

Rule Summary and Fiscal Analysis

Part A - General Questions

Rule Number: 4101:1-16-01

Rule Type: New

Rule Title/Tagline: Structural design.

Agency Name: Department of Commerce

Division: Board of Building Standards: Ohio Building Code

Address: 6606 Tussing Road P.O. Box 4009 Reynoldsburg OH 43068-9009

Contact: Regina S. Hanshaw **Phone:** 614-728-1841

Email: regina.hanshaw@com.state.oh.us

I. Rule Summary

1. **Is this a five year rule review?** No
 - A. **What is the rule's five year review date?**
2. **Is this rule the result of recent legislation?** No
3. **What statute is this rule being promulgated under?** 119.03
4. **What statute(s) grant rule writing authority?** 3781.10(A)(1)
5. **What statute(s) does the rule implement or amplify?** 3781.10, 3781.11, 3791.04
6. **Does the rule implement a federal law or rule in a manner that is more stringent or burdensome than the federal law or regulation requires?** No
 - A. **If so, what is the citation to the federal law or rule?** Not Applicable
7. **What are the reasons for proposing the rule?**

This rule is proposed to comply with the five-year rule review requirement and to update the Ohio Building Code (OBC) to the 2021 International Building Code (IBC) model code published by ICC. This new rule is being filed to replace a rescinded rule of the same rule number.

8. **Summarize the rule's content, and if this is an amended rule, also summarize the rule's changes.**

This rule prescribes how to determine the structural design requirements for buildings.

9. **Does the rule incorporate material by reference? Yes**
10. **If the rule incorporates material by reference and the agency claims the material is exempt pursuant to R.C. 121.75, please explain the basis for the exemption and how an individual can find the referenced material.**

The referenced standards are generally available to the affected parties. The referenced standards can easily be purchased from or may be viewed on websites of the standards making organizations. The affected parties typically would be product manufacturers, design professionals, builders, and contractors. These parties would be expected to already own or have access to the standards in order to conduct their business of manufacturing, testing, designing, and installing the building systems and products.

It was infeasible for the agency to file the text electronically due to copyright issues with the standards making organizations. The standards are generally available.

11. **If revising or re-filing the rule, please indicate the changes made in the revised or re-filed version of the rule.**

Not Applicable

II. Fiscal Analysis

12. **Please estimate the increase / decrease in the agency's revenues or expenditures in the current biennium due to this rule.**

This will have no impact on revenues or expenditures.

\$0.00

This rule addresses building design issues. The requirements of the rule do not fiscally affect the Board of Building Standards, the Department of Commerce, or the state.

13. **What are the estimated costs of compliance for all persons and/or organizations directly affected by the rule?**

Due to the variance in allowed building designs, it is very difficult to ascertain, in dollars, a cost increase or decrease in the design cost of a building as a result of this proposed code update. When a code change proponent submits a petition to the ICC to amend the model code an estimated cost impact of the proposal is included with the proposed change. Some changes result in a cost increase while others actually reduce the cost of construction. The board has carefully evaluated all of these changes and balanced any increases in cost with an added benefit of enhanced life safety to the building occupants or ease of maintenance of required systems. Additional information regarding the cost impact of the entire Building Code can be found in the attached BIA document.

14. **Does the rule increase local government costs? (If yes, you must complete an RSFA Part B). No**
15. **Does the rule regulate environmental protection? (If yes, you must complete an RSFA Part C). No**
16. **If the rule imposes a regulation fee, explain how the fee directly relates to your agency's cost in regulating the individual or business.**

Not applicable.

III. Common Sense Initiative (CSI) Questions

17. **Was this rule filed with the Common Sense Initiative Office? Yes**
18. **Does this rule have an adverse impact on business? No**
 - A. **Does this rule require a license, permit, or any other prior authorization to engage in or operate a line of business? No**
 - B. **Does this rule impose a criminal penalty, a civil penalty, or another sanction, or create a cause of action, for failure to comply with its terms? No**
 - C. **Does this rule require specific expenditures or the report of information as a condition of compliance? No**
 - D. **Is it likely that the rule will directly reduce the revenue or increase the expenses of the lines of business of which it will apply or applies? No**

IV. Regulatory Restriction Requirements under S.B. 9. Note: This section only applies to agencies described in R.C. 121.95(A).

19. Are you adding a new or removing an existing regulatory restriction as defined in R.C. 121.95? Yes

A. How many new regulatory restrictions do you propose adding to this rule? 0

B. How many existing regulatory restrictions do you propose removing from this rule? 1

See attached inventory list for rules 4101:1-1 to 4101:1-35. Compared to the rescinded rule, of the original 394 inventoried regulatory restrictions, we are eliminating 393 in this rule by incorporating the generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards by reference pursuant to 121.71 to 121.74 of the Revised Code and simplifying the Ohio modification rule language.

C. If you are not removing existing regulatory restrictions from this rule, please list the rule number(s) from which you are removing restrictions.

D. Please justify the adoption of the new regulatory restriction(s).

Not Applicable

RULE NUMBER	REGULATORY RESTRICTION	DESCRIPTION OF REGULATORY RESTRICTION & 2015 International Building Code document link: https://codes.iccsafe.org/content/IBC2015P4	STATUTE UNDER WHICH THE REGULATORY RESTRICTION WAS ADOPTED
4101:1-1-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-1-01	Shall	101.1 Chapters 4101:1-1 to 4101:1-35 of the Administrative Code shall be designated as the "Ohio Building Code" for which the designation "OBC" may be substituted.	3781.10
4101:1-1-01	Shall	101.1 The "International Building Code 2015, first printing, Chapters 2 to 35," as published by the "International Code Council, Inc." is used as the basis of this document. References in these chapters to "this code" or to the "building code" in other sections of the Administrative Code shall mean the "Ohio Building Code."	3718.10
4101:1-1-01	Shall	101.2 The provisions of the "Ohio Building Code", the "Ohio Mechanical Code", and the "Ohio Plumbing Code" shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.	3781.10
4101:1-1-01	Shall	101.2 As provided in division (B) of section 3791.04 of the Revised Code, no plans or specifications shall be approved or inspection approval given unless the building represented by those plans or specifications would, if constructed, repaired, erected, or equipped according to those plans or specifications, comply with Chapters 3781. and 3791. of the Revised Code and any rules adopted by the board. An owner may exceed the requirements of the "Ohio Building	3791.04
4101:1-1-01	Shall	101.2 Exception 5. This required inspection shall be conducted by the certified building department having jurisdiction or the division of industrial compliance and labor in accordance with the inspection checklist found on the board of building standard's website.	3781.10
4101:1-1-01	Shall	101.3 Such requirements shall relate to the conservation of energy, safety, and sanitation of buildings for their intended use and occupancy with consideration for the following:	3781.10
4101:1-1-01	Shall	101.3 The rules of the board and proceedings shall be liberally construed in order to promote its purpose.	3781.10
4101:1-1-01	Shall	101.3 When the building official finds that the proposed design is a reasonable interpretation of the provisions of this code, it shall be approved. Materials, equipment and devices approved by the building official pursuant to section 114 shall be constructed and installed in accordance	3781.10

4101:1-1-01	Shall	101.3 When the building official finds that the proposed design is a reasonable interpretation of the provisions of this code, it shall be approved. Materials, equipment and devices approved by the building official pursuant to section 114 shall be constructed and installed in accordance	3781.10
4101:1-1-01	Shall	101.4 The other codes listed in sections 101.4.1 to 101.4.7 and referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference.	3781.10
4101:1-1-01	Shall	101.4.1 Chapters 4101:2-1 to 4101:2-15 of the Administrative Code, designated as the "Ohio Mechanical Code," shall apply to the installation, alterations, repairs, and replacement of mechanical systems, including equipment, appliances, fixtures, fittings and/or appurtenances, including ventilating, heating, cooling, air-conditioning and refrigeration systems, incinerators, and	3781.10
4101:1-1-01	Shall	101.4.2 Chapters 4101:3-1 to 4101:3-15 of the Administrative Code, designated as the "Ohio Plumbing Code," shall apply to the installation, alterations, repairs and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewerage system and all	3781.10
4101:1-1-01	Shall	101.4.3 The provisions of the "Ohio Elevator Code" (Chapters 4101:5-1 to 4101:5-3 of the Administrative Code) shall apply to the design, construction, repair, alteration and maintenance of elevators and other lifting devices as listed	4105.01
4101:1-1-01	Shall	101.4.4 The provisions of the "Ohio Fire Code" (Chapters 1301:7-1 to 1301:7-7 of the Administrative Code) shall apply to the preventive measures which provide for fire-safe conduct and operations in buildings and includes the maintenance of fire-detection, fire alarm, and fire extinguishing equipment and systems, exit facilities, opening protectives, safety devices, good housekeeping	3737.82
4101:1-1-01	Shall	101.4.5 The provisions of the "Ohio Boiler and Pressure Vessel Rules" (Chapters 4101:4-1 to 4101:4-10 of the Administrative Code) shall apply to the design, construction, repair, alteration and maintenance of boilers and unfired pressure vessels as listed and defined therein.	4104.02
4101:1-1-01	Shall	102.1 Where, in any specific case, different sections of this code specify different materials, methods of construction or other requirements, the most restrictive shall govern.	3781.10
4101:1-1-01	Shall	102.1 Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable.	3781.10
4101:1-1-01	Shall not	102.2 The provisions of this code shall not be deemed to nullify any provisions of state or federal law. Municipal corporations may make further and additional regulations, not in conflict with Chapters 3781. and 3791. of the Revised Code or with the rules of the board of building	3781.01

4101:1-1-01	Shall	102.2 However approval by the board of building standards of any fixture, device, material, system, assembly or product of a manufacturing process, or method or manner of construction or installation shall constitute approval for their use anywhere in Ohio.	3781.10
4101:1-1-01	Shall	102.3 As provided in division (B) of section 3781.11 of the Revised Code, the rules of the board of building standards shall supersede and govern any order, standard, or rule of the divisions of the fire marshal or industrial compliance in the department of commerce, and the department of health and of counties and townships, in all cases where such orders, standards or rules are in conflict with the rules of the board of building standards, except that rules adopted and orders issued by the fire marshal pursuant to Chapter 3743. of the Revised Code prevail in the event of a conflict.	3781.11
4101:1-1-01	Shall	102.3 The rules of the board of building standards adopted pursuant to section 3781.10 of the Revised Code shall govern any rule or standard adopted by the board pursuant to sections 4104.02 and 4105.011 of the Revised Code.	3781.10
4101:1-1-01	Shall	102.4 References to chapter or section numbers, or to provisions not specifically identified by number, shall be construed to refer to such chapter, section or provision of	3781.10
4101:1-1-01	Shall	102.5 The codes and standards referenced in the building, mechanical, and plumbing codes shall be considered part of the requirements of these codes as though the text were printed in this code, to the prescribed extent of each such	3781.10
4101:1-1-01	Shall	102.5 Where differences occur between provisions of these codes and the referenced standards, the provisions of these codes shall apply.	3781.10
4101:1-1-01	Shall not	102.6 In the event any part or provision of this code is held to be illegal or void, this shall not have the effect of making void or illegal any of the other parts or provisions thereof, and it shall be presumed that this code would have been adopted without such illegal or invalid parts or provisions.	3781.10
4101:1-1-01	Shall	102.6 In the event any part or provision of this code is held to be illegal or void, this shall not have the effect of making void or illegal any of the other parts or provisions thereof, and it shall be presumed that this code would have been adopted without such illegal or invalid parts or provisions.	3781.10
4101:1-1-01	Shall	102.7 The provisions of Chapter 34 shall control the alteration, repair, addition, maintenance, and change of occupancy of any existing structure.	3781.10
4101:1-1-01	Shall	102.7 The occupancy of any structure currently existing on the date of adoption of this code shall be permitted to continue without change provided there are no orders of the building official pending, no evidence of fraud, or no serious safety or sanitation hazard.	3781.10
4101:1-1-01	Shall	102. 7 When requested, such approvals shall be in the form of a "Certificate of Occupancy for an Existing Building" in accordance with section 111.2.	3781.10

4101:1-1-01	Shall	102.8 The building official is authorized to issue approvals for temporary structures. Such approvals shall be in the form of a “Certificate of Occupancy for a Temporary Building” in accordance with section 111.1.6.	3781.10
4101:1-1-01	Shall	102.8.1 Temporary structures shall conform to the structural strength, fire safety, means of egress, accessibility, light, ventilation and sanitary requirements of this code as necessary to ensure the public health, safety and general	3781.10
4101:1-1-01	Shall	102.8.1 Temporary tents and membrane structures shall also comply with the applicable provisions in section 3103.	3781.10
4101:1-1-01	Shall	102.9 Any component, building element, equipment, system or portion thereof not required by this code shall be permitted to be installed as a partial or complete system provided that it is constructed or installed in accordance with this code to the extent of the installation.	3781.10
4101:1-1-01	Shall not	102.10 Approval shall not be required for the following work; however, this work shall comply with all applicable provisions of the rules of the board:	3781.10
4101:1-1-01	Shall	102.10 Approval shall not be required for the following work; however, this work shall comply with all applicable provisions of the rules of the board:	3781.10
4101:1-1-01	Shall	102.10 Plumbing 1 The repair of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drain-pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and an approval shall be obtained and inspection made as provided in this code.	3781.10
4101:1-1-01	Shall	102.10 Plumbing 1 The repair of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drain-pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and an approval shall be obtained and inspection made as provided in this code.	3781.10
4101:1-1-01	Shall	102.10.1 Where equipment replacements and repairs must be performed in an emergency situation, an application for approval shall be submitted within the next working business day to the building official.	3781.10
4101:1-1-01	Shall not	102.10.2 Such repairs shall not include the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or load bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the egress requirements; nor shall minor repairs include addition to, alteration of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar piping, electric wiring or mechanical or other work affecting public health or general safety.	3781.10

4101:1-1-01	Shall	102.10.1 Such repairs shall not include the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or load bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the egress requirements; nor shall minor repairs include addition to, alteration of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar piping, electric wiring or mechanical or other work affecting public health or general safety.	3781.10
4101:1-1-01	Shall	102.11 A municipal, township, or county building department that has been certified by the board of building standards, pursuant to section 103.2, shall enforce provisions of the rules of the board and of Chapters 3781. and 3791. of the Revised Code, relating to construction, arrangement, and the erection of buildings or parts thereof as defined in the rules of the board in accordance with the	3781.03
4101:1-1-01	Shall	102.11 1 The state fire marshal or fire chief of municipal corporations or townships, having fire departments, shall enforce all provisions of the rules of the board relating to	3781.03
4101:1-1-01	Shall	102.10 2 The department of health, or the boards of health of city or general health districts, the division of industrial compliance of the department of commerce, or the departments of building inspection of municipal corporations, townships, or counties shall enforce such provisions relating to sanitary construction.	3781.03
4101:1-1-01	Shall	102.10 3 In accordance with Section 3781.03 of the Revised Code, the department of the city engineer, in cities having such departments, the boards of health of health districts, or the sewer purveyor, as appropriate, shall have complete supervision and regulation of the entire sewerage and drainage system of the jurisdiction, including the building sewer and all laterals draining into the street sewers.	3781.03
4101:1-1-01	Shall	102.10 3 Such department or agency shall have control and supervision of the installation and construction of all drains and sewers that become a part of the sewerage system of the jurisdiction and shall issue all the necessary permits and licenses for the construction and installation of all building sewers and of all other lateral drains that empty into the	3781.03
4101:1-1-01	Shall	102.10 3 Such department or agency shall have control and supervision of the installation and construction of all drains and sewers that become a part of the sewerage system of the jurisdiction and shall issue all the necessary permits and licenses for the construction and installation of all building sewers and of all other lateral drains that empty into the	3781.03
4101:1-1-01	Shall	102.10 3 Such department or agency shall keep a permanent record of the installation and location of every drain and sewerage system of the city.	3781.03
4101:1-1-01	Shall	104.1 Local boards of building appeals and personnel of building departments that have been certified by the board of building standards, pursuant to division 4101:7 of the Administrative Code, shall be responsible for performing the duties described in this section.	3781.10, 3781.20

4101:1-1-01	Shall	104.2.1 All building officials shall conduct themselves in a professional, courteous, impartial, responsive, and cooperative manner.	3781.10
4101:1-1-01	Shall	104.2.1 The building official shall render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions.	3781.10
4101:1-1-01	Shall	104.2.1 Such interpretations, policies, and procedures shall be in compliance with the intent and purpose of this code.	3781.10
4101:1-1-01	Shall	104.2.1 Building officials shall be responsible to assure that a system is in place to track and audit all projects, to assure that all building department personnel perform their duties in accordance with this section, and for the overall administration of a building department as follows:	3781.10
4101:1-1-01	Shall	104.2.1.1 The building official shall receive applications, require or cause the submitted construction documents to be examined, ascertain by such examinations whether the construction indicated and described is in accordance with the requirements of this code, and shall issue plan approvals for the construction, erection, alteration, demolition, and	3781.10
4101:1-1-01	Shall	104.2.1.1 The building official shall receive applications, require or cause the submitted construction documents to be examined, ascertain by such examinations whether the construction indicated and described is in accordance with the requirements of this code, and shall issue plan approvals for the construction, erection, alteration, demolition, and	3781.10
4101:1-1-01	Shall	104.2.1.1 The building official shall require a master plans examiner or elective plans examiners to examine the construction documents to verify the construction indicated is in accordance with the requirements of this code and shall assure coordination of plan review.	3781.10
4101:1-1-01	Shall	104.2.1.1 The building official shall require a master plans examiner or elective plans examiners to examine the construction documents to verify the construction indicated is in accordance with the requirements of this code and shall assure coordination of plan review.	3781.10
4101:1-1-01	Shall	104.2.1.1.1 When the building department does not have in its full-time employ a certified master plans examiner, the certified building official shall examine construction documents to determine compliance with the rules of the board if the registered design professional elects to submit construction documents that contain a written certification by the registered design professional indicating conformance with the requirements of the rules of the board	3791.04
4101:1-1-01	Shall	104.2.1.2 The building official shall issue all orders in accordance with section 109 to ensure compliance with this	3781.10
4101:1-1-01	Shall	104.2.1.3 If the plans for the erection, construction, repair, alteration, relocating, or equipment of a building are subject to inspection by the building official, under section 108, the building official shall cause to be made such inspections, investigations, and determinations as are necessary to determine whether or not the work which has been performed and the installations which have been made are in conformity with the approved construction	3781.10

4101:1-1-01	Shall	104.2.1.3 The building official shall identify any special conditions that would affect the timing of inspections and schedule inspections times mutually agreed upon by the building official and the owner.	3781.10
4101:1-1-01	Shall	104.2.1.4 The building official shall keep official records of applications received, certificates of plan approval issued, notices and orders issued, certificates of occupancy, certificates of completion, and other such records required by the rules of the board of building standards.	3781.10
4101:1-1-01	Shall	104.2.1.4 Such information shall be retained in the official permanent record for each project.	3781.10
4101:1-1-01	Shall	104.2.1.4 One set of approved construction documents shall be retained by the building official for a period of not less than one hundred eighty days from date of completion of the permitted work, or as required by document retention	3781.10
4101:1-1-01	Shall	104.2.1.5 The building official shall be responsible for the submission of reports and any requested special information to the board of building standards as required in paragraph (F) of rule 4101:7-2-01 of the Administrative Code.	3781.10
4101:1-1-01	Shall	104.2.2 A plans examiner is responsible for the examination of construction documents in accordance with section 107, within the limits of their certification, to determine compliance with the rules of the board. All plan examiners shall effectively communicate the results of their plan review as designated by the building official.	3781.10
4101:1-1-01	Shall	104.2.2 All plans examiners shall conduct themselves in a professional, courteous, impartial, responsive, and cooperative manner.	3781.10
4101:1-1-01	Shall	104.2.2.1 If elective plans examiners are utilized by the building department, the master plans examiner shall assure coordination of plan reviews.	3781.10
4101:1-1-01	Shall	104.2.2.2 If the department does not have in its employ or under contract persons holding any of the elective plans examiners certifications, then the examination of the construction documents for compliance with the specific provisions of the code shall be done by the master plans	3781.10
4101:1-1-01	Shall	104.2.3 All inspectors shall inspect the work to the extent of the approval given when construction documents were approved by the building official and for which the	3781.10
4101:1-1-01	Shall	104.2.3 All inspectors shall effectively communicate the results of their inspections as required by section 108, and shall conduct themselves in a professional, courteous, impartial, responsive, and cooperative manner.	3781.10
4101:1-1-01	Shall	104.2.3 All inspectors shall effectively communicate the results of their inspections as required by section 108, and shall conduct themselves in a professional, courteous, impartial, responsive, and cooperative manner.	3781.10
4101:1-1-01	Shall	104.2.3.4.1 If the department does not have in its employ or under contract persons holding the mechanical inspector certification, then the inspection of the mechanical systems shall be performed by persons holding the building inspector certification.	3781.10

4101:1-1-01	Shall	104.2.3.4.2 If the department does not have in its employ or under contract persons holding the fire protection inspector certification, then the inspections of the fire protection systems shall be performed by persons holding the building inspector certification.	3781.10
4101:1-1-01	Shall	104.2.3.4.3 If the department does not have in its employ or under contract persons holding a medical gas piping inspector certification, then all enforcement of medical gas piping systems shall be deferred to either of the following: the local health district when that district requests to enforce those piping systems and the district has employed or hired under contract a person holding the medical gas piping inspector certification; or the superintendent of the division of industrial compliance in the department of commerce.	4104.43
4101:1-1-01	Shall	104.3 Before performing its duties, a jurisdiction wishing to establish a local board of building appeals shall receive certification by the board of building standards as required in section 3781.10 of the Revised Code and rule 4101:7-4-01 of the Administrative Code.	3781.20
4101:1-1-01	Shall	104.3.1 Certified municipal and county boards of building appeals shall hear and decide the adjudication hearings referred to in section 109.1 within the jurisdiction of and arising from orders of the local building official in the enforcement of Chapters 3781. and 3791. of the Revised	3781.20
4101:1-1-01	Shall	104.3.2 The Ohio board of building appeals shall conduct the adjudication hearings in political subdivisions without certified boards or without contracts with certified boards.	3781.19
4101:1-1-01	Shall	105.1 Any owner or owner's representative who intends to construct, enlarge, alter, repair, move, or change the occupancy of a building or structure, or portion thereof, or to erect, install, enlarge, alter, repair, remove, convert or replace any electrical, gas, mechanical, plumbing system, other building service equipment, or piping system the installation of which is regulated by this code, or to cause any such work to be done, shall first make application to the building official and obtain the required approval.	3791.04
4101:1-1-01	Shall	105.1.1 In the event such construction documents are not received within thirty days, the building official shall issue an adjudication order revoking the plan approval.	3791.04
4101:1-1-01	Shall	105.1.2 No conditional approval shall be issued where the objection is to the application of specific technical requirements of the code or correction of the objection would cause extensive changes in the building design or	3791.04
4101:1-1-01	Shall	105.1.2 The conditions objected to shall be in writing from the building official which shall be an adjudication order denying the issuance of a license and may be appealed in accordance with section 3781.19 of the Revised Code.	3791.04
4101:1-1-01	Shall	105.1.2 The conditions objected to shall be in writing from the building official which shall be an adjudication order denying the issuance of a license and may be appealed in accordance with section 3781.19 of the Revised Code.	3791.04

4101:1-1-01	Shall	105.1.2 In the absence of fraud or a serious safety or sanitation hazard, all items previously examined shall be conclusively presumed to comply with Chapters 3781. and 3791. of the Revised Code and the rules of the board.	3791.04
4101:1-1-01	Shall	105.1.2 Reexamination of the construction documents shall be limited to those items in the adjudication order.	3781.10
4101:1-1-01	Shall not	105.1.3 This code shall not require changes in the construction documents, construction or designated occupancy of a structure for which a lawful approval has previously been issued or otherwise lawfully authorized, and the construction of which has been pursued in good faith within one year of the approval of construction	3791.04
4101:1-1-01	Shall	105.1.3 One extension shall be granted for an additional year if requested by the owner at least ten days in advance of the expiration of the approval and upon payment of any fee not to exceed one hundred dollars.	3781.04
4101:1-1-01	Shall	105.1.3 Two extensions shall be granted for six months if requested by the owner at least ten days in advance of the expiration of the approval and upon payment of any fee for each extension not to exceed one hundred dollars.	3791.04
4101:1-1-01	Shall	105.1.4 The building official shall issue an approval for the construction of foundations or any other part of a building, structure, or building service equipment before the construction documents for the whole building, structure or building service equipment have been submitted, provided that adequate information and detailed statements have been filed complying with applicable requirements of this	3791.04
4101:1-1-01	Shall	105.1.4 The holder of such approval for the foundation or other parts of a building or structure shall proceed at the holder's own risk with the building operation and without assurance that an approval for the entire structure will be	3791.04
4101:1-1-01	Shall	105.1.4 Such approvals shall be issued for various stages in the sequence of construction provided that all information and data required by the code for that portion of the building or structure has been submitted.	3791.04
4101:1-1-01	Shall	105.1.5.1 The person to whom an annual approval is issued shall keep a detailed record of alterations made under such annual approval.	3781.10
4101:1-1-01	Shall	105.1.5.1 The building official shall have access to such records at all times or such records shall be filed with the building official as designated.	3781.10
4101:1-1-01	Shall	105.1.5.1 The building official shall have access to such records at all times or such records shall be filed with the building official as designated.	3781.10
4101:1-1-01	Shall	105.1.5.1 These records shall include the applicable construction documents in accordance with section 106.1.	3781.10
4101:1-1-01	Shall	105.2 The construction, erection, and alteration of a building, and any addition thereto, and the equipment and maintenance thereof, shall conform to required plans which have been approved by the building official, except for minor deviations which do not involve a violation of the	3791.04

4101:1-1-01	Shall	105.2 In the absence of fraud or a serious safety or sanitation hazard, any structure built in accordance with approved plans shall be conclusively presumed to comply with Chapters 3781. and 3791. of the Revised Code and the	3791.04
4101:1-1-01	Shall	105.2 Exception: Industrialized units shall be constructed to conform to the plans approved by the board.	3781.10, 3791.04
4101:1-1-01	Shall	105.3 One extension shall be granted for an additional twelve month period if requested by the owner at least ten days in advance of the expiration of the approval and upon payment of a fee not to exceed one hundred dollars.	3791.04
4101:1-1-01	Shall	105.4 Two extensions shall be granted for six months each if requested by the owner at least ten days in advance of the expiration of the approval and upon payment of a fee for each extension of not more than one hundred dollars.	3791.04
4101:1-1-01	Shall	105.5 After plans have been approved in accordance with section 107, the building official shall furnish the owner/applicant a certificate of plan approval.	3791.04
4101:1-1-01	Shall	105.5.1 The form of the certificate shall be as prescribed by the building official and shall show the serial number of the certificate, the address at which the building or equipment under consideration is or is to be located, the name and address of the owner, the signature of the building official who issued the certificate, the date of issuance and such other information as is necessary to facilitate and ensure the proper enforcement of the rules of the board.	3791.04
4101:1-1-01	Shall	105.5.1 The form of the certificate shall be as prescribed by the building official and shall show the serial number of the certificate, the address at which the building or equipment under consideration is or is to be located, the name and address of the owner, the signature of the building official who issued the certificate, the date of issuance and such other information as is necessary to facilitate and ensure the proper enforcement of the rules of the board.	3791.04
4101:1-1-01	Shall	105.5.2 Upon application by the owner, the building official shall issue a duplicate certificate of plan approval to replace a lost or destroyed original.	3791.04
4101:1-1-01	Shall	106.1 Construction documents, statement of special inspections required and other data shall be submitted in two or more sets with each application for an approval. Before beginning the construction of any building for which construction documents are required under section 105, the owner or the owner's representative shall submit construction documents to the building official for	3791.04
4101:1-1-01	Shall	106.1 Construction documents, statement of special inspections required and other data shall be submitted in two or more sets with each application for an approval. Before beginning the construction of any building for which construction documents are required under section 105, the owner or the owner's representative shall submit construction documents to the building official for	3791.04

4101:1-1-01	Shall	106.1 When construction documents have been found to be in compliance with the rules of the board of building standards in accordance with section 107 by a certified building department, that determination of compliance shall be deemed sufficient to obtain approval for construction pursuant to section 105.2 and the building official shall	3791.04
4101:1-1-01	Shall	106.1 When construction documents have been found to be in compliance with the rules of the board of building standards in accordance with section 107 by a certified building department, that determination of compliance shall be deemed sufficient to obtain approval for construction pursuant to section 105.2 and the building official shall	3791.04
4101:1-1-01	Shall	106.1 Construction documents for the installation of industrialized units shall be submitted to the building official for approval in accordance with the provisions of	3791.04
4101:1-1-01	Shall	106.1.1 Construction documents shall be dimensioned and drawn upon suitable material. Electronic media documents are permitted to be submitted when approved by the	3791.04
4101:1-1-01	Shall	106.1.1 Construction documents shall be coordinated and of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code. Construction documents, adequate for the scope of the project, shall include information necessary to determine compliance with the building, mechanical, plumbing, fire, electrical, energy, and	3791.04
4101:1-1-01	Shall	106.1.1 1 An index of drawings located on the first sheet which shall also include all occupancy classification(s), type(s) of construction, the area in gross square feet for each level, the maximum design occupant load, the structural design loads, and the seismic design category and site class;	3791.04
4101:1-1-01	Shall	106.1.1 2 A site plan showing a north orientation arrow, the size and location of new construction and all existing structures on the site, all property and interior lot line locations with setback and side yard dimensions and distances from buildings to lot lines, the locations of the nearest streets, the established street grades, the locations, types and sizes of all utility lines, the location of any fences, and the elevations of all proposed finished grades; and it shall be drawn in accordance with an accurate	3791.04
4101:1-1-01	Shall	106.1.1 2 A site plan showing a north orientation arrow, the size and location of new construction and all existing structures on the site, all property and interior lot line locations with setback and side yard dimensions and distances from buildings to lot lines, the locations of the nearest streets, the established street grades, the locations, types and sizes of all utility lines, the location of any fences, and the elevations of all proposed finished grades; and it shall be drawn in accordance with an accurate	3791.04

4101:1-1-01	Shall	106.1.1 2.1 Construction documents submitted for buildings or structures located in communities with identified flood hazard areas, pursuant to section 1612, shall include the current FEMA "Flood Hazard Boundary Map" (FHBM), "Flood Insurance Rate Map" (FIRM) or "Flood Boundary Floodway Map" (FBFM) for the project location.	3791.04, 44 CFR Parts 59-77
4101:1-1-01	Shall	106.1.1 2.1 The required site plan shall include building elevations using the same datum as the related flood hazard	3791.04, 44 CFR Parts 59-77
4101:1-1-01	Shall	106.1.1 2.1 The owner shall be responsible for the compliance with local flood damage prevention regulations for additional critical elevation information for the project	3791.04, 44 CFR Parts 59-77
4101:1-1-01	Shall	106.1.1 2.2 Information in plan view and details shall be submitted indicating compliance with the accessibility provisions of this code for the exterior of the building in addition to accessible features of the interior.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-1-01	Shall	106.1.1 2.2 When applicable, the plans shall include: the exterior accessible route between all facilities required to be connected; ramp locations and elevations along the exterior accessible route; number of and details for the required accessible van and car parking spaces and passenger loading areas; location and detail of required accessibility signage; grade/topographic elevations before and after proposed grading when site impracticality is intended to be applied.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-1-01	Shall	106.1.1 3 Floor plans must show all relevant information such as door swings, stairs and ramps, windows, shafts, all portions of the means of egress, plumbing fixtures, built-in fixtures, special equipment, vertical transportation, etc., and shall be sufficiently dimensioned to describe all relevant	3791.04
4101:1-1-01	Shall	106.1.1 3 Spaces shall be identified by appropriate code appellations (an "auditorium" may not be identified as a "meeting room" if its attributes indicate that it is an	3791.04
4101:1-1-01	Shall	106.1.1 3 The construction documents shall designate the number of occupants to be accommodated on every floor, and in all rooms and spaces;	3791.04
4101:1-1-01	Shall	106.1.1 4 In the case of demolition, the floor plan shall identify construction to be demolished and the location, arrangement, and dimensions of existing construction that is	3791.04
4101:1-1-01	Shall	106.1.1 8 The exterior envelope shall be described in sufficient detail to determine compliance with this code and the referenced standards.	3791.04
4101:1-1-01	Shall	106.1.1 8 Details shall be provided which describe flashing, intersections with dissimilar materials, corners, end details, control joints, intersections at roof, eaves, or parapets, means of drainage, water-resistive membrane details around openings, location and type of vapor retarders, window and door "U"-values, and insulation	3791.04
4101:1-1-01	Shall	106.1.1 8 The supporting documentation shall fully describe the exterior wall system, which was tested, where applicable, as well as the test procedure used.	3791.04
4101:1-1-01	Shall	106.1.1 11 Wall and floor materials shall be described by cross hatching (with explanatory key), by notation, or by other clearly understandable method.	3791.04

4101:1-1-01	Shall	106.1.1 16 Information shall be provided regarding operations, the types, quantities, and arrangement of flammable, combustible, or hazardous materials proposed to be produced, used, dispensed, or stored in the facility; material safety data sheets for hazardous materials produced, used, or stored in the facility, the commodity and	3791.04
4101:1-1-01	Shall	106.1.1.1 Construction documents shall be approved prior to the start of system installation.	3791.04
4101:1-1-01	Shall	106.1.1.1 Related product listing information shall be provided and drawings shall contain all information as required by the installation standards referenced in Chapter	3791.04
4101:1-1-01	Shall	106.1.1.1 Related product listing information shall be provided and drawings shall contain all information as required by the installation standards referenced in Chapter	3791.04
4101:1-1-01	Shall	106.1.1.1 In the event that the product listing information is not known at the time of plan examination, conditional plan approval shall be granted subject to subsequent submission of the listing information prior to installation of any part of the fire protection systems	3791.04
4101:1-1-01	Shall	106.1.2 1 When construction includes the use of industrialized units or alternative materials, designs and methods of construction or equipment approved by the board, documentation shall be provided to the building official describing how they are to be used.	3791.04
4101:1-1-01	Shall	106.1.2 1 Before these items are installed or used, the following shall be submitted:	3791.04
4101:1-1-01	Shall	106.1.2 1.2 When construction includes the use of industrialized units for one-, two-, and three- family dwellings and their accessory structures, the documents shall be provided to the residential building official.	3791.04
4101:1-1-01	Shall	106.1.2 2 Construction documents submitted that include construction of public swimming pools shall include documentation indicating approval of the pool construction documents by the Ohio department of health in accordance with section 3109.1.1 of the "OBC".	3791.04
4101:1-1-01	Shall	106.1.2 3 Construction documents submitted that include alterations or construction of, or additions to buildings where sales, display, storage or manufacture of consumer fireworks, 1.4g or display fireworks, 1.3g shall include documentation indicating that the applicant has received preliminary approval for construction issued by the state fire marshal pursuant to sections 3743.04 and 3743.17 of	3791.04, 3743.04, 3743.17
4101:1-1-01	Shall	106.1.2 4 The elevation certification provided by a registered surveyor and dry floodproofing certification, when required in section 1612.5 for buildings or structures located in communities with identified flood hazard areas, shall be submitted to the building official.	3791.04, 44 CFR Parts 59-77

4101:1-1-01	Shall	106.1.2 5 When a certified building department receives an application for plan approval in a jurisdiction in which the local fire official has requested an opportunity to provide input to the certified building department on issues related to fire protection systems by submitting a completed “Request for Participation” form prescribed by the board and provided by the building official to the local fire official annually, the building official shall require that the applicant provide a set of relevant construction documents	3791.04
4101:1-1-01	Shall	106.1.2 5 The building official shall evaluate the local fire official’s comments related to fire protection system provisions of this code that are received within the timeframe established by the building official and section 3791.04 of the Revised Code prior to issuing the certificate of plan approval required in Section 105.5.	3791.04
4101:1-1-01	Shall	106.1.2 5 In the absence of timely input from the fire official during the plan review process, the building official shall proceed as outlined in Section 107.5.1	3791.04
4101:1-1-01	Shall	106.1.2 6 Construction documents submitted that include alterations or construction of, or additions to jails, workhouses, or municipal lockups shall include documentation indicating that the applicant has received preliminary approval for construction issued by the Ohio	307.01, 3791.04
4101:1-1-01	Shall	106.1.2 7 7. When, as a part of work subject to this code, construction includes or relates to the storage or use of hazardous, flammable or combustible liquids or gases connected to and utilized for the operation of building service equipment, such construction shall be in accordance with the provisions of this code.	3791.04
4101:1-1-01	Shall	106.1.2 7 Notification of such storage or use shall be provided to the fire official for emergency planning	3791.04
4101:1-1-01	Shall	106.1.2 7 When construction includes or relates to the storage or use of hazardous, flammable or combustible liquids or gases not associated with the operation of building service equipment, the owner shall notify the building official in accordance with Sections 106.1.1(item #16) and 414.1.3 to ensure that the building has been	3791.04
4101:1-1-01	Shall	106.1.2 7 However, approval of the storage and use shall be obtained from the fire official in accordance with the fire	3791.04
4101:1-1-01	Shall	106.2 Required construction documents, when submitted for review as required under section 107, shall bear the identification of the person primarily responsible for their	3791.04
4101:1-1-01	Shall	106.2.1 Construction documents shall bear the seal of a registered design professional pursuant to section 3791.04 of the Revised Code.	3791.04
4101:1-1-01	Shall	106.4 . For approval of a device, material or assembly that does not conform to the performance requirements in this code, section 114 shall apply.	3781.10
4101:1-1-01	Shall	106.5 The design, documentation, inspection, testing and approval of an alternative engineered system shall comply with sections 106.5.1 to 106.5.3 of this rule.	3781.10

4101:1-1-01	Shall	106.5.1 An alternative engineered design shall conform to the intent of the provisions of this code and shall provide an equivalent level of quality, strength, effectiveness, fire resistance, durability and safety.	3781.10
4101:1-1-01	Shall	106.5.1 An alternative engineered design shall conform to the intent of the provisions of this code and shall provide an equivalent level of quality, strength, effectiveness, fire resistance, durability and safety.	3781.10
4101:1-1-01	Shall	106.5.1 Materials, equipment or components shall be designed and installed in accordance with the manufacturer's installation instructions.	3781.10
4101:1-1-01	Shall	106.5.2 The registered design professional shall indicate on the application that the system is an alternative engineered	3781.10
4101:1-1-01	Shall	106.5.2 The approval and permanent approval records shall indicate that an alternative engineered design was part of the approved installation.	3781.10
4101:1-1-01	Shall	106.5.3 The registered design professional shall submit sufficient technical data to substantiate the proposed alternative engineered design and to prove that the performance meets the intent of this code.	3781.10
4101:1-1-01	Shall	107.1 Where the rules of the board are applicable under section 101.2, before a building or addition to a building is constructed or erected, and before a building is altered or relocated, or building equipment is installed, or there is a change of occupancy, or a resubmission of construction documents is required or received, construction documents relating to the work and equipment under consideration shall be prepared in conformity with section 106 and be submitted to the building department for examination and	3791.04
4101:1-1-01	Shall	107.2 To obtain a plan approval, the owner or the owner's representative shall first file an application in writing on a form furnished by the building department for that purpose.	3791.04
4101:1-1-01	Shall	107.2 Such application shall: 1. Identify and describe the work to be covered for which application is made for approval. 2. Describe the land on which the proposed work is to be done, street address or similar description that will readily identify and locate the proposed building or work. 3. Indicate the use and occupancy(ies) for which the proposed work is intended. 4. Be accompanied by construction documents and other information as required in section 106.1. 5. Be signed by the owner, or the owner's representative. 6. Give such other data and information as required by the building official. 7. Identify and clearly indicate whether the project or portion of a project intends to utilize an industrialized unit, as defined in section 113.2. 8. Identify and clearly indicate whether the project or portion of a project intends to utilize an assembly of individually listed or labeled products.	3791.04

4101:1-1-01	Shall	107.2.1 In accordance with section 109, an adjudication order denying the issuance of a license shall specify the reasons for such denial.	3791.04
4101:1-1-01	Shall	107.3 Construction documents submitted for approval shall be examined for compliance with the rules of the board in the order received, unless otherwise consented to by the building owners affected by deferred examination.	3791.04
4101:1-1-01	Shall	107.4 When construction documents have been submitted to the building department for review and approval, the building official shall cause the construction documents to be examined for compliance with the rules of the board by assigning the examination duty to an appropriately certified master plans examiner or certified elective plans examiners.	3781.10, 3791.04
4101:1-1-01	Shall	107.4 The plans examiner(s) shall first determine whether the construction documents being reviewed are adequate as required in section 106.	3781.10, 3791.04
4101:1-1-01	Shall	107.4 If so, the plans examiner(s) shall examine the construction documents to determine compliance with the	3781.10, 3791.04
4101:1-1-01	Shall	107.4 When utilizing elective plans examiners and when the scope of the work requires more than one elective plans examiner certification, the master plans examiner shall assure coordination of plan review.	3781.10, 3791.04
4101:1-1-01	Shall	107.4.1 If construction documents are determined to be incomplete or inadequate for examination, the plans examiner shall report the findings to the building official.	3781.10, 3791.04
4101:1-1-01	Shall	107.4.1 The plans examiner shall examine the construction documents to the extent possible and identify what information from section 106 is missing and needed to complete the required examination.	3781.10, 3791.04
4101:1-1-01	Shall	107.4.1 Upon receipt and review of the report, the building official shall proceed as required in section 107.6.	3781.10, 3791.04
4101:1-1-01	Shall not	107.4.2 If construction documents are resubmitted in response to an adjudication order, the review for compliance shall be limited to determining that the item of non-compliance, and any work affected, has been corrected and shall not be deemed to authorize another review of unmodified construction documents previously determined	3781.10, 3791.04
4101:1-1-01	Shall	107.4.2 If construction documents are resubmitted in response to an adjudication order, the review for compliance shall be limited to determining that the item of non-compliance, and any work affected, has been corrected and shall not be deemed to authorize another review of unmodified construction documents previously determined	3781.10, 3791.04

4101:1-1-01	Shall	107.4.4 Construction documents for fire protection systems authorized to be submitted by individuals certified pursuant to Chapter 4101:7-5 of the Administrative Code shall: 1. When submitted under the signature of an individual certified under section 3781.105 of the Revised Code, be processed in the same manner as construction documents submitted under the signature of a registered design professional. Any statistical data, reports, explanations, plan description, or information that would not also be required for a similar submission by a registered design professional need not be submitted by a certified designer. 2. If certified by a registered design professional or individual certified under section 3781.105 of the Revised Code as conforming to requirements of the rules of the board pertaining to design loads, stresses, strength, stability, or other requirements involving technical analysis, be examined by the building department official only to the extent necessary to determine conformity of such construction documents with other requirements adopted by	3781.105
4101:1-1-01	Shall	107.5 If the construction documents are determined to comply with the rules of the board, the plans examiner shall communicate the findings and recommend the conditions and type of approval to the building official.	3781.10, 3791.04
4101:1-1-01	Shall	107.5.1 The building official shall evaluate the plans examiner's recommendations and any communications received from the fire official as described in section	3781.10, 3791.04
4101:1-1-01	Shall	107.5.1 When the construction documents have been determined to conform to the applicable provisions of the rules of the board, the building official shall endorse or stamp such plans as approved and issue the certificate of plan approval in accordance with section 105.5.	3781.10, 3791.04
4101:1-1-01	Shall	107.5.2 The certificate of plan approval shall be posted in a conspicuous location on the site.	3781.10, 3791.04
4101:1-1-01	Shall	107.5.2 The owner and the contractor shall preserve and keep the certificate posted until the final inspections have been completed.	3781.10, 3791.04
4101:1-1-01	Shall	107.6 When the construction documents are examined and items of noncompliance with the rules of the board are found by the plans examiner, the building official shall proceed as required in either section 107.6.1 or section	3781.10, 3791.04
4101:1-1-01	Shall	107.6.1 1 Item(s) of non-compliance shall be communicated to the owner or the owner's representative and offer the following options:1.1. The owner will revise the drawings and resubmit to the department. 1.2 The items of noncompliance will not be brought into compliance and will be referred to the building official as indicated in item 4 below.	3781.10, 3791.04
4101:1-1-01	Shall	107.6.1 2 The owner or the owner's representative shall indicate which option (item 1 above) will be exercised.	3781.10, 3791.04
4101:1-1-01	Shall	107.6.1 3 Notations of the communication shall be made on a plan review record.	3781.10, 3791.04

4101:1-1-01	Shall	107.6.1 3 The notations shall include the plans examiner's name, the date of the communication with the owner or the owner's representative, the observed items of noncompliance, the code citation related to the item(s) of noncompliance, the action necessary to correct the item(s) of noncompliance, the option chosen by the owner or the owner's representative, the name of the person communicated with, and the estimated dates of compliance	3781.10, 3791.04
4101:1-1-01	Shall	107.6.1 4 If the owner or the owner's representative indicates that the work will not be brought into compliance with the rules of the board or requests an adjudication order, the plans examiner shall report to the building official in accordance with section 107.6.2.	3781.10, 3791.04
4101:1-1-01	Shall	107.6.2 The building official shall evaluate the plans examiner's report and any reports received from the fire official as described in section 106.1.2 and render a final determination as to whether the items of non-compliance are to be communicated to the owner in the form of an adjudication order complying with section 109.	3781.10, 3791.04
4101:1-1-01	Shall	107.6.2 The building official shall also determine whether any approvals are possible, and issue the appropriate approval as described in section 105.	3781.10, 3791.04
4101:1-1-01	Shall	107.7 One set of approved construction documents shall be kept by the building official.	3781.10, 3791.04
4101:1-1-01	Shall	107.7 The other set(s) shall be returned to the applicant, kept at the work site, along with manufacturers' installation instructions and product information, and shall be available for use by the inspector.	3781.10, 3791.04
4101:1-1-01	Shall	107.7 The other set(s) shall be returned to the applicant, kept at the work site, along with manufacturers' installation instructions and product information, and shall be available for use by the inspector.	3781.10, 3791.04
4101:1-1-01	Shall	108.1 Construction or work for which an approval is required shall be subject to inspection.	3781.10, 3791.04
4101:1-1-01	Shall	108.1 It shall be the duty of the owner or the owner's representative to notify the building department when work is ready for inspection.	3781.10, 3791.04
4101:1-1-01	Shall	108.1 inspection. Access to and means for inspection of such work shall be provided for any inspections that are required by this code.	3781.10, 3791.04
4101:1-1-01	Shall	108.1 It shall be the duty of the owner or the owner's representative to cause the work to remain accessible and exposed for inspection purposes.	3781.10, 3791.04
4101:1-1-01	Shall	108.1 Such construction or work shall remain accessible and exposed for inspection purposes until the work has been inspected to verify compliance with the approved construction documents, but failure of the inspectors to inspect the work within four days, exclusive of Saturdays, Sundays, and legal holidays, after the work is ready for inspection, allows the work to proceed.	3781.10, 3791.04
4101:1-1-01	Shall	108.2 At the time that the certificate of plan approval is issued, the building official shall provide, to the owner or the owner's representative, a list of all required inspections	3781.10, 3791.04

4101:1-1-01	Shall	108.2 The required inspection list shall be created from the applicable inspections set forth in sections 108.2.1 to	3781.10, 3791.04
4101:1-1-01	Shall	108.2 The building official, upon notification from the owner or the owner's representative that the work is ready for inspection, shall cause the inspections set forth in the required inspection list to be made by an appropriately certified inspector in accordance with the approved	3781.10, 3791.04
4101:1-1-01	Shall	108.2.1 Before any work is started in the construction of a building or an addition to a building to which the rules of the board are applicable under section 101.2, all boundary lines shall be clearly marked at their intersections with permanent markers or with markers which are offset at a distance which is of record with the owner.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.2 Footing and foundation inspections shall be made after excavations for footings are complete and any required reinforcing steel is in place.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.2 For concrete foundations, any required forms shall be in place prior to inspection.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.2 Materials for the foundation shall be on the job, except where concrete is ready mixed in accordance with "ASTM C 94", the concrete need not be on the job.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.3 Concrete slab and under-floor inspections shall be made after in-slab and under-floor reinforcing steel and building service equipment, conduit, insulation, vapor retarder, piping accessories and other ancillary equipment items are in place, but before any concrete is placed or floor sheathing installed, including the subfloor.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.4 The elevation certification required in section 1612.5 shall be submitted to the building official.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.5 Framing inspections shall be made after the roof deck or sheathing, all framing, fire blocking and bracing are in place and pipes, chimneys and vents to be concealed are complete and the rough electrical, plumbing, heating wires, pipes and ducts are approved.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.6 Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before any plastering is applied or before gypsum board joints and fasteners are taped and finished.	3781.10, 3791.04
4101:1-1-01	Shall not	108.2.7 Protection of joints and penetrations in fire-resistance-rated assemblies shall not be concealed from view until inspected and approved.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.8 Inspections shall be made to determine compliance with Chapter 13 of the "OBC" and shall include, but not be limited to, inspections for: envelope insulation "R" and "U" values, fenestration "U" value, duct system "R" value, infiltration air barriers, caulking/sealing of openings in envelope and ductwork, and "HVAC" and water heating	3781.10, 3791.04
4101:1-1-01	Shall	108.2.8 Inspections shall be made to determine compliance with Chapter 13 of the "OBC" and shall include, but not be limited to, inspections for: envelope insulation "R" and "U" values, fenestration "U" value, duct system "R" value, infiltration air barriers, caulking/sealing of openings in envelope and ductwork, and "HVAC" and water heating	3781.10, 3791.04

4101:1-1-01	Shall	108.2.9 Inspections shall be made of all building services equipment to ensure that it has been installed in accordance with the approved construction documents, the equipment listings, and the manufacturer's installation instructions.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.9 Inspections shall include, but not be limited to, inspections for the following systems and their associated components: mechanical heating and ventilating systems, mechanical exhaust systems, plumbing systems, fire protection systems, and electrical systems.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.9.1 Inspection of work related to elevators shall be coordinated with the division of industrial compliance and made in accordance with rules adopted pursuant to Chapter 4105 of the Revised Code and as required in Section	3781.10, 3791.04
4101:1-1-01	Shall	108.2.9.1 A completed inspection form prescribed by the board shall be provided to the superintendent of the division of industrial compliance upon completion of the	3781.10, 3791.04
4101:1-1-01	Shall	108.2.9.2 Inspection of work related to boilers shall be made in accordance with rules adopted pursuant to Chapter 4104 of the Revised Code.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.10 This inspector/project representative shall keep daily records and submit reports as required by the building	3781.10, 3791.04
4101:1-1-01	Shall	108.2.10 Exception: The person shall be certified in the appropriate subfield of fire protection systems being inspected – water-based fire protection systems (formerly automatic sprinkler systems), fire alarm, or special hazards	3781.10, 3791.04
4101:1-1-01	Shall	108.2.12 When all of the required successive inspections have been satisfactorily completed and the inspectors have verified compliance with the approved construction documents, the inspectors shall communicate their findings	3781.10, 3791.04
4101:1-1-01	Shall	108.1.12 The building official, after review of the findings, shall issue the certificate of occupancy or the certificate of completion as described in section 111.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.12.1 Fire protection system final inspections shall be coordinated with the fire official in accordance with Section 901.2.1.2.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.13 Approved industrialized units and the on-site construction to complete the installation of the industrialized units shall be inspected.	3781.10, 3791.04
4101:1-1-01	Shall not	108.2.13 Such inspections shall include: 1. Connection to on-site construction, interconnection of modules, connection to utilities. The inspections and conducting of required tests shall not require the destruction or disassembly of any factory-constructed component authorized by the board. 2. Inspection of the unit for damage resulting from transportation, improper protection of exposed parts from inclement weather or other causes. Damage shall be repaired as required by the building official to comply with the applicable provisions of the rules of the board; 3. Inspection of the unit to determine if it is marked by an insignia furnished by the board; and 4. Inspect the unit to determine if the floor plan, exterior elevations, and exposed details are in conformance with the	3781.10, 3791.04

4101:1-1-01		<p>108.2.13 Such inspections shall include:</p> <ol style="list-style-type: none"> 1. Connection to on-site construction, interconnection of modules, connection to utilities. The inspections and conducting of required tests shall not require the destruction or disassembly of any factory-constructed component authorized by the board. 2. Inspection of the unit for damage resulting from transportation, improper protection of exposed parts from inclement weather or other causes. Damage shall be repaired as required by the building official to comply with the applicable provisions of the rules of the board; 3. Inspection of the unit to determine if it is marked by an insignia furnished by the board; and 4. Inspect the unit to determine if the floor plan, exterior elevations, and exposed details are in conformance with the 	3781.10, 3791.04
4101:1-1-01	Shall	<p>108.2.13 Such inspections shall include:</p> <ol style="list-style-type: none"> 1. Connection to on-site construction, interconnection of modules, connection to utilities. The inspections and conducting of required tests shall not require the destruction or disassembly of any factory-constructed component authorized by the board. 2. Inspection of the unit for damage resulting from transportation, improper protection of exposed parts from inclement weather or other causes. Damage shall be repaired as required by the building official to comply with the applicable provisions of the rules of the board; 3. Inspection of the unit to determine if it is marked by an insignia furnished by the board; and 4. Inspect the unit to determine if the floor plan, exterior elevations, and exposed details are in conformance with the 	3781.10, 3791.04
4101:1-1-01	Shall	<p>108.4 Where permission to enter has not been obtained, is denied, or the building official has probable cause to believe that there exists in a structure or upon a premises a condition which is a serious hazard the building official shall proceed as required in section 109 and shall also have recourse to the remedies provided by law to secure entry.</p>	3781.10, 3791.04
4101:1-1-01	Shall	<p>108.4 Where permission to enter has not been obtained, is denied, or the building official has probable cause to believe that there exists in a structure or upon a premises a condition which is a serious hazard the building official shall proceed as required in section 109 and shall also have recourse to the remedies provided by law to secure entry.</p>	3781.10, 3791.04
4101:1-1-01	Shall	<p>108.5 When an inspector from the department having jurisdiction finds that completed work is in accordance with the approved construction documents, the inspector shall communicate the findings to the owner or owner's representative, shall make a note of the inspection on an on-site inspection record and in the inspector's log, and communicate their findings to the building official.</p>	3781.10, 3791.04

4101:1-1-01	Shall	108.5 When an inspector from the department having jurisdiction finds that completed work is in accordance with the approved construction documents, the inspector shall communicate the findings to the owner or owner's representative, shall make a note of the inspection on an on-site inspection record and in the inspector's log, and communicate their findings to the building official.	3781.10, 3791.04
4101:1-1-01	Shall	108.5 The building official, after review of the findings, shall issue the certificate of occupancy or certificate of completion in accordance with section 111.	3781.10, 3791.04
4101:1-1-01	Shall	108.6 When an inspector from the department having jurisdiction finds that any work in connection with the location, erection, construction, repair, alteration, moving, or equipment of a building is contrary to the approved construction documents for the same, the building inspector shall proceed as required in either section 108.6.1 or 108.7.	3781.10, 3791.04
4101:1-1-01	Shall	108.6.1 2 The owner or the owner's on-site representative shall indicate which option (item 1 above) will be exercised	3781.10, 3791.04
4101:1-1-01	Shall	108.6.1 3 Notations on the on-site inspection record and in the inspector's log shall be made.	3781.10, 3791.04
4101:1-1-01	Shall	108.6.1 3 The notations shall include the inspector's name, the date of the inspection, the type of inspection, the observed items of noncompliance, the option chosen by the owner or the owner's on-site representative, the name of the person communicated with, and the estimated dates of compliance and follow-up inspections, if applicable.	3781.10, 3791.04
4101:1-1-01	Shall	108.6.1 4 If the owner or the owner's on-site representative indicates that the work will not be brought into compliance with the approved construction documents, the inspector shall submit a report to the building official for the final determination of noncompliance in accordance	3781.10, 3791.04
4101:1-1-01	Shall	108.6.2 If an inspector, in the course of performing the assigned or requested inspections, observes a code violation that was either shown incorrectly or not adequately addressed or detailed in the approved construction documents, the inspector shall communicate the finding to the building official so that the building official can make a determination of whether the code violation is of such significance to warrant communicating the finding to the owner or the owner's representative as a notice of	3781.10, 3791.04
4101:1-1-01	Shall	108.6.4 When an inspector from the department having jurisdiction finds that an industrialized unit has been constructed contrary to the plans approved by the board, the inspector shall report the nonconformance to the building	3781.10, 3791.04
4101:1-1-01	Shall	108.6.4 The building official shall notify the board of all violations of section 108.2.13. The board or its designee and the building official shall determine the corrective action to be taken before the building is approved to be occupied.	3781.10, 3791.04
4101:1-1-01	Shall	108.6.4 The building official shall notify the board of all violations of section 108.2.13. The board or its designee and the building official shall determine the corrective action to be taken before the building is approved to be occupied.	3781.10, 3791.04

4101:1-1-01	Shall	108.7 The building official shall evaluate the inspector's report and render a final determination as to whether the items of non-compliance are to be communicated to the owner in the form of an adjudication order complying with section 109 or whether any additional approvals are	3781.10, 3791.04
4101:1-1-01	Shall	108.7 The building official shall make the determination within four days of the inspector reporting as required in sections 108.6.2 and 108.6.3, exclusive of Saturdays, Sundays, and legal holidays.	3781.10, 3791.04
4101:1-1-01	Shall	108.8 Acceptance, performance, and operational testing shall be conducted as required in the applicable code or referenced standard.	3781.10, 3791.04
4101:1-1-01	Shall	108.8 Advanced notice of the test schedule shall be given to the building official.	3781.10, 3791.04
4101:1-1-01	Shall	108.8 The building official may require that the tests be conducted in the presence of the building official or certified inspector. Testing and inspection records shall be made available to the building official or inspector, upon request, at all times during the fabrication of the systems and the erection of the building.	3781.10, 3791.04
4101:1-1-01	Shall	108.8.1 Fire protection system acceptance tests shall be coordinated with the fire official in accordance with Sections 901.2.1.2 and 901.5.	3781.10, 3791.04
4101:1-1-01	Shall	108.8.2 New systems and parts of existing systems, which have been altered, extended, renovated or repaired, shall be tested as prescribed herein to disclose leaks and defects.	3781.10, 3791.04
4101:1-1-01	Shall	108.8.3 Apparatus, material and labor required for testing a system or part thereof shall be furnished by the owner or the owner's representative.	3781.10, 3791.04
4101:1-1-01	Shall	108.8.3 Required tests shall be conducted by and at the expense of the owner or the owner's representative.	3781.10, 3791.04
4101:1-1-01	Shall	108.9 Postings required by Section 1004.3 and 1603.2 shall be verified.	3781.10, 3791.04
4101:1-1-01	Shall	109.1 When the building official denies any approval or takes action in response to findings of non-compliance with the rules of the board, such action shall be initiated by issuing an adjudication order, prior to seeking any remedy,	3781.031
4101:1-1-01	Shall	109.1 Every adjudication order shall:	3781.031
4101:1-1-01	Shall	109.1 2.1 When issued to stop work, the order shall also clearly indicate the specific work that is required to cease, when the work must cease and the conditions under which the cited work will be permitted to resume. The order to stop work shall be given to the owner of the property involved, to the owner's representative and the person doing	3781.031
4101:1-1-01	Shall	109.1 2.1 When issued to stop work, the order shall also clearly indicate the specific work that is required to cease, when the work must cease and the conditions under which the cited work will be permitted to resume. The order to stop work shall be given to the owner of the property involved, to the owner's representative and the person doing	3781.031

4101:1-1-01	Shall	109.1 3 The order shall also indicate that, at the hearing, the owner may be represented by counsel, present arguments or contentions orally or in writing, and present evidence and examine witnesses appearing for or against the owner;	3781.031
4101:1-1-01	Shall	109.1 3.1 Any hearing(s) scheduled for accessibility issues shall cause the building official or the appeals board to notify a local advocate organization for people with disabilities of the scheduled hearing. When a local advocate organization is not available, a state organization representing people with disabilities, such as the	3781.19, 3781.20
4101:1-1-01	Shall	109.1 3.1 Any hearing(s) scheduled for accessibility issues shall cause the building official or the appeals board to notify a local advocate organization for people with disabilities of the scheduled hearing. When a local advocate organization is not available, a state organization representing people with disabilities, such as the	3781.19, 3781.20
4101:1-1-01	Shall	109.1 6 The order shall be sent to the owner and owner's representatives	3781.031, 3781.06, 3781.11
4101:1-1-01	Shall	109.4 Structures or existing equipment that are unsafe or unsanitary due to inadequate means of egress facilities, inadequate light and ventilation, or which constitute a fire hazard, or are otherwise dangerous to human life, shall be deemed a serious hazard.	3781.031, 3781.06, 3781.11
4101:1-1-01	Shall	109.4 Where a building is found to be a serious hazard, such hazard shall be eliminated or the building shall be vacated, and where such building, when vacated, remains a serious hazard, it shall be razed.	3781.031, 3781.06, 3781.11
4101:1-1-01	Shall	109.4 Where a building is found to be a serious hazard, such hazard shall be eliminated or the building shall be vacated, and where such building, when vacated, remains a serious hazard, it shall be razed.	3781.031, 3781.06, 3781.11
4101:1-1-01	Shall	109.4 Where a building is found to be a serious hazard, such hazard shall be eliminated or the building shall be vacated, and where such building, when vacated, remains a serious hazard, it shall be razed.	3781.031, 3781.06, 3781.11
4101:1-1-01	Shall	109.4.1 Where the building official finds that a building is a serious hazard and the owner of such building fails, in the time specified in an order from the building official, to eliminate such hazard, or to vacate or raze the building, the building official shall proceed under section 3781.15 of the	3781.031, 3781.06, 3781.11
4101:1-1-01	Shall	109.4.2 Where the structure or equipment is determined to be unsafe by the building official, it is permitted to be restored to a safe condition. To the extent that repairs, alterations or additions are intended to be made or a change of occupancy occurs during the restoration of the structure, such repairs, alterations, additions or change of occupancy shall comply with Chapter 34 and this chapter.	3781.031, 3781.06, 3781.11
4101:1-1-01	Shall	110.1 Adjudication hearings shall be in accordance with sections 119.09 to 119.13 of the Revised Code, as required by section 3781.031 of the Revised Code, and the	3781.031
4101:1-1-01	Shall	110.1 1 Requests for hearing shall be within thirty days of the mailing date of an adjudication order.	3781.032

4101:1-1-01	Shall	110.1 The local board shall schedule a hearing and notify the party.	3781.033
4101:1-1-01	Shall	110.1 If the hearing concerns section 3781.111 of the Revised Code or rules adopted thereunder, reasonable notice of time, date, place, and subject of the hearing shall be given to any local organization composed of or representing persons with disabilities, as defined in section 3781.111 of the Revised Code, or if there is no local organization, then to any statewide organization composed of or representing persons with disabilities.	3781.111, 3781.19, 3781.20
4101:1-1-01	Shall	110.1 1.2 Testimony shall be under oath and, as outlined in section 109.1, a stenographic or mechanical record of testimony and other evidence submitted shall be taken at the expense of the local board of building appeals.	3781.19, 3781.20
4101:1-1-01	Shall	110.1 1.2 Testimony shall be under oath and, as outlined in section 109.1, a stenographic or mechanical record of testimony and other evidence submitted shall be taken at the expense of the local board of building appeals.	3781.19, 3781.20
4101:1-1-01	Shall	110.1 1.4 The board shall keep a full and complete record of all proceedings which shall be open to public inspection.	3781.19, 3781.20
4101:1-1-01	Shall	110.1 1.4 The board shall keep a full and complete record of all proceedings which shall be open to public inspection.	3781.19, 3781.20
4101:1-1-01	Shall	110.1 2 The Board shall render its decision within thirty days after the hearing.	3781.19, 3781.20
4101:1-1-01	Shall	110.1 3 Following the hearing, an order shall be entered on its journal, and the local board shall serve by certified mail, return receipt requested, upon the party affected thereby, a certified copy of the order and a statement of the time and method by which an appeal may be perfected	3781.19, 3781.20
4101:1-1-01	Shall	110.1 3 Following the hearing, an order shall be entered on its journal, and the local board shall serve by certified mail, return receipt requested, upon the party affected thereby, a certified copy of the order and a statement of the time and method by which an appeal may be perfected	3781.19, 3781.20
4101:1-1-01	Shall	110.1 3 A copy of the order shall be mailed to the attorney or other representatives of record representing the party.	3781.19, 3781.20
4101:1-1-01	Shall	110.1 6 Application for a de novo hearing before the state board shall be made no later than thirty days after the municipal or county board renders its decision.	3781.19, 3781.20
4101:1-1-01	Shall	111.1 No building or structure, in whole or in part, shall be used or occupied until the building official has issued an approval in the form of a certificate of occupancy or certificate of completion in compliance with this section.	3781.10
4101:1-1-01	Shall	111.1.1 The certificate of occupancy shall indicate the conditions under which the building shall be used.	3781.10
4101:1-1-01	Shall	111.1.1 The certificate of occupancy shall indicate the conditions under which the building shall be used.	3781.10
4101:1-1-01	Shall	111.1.1 The building owner shall only use the structure in compliance with the certificate of occupancy and any stated conditions.	3781.10
4101:1-1-01	Shall	111.1.1 The structure and all approved building service equipment shall be maintained in accordance with the	3781.10

4101:1-1-01	Shall	111.1.1 When a building or structure is entitled thereto, the building official shall issue a certificate of occupancy provided there are not violations of the rules of the board or orders of the building official pending or as permitted in	3781.10
4101:1-1-01	Shall	111.1.1 A copy of the certificate of occupancy shall be forwarded to the local fire official.	3781.10
4101:1-1-01	Shall not	111.1.1.1 A building or structure erected, enlarged or extended shall not be used or occupied, in whole or in part, until the certificate of occupancy has been issued by the	3781.10
4101:1-1-01	Shall	111.1.1.1 Occupancy of spaces within a building which are unaffected by the work shall be allowed to continue if the building official determines the existing spaces can be occupied safely.	3781.10
4101:1-1-01	Shall not	111.1.1.2 Change of occupancy of an existing structure shall not be made except as specified in Chapter 34.	3781.10
4101:1-1-01	Shall not	111.1.1.2 A building or structure hereafter changed, in whole or in part, from one occupancy to another shall not be occupied for the new occupancy until the certificate of occupancy has been issued by the building official	3781.10
4101:1-1-01	Shall	111.1.1.2 Existing occupancy of spaces within the building which are unaffected by the change of occupancy and any related alterations shall be allowed to continue if the building official determines the existing spaces can be occupied safely until the completion of the alterations.	3781.10
4101:1-1-01	Shall	111.1.1.3 Upon the request of the owner or owner's representative, a building official shall issue a certificate of occupancy before the completion of the entire work, provided that the building official determines that the space can be safely occupied prior to full completion of the building, structure, or portion without endangering life or	3781.10
4101:1-1-01	Shall	111.1.1.3 The certificate shall indicate the extent of the areas approved for occupancy and any time limits for completion of the work.	3781.10
4101:1-1-01	Shall	111.1.1.5 A building intended to be erected, placed and used for a period of time not to exceed one hundred eighty days that has been determined by the building official to be in compliance with section 102.8 shall be issued a "Certificate of Occupancy for Temporary Structures."	3781.10
4101:1-1-01	Shall	111.1.2 The certificate of completion for alterations and repairs shall indicate the conditions under which the building shall be used.	3781.10
4101:1-1-01	Shall	111.1.2 The certificate of completion for alterations and repairs shall indicate the conditions under which the building shall be used.	3781.10
4101:1-1-01	Shall	111.1.2 The building owner shall only use the structure in accordance with the certificate of completion and any stated conditions.	3781.10
4101:1-1-01	Shall	111.1.2 The structure and all approved building service equipment shall be maintained in accordance with the	3781.10

4101:1-1-01	Shall	111.1.2 When the work in a building or structure is entitled thereto, the building official shall issue a certificate of completion for the work provided there are not violations of the rules of the board or orders of the building official pending or as permitted in this section.	3781.10
4101:1-1-01	Shall	111.1.2 Occupancy of spaces within a building which are unaffected by the work shall be allowed to continue if the building official determines the existing spaces can be occupied safely.	3781.10
4101:1-1-01	Shall	111.2 The certificate shall certify compliance with the provisions of this code, Chapters 3781. and 3791. of the Revised Code, and the purpose for which the building or structure may be used in its several parts.	3781.10
4101:1-1-01	Shall	111.2 The certificate of occupancy or certificate of completion shall contain the following:	3781.10
4101:1-1-01	Shall	111.2 4 The signature of all building officials having jurisdiction. When more than one building official has jurisdiction for a building (when the certification of the building department is limited for such systems as plumbing or piping systems) each shall sign the certificate with an indication of the scope of their individual approvals.	3781.10
4101:1-1-01	Shall	111.4 Upon written request from the owner of an existing building or structure, the building official shall issue a certificate of occupancy, provided there are not violations of law or orders of the building official pending, and it is established after inspection and investigation that the alleged occupancy of the building or structure has	3781.10
4101:1-1-01	Shall not	111.4 This code shall not require the removal, alteration or abandonment of, or prevent the continuance of, the occupancy of a lawfully existing building or structure, unless such use is deemed to endanger public safety and	3781.10
4101:1-1-01	Shall	111.5 No connections shall be made from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a plan approval and inspections are required, until approved by the building	3781.10
4101:1-1-01	Shall	111.6 The building official shall approve the temporary connection of the building or system to the utility source of energy, fuel or power.	3781.10
4101:1-1-01	Shall	112.1.1 The application for rule change shall be on forms and in format prescribed by the board.	3781.12
4101:1-1-01	Shall	112.1.1 Twelve printed copies of the application shall be filed with the secretary of the board.	3781.12
4101:1-1-01	Shall	112.1.2 When the secretary of the board receives a conforming application for an adoption, amendment, or annulment of a provision of the rules of the board, the secretary shall promptly deliver or mail a copy of the application to each member of the board.	3781.12
4101:1-1-01	Shall	112.1.2 After receiving an application for the adoption, amendment, or annulment of a provision of the rules of the board, the board shall proceed under sections 3781.101 and 3781.12 of the Revised Code.	3781.12

4101:1-1-01	Shall	112.2 . The building department shall exercise enforcement authority to accept and approve plans and specifications and make inspections using the rules of the board that were in effect on the date of the first application for plan approval for that project.	3791.04
4101:1-1-01	Shall	112.2 Such approvals shall be subject to the limitations of sections 105.3 and 105.4.	3781.10
4101:1-1-01	Shall	113.1 Industrialized units shall be approved by the board in accordance with the provisions in this section.	3791.04
4101:1-1-01	Shall	113.1 Exception 2 Where panels or components are constructed to include elements not provided for or accounted for in section 1704, then this section shall apply.	3791.04
4101:1-1-01	Shall	113.2.1 Such terms as heart modules or cores, modules, modulars, service cores, prefabs, sectional or sectionalized, panels or panelized construction, and specific terms including "prefabricated subassembly, building, unit, unit service equipment" shall be considered industrialized	3791.04
4101:1-1-01	Shall	113.3 The application for approval, including revisions and renewals for existing approvals, shall be submitted to the board together with the fee required in section 113.8 of this	3791.04
4101:1-1-01	Shall	113.3 The required information shall be provided as prescribed by the board on its website. Construction documents shall be included in conformity with the applicable provisions of section 106, and shall describe all essential elements of the structure or assembly and details of interconnection of: assemblies; service equipment; electrical wiring; plumbing; mechanical; and any other equipment whether installed at the site or in the	3791.04
4101:1-1-01	Shall	113.3 The required information shall be provided as prescribed by the board on its website. Construction documents shall be included in conformity with the applicable provisions of section 106, and shall describe all essential elements of the structure or assembly and details of interconnection of: assemblies; service equipment; electrical wiring; plumbing; mechanical; and any other equipment whether installed at the site or in the	3791.04
4101:1-1-01	Shall	113.3 The required information shall be provided as prescribed by the board on its website. Construction documents shall be included in conformity with the applicable provisions of section 106, and shall describe all essential elements of the structure or assembly and details of interconnection of: assemblies; service equipment; electrical wiring; plumbing; mechanical; and any other equipment whether installed at the site or in the	3791.04
4101:1-1-01	Shall	113.3 The design and construction of the units shall be in conformance with the provisions of the Ohio building, mechanical and plumbing codes based on the intended use and/or occupancy type.	3781.10
4101:1-1-01	Shall	113.3 Industrialized units intended to be used exclusively for one-, two-, or three- family dwellings shall comply with the applicable provisions of the "Residential Code of Ohio for One-, Two-, and Three- Family Dwellings" listed in section 3501.2 or shall meet the provisions of the board's	3781.10

4101:1-1-01	Shall	113.3 Industrialized units intended to be used exclusively for one-, two-, or three- family dwellings shall comply with the applicable provisions of the “Residential Code of Ohio for One-, Two-, and Three- Family Dwellings” listed in section 3501.2 or shall meet the provisions of the board’s	3781.10
4101:1-1-01	Shall	113.3.1 Each application for manufacturers with manufacturing facilities outside Ohio shall also identify the individual or agency that will be performing in-plant inspections of the units intended for placement in Ohio.	3781.10
4101:1-1-01	Shall	113.3.1 The application shall also include a letter from the designated individual or agency indicating that they have a contractual relationship with the manufacturer to perform the inspections.	3781.10
4101:1-1-01	Shall	113.3.1 This letter shall include the name(s) and board certification(s) of the individual(s) who will be assigned to perform the inspections.	3781.10
4101:1-1-01	Shall	113.3.2 Each application for manufacturers with manufacturing facilities in Ohio shall include the same information required in section 113.3.1 or, as an alternative, the manufacturer shall indicate their intention to have the inspections conducted by inspectors designated by the	3781.10
4101:1-1-01	Shall	113.3.2 Each application for manufacturers with manufacturing facilities in Ohio shall include the same information required in section 113.3.1 or, as an alternative, the manufacturer shall indicate their intention to have the inspections conducted by inspectors designated by the	3781.10
4101:1-1-01	Shall	113.4 After receipt of the application, the board or such agency designated by the board shall proceed with review of the industrialized unit construction documents and cause such inspections of the manufacturer's quality control processes used to ensure compliance with the rules of the	3781.10
4101:1-1-01	Shall	113.4.1 The board shall have the authority to require tests as evidence of compliance.	3781.10
4101:1-1-01	Shall	113.4.1 Test methods shall be as specified in this code or by other recognized test standards.	3781.10
4101:1-1-01	Shall	113.4.1 In the absence of recognized and accepted test methods, the board shall approve the testing procedures.	3781.10
4101:1-1-01	Shall	113.4.1 Tests shall be performed by an approved agency.	3781.10
4101:1-1-01	Shall	113.4.1 Reports of such tests shall be retained by the board for the period required for retention of public records.	3781.10
4101:1-1-01	Shall	113.4.2 An initial plant evaluation inspection shall be required at each plant of manufacture to observe and ensure that the manufacturer's facilities and quality control program maintains acceptable control of materials and processes used in the manufacture of industrialized units to ensure conformance with the approved construction	3781.10
4101:1-1-01	Shall	113.4.2 The plant evaluation inspection shall include all subassembly plants supplying the manufacturer, as the board may deem necessary.	3781.10
4101:1-1-01	Shall	113.5 The board, upon determination of compliance, shall issue an approval to the applicant. Industrialized units approved by the board may be used anywhere in Ohio subject to the conditions for their use and application as	3781.10

4101:1-1-01	Shall	113.5.1 Any changes to board approved construction documents affecting the conditions listed in the approval shall require a revision of the approval.	3781.10
4101:1-1-01	Shall	113.5.2 When any changes to the rules of the board are adopted which affect the use, safety or sanitation of any approved industrialized unit, the holder of the approval shall apply to the board for a revision of the approval.	3781.10
4101:1-1-01	Shall	113.5.2 Failure to apply for revision of approvals within the time specified by the board, shall constitute failure to comply with the conditions of the approval.	3781.10
4101:1-1-01	Shall	113.5.3 Upon failure of the holder of an approval to comply with the conditions of the approval and this chapter, the board, on its own motion, shall order a hearing in accordance with section 119.03 of the Revised Code to	3781.10
4101:1-1-01	Shall	113.5.4 After this two-year time period, the unit's approval is no longer valid and the unit is no longer considered an industrialized unit but shall be regulated as a moved structure in accordance with Chapter 34.	3781.10
4101:1-1-01	Shall	113.6 Each industrialized unit shall be inspected in-plant during each phase of the manufacturing process by inspectors certified by the board of such persons designated by the board until in-plant inspections demonstrate that the manufacturer's quality control program is capable of assuring that the industrialized units produced are built in accordance with the construction documents approved by	3781.10
4101:1-1-01	Shall	113.6 When it has been determined that the manufacturer's quality control program is capable of assuring compliance with the board approved construction documents, then at one overall inspection of "open" construction shall be performed in-plant for each unit by an inspector certified or	3781.10
4101:1-1-01	Shall	113.6 Exception When a manufacturer with manufacturing facilities in Ohio has chosen to have inspections conducted by designees of the board, the inspection frequency shall be based upon the reliability or effectiveness of the manufacturer in maintaining sufficient control of the materials and processes to ensure that the units are constructed in accordance with the approved construction	3781.10
4101:1-1-01	Shall	113.6 An insignia shall be obtained from the board for each industrialized unit module to be used within the state of	3781.10
4101:1-1-01	Shall	113.6 The insignia shall be affixed to each unit after a determination is made by the inspector that the unit is constructed in accordance with the construction documents approved by the Board, which shall constitute final	3781.10
4101:1-1-01	Shall	113.6 The insignia shall be affixed to each unit after a determination is made by the inspector that the unit is constructed in accordance with the construction documents approved by the Board, which shall constitute final	3781.10
4101:1-1-01	Shall	113.6 After an insignia has been affixed, the manufacturer shall record its use in shipping records, to be submitted monthly to the board, which shall record:	3781.10
4101:1-1-01	Shall	113.6 After an insignia has been affixed, the manufacturer shall record its use in shipping records, to be submitted monthly to the board, which shall record:	3781.10

4101:1-1-01	Shall	113.6.1 When an inspection determines that the quality control program does not sufficiently ensure compliance with the construction documents approved by the board, the certified inspector or person designated by the board shall, by written notification, inform the manufacturer that the inspection frequency will be increased so that each assembly or component affected by the nonconforming item	3781.10
4101:1-1-01	Shall	113.6.1 These inspections shall continue until an inspection determines that the manufacturer's control of the materials and processes used is sufficient to ensure that the units are constructed in accordance with the approved construction documents.	3781.10
4101:1-1-01	Shall	113.7 The manufacturer shall maintain responsibility over all work completed in the factory until the unit is approved for first occupancy and shall rectify any deviations from the approved construction documents, which are found either in the field or at the place of manufacture.	3781.10
4101:1-1-01	Shall	113.7 The manufacturer shall maintain responsibility over all work completed in the factory until the unit is approved for first occupancy and shall rectify any deviations from the approved construction documents, which are found either in the field or at the place of manufacture.	3781.10
4101:1-1-01	Shall	113.7 The manufacturer shall submit to the board such periodic reports, notifications and information as required by board procedures.	3781.10
4101:1-1-01	Shall	113.7.1 submission to building departments. The manufacturer shall ensure that the construction documents approved by the board are presented to the building official in accordance with section 106.1.2(1) before placing the	3781.10
4101:1-1-01	Shall	113.7.2 Whenever there are changes in company name, ownership, subsidiary status, address or change in the manufacturer's management personnel who are responsible for making policy concerning quality control, the manufacturer shall immediately notify the board, in writing, and the manufacturing plant(s) affected by the change will be subject to a plant evaluation inspection.	3781.10
4101:1-1-01	Shall	113.8 All costs associated with industrialized unit approval applications, processing, construction document review, inspections and insignias shall be in accordance with sections 113.8.1 to 113.8.5.	3781.10
4101:1-1-01	Shall	113.8.1 Each initial application or revision submittal to the board shall be accompanied by nonrefundable fees, designated by the board to include: application processing fee; one-hour minimum plan review fee; and other costs, when incurred, such as mailing and check processing.	3781.10
4101:1-1-01	Shall	113.8.2 All costs of application processing, evaluation of construction documents or other documentation submitted to the board shall be paid by the applicant.	3781.10
4101:1-1-01	Shall	113.8.3 All costs of plant evaluations and inspections shall be paid by the manufacturer of the unit including travel, food, lodging, and administrative costs.	3781.10

4101:1-1-01	Shall	113.8.4 The fee for insignia for all assembled modular units manufactured for use in the state of Ohio shall be fifty dollars per unit (any preassembled combination of walls to floor, ceilings, roof, and other such components).	3781.10
4101:1-1-01	Shall	113.8.4 The fee for insignia for all panelized units manufactured for use in the state of Ohio shall be one dollar for each twenty square feet of surface area of preassembled individual components (wall, floor, ceiling or roof sections, and other such components) intended to be shipped to the site and attached to other components at the site of intended	3781.10
4101:1-1-01	Shall	113.8.5 Tests required by the board to be performed to determine compliance pursuant to section 113.4.1, shall be conducted at no expense to the board. Costs associated with any required testing or research necessary to provide evidence of compliance shall be the responsibility of the	3781.10
4101:1-1-01	Shall	113.8.5 Tests required by the board to be performed to determine compliance pursuant to section 113.4.1, shall be conducted at no expense to the board. Costs associated with any required testing or research necessary to provide evidence of compliance shall be the responsibility of the	3781.10
4101:1-1-01	Shall	114.1 Any material, product, assembly or method of construction used in a building or structure shall be approved by the building official.	3781.10
4101:1-1-01	Shall	114.2 The following words and terms shall, for the purposes of this section, have the meanings shown herein:	3781.10
4101:1-1-01	Shall	114.3 The building official shall approve the use of products in accordance with Sections 114.3.1 through	3781.10
4101:1-1-01	Shall	114.3.1.1 When test reports are required to be submitted or when the rules of the Board require materials, products, assemblies and methods of construction to conform to specific referenced standards, the building official shall verify that the proposed material, product, assembly, and method of construction has been tested by a testing laboratory recognized by the board and published on the list titled "Recognized Conformity Assessment Bodies" found on the board's website at	3781.10
4101:1-1-01	Shall	114.3.1.1 The building official shall verify that the testing laboratory is accredited to perform the specific tests prescribed in the code by verifying the testing laboratory's "scope of accreditation" found on the testing laboratory's	3781.10
4101:1-1-01	Shall	114.3.1.2 When the rules of the Board require materials, products, assemblies and methods of construction to be marked or listed and labeled in accordance with a specific referenced standard, the building official shall verify that the proposed material, product, assembly, and method of construction has been listed and labeled by a listing agency recognized by the board and published on the list titled "Recognized Conformity Assessment Bodies" found on the board's website at http://www.com.ohio.gov/dico/bbs .	3781.10

4101:1-1-01	Shall	114.3.2 The provisions of this code are not intended to prevent the installation of any material or to prohibit any material, product, assembly or method of construction not specifically prescribed by this code, provided that any such alternative shall have a valid evaluation service report, as described in section 114.3.2.1, or listing from a product certification body recognized by the board and published on a list titled "Recognized Conformity Assessment Bodies" found on the board's website at	3781.10
4101:1-1-01	Shall	114.3.2 The alternative material, product, assembly, or method of construction shall be deemed to be approved provided it complies with the conditions listed in the evaluation service report or listing found on the product	3781.10
4101:1-1-01	Shall	114.3.2 Exception 2 Industrialized units shall be approved and constructed in accordance with section 113.1 of this	3781.10
4101:1-1-01	Shall not	114.3.3 Used products and materials shall not be reused unless approved by the building official.	3781.10
4101:1-1-01	Shall	114.4 All accreditation bodies, conformity assessment bodies, and industry trade association certification programs shall be recognized by the board in accordance with division 4101:7 of the Administrative Code.	3781.10
4101:1-1-01	Shall	115.1 1 No later than December thirty-first of each year, the board shall establish a schedule of the dates, times, and locations of all regular board meetings and meetings of board committees for the following calendar year.	3781.08
4101:1-1-01	Shall	115.1 Such schedule shall be posted on the board's website: http://www.com.ohio.gov/dico/bbs .	3781.08
4101:1-1-01	Shall	115.1 2 All meetings of the board shall be held in offices of the Ohio department of commerce, training room #1, 6606 Tussing Rd., Reynoldsburg, Ohio, 43068, unless otherwise	3781.08
4101:1-1-01	Shall	115.2 Prior to all regular or special meetings of the board, the executive secretary shall distribute the agenda, including meeting date, time, and location, by electronic mail to any person who has requested such information.	3781.08
4101:1-1-01	Shall	115.3 All rules of the board shall be adopted in accordance with Chapter 119. of the Revised Code.	3781.10
4101:1-1-01	Shall	115.4 The board shall have three standing committees.	3781.08
4101:1-1-01	Shall	115.4 1 The committee reviews proposed rule changes and petitions for code changes and shall make recommendations to the board for action.	3781.08
4101:1-1-01	Shall	115.4 2 The committee reviews continuing education course applications submitted for approval pursuant to paragraph (G) of rule 4101:7-3-01 of the Administrative Code and shall make recommendations to the board for	3781.08
4101:1-1-01	Shall	115.4 3 The committee reviews personnel and building department certification applications submitted for approval pursuant to paragraph (G) of rule 4101:7-3-01 of the Administrative Code and shall make recommendations to the board for action on the applications.	3781.08
4101:1-1-01	Must	102.10.1 Where equipment replacements and repairs must be performed in an emergency situation, an application for approval shall be submitted within the next working business day to the building official.	3781.10

4101:1-1-01	Must	106.1.1 3 Floor plans must show all relevant information such as door swings, stairs and ramps, windows, shafts, all portions of the means of egress, plumbing fixtures, built-in fixtures, special equipment, vertical transportation, etc., and shall be sufficiently dimensioned to describe all relevant	3781.10, 3791.04
4101:1-1-01	Must	106.3 If substantive changes to the building and/or systems are contemplated after first document submission, or during construction, those changes must be submitted to the building official for review and approval prior to those changes being executed.	3781.10, 3791.04
4101:1-1-01	Must	109.1 2.1 2.1 When issued to stop work, the order shall also clearly indicate the specific work that is required to cease, when the work must cease and the conditions under which the cited work will be permitted to resume.	3781.031
4101:1-1-01	Require	104.2.1.1 The building official shall receive applications, require or cause the submitted construction documents to be examined, ascertain by such examinations whether the construction indicated and described is in accordance with the requirements of this code, and shall issue plan approvals for the construction, erection, alteration, demolition, and	3781.10, 3791.04
4101:1-1-01	Shall	104.2.1.1 The building official shall require a master plans examiner or elective plans examiners to examine the construction documents to verify the construction indicated is in accordance with the requirements of this code and shall assure coordination of plan review.	3781.10, 3791.04
4101:1-1-01	Shall not	105.1.3 This code shall not require changes in the construction documents, construction or designated occupancy of a structure for which a lawful approval has previously been issued or otherwise lawfully authorized, and the construction of which has been pursued in good faith within one year of the approval of construction	3781.10, 3791.04
4101:1-1-01	Shall	106.1.2 5 5. When a certified building department receives an application for plan approval in a jurisdiction in which the local fire official has requested an opportunity to provide input to the certified building department on issues related to fire protection systems by submitting a completed "Request for Participation" form prescribed by the board and provided by the building official to the local fire official annually, the building official shall require that the applicant provide a set of relevant construction documents	3781.10, 3791.04
4101:1-1-01	Shall	106.5.2 Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional.	3781.10, 3791.04
4101:1-1-01	Shall	108.2.10 In addition to the inspections specified above, the building official is authorized to cause to be made or require other inspections of any construction work to be made to ascertain compliance with the provisions of this	3781.10, 3791.04
4101:1-1-01	Shall	108.2.10 Where applications are submitted for projects of unusual magnitude of construction, the building official may require inspections or full-time project representation by a registered design professional or inspection agency.	3781.10, 3791.04

4101:1-1-01	Shall not	108.2.13 The inspections and conducting of required tests shall not require the destruction or disassembly of any factory-constructed component authorized by the board.	3781.10, 3791.04
4101:1-1-01	Require	108.8 The building official may require that the tests be conducted in the presence of the building official or certified inspector.	3781.10, 3791.04
4101:1-1-01	Require	110.1 1.1 1.1 For purposes of conducting adjudication hearings, the local board may require attendance of witnesses, production of records and papers, and may take depositions of witnesses in accordance with section 119.09	3791.19, 3781.20
4101:1-1-01	Require	111.4 This code shall not require the removal, alteration or abandonment of, or prevent the continuance of, the occupancy of a lawfully existing building or structure, unless such use is deemed to endanger public safety and	3781.10
4101:1-1-01	Require	113.4.1 The board shall have the authority to require tests as evidence of compliance.	3781.10
4101:1-1-01	Require	113.5.1 Any changes to board approved construction documents affecting the conditions listed in the approval shall require a revision of the approval.	3781.10
4101:1-1-01	Require	114.3.1.1 When test reports are required to be submitted or when the rules of the Board require materials, products, assemblies and methods of construction to conform to specific referenced standards, the building official shall verify that the proposed material, product, assembly, and method of construction has been tested by a testing laboratory recognized by the board and published on the list titled "Recognized Conformity Assessment Bodies" found on the board's website at	3781.10
4101:1-1-01	Require	114.3.1.2 When the rules of the Board require materials, products, assemblies and methods of construction to be marked or listed and labeled in accordance with a specific referenced standard, the building official shall verify that the proposed material, product, assembly, and method of construction has been listed and labeled by a listing agency recognized by the board and published on the list titled "Recognized Conformity Assessment Bodies" found on the board's website at http://www.com.ohio.gov/dico/bbs .	3781.10
4101:1-1-01	May not	104.3.3 A certified board of building appeals may not prohibit the use of materials or assemblages authorized for statewide use by the board of building standards pursuant to section 3781.12 of the Revised Code.	3781.12
4101:1-1-01	May not	106.1.1 3 Spaces shall be identified by appropriate code appellations (an "auditorium" may not be identified as a "meeting room" if its attributes indicate that it is an	3781.10
4101:1-1-01	Prohibit	104.3.3 A certified board of building appeals may not prohibit the use of materials or assemblages authorized for statewide use by the board of building standards pursuant to section 3781.12 of the Revised Code.	3781.12

4101:1-1-01	Prohibit	114.3.2 . The provisions of this code are not intended to prevent the installation of any material or to prohibit any material, product, assembly or method of construction not specifically prescribed by this code, provided that any such alternative shall have a valid evaluation service report, as described in section 114.3.2.1, or listing from a product certification body recognized by the board and published on a list titled "Recognized Conformity Assessment Bodies" found on the board's website at	3781.10
4101-1-2-01	Shall	42 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101-1-2-01	Must	5 "must" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101-1-2-01	Require	8 "require" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101-1-2-01	Shall not	4 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101-1-2-01	May not	1 "may not" appearing as it does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101-1-2-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101-1-2-01	Shall	CHANGE OF OCCUPANCY A change of occupancy shall include any change of occupancy classification, any change from one group to another group within an occupancy classification, any change in use within a group for a specific occupancy classification or any change that causes	3781.10
4101-1-2-01	Shall	CHIMNEY TYPES Low-heat appliance type An approved chimney for removing the products of combustion from fuel-burning, low-heat appliances producing combustion gases not in excess of 1000°F (538°C) under normal operating conditions, but capable of producing combustion gases of 1400°F (760°C) during intermittent forces firing for periods up to 1 hour. Temperatures shall be measured at the	3781.10

4101-1-2-01	Shall	PERSON Whenever the word "person" is used in any section of this code prescribing a penalty or fine, as to partnerships or associations, the word shall include the partners or members thereof, and as to corporations, shall include the officer, agents or members thereof who are responsible for any violation of such section.	3781.10
4101-1-2-01	Shall	PERSON Whenever the word "person" is used in any section of this code prescribing a penalty or fine, as to partnerships or associations, the word shall include the partners or members thereof, and as to corporations, shall include the officer, agents or members thereof who are responsible for any violation of such section.	3781.10
4101-1-2-01	Shall	PRIVATE RESIDENTIAL SWIMMING POOL Any swimming pool other than a private residential swimming pool shall be classified as a public swimming pool.	3781.10
4101-1-2-01	Shall	SIGN Any fabricated panel or display structure or illuminated device consisting of any letter, figure, character, mark, picture, stroke, stripe, line, trademark, reading matter or other types of graphics, which is constructed, placed, attached, erected, fastened, or manufactured in a manner that is used for the attraction of the public to any place, subject, person, firm, corporation, public performance, article, machine, or merchandise, which is displayed outdoors for recognized advertising purposes. Signs shall be classified and conform to the requirements of those	3781.10
4101-1-2-01	Shall	SPECIAL INSPECTOR A qualified person who shall demonstrate competence for the inspection of the particular type of construction or operation requiring special	3781.10
4101-1-2-01	Shall	SPECIAL INSPECTOR A special inspector shall be an employee of an accredited special inspection agency recognized by the board in accordance with section 114 and rule 4101:7-6-01 of the Administrative Code, the registered design professional of record involved in the design of the project, or an agent contracted by the owner or registered design professional to perform special inspections whose qualifications comply with section 1704.1.	3781.10
4101-1-2-01	Require	CUSTODIAL CARE Persons who receive custodial care may or may not require assistance with evacuation depending on the occupancy and/or the "condition" in the	3781.10
4101-1-2-01	Require	TECHNICALLY INFEASIBLE An alteration of a building or a facility that has little likelihood of being accomplished because the existing structural conditions require the removal or alteration of a load-bearing member that is an essential part of the structural frame, or because other existing physical or site constraints prohibit modification or addition of elements, spaces or features which are in full and strict compliance with the minimum requirements for new construction and which are necessary to provide	3781.10

4101-1-2-01	Shall not	EMERGENCY SITUATION An incident requiring a response to prevent loss of life or injury at a school building involving an active shooter or similar occurrence where normal evacuation could put occupants at risk, but shall not include fire, tornado/earthquake, building collapse, boiler failure, or similar occurrence caused by natural activity or	3781.10
4101-1-2-01	Shall not	FIRE LANE A fire lane shall not be interpreted to mean a residential and/or public street.	3781.10
4101-1-2-01	Shall not	NONCOMBUSTIBLE MATERIALS The recorded temperature of the surface and interior thermocouples shall not at any time during the test rise more than 54°F (30°C) above the furnace temperature at the beginning of the test.	3781.10
4101-1-2-01	Shall not	NONCOMBUSTIBLE MATERIALS There shall not be flaming from the specimen after the first 30 seconds.	3781.10
4101-1-2-01	Shall not	NONCOMBUSTIBLE MATERIALS If the weight loss of the specimen during the testing exceeds fifty percent, the recorded temperature of the surface and the interior thermocouples shall not at any time during the test rise above the furnace air temperature at the beginning of the test, and there not be flaming of the specimen.	3781.10
4101-1-2-01	May not	CUSTODIAL CARE Persons who receive custodial care may or may not require assistance with evacuation depending on the occupancy and/or the “condition” in the	3781.10
4101-1-2-01	Prohibit	TECHNICALLY INFEASIBLE An alteration of a building or a facility that has little likelihood of being accomplished because the existing structural conditions require the removal or alteration of a load-bearing member that is an essential part of the structural frame, or because other existing physical or site constraints prohibit modification or addition of elements, spaces or features which are in full and strict compliance with the minimum requirements for new construction and which are necessary to provide	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-3-01	Shall	97 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-3-01	Require	2 "require" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-3-01	Shall not	11 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-3-1	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10

4101:1-3-1	Shall	301.1 The provisions of this chapter shall control the classification of all buildings and structures as to use and occupancy and are established to organize and prescribe the appropriate features of construction and occupant safety requirements for buildings and are not established for compliance with any conditions of licensure which are outside the jurisdiction of this code.	3781.10
4101:1-3-1	Shall	308.1 Exception: Ambulatory care facilities and outpatient clinics shall be classified as Group B.	3781.10
4101:1-3-1	Shall	308.3.1 Buildings of Group I-1 shall be classified as one of the occupancy conditions specified in Section 308.3.1.1 or	3781.10
4101:1-3-1	Shall	308.5.2 Buildings containing five or fewer persons who are being secured or restrained shall be classified as part of the primary occupancy.	3781.10
4101:1-3-1	Shall	310.1.1 The “Residential Code of Ohio for One-, Two-, or Three- Family Dwellings” shall apply to structures comprised exclusively of one-, two-, or three-family dwellings (having independent exits) and their accessory	3781.10
4101:1-3-1	Shall	310.1.2 A building with both shared exits and independent exits shall be classified Group R-2, unless the shared exit is not a required exit, in which case, the building shall be classified Group R-3.	3781.10
4101:1-3-1	Shall	310.1.2 A building with both shared exits and independent exits shall be classified Group R-2, unless the shared exit is not a required exit, in which case, the building shall be classified Group R-3.	3781.10
4101:1-3-1	Shall	310.3.2 (8) Accessibility requirements of Chapter 11 of this code shall apply.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-3-1	Shall not	310.3.2.1 Exceptions: Semi-primitive transient lodging structures shall not be required to comply with the following provisions of the Residential Code of Ohio.	3781.10
4101:1-3-1	Shall	310.3.2.1(7) Accessibility requirements of Chapter 11 of this code shall apply	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-3-1	Shall not	310.3.2.2 Exceptions: Primitive or semi-primitive transient lodging structures greater than 400 sq. ft. in area shall not be required to comply with the following provisions of the Residential Code of Ohio	3781.10
4101:1-3-1	Shall	310.3.2.2(7) Accessibility requirements of Chapter 11 of this code shall apply	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-3-1	Shall	310.3.3 A boarding house or congregate living building intended for transient occupancy for ten or fewer persons, shall be classified as Group R-2 or Group R-3 occupancies depending on exiting arrangements.	3781.10
4101:1-3-1	Shall	310.4.1 A care facility with shared exit for five or fewer persons receiving care shall be classified as Group R-2.	3781.10
4101:1-3-1	Shall	310.4.4 A boarding house or congregate living in a dwelling unit with an independent exit for sixteen or fewer persons shall be classified as Group R-3.	3781.10
4101:1-3-1	Shall	310.5.1 A care facility with an independent exit for five or fewer persons receiving care shall be classified as Group R-	3781.10

4101:1-3-1	Shall	310.5.2 A Group R-3 two- or three-family dwelling used exclusively as care facilities for an aggregate of five or fewer persons receiving care but are capable of self-preservation shall be permitted to comply with the construction requirements of the “Residential Code of Ohio for One-, Two-, or Three- Family Dwellings.”	3781.10
4101:1-3-1	Shall	310.5.2 A Group R-3 one-, two- or three-family dwelling used exclusively as care facilities for an aggregate of five or fewer persons receiving care and are incapable of self-preservation shall be permitted to comply with the construction requirements of the “Residential Code of Ohio for One-, Two-, or Three- Family Dwellings” provided an automatic sprinkler system is installed in all of the dwelling units in accordance with Sections 903.3.1.1, 903.3.1.2, 903.3.1.3 or Section 2904 of the “Residential Code of Ohio for One-, Two-, or Three- Family Dwellings.”	3781.10
4101:1-3-1	Shall	310.5.5 (6) Fire separation between units within a grouping of two units, including a unit located partially or totally above another unit, shall be in accordance with the RCO section 302.2. Fire separation between any grouping of two units and other adjacent units shall be in accordance with RCO sections 302.2 through 302.6	3781.10
4101:1-3-1	Shall	310.5.5 (6) Fire separation between units within a grouping of two units, including a unit located partially or totally above another unit, shall be in accordance with the RCO section 302.2. Fire separation between any grouping of two units and other adjacent units shall be in accordance with RCO sections 302.2 through 302.6	3781.10
4101:1-3-1	Shall	310.5.5(7) Chapter 1 of the OBC shall be applicable for code administration purposes;	3781.10
4101:1-3-1	Shall	310.5.5(8) The edition of NFPA 70 listed in Chapter 35 of the OBC shall be applicable for electrical components, equipment, and system requirements;	3781.10
4101:1-3-1	Shall	310.5.5(9) The mechanical code shall apply for mechanical appliances, equipment, and system requirements, including fuel gas requirements;	3781.10
4101:1-3-1	Shall	310.5.5(10) The plumbing code shall apply for plumbing fixtures, equipment, water supply, and sanitary systems	3781.10
4101:1-3-1	Shall	310.5.5(11) Chapter 13 of this code shall apply for energy conservation; and	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-3-1	Shall	310.5.5(12) Except for Items 7 through 11 above, the edition of standards listed in Chapter 35 of this code shall be used when the same standard is referenced in Chapter 44 of the “Residential Code of Ohio for One-, Two-, and Three-	3781.10
4101:1-3-1	Shall	310.5.6 A boarding house or congregate living building for more than sixteen persons shall be classified as Group R-2	3781.10
4101:1-3-1	Shall	310.6 Where Group R-4 design criteria is not provided in this code, the construction shall meet the requirements for Group R-3.	3781.10
4101:1-3-1	Shall	310.6.1 Buildings of Group R-4 shall be classified as one of the occupancy conditions specified in Section 310.6.1.1	3781.10

4101:1-3-1	Require	305.3 A day care facility that provides care for more than five but no more than 100 children 2 ½ years or less of age and the day care facilities are at the level of exit discharge, and where every room where care is provided has no fewer than one exterior exit door for which the exit access and exit discharge do not require the traversing of stairs.	3781.10
4101:1-3-1	Require	308.6.1 A day care facility that provides care for more than five but no more than 100 children 2 ½ years or less of age and the day care facilities are at the level of exit discharge, and where every room where care is provided has no fewer than one exterior exit door for which the exit access and exit discharge do not require the traversing of stairs, shall be	3781.10
4101:1-4-1	Shall	890 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-4-1	Require	6 "require" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-4-1	Shall not	98 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-4-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-4-01	Shall	402.3 As a condition of the certificate of occupancy, such plans shall be kept current by the owner.	3781.10
4101:1-4-01	Shall	406.7 The installation of the fuel tanks, the dispensing equipment, and the operational requirements at a motor fuel dispensing facility shall be in accordance with chapter 23 of the fire code and enforced by the fire official.	3781.10
4101:1-4-01	Shall	412.4 Airport traffic control towers shall conform to the requirements of Chapter 11.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-4-01	Shall	414.5 These building features shall be enforced by the building official.	3781.10
4101:1-4-01	Shall	414.5 The design, installation, dispensing, use, and storage of hazardous materials within a building shall be regulated by the fire code and enforced by the fire official	3781.10
4101:1-4-01	Shall	414.5 The building official shall be notified as required in Sections 106.1.1 (item #16), 106.1.2 (item #7), and 414.1.3.	3781.10
4101:1-4-01	Shall	414.5 Exception 1 The design, installation, and storage of flammable or combustible liquids or gases and the associated piping connected to and supplying emergency or standby generators shall comply with Section 2702.1.1.1.1 and shall be enforced by the building official	3781.10

4101:1-4-01	Shall	414.5 Exception 1 The design, installation, and storage of flammable or combustible liquids or gases and the associated piping connected to and supplying emergency or standby generators shall comply with Section 2702.1.1.1.1 and shall be enforced by the building official	3781.10
4101:1-4-01	Shall	414.5 Exception 2 The design, installation, and storage of hazardous materials, flammable or combustible liquids or gases supplying and piped to other building service equipment shall be in accordance with the applicable provisions of this code, the mechanical code, the plumbing code, or the International Fuel Gas Code and shall be	3781.10
4101:1-4-01	Shall	414.5 Exception 2 The design, installation, and storage of hazardous materials, flammable or combustible liquids or gases supplying and piped to other building service equipment shall be in accordance with the applicable provisions of this code, the mechanical code, the plumbing code, or the International Fuel Gas Code and shall be	3781.10
4101:1-4-01	Shall	414.6 The outdoor storage, dispensing and use of hazardous materials, flammable or combustible liquids or gases supplying and piped to building service equipment shall be in accordance with the applicable provisions of this code, the mechanical code, the plumbing code, the fire code, or the International Fuel Gas Code and shall be enforced by	3781.10
4101:1-4-01	Shall	414.6 The outdoor storage, dispensing, and use of all other hazardous materials shall be regulated by the fire code and enforced by the fire official.	3781.10
4101:1-4-01	Shall	415.6.1 Exception. All buildings used in the manufacturing, storage, or sale of fireworks shall be located in accordance with the fire code.	3743, 3781.10, 3781.11
4101:1-4-01	Shall	415.9.1 The storage, handling, and processing of the flammable and combustible liquids shall be in accordance with the fire code and enforced by the fire official.	3781.10
4101:1-4-01	Shall	415.9.1 Exception: The design, installation, registration, and inspection of regulated underground storage tanks shall be in accordance with the fire code and rules adopted by the state fire marshal and enforced by the fire official, in accordance with sections 3737.87 to 3737.89 of the Revised	3737.87, 3737.89, 3781.10
4101:1-4-01	Shall	415.10.5 In addition to other applicable provisions of this code and the fire code, this section shall apply to all structures where consumer fireworks, 1.4G, are located for display, sales, or storage.	3743, 3781.10, 3781.11
4101:1-4-01	Shall not	415.10.5.1 Group H-3 fire areas used for the display and sale of consumer fireworks, 1.4G, shall not exceed five thousand square feet.	3743, 3781.10, 3781.11
4101:1-4-01	Shall	415.10.5.2 Areas used for the display and sale of consumer fireworks, 1.4G, shall be separated from areas used for the storage of consumer fireworks, 1.4 G, with fire walls that comply with Section 706.	3743, 3781.10, 3781.11
4101:1-4-01	Shall	415.10.5.3 A smoke control system shall be provided throughout all display and sales areas in accordance with	3743, 3781.10, 3781.11
4101:1-4-01	Shall not	415.10.5.4 Awnings, tents, and canopies shall not be used for the display, sale or storage of consumer fireworks, 1.4G.	3743, 3781.10, 3781.11

4101:1-4-01	Shall not	415.10.5.5 Horizontal exits shall not be used as a required exit leading from display and sales areas.	3743, 3781.10, 3781.11
4101:1-4-01	Shall	415.11.6 The construction documents shall identify the types and quantities of hazardous materials proposed to be used in the facility to the extent necessary to enable the building official to determine compliance with this code	3781.10, 4101.42
4101:1-5-01	Shall	146 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-5-01	Shall not	52 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-5-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-5-01	Shall	506.3.1 A fire lane shall have an unobstructed width of not less than 20 feet (6096 mm), except for approved security gates, and an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm).	3781.10
4101:1-6-01	Shall	53 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-6-01	Shall not	5 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-6-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-7-01	Shall	859 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-7-01	Must	3 "must" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10

4101:1-7-01	Require	14 "require" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-7-01	Shall not	114 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-7-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-7-01	Shall	706.1.2 A double fire wall shall consist of two back-to-back walls where there shall be no structural connections	3781.10
4101:1-7-01	Shall	706.1.2 A double fire wall shall consist of two back-to-back walls where there shall be no structural connections	3781.10
4101:1-7-01	Shall	706.2 Double fire walls shall be supported laterally by the building frame on its respective side and shall be independent of the fire wall and framing on the opposite side, except for the foundation and flashing.	3781.10
4101:1-7-01	Shall	706.2 Double fire walls shall be supported laterally by the building frame on its respective side and shall be independent of the fire wall and framing on the opposite side, except for the foundation and flashing.	3781.10
4101:1-7-01	Shall	706.8.1 Openings in double fire walls shall be protected using one fire door in each wall or where the opening provides for a means of egress, the doors shall be installed in a vestibule that encloses the opening on each side of the	3781.10
4101:1-7-01	Shall	706.8.1 Openings in double fire walls shall be protected using one fire door in each wall or where the opening provides for a means of egress, the doors shall be installed in a vestibule that encloses the opening on each side of the	3781.10
4101:1-7-01	Shall	717.4 Dampers equipped with fusible links, internal operators, or both shall be provided with an access door that is not less than 12 in. (305 mm) square or provided with a removable duct section in accordance with NFPA 80.	3781.10
4101:1-7-01	Shall	717.5.2 Flexible air connectors shall not be prohibited in fully ducted sheet steel duct systems where the installation meets either of the following	3781.10
4101:1-7-01	Shall not	717.5.2 Exception 3.2 The flexible air connectors shall not pass through any walls, floors or ceilings.	3781.10
4101:1-7-01	Shall not	717.5.4 Exception 4 Flexible air connectors shall not be prohibited in fully ducted sheet steel duct systems where the installation meets either of the following	3781.10
4101:1-7-01	Shall not	717.5.4 Exception 4.2 The flexible air connectors shall not pass through any walls, floors or ceilings.	3781.10

4101:1-8-01	Shall	89 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-8-01	Shall not	26 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-8-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-8-01	Shall	Table 803.11 Note m. Where Group R-3 and R-4 occupancies are permitted in Section 903.2.8 to be protected by an automatic sprinkler system installed in accordance with Section 903.3.1.3 the requirements for a	3781.10
4101:1-9-01	Shall	778 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-9-01	Must	1 "must" appearing as it does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-9-01	Require	12 "require" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-9-01	Shall not	73 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-9-01	Prohibit	3 "prohibit" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-9-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-9-01	Shall	901.2.1 Prior to the start of fire protection system installation, alteration, repair, or removal, the owner or the owner's representative shall make application and obtain plan approval from the building official for the proposed work in accordance with Section 106 of the building code.	3781.10

4101:1-9-01	Shall	901.2.1.1 The building official shall evaluate the local fire official's comments and incorporate items of noncompliance with this code into the building department plan review process as outlined in Section 107.6.	3781.10
4101:1-9-01	Shall	901.2.1.1 In the absence of timely input from the fire official during the plan review process, the building official shall proceed as outlined in Section 107.5.1.	3781.10
4101:1-9-01	Shall	901.3 Termination of fire alarm monitoring services shall be in accordance with Section 901.9 of the fire code.	3781.10
4101:1-9-01	Shall	901.4 Prior to issuance of the certificate of plan approval, the building official shall communicate with the local fire official to verify that the proposed threads are compatible with those currently used by the fire department.	3781.10
4101:1-9-01	Shall	901.5 Test results shall be documented and certificates shall be submitted to the building official and the fire official upon completion.	3781.10
4101:1-9-01	Shall	901.5 Test results shall be documented and certificates shall be submitted to the building official and the fire official upon completion.	3781.10
4101:1-9-01	Shall	901.5 Copies of test records and certificates shall also be maintained at the jobsite and made available to the inspector conducting the fire protection systems final	3781.10
4101:1-9-01	Shall	901.9 Welding and brazing of all metallic fire protection piping shall be done in accordance with Section 313 of the mechanical code.	3781.10, 4104.44
4101:1-9-01	Shall	903.3.6 Prior to issuance of the certificate of plan approval, the building official shall communicate with the local fire official to verify that the proposed threads are compatible with those currently used by the fire department.	3781.10
4101:1-9-01	Shall	904.14 Aerosol fire-extinguishing systems shall be installed, periodically inspected, tested and maintained in accordance with Sections 901 and 904.4, NFPA 2010, and in accordance with their listing.	3781.10
4101:1-9-01	Shall	904.14 Such devices and appurtenances shall be listed and installed in compliance with manufacturer's instructions.	3781.10
4101:1-9-01	Shall	905.3 Where these systems are installed, the hose connections shall be installed in the locations indicated in Section 905.4, 905.5, and 905.6.	3781.10
4101:1-9-01	Shall	906.1 Exception 1.2 In Group E occupancies, portable fire extinguishers shall be required only in locations specified in Items 2 through 6 where each classroom is provided with a portable fire extinguisher having a minimum rating of 2-	3781.10
4101:1-9-01	Shall	907.5.2 Audible and visual alarm notification appliances shall be located and installed in accordance with this section, NFPA 72, Chapter 11, and ICC A117.1.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-9-01	Shall	909.13.1 Exception 1 Combustible pneumatic tubing exposed within a plenum shall have a peak optical density not greater than 0.50, an average optical density not greater than 0.15, and a flame spread of not greater than 5 feet (1524 mm) when tested in accordance with UL 1820.	3781.10

4101:1-9-01	Shall	909.13.1 Exception 1 Combustible pneumatic tubing exposed within a plenum shall have a peak optical density not greater than 0.50, an average optical density not greater than 0.15, and a flame spread of not greater than 5 feet (1524 mm) when tested in acc	3781.10
4101:1-9-01	Shall	909.13.1 Exception 1 Combustible pneumatic tubing shall be listed and labeled.	3781.10
4101:1-9-01	Shall	912.3 Prior to issuance of the certificate of plan approval, the building official shall communicate with the local fire official to verify that the proposed threads are compatible with those currently used by the fire department.	3781.10
4101:1-9-01	Must	903.2.8 Exception 5 All dwelling units in the fire area must have separations as required by Section 708.1 for dwelling	3781.10
4101:1-9-01	Require	901.5 The building official may require that the acceptance tests be conducted in the presence of a certified building inspector or certified fire protection system inspector.	3781.10
4101:1-9-01	Require	903.2.3 (3) Exception An automatic sprinkler system is not required in day care facilities that provide care for more than five but no more than 100 children 2 ½ years or less of age and the day care facilities are at the level of exit discharge and where every room where care is provided has no fewer than one exterior exit door for which the exit access and exit discharge do not require the traversing of	3781.10
4101:1-9-01	Require	903.2.6 Exception 2 An automatic sprinkler system is not required where Group I-4 day care facilities are at the level of exit discharge and where every room where care is provided has no fewer than one exterior exit door for which the exit access and exit discharge do not require the	3781.10
4101:1-10-01	Shall	872 "shall" throughtout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-10-01	Must	4 "must" throughtout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-10-01	Require	19 "require" throughtout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-10-01	Shall not	175 "shall not" throughtout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-10-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10

4101:1-10-01	Shall	1001.1 Where Chapter 11 and this chapter have provisions relating to the same content, both chapters shall apply.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-10-01	Shall	1006.2.2.6 Where Group R-3 occupancies are permitted by Section 903.2.8 to be protected by an automatic sprinkler system installed in accordance with Section 903.3.1.3, the exit access travel distance for Group R-3 shall not be more	3781.10
4101:1-10-01	Shall not	1006.2.2.6 Where Group R-4 occupancies are permitted by Section 903.2.8 to be protected by an automatic sprinkler system installed in accordance with Section 903.3.1.3, the exit access travel distance for Group R-4 shall not be more	3781.10
4101:1-10-01	Shall	1006.2.2.7 Exit access shall be provided from electrical equipment workspaces as follows:	3781.10
4101:1-10-01	Shall	1006.2.2.7(1) Electrical workspaces having electrical equipment rated 1200 amperes or more and over 6 ft (1.8 m) wide containing overcurrent devices, switching devices or control devices shall have exit access openings provided from the required working space at each end of the working	3781.10
4101:1-10-01	Shall	1006.1.1.7(1) The exit access openings shall be at least 24 inches (610 mm) wide and 6.5 ft (2 m) high. A single exit access opening from the required working space shall be permitted where access to the opening is continuous and unobstructed or where extra working space is provided in accordance with Article 110.26 (C)(2)(b) of NFPA 70.	3781.10
4101:1-10-01	Shall	1006.2.2.7(1) Where an exit access doorway is provided and the door is located less than 25 ft (7.6 m) from the nearest edge of the working space, the door(s) shall be equipped with panic hardware in accordance with Section	3781.10
4101:1-10-01	Shall	1006.2.2.7(2) Where an exit access doorway(s) is provided and is located less than 25 ft (7.6 m) from the nearest edge of the working space, the door shall be equipped with panic hardware in accordance with Section 1010.1.10.	3781.10
4101:1-10-01	Shall	1006.2.2.8 Exit access doorways shall be provided from elevator machine rooms and control rooms when required by Section 2.7.3.4 of ASME A17.1 as referenced in rule 4101:5-3-01 of the Administrative Code.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-10-01	Shall	1010.1.9.7(9) The procedures for the operation(s) of the unlocking system shall be described and approved as part of the emergency planning and preparedness required by Chapter 4 of the fire code.	3781.10
4101:1-10-01	Shall	1010.1.9.7(10) All clinical staff shall have the keys, codes or other means necessary to operate the locking devices.	3781.10
4101:1-10-01	Shall not	1010.1.9.7 Exception: In Group I-2 occupancies, items 1 through 3 shall not apply to doors to areas where persons, because of clinical needs, require restraint or containment as part of the function of a mental hospital.	3781.10
4101:1-10-01	Shall	1010.1.10 Where an exit access doorway is provided from an electrical equipment workspace, the door shall be equipped with panic hardware or fire exit hardware as required in Articles 110.26(C)(3), 110.31(A)(4), and	3781.10
4101:1-10-01	Shall	1010.4 A temporary door locking device shall be permitted when approved by the building official and noted on the certificate of occupancy only in school buildings where the requirements of sections 1010.4.1 and 1010.4.2 are met.	3781.10, 3781.106

4101:1-10-01	Shall	1010.4.1 A temporary door locking device shall only be used on doors under the following conditions:	3781.10, 3781.106
4101:1-10-01	Shall	1010.4.1(2) The temporary door locking device shall only be used in an emergency situation and during active shooter	3781.10, 3781.106
4101:1-10-01	Shall	1010.4.1(4) The temporary door locking device shall only be engaged for a finite period of time as determined by the administrative authority of a school building in accordance with the school safety plan adopted pursuant to section 3313.536 of the Revised Code	3781.10, 3781.106
4101:1-10-01	Shall	1010.4.1(6) In-service training on the use of the temporary door locking device is provided for school staff members and records verifying this training shall be maintained on file and provided to the fire official upon request.	3781.10, 3781.106
4101:1-10-01	Shall	1010.4.2 The temporary door locking device shall be permitted to be used in accordance with the following items	3781.10, 3781.106
4101:1-10-01	Shall not	1010.4.2(1) The temporary door locking device shall not be permanently mounted to the door.	3781.10, 3781.106
4101:1-10-01	Shall not	1010.4.2(2) The removal of the temporary door locking device, after it is engaged, shall not require more than one	3781.10, 3781.106
4101:1-10-01	Shall	1025.1 However, when non-required luminous egress path markings are installed, they shall be installed in accordance with this section to the extent of the installation.	3781.10
4101:1-10-01	Require	1010.1.9.7(10) Exception In Group I-2 occupancies, items 1 through 3 shall not apply to doors to areas where persons, because of clinical needs, require restraint or containment as part of the function of a mental hospital.	3781.10, 3781.106
4101:1-10-01	Require	1010.4.2(2) The removal of the temporary door locking device, after it is engaged, shall not require more than one	3781.10, 3781.106
4101:1-11-01	Shall	280 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Must	1 "must" appearing as it does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Require	4 "require" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall not	34 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10

4101:1-11-01	Shall	1101.2. Any references to ICC A117.1 throughout this code shall be applied with the amendments indicated in section 1112 of this chapter.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1103.2.15 Existing buildings shall comply with Section 3411.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1109.16 Where provided, mail receptacles shall be accessible in accordance with Sections 1109.16.1 or	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1109.16.1 Where mail receptacles are provided for Accessible, Type A or Type B dwelling and sleeping units, accessible mail receptacles shall be provided in accordance with 1109.16.1.1 or 1109.16.1.2.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1109.16.1.1 Where each individual mail compartment of a centralized mail receptacle is assigned to a specific dwelling unit or sleeping unit, the individual mail compartments shall comply with 1109.16.1.1.1 or 1109.16.1.1.2.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1109.16.1.1.1 In a structure without an elevator, all individual mail compartments assigned to Accessible Units, Type A Units and Type B Units in each location shall be	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1109.16.1.1.2 In a structure with an elevator, fifty percent of all individual mail compartments in each location shall	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1109.16.1.1.2 Individual mail compartments assigned to Accessible and Type A units shall be included in the accessible mailboxes.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1109.16.1.1.2 In addition to the individual mail compartments assigned to dwelling or sleeping units, an additional number of individual mail compartments that is equal to ten percent of the total number of dwelling units and sleeping units, but not less than one, at each location	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1109.16.1.1.3 All parcel lockers of centralized mail receptacles shall be accessible.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1109.16.1.2 Where an individual house-mounted or curbside mail receptacle serves a dwelling unit or sleeping unit that is required to be an Accessible unit, Type A unit or Type B unit, the mail receptacle shall be accessible.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1109.16.2 Where mail receptacles are provided in occupancies not falling within the purview of Section 1109.16.1, at least 5 percent, but not less than one, of each type in each location, shall be accessible.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1110.1 Recreational facilities located within a building that is within the scope of this code shall comply with this	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1110.1.8.2 Exception 3 3. Amusement rides that do not provide seats that are built-in or mechanically fastened shall not be required to comply with this section.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1110.4.15 Buildings and amenities serving a golf course, such as parking areas, golf cart rental stations, toilet rooms, clubhouses and other structures shall be accessible and be located on an accessible route.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1111.1.1 Accessible parking spaces, van-accessible spaces and passenger loading zones required by section 1106 to be reserved for individuals with disabilities, shall be provided with a sign mounted on a fixed or movable post or otherwise affixed in a vertical position so that the sign is clearly visible to the driver of a vehicle when parked in such	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601

4101:1-11-01	Shall	1111.1.1 A notice shall be affixed to this sign or posted adjacent to it that states the amount of the fine established by section 4511.99 of the Revised Code for the offense of parking a vehicle in this location if it is not legally entitled	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1111.1.1 Note The fine established by section 4511.99 of the Revised Code shall be not less than two hundred fifty dollars nor more than five hundred dollars.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1112.1 The text and content of ICC A117.1 shall be modified as indicated in Sections 1112.2 through 1112.5	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1112.3(2) Change Section 404.1 to read: General. Doors, doorways and gates that are part of the accessible route shall comply with Section 404.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1112.3(2) Gates shall comply with the requirements for doors.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1112.4(1) Change the last sentence in Section 603.3 to read: Where mirrors are located above counters that do not contain lavatories, the mirror shall be mounted with the bottom edge of the reflecting surface 35 inches (890 mm) maximum above the floor.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Shall	1112.4(2) Change Section 604.10.2 to read: Size. The minimum area of an ambulatory accessible compartment shall be 60 inches (1525 mm) minimum in depth and a width of 35 inches (890 mm) minimum and 37 inches (940	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-11-01	Must	1110.4.8.2 Note: Coordination must be performed for amusement rides regulated by the Ohio department of agriculture to determine whether the ride provides at least one wheelchair space, amusement ride seat designed for transfer, or transfer device.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-12-01	Shall	120 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-12-01	Shall not	5 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-12-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-12-01	Shall	1208.1 Spaces and kitchens required by Chapter 11 to be accessible or in Type A or Type-B units, shall be designed to comply with Chapter 11.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-13-01	Shall	2 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10

4101:1-13-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-13-01	Shall	1301.2 The following changes shall be made to the International Energy Conservation Code:	3781.10
4101:1-13-01	Shall	1301.2(2) Section R402.4.1.2, the first sentence shall be modified to read as follows:	3781.10
4101:1-13-01	Shall	1301.2(2) "The building or dwelling unit shall be tested and verified as having an air leakage rate not exceeding 4 air changes per hour at 50 Pascals."	3781.10
4101:1-13-01	Shall	1301.2(3) Section R402.4.2 shall read "Fireplaces.	3781.10
4101:1-13-01	Shall	1301.2(3) New wood-burning fireplaces shall have doors or tight-fitting flue dampers and outdoor combustion air.	3781.10
4101:1-13-01	Shall	1301.2(3) If using tight-fitting doors on factory-built fireplaces listed and labeled in accordance with UL 127, the doors shall be tested and listed for the fireplace."	3781.10
4101:1-13-01	Shall	1301.2(4) Section R403.2.3 shall read "Building cavities (Mandatory).	3781.10
4101:1-13-01	Shall not	1301.2(4) Building framing cavities shall not be used as supply ducts."	3781.10
4101:1-13-01	Shall	1301.2(1) 1 Section C101.4.3 a.Exception 5 shall read "Roof recover or roof repair."	3781.10
4101:1-13-01	Shall	1301.2(1) b. Exception 6 shall read:	3781.10
4101:1-13-01	Shall	1301.2(1) b. "Roofs without insulation in the cavity and where the sheathing or insulation is exposed during reroofing shall be insulated either above or below the	3781.10
4101:1-13-01	Shall	1301.2(3) For roof replacements, where the existing roof assembly is part of the building thermal envelope and contains insulation entirely above deck, roof replacement shall include compliance with the requirements of Table C402.1.2 or Table C402.2."	3781.10
4101:1-13-01	Shall	1301.3 The following changes shall be made to the ASHRAE 90.1:	3781.10
4101:1-14-01	Shall	284 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-14-01	Shall not	53 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-15-01	Shall	445 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10

4101:1-15-01	Must	1 "must" appearing as it does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-15-01	Require	7 "require" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-15-01	Shall not	44 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-15-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-15-01	Shall	1510.1 The provisions of this section shall govern the construction of rooftop structures. Section 3107.10 shall govern the construction of rooftop signs.	3781.10
4101:1-16-01	Shall	350 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-16-01	Require	4 "require" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-16-01	Shall not	34 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-16-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-16-01	Shall	1602.2 Where the live loads for which each floor or portion thereof of a commercial or industrial building is or has been designed to exceed 50 psf (2.40 kN/m ²), such design live loads shall be conspicuously posted by the owner in that part of each story in which they apply, using durable signs.	3781.10
4101:1-16-01	Shall	1602.2 It shall be unlawful to remove or deface such	3781.10
4101:1-16-01	Shall	1608.3 Where these values are deemed inadequate because of record snowfall or experience, higher ground snow loads shall be determined and adopted by the local jurisdiction.	3781.10

4101:1-16-01	Shall	1612.3 All buildings and structures which have been determined to require flood resistant construction by the local flood plain administrator of a community participating in the "National Flood Insurance Program (NFIP)," or by the Ohio department of natural resources for communities in the "NFIP", shall be constructed as required by the provisions of this section and the local authority's flood	3781.10, 3781.111, 44 CFR Parts 59-77
4101:1-16-01	Require	1612.3 All buildings and structures which have been determined to require flood resistant construction by the local flood plain administrator of a community participating in the "National Flood Insurance Program (NFIP)," or by the Ohio department of natural resources for communities in the "NFIP", shall be constructed as required by the provisions of this section and the local authority's flood	3781.10, 3781.111, 44 CFR Parts 59-77
4101:1-17-01	Shall	183 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-17-01	Must	1 "must" appearing as it does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-17-01	Require	4 "require" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-17-01	Shall not	11 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-17-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-17-01	Shall	1704.2.5.1 Such fabricator inspection agency shall be recognized by the board in accordance with rule 4101:7-6-01 of the Administrative Code.	3781.10
4101:1-17-01	Shall	1705.3.2 In the absence of sufficient data or documentation providing evidence of conformance to quality standards for materials in Chapters 19 and 20 of ACI 318, shall be in accordance with the appropriate standards and criteria for the material in Chapters 19 and 20 of ACI 318.	3781.10
4101:1-18-01	Shall	531 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10

4101:1-18-01	Require	5 "require" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-18-01	Shall not	86 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-18-01	Prohibit	9 "prohibit" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-18-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-18-01	Shall	1803.5.10 Where setbacks or clearances other than those required in Section 1808.7 are desired, a geotechnical investigation shall be performed by a registered design professional to demonstrate that the intent of Section 1808.7 would be satisfied.	3781.10
4101:1-18-01	Shall	1803.5.10 A copy of the report of the geotechnical investigation shall be submitted to the building official.	3781.10
4101:1-19-01	Shall	96 throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-19-01	Shall not	1 "shall not" appearing as it does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-19-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-20-01	Shall	3 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10

4101:1-20-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-21-01	Shall	274 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-21-01	Shall not	42 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-21-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-22-01	Shall	65 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-22-01	Require	2 "require" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-22-01	Shall not	1 "shall not" appearing as it does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-22-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-23-01	Shall	572 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-23-01	Must	3 "must" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10

4101:1-23-01	Shall not	62 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-23-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-24-01	Shall	114 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-24-01	Shall not	10 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-24-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-25-01	Shall	96 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-25-01	Require	1 "require" appearing as it does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-25-01	Shall not	12 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-25-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-26-01	Shall	195 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10

4101:1-26-01	Require	1 "require" appearing as it does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-26-01	Shall not	35 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-26-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-27-01	Shall	36 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-27-01	Require	1 "require" appearing as does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-27-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-27-01	Shall	2701.2 Electrical appliances and fixtures within the scope of this code shall be tested and listed in published reports of inspected electrical equipment by an approved agency and installed in accordance with all instructions included as part	3781.10
4101:1-27-01	Shall	2702.1.1.1 The installation of liquid- and gas-fueled stationary internal combustion engines and gas turbines used to drive generator assemblies shall meet the	3781.10
4101:1-27-01	Shall	2702.1.1.1.1 Engine-mounted tanks located outdoors may be located in accordance with Section 4.1.4 of NFPA 37 and shall be vented in accordance with NFPA 30.	3781.10
4101:1-27-01	Shall	2702.1.1.1.1.1 Engine-mounted tanks shall be provided with adequate clearance to enable filling, maintenance, and testing, shall be safeguarded against public access, and shall be protected from impact.	3781.10
4101:1-27-01	Shall	2702.1.1.1.1.1 Engine-mounted tanks shall be provided with adequate clearance to enable filling, maintenance, and testing, shall be safeguarded against public access, and shall be protected from impact.	3781.10

4101:1-27-01	Shall	2702.1.1.1.1 Engine-mounted tanks shall be provided with adequate clearance to enable filling, maintenance, and testing, shall be safeguarded against public access, and shall be protected from impact.	3781.10
4101:1-27-01	Shall	2702.1.1.1.2 Fuel tanks, other than engine-mounted tanks, piped to and supplying the generator engine shall be located, installed, and vented in accordance with the applicable sections of NFPA 37 or located, installed, and vented in accordance with NFPA 30.	3781.10
4101:1-27-01	Shall	2702.1.1.1.2 Where an internal combustion engine supplied with gaseous fuel powers emergency or standby generators, the fuel gas storage and piping system shall comply with NFPA 37 and the "International Fuel Gas Code".	3781.10
4101:1-27-01	Shall	2702.1.2 Emergency power systems and standby power systems shall be installed in accordance with this code and	3781.10
4101:1-27-01	Shall	2702.1.2 The performance, classification, transfer, testing, and maintenance of emergency and standby power systems shall also comply with either NFPA 110 (liquid- and gas-fueled systems) or NFPA 111 (battery and inertia systems),	3781.10
4101:1-27-01	Shall	2703.1 Penetrations of walls, floors, ceilings and assemblies required to have a fire-resistance rating, shall be protected in accordance with Chapter 7.	3781.10
4101:1-27-01	Shall	2703.1 Where cables, conductors and raceways penetrate fireblocking or draftstopping, such penetrations shall be protected by filling the annular space with an approved	3781.10
4101:1-27-01	Shall	2703.2 The cutting, notching and boring of wood and steel framing members, structural members and engineered wood products shall be in accordance with this code and as prescribed by the registered design professional.	3781.10
4101:1-27-01	Shall not	2704.1 Smoke detectors required by this code and installed within dwelling units shall not be connected as the only load on a branch circuit.	3781.10
4101:1-27-01	Shall	2704.1 Such detectors shall be supplied by branch circuits having lighting loads consisting of lighting outlets in	3781.10
4101:1-28-01	Shall	2 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-28-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-29-01	Shall	32 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10

4101:1-29-01	Require	1 "require" appearing as does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-29-01	Shall not	15 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-29-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-29-01	Shall	2902.1 This alternate basis shall be included in the special stipulations and conditions section of the certificate of occupancy issued for that structure pursuant to section 111.	3781.10
4101:1-29-01	Shall	2902.1.2 The plumbing fixtures located in single-user toilet facilities and bathing rooms, including family or assisted-use toilet and bathing rooms that are required by Section 1109.2.1 shall contribute towards the total number of required plumbing fixtures for a building or tenant space.	
4101:1-29-01	Shall	2902.1.2 Single-user toilet facilities and bathing rooms, and family or assisted-use toilet and bathing rooms shall be identified for use by either sex.	3781.10
4101:1-29-01	Shall not	Table 2902.1 Note g. In each bathroom or toilet room, urinals shall not be substituted for more than 67 percent of the required water closets in assembly and educational	3781.10
4101:1-29-01	Shall not	Table 2902.1 Note g. Urinals shall not be substituted for more than 50 percent of the required water closets in all other occupancies.	3781.10
4101:1-29-01	Shall not	2902.2 Exception 4 Separate facilities shall not be required in business occupancies in which the maximum occupant load is 25 or fewer.	3781.10
4101:1-29-01	Shall	2902.3.1 Where such access is controlled, a sign shall be posted indicating how access is to be obtained.	3781.10
4101:1-30-01	Shall	144 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-30-01	Require	1 "require" appearing as does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-30-01	Shall not	13 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10

4101:1-30-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-30-01	Shall	3001.6 The superintendent of the division of industrial compliance shall enforce all provisions of rules 4101:5-1-01 to 4101:5-3-02 and rules 1301:3-6-01 to 1301:3-6-06 of the Administrative Code relating to the design, construction, repair, alteration, and maintenance of elevators and elevator controls as defined in rule 4101:5-1-02 of the	3781.10
4101:1-30-01	Shall	3001.6 All requirements within the standards referenced in "Table 4101:5-3-01" of rule 4101:5-3-01 of the Administrative Code that relate to the construction of the building and the building service equipment located within an elevator hoistway enclosure, hoistway, machine room, machine space, control room and control space such as, but not limited to, requirements for wall materials, wall fire resistance ratings, fire and/or smoke dampers, means of egress doors and hardware, ladders, air conditioning systems, ventilation systems, fire protection systems, lighting systems, electrical power supply to the elevator controls, lighting switches, electrical disconnects and selective coordination of overcurrent protective devices (OCPD), plumbing, sanitary piping, and sump pits shall be enforced by the building official having jurisdiction as	3781.10
4101:1-30-01	Shall	3008.6.5 Signage shall comply with Chapter 11 and ICC A117.1	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-31-01	Shall	111 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-31-01	Shall not	9 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-31-01	Prohibit	1 "prohibit" appearing as it does in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-31-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10

4101:1-31-01	Shall not	3103.1.3 Temporary tents and temporary membrane structures having either of the following characteristics shall not be erected, operated or maintained for any purpose without first obtaining an approval from the building	3781.10
4101:1-31-01	Shall	3103.1.3 For the purpose of determining required distances, support ropes and guy wires shall be considered as part of the temporary tent or membrane structure.	3781.10
4101:1-31-01	Shall	3107.1.1 Construction documents for signs shall be submitted for approval in accordance with the provisions of	3781.10
4101:1-31-01	Shall	3107.1.1 The application for approval shall be accompanied by the written consent of the owner or lessee of the property upon which the sign is to be erected.	3781.10
4101:1-31-01	Shall not	3107.3 Signs shall not be erected in a manner that would confuse or obstruct the view of or interfere with exit signs required by Chapter 10.	3781.10
4101:1-31-01	Shall not	3107.3 Signs shall not be erected, constructed so as to obstruct any fire escape or any window or door or opening used as a means of egress.	3781.10
4101:1-31-01	Shall not	3107.3 Signs shall not be attached to fire escapes, nor shall they be placed in such a manner as to interfere with any opening required for ventilation.	3781.10
4101:1-31-01	Shall not	3107.3 Signs shall not be attached to fire escapes, nor shall they be placed in such a manner as to interfere with any opening required for ventilation.	3781.10
4101:1-31-01	Shall	3107.4 Every outdoor sign shall be plainly marked with the name of the person, firm or corporation erecting and maintaining the sign.	3781.10
4101:1-31-01	Shall	3107.5 Signs shall be constructed to comply with the structural requirements of this section.	3781.10
4101:1-31-01	Shall	3107.5.1 Signs shall be designed and constructed to withstand all structural loads as provided for in Chapter 16.	3781.10
4101:1-31-01	Shall	3107.5.2 The allowable working stresses for signs shall conform with the requirements of Chapter 16.	3781.10
4101:1-31-01	Shall not	3107.5.2 The working stresses of supports and their fastenings shall not exceed 25 per cent of their ultimate	3781.10
4101:1-31-01	Shall	3107.5.2 Exception 1 The allowable working stresses for steel and wood shall be in accordance with the provisions of Chapter 22 and Chapter 23.	3781.10
4101:1-31-01	Shall not	3107.5.2 Exception 2 The working strength of chains, cables, wire ropes, steel rods and similar products shall not exceed one-fifth of their ultimate strength.	3781.10
4101:1-31-01	Shall	3107.5.3 Signs shall be securely fastened to supporting structures with anchors, bolts, expansion screws or other approved devices to safely support the loads applied.	3781.10
4101:1-31-01	Shall not	3107.6 A sign shall not be illuminated by other than electrical means, and electrical devices and wiring shall be installed in accordance with the requirements of Chapter 27.	3781.10
4101:1-31-01	Shall	3107.6 A sign shall not be illuminated by other than electrical means, and electrical devices and wiring shall be installed in accordance with the requirements of Chapter 27.	3781.10
4101:1-31-01	Shall	3107.6 Any open spark or flame shall not be used for display purposes unless approved by the building official.	3781.10

4101:1-31-01	Shall not	3107.6.1 Except as provided for in sections 402.16 and 2611, where internally illuminated signs have sign facings of wood or approved plastic, the area of such facing section shall not be more than 120 ft. ² (11.16 m ²) and the wiring for electric lighting shall be entirely enclosed in the sign cabinet with a clearance of not less than 2 inches (51 mm)	3781.10
4101:1-31-01	Shall	3107.6.1 Except as provided for in sections 402.16 and 2611, where internally illuminated signs have sign facings of wood or approved plastic, the area of such facing section shall not be more than 120 ft. ² (11.16 m ²) and the wiring for electric lighting shall be entirely enclosed in the sign cabinet with a clearance of not less than 2 inches (51 mm)	3781.10
4101:1-31-01	Shall not	3107.6.1 Exception. The dimensional limitation of 120 ft. ² (11.16 m ²) shall not apply to sign facing sections made from flame resistant-coated fabric (ordinarily known as “flexible sign face plastic”) that weighs less than 20 oz./yd. ² (678 g/m ²) and which, when tested in accordance with NFPA 701, meets the fire propagation performance requirements of both Test 1 and 2 or that when tested in accordance with an approved test method, exhibits an average burn time of 2 seconds or less and a burning extent	3781.10
4101:1-31-01	Shall	3107.6.2 Signs that require electrical service shall comply with the requirements of Chapter 27.	3781.10
4101:1-31-01	Shall	3107.7 Wood, approved plastic or plastic veneer panels as provided for in Chapter 26, or other materials of combustible characteristics similar to wood, used for moldings, copings, nailing blocks, letters, latticing and similar features shall comply with section 3107.9, and shall not be used for other ornamental features of signs unless	3781.10
4101:1-31-01	Shall not	3107.7 Wood, approved plastic or plastic veneer panels as provided for in Chapter 26, or other materials of combustible characteristics similar to wood, used for moldings, copings, nailing blocks, letters, latticing and similar features shall comply with section 3107.9, and shall not be used for other ornamental features of signs unless	3781.10
4101:1-31-01	Shall	3107.7.1 Notwithstanding any other provisions of this code, plastic materials which burn at a rate no faster than 2.5 inches per minute (64 mm/s) when tested in accordance with ASTM D 635 shall be deemed approved plastics and may be used as the display surface material and for the letters, decorations and facings on signs and outdoor display	3781.10
4101:1-31-01	Shall not	3107.7.2 Individual plastic facings of electric signs shall not exceed 200 square feet (18.6 m ²) in area.	3781.10
4101:1-31-01	Shall	3107.7.3 If the display surface exceeds 200 ft. ² (18.6 m ²) the area occupied or covered by approved plastics shall be limited to 200 ft. ² (18.6 m ²) plus 50 per cent of the difference between 200 ft. ² (18.6 m ²) and the area of display surface	3781.10
4101:1-31-01	Shall not	3107.7.3 The area of plastic on a display surface shall not in any case exceed 1,100 ft. ² (102 m ²).	3781.10
4101:1-31-01	Shall	3107.8 Signs that contain moving sections or ornaments shall have fail-safe provisions to prevent the section or ornament from releasing and falling.	3781.10

4101:1-31-01	Shall	3107.8 The fail-safe device shall be in addition to the mechanism that operates the movable section or ornament.	3781.10
4101:1-31-01	Shall	3107.8 The fail-safe device shall be capable of supporting the full dead load of the section or ornament when the moving mechanism releases.	3781.10
4101:1-31-01	Shall	3107.9 Roof signs which have an area exceeding 40 ft. ² (3.72 m ²) shall be constructed entirely of metal or other approved noncombustible material.	3781.10
4101:1-31-01	Shall	3107.9 Provisions shall be made for electric grounding of metallic parts.	3781.10
4101:1-31-01	Shall	3107.9 Where combustible materials are permitted in letters or other ornamental features, wiring and tubing shall be kept free and insulated therefrom.	3781.10
4101:1-31-01	Shall	3107.9 Roof signs shall be so constructed as to leave a clear space of not less than 6 feet (1,829 mm) between the roof level and the lowest part of the sign and shall have at least 5 feet (1,524 mm) clearance between the vertical	3781.10
4101:1-31-01	Shall	3107.9 Roof signs shall be so constructed as to leave a clear space of not less than 6 feet (1,829 mm) between the roof level and the lowest part of the sign and shall have at least 5 feet (1,524 mm) clearance between the vertical	3781.10
4101:1-31-01	Shall	3107.9 No portion of a roof sign structure shall project beyond an exterior wall unless it also complies with the requirements for projecting signs.	3781.10
4101:1-31-01	Shall	3107.9.1 The bearing components of roof signs shall distribute the load directly upon the supporting structure for the building. The building shall be designed to resist the loads imposed by roof signs. All signs shall be securely fastened to the building upon which they are installed to	3781.10
4101:1-31-01	Shall	3107.9.1 The building shall be designed to resist the loads imposed by roof signs.	3781.10
4101:1-31-01	Shall	3107.9.1 All signs shall be securely fastened to the building upon which they are installed to safely support the loads	3781.10
4101:1-31-01	Shall not	3170.9.2 Open roof signs in which the uniform open area is not less than 40 per cent of total gross area shall not exceed a height of 75 feet (22 860 mm) on buildings of Type I or Type II construction.	3781.10
4101:1-31-01	Shall not	3107.9.2 On buildings of other construction types, the height shall not exceed 40 feet (12, 192 mm).	3781.10
4101:1-31-01	Shall not	3107.9.3 A closed roof sign shall not be erected to a height greater than 50 feet (15 240 mm) above the roof of buildings of Types I and II construction, nor more than 35 feet (10 668 mm) above the roof of buildings of Types III,	3781.10
4101:1-31-01	Shall	3107.10 Wall signs which have an area exceeding 40 ft. ² (3.72 m ²) shall be constructed of metal or other approved noncombustible material.	3781.10
4101:1-31-01	Shall	3107.10.1 Wall signs shall be securely attached to exterior walls to safely support the loads applied.	3781.10
4101:1-31-01	Shall not	3107.10.1 A wall sign shall not be supported by anchorages secured to an unbraced parapet wall.	3781.10

4101:1-31-01	Shall not	3107.10.2 Wall signs shall not extend above the top of the wall, nor extend beyond the the walls to which the signs are attached unless such signs conform to the requirements for roof signs, projecting signs or ground signs.	3781.10
4101:1-31-01	Shall	3107.11 Projecting signs which have an area exceeding 40 ft. ² (3.72 m ²) shall be constructed entirely of metal or other noncombustible material and be securely attached to the building or structure with supports in a manner that safely supports the loads applied.	3781.10
4101:1-31-01	Shall not	3107.11 Projecting signs not parallel to the building or structure shall be supported with approved means.	3781.10
4101:1-31-01	Shall	3107.11 Such signs shall be designed and erected to resist the structural loads specified in Chapter 16	3781.10
4101:1-31-01	Shall	3107.11.1 Supports shall be securely anchored to the building or structure with bolts, expansion screws or other	3781.10
4101:1-31-01	Shall not	3107.11.2 Supports used for projecting signs are permitted to be fastened to exterior walls with expansion bolts, machine screws or other approved means, but such supports shall not be attached to unbraced parapet walls.	3781.10
4101:1-31-01	Shall not	3107.11.3 A projecting sign shall not be erected on the wall of any building so as to project above the top of the wall.	3781.10
4101:1-31-01	Shall	3107.11.3 Exception: A sign attached to a corner of a building and parallel to the vertical line of such corner shall be deemed to be erected at a right angle to the building wall.	3781.10
4101:1-31-01	Shall	3107.11.4 Projecting sign structures which may be used to support an individual on a ladder or other service equipment, whether or not specifically designed for the service equipment, shall be capable of supporting the anticipated load, but it shall not be less than a 100 pound (445 N) concentrated horizontal load and a 300 pound (1,334 N) concentrated vertical load applied at the point of	3781.10
4101:1-31-01	Shall not	3107.11.4 Projecting sign structures which may be used to support an individual on a ladder or other service equipment, whether or not specifically designed for the service equipment, shall be capable of supporting the anticipated load, but it shall not be less than a 100 pound (445 N) concentrated horizontal load and a 300 pound (1,334 N) concentrated vertical load applied at the point of	3781.10
4101:1-31-01	Shall	3107.11.4 The building component to which the projecting sign is attached shall also be designed to support the	3781.10
4101:1-31-01	Shall	3107.12 Marquee signs which have an area exceeding 40 ft. ² (3.72 m ²) shall be constructed entirely of metal or other approved noncombustible material.	3781.10
4101:1-31-01	Shall	3107.12.1 Marquee signs shall be attached to approved marquees that are constructed in accordance with section	3781.10
4101:1-31-01	Shall not	3107.12.2 Dimensions. Marquee signs, whether on the front or side of the marquee, shall not project beyond the perimeter of the marquee.	3781.10
4101:1-31-01	Shall not	3107.12.3 Marquee signs shall not extend more than 6 feet (1829 mm) above, nor more than 1 foot (305 mm) below the marquee unless approved by the building official.	3781.10

4101:1-31-01	Shall	3107.13 Combination signs shall conform to the requirements for pole, projecting and roof signs to the extent such features are incorporated from each type.	3781.10
4101:1-31-01	Shall	3109.1 Swimming pools and all appurtenant structures, installations and equipment shall comply with the requirements of Sections 3109.2 through 3109.5, other applicable sections of this code and Ohio department of health rules pertaining to swimming pools and their service equipment (Chapter 3701-31) of the Administrative Code, pursuant to Chapter 3749. of the Revised Code).	3747.03, 3781.10
4101:1-31-01	Shall	3109.1 Swimming pool facilities shall be accessible in accordance with ICC A117.1 to the extent required in	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-31-01	Shall not	3109.1.1 A public swimming pool or appurtenances thereto shall not be constructed, installed, enlarged or altered until plans for those elements subject to this code have been submitted and approval has been obtained from the code	3781.10
4101:1-31-01	Shall	3109.1.1 Copies of these approvals shall be obtained by the applicant and submitted as part of the supporting data for the plan approval application.	3781.10
4101:1-31-01	Shall	3109.1.2 Plans shall accurately show dimensions and construction of the pool and appurtenances and properly established distances to lot lines, buildings, walks and fences, as well as details of the water supply system, drainage and water disposal systems, and all appurtenances pertaining to the swimming pool.	3781.10
4101:1-31-01	Shall	3109.1.2 Detailed plans of structures, vertical elevations and sections through the pool showing depth shall be	3781.10
4101:1-31-01	Shall	3109.3 Public swimming pools shall be completely enclosed by a fence or similar barrier not less than 4 feet (1290 mm) in height or a screen enclosure.	3781.10
4101:1-31-01	Shall not	3109.3 Openings in the fence shall not permit the passage of a 4-inch-diameter (102 mm) sphere.	3781.10
4101:1-31-01	Shall	3109.3 The fence or screen enclosure shall be equipped with self-closing and self-latching gates.	3781.10
4101:1-31-01	Shall	3109.3 Gates provided and functioning as an element of a building's required means of egress shall comply with the requirements of Section 1008.2.	3781.10
4101:1-31-01	Shall	3109.4 Residential swimming pools shall be completely enclosed by a barrier complying with Sections 3109.4.1	3781.10
4101:1-31-01	Shall	3109.4.1 The top of the barrier shall be not less than 48 inches (1219 mm) above grade measured on the side of the barrier that faces away from the swimming pool.	3781.10
4101:1-31-01	Shall	3109.4.1 The vertical clearance between grade and the bottom of the barrier shall be not greater than 2 inches (51 mm) measured on the side of the barrier that faces away from the swimming pool.	3781.10
4101:1-31-01	Shall	3109.4.1 Where the top of the pool structure is above grade, the barrier is authorized to be at ground level or mounted on top of the pool structure, and the vertical clearance between the top of the pool structure and the bottom of the barrier shall be not greater than 4 inches (102 mm).	3781.10
4101:1-31-01	Shall not	3109.4.1.1 Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm) sphere	3781.10

4101:1-31-01	Shall not	3109.4.1.2 Solid barriers which do not have openings shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.	3781.10
4101:1-31-01	Shall	3109.4.1.3 Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the swimming pool side of the fence.	3781.10
4101:1-31-01	Shall	3109.4.1.3 Spacing between vertical members shall be not greater than 1 3/4 inches (44 mm) in width.	3781.10
4101:1-31-01	Shall	3109.4.1.3 Where there are decorative cutouts within vertical members, spacing within the cutouts shall be not greater than 1 3/4 inches (44 mm) in width.	3781.10
4101:1-31-01	Shall	3109.4.1.4 Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143 mm) or more, spacing between vertical members shall be not greater than 4 inches (102 mm).	3781.10
4101:1-31-01	Shall	3109.4.1.4 Where there are decorative cutouts within vertical members, spacing within the cutouts shall be not greater than 1 3/4 inches (44 mm) in width.	3781.10
4101:1-31-01	Shall	3109.4.1.5 Mesh size for chain link fences shall be not greater than a 2 1/4-inch square (57 mm square) unless the fence is provided with slats fastened at the top or the bottom that reduce the openings to not more than 1 3/4 inches (44	3781.10
4101:1-31-01	Shall	3109.4.1.6 Where the barrier is composed of diagonal members, the opening formed by the diagonal members shall be not greater than 1 3/4 inches (44 mm).	3781.10
4101:1-31-01	Shall	3109.4.1.7 Access doors or gates shall comply with the requirements of Sections 3109.4.1.1 through 3109.4.1.6 and shall be equipped to accommodate a locking device.	3781.10
4101:1-31-01	Shall	3109.4.1.7 Access doors or gates shall comply with the requirements of Sections 3109.4.1.1 through 3109.4.1.6 and shall be equipped to accommodate a locking device.	3781.10
4101:1-31-01	Shall	3109.4.1.7 Pedestrian access doors or gates shall open outward away from the pool and shall be self-closing and have a self-latching device.	3781.10
4101:1-31-01	Shall	3109.4.1.7 Pedestrian access doors or gates shall open outward away from the pool and shall be self-closing and have a self-latching device.	3781.10
4101:1-31-01	Shall	3109.4.1.7 Doors or gates other than pedestrian access doors or gates shall have a self-latching device.	3781.10
4101:1-31-01	Shall	3109.4.1.7 Release mechanisms shall be in accordance with Sections 1010.1.9 and 1109.13.	3781.10
4101:1-31-01	Shall	3109.4.1.7 Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) above the finished surface, the release mechanism shall be located on the pool side of the door or gate 3 inches (76 mm) or more, below the top of the door or gate, and the door or gate and barrier shall be without openings greater than 1/2 inch (12.7 mm) within 18 inches (457 mm) of the	3781.10

4101:1-31-01	Shall	3109.4.1.7 Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) above the finished surface, the release mechanism shall be located on the pool side of the door or gate 3 inches (76 mm) or more, below the top of the door or gate, and the door or gate and barrier shall be without openings greater than $\frac{1}{2}$ inch (12.7 mm) within 18 inches (457 mm) of the	3781.10
4101:1-31-01	Shall	3109.4.1.8 Where a wall of a dwelling serves as part of the barrier, one of the following shall apply:	3781.10
4101:1-31-01	Shall	3109.4.1.8 1. Doors with direct access to the pool through that wall shall be equipped with an alarm that produces an audible warning when the door or its screen, if present, are	3781.10
4101:1-31-01	Shall	3109.4.1.8 1. The alarm shall be listed and labeled in accordance with UL 2017.	3781.10
4101:1-31-01	Shall	3109.4.1.8 1. In dwellings not required to be Accessible units, Type A units or Type B units, the deactivation switch shall be located 54 inches (1372 mm) or more above the threshold of the door.	3781.10
4101:1-31-01	Shall	3109.4.1.8 1. In dwellings required to be Accessible units, Type A units or Type B units, the deactivation switch shall be located not higher than 54 inches (1372 mm) and not less than 48 inches (1219 mm) above the threshold of the door	3781.10
4101:1-31-01	Shall	3109.4.1.8 2. The pool shall be equipped with a power safety cover that complies with ASTM F 1346.	3781.10
4101:1-31-01	Shall	3109.4.1.8 3. Other means of protection, such as self-closing doors with self-latching devices, which are approved, shall be accepted so long as the degree of protection afforded is not less than the protection provided	3781.10
4101:1-31-01	Shall	3109.4.1.9 Where an above-ground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, then the ladder or steps either shall be capable of being secured, locked or removed to prevent access, or the ladder or steps shall be surrounded by a barrier that meets the requirements of Sections 3109.4.1.1 through 3109.4.1.8.	3781.10
4101:1-31-01	Shall	3109.4.1.9 Where an above-ground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, then the ladder or steps either shall be capable of being secured, locked or removed to prevent access, or the ladder or steps shall be surrounded by a barrier that meets the requirements of Sections 3109.4.1.1 through 3109.4.1.8.	3781.10
4101:1-31-01	Shall not	3109.4.1.9 Where the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter (102 mm) sphere.	3781.10
4101:1-31-01	Shall not	3109.4.2 Walls surrounding indoor swimming pools shall not be required to comply with Section 3109.4.1.8.	3781.10
4101:1-31-01	Shall	3109.4.3 Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.	3781.10

4101:1-31-01	Shall	3109.5 Suction outlets shall be designed and installed in accordance with ANSI/APSP-7 and applicable Ohio department of health rules pertaining to swimming pools and their service equipment (Chapter 3701-31 of the	3781.10
4101:1-31-01	Shall	3109.6 Pools and towers or slide structures shall be engineered and designed to withstand the expected forces to which those structures will be subjected.	3781.10
4101:1-31-01	Shall	3109.6.1 Ladders or stairs conforming with the manufacturer's recommended installation instructions shall be provided for structures 3 meters or less in height.	3781.10
4101:1-31-01	Shall	3109.6.1 Ladders or stairs conforming with the manufacturer's recommended installation instructions shall be provided for structures 3 meters or less in height.	3781.10
4101:1-31-01	Shall	3109.7 Water supply and cross connection control shall be in accordance with rules of the Ohio department of health.	3781.10
4101:1-31-01	Shall	3109.7.1 Deck drainage shall be directed to a storm water system or otherwise disposed of in an approved manner.	3781.10
4101:1-31-01	Shall	3109.7.1 Decks for indoor pools shall be provided with separate deck drainage unless specifically exempted by the Ohio department of health.	3781.10
4101:1-31-01	Shall	3109.8 All appurtenant structures, installations and equipment, such as showers, slide structures, dressing rooms, equipment houses, or other buildings and structures, including plumbing, heating and air conditioning systems, shall comply with all applicable requirements of this code.	3781.10
4101:1-31-01	Shall	3109.8.1 All swimming pool accessories shall be designed, constructed and installed so as not to be a safety hazard.	3781.10
4101:1-31-01	Shall	3109.8.1 Installations or structures for diving purposes shall be properly anchored to insure stability.	3781.10
4101:1-31-01	Shall	3109.9 Pumps, filters and other mechanical and electrical equipment for public swimming pools shall be enclosed in such a manner as to be accessible only to authorized persons and not to bathers.	3781.10
4101:1-31-01	Shall	3109.9 Construction and drainage shall be arranged to avoid the entrance and accumulation of water in the vicinity of electrical equipment.	3781.10
4101:1-31-01	Shall	3111.1 The federal standards shall be the exclusive construction and safety standards in this state and neither the state nor any political subdivision of the state may establish any other standard governing the construction of	3781.10, 24 CFR 3280
4101:1-31-01	Shall	3112.3 All newly manufactured or installed refuse containers and all existing refuse containers, as described in Section 3112.1, shall be tested and comply with the testing conditions and procedures of the "Consumer Product Safety Act Regulations, 16 C.F.R. 1301."	3781.10, 3791.21, 3791.99, 16 CFR 1301
4101:1-31-01	Require	3107.6.2 Signs that require electrical service shall comply with the requirements of Chapter 27.	3781.10
4101:1-31-01	Prohibit	3109.4.3 Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.	3781.10

4101:1-32-01	Shall	16 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-32-01	Shall not	11 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-32-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-33-01	Shall	91 "shall" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-33-01	Shall not	7 "shall not" throughout the rule appearing as they do in the original model code document (generally accepted commercial building, fire, plumbing, mechanical, electrical, safety or other codes and standards)	3781.10
4101:1-33-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-34-01	Shall	[Comment: When a reference is made within this rule to a federal statutory provision, an industry consensus standard, or any other technical publication, the specific date and title of the publication as well as the name and address of the promulgating agency are listed in rule 4101:1-35-01 of the Administrative Code. The application of the referenced standards shall be limited and as prescribed in section 102.5 of rule 4101:1-1-01 of the Administrative Code.]	3781.10
4101:1-34-01	Shall	3401.1 The provisions of this chapter shall control the maintenance, alteration, repair, addition and change of occupancy of existing structures.	3781.10
4101:1-34-01	Shall	3401.1.1 Compliance shall be demonstrated by meeting the requirements of one of the following options: 1. Chapters 2 through 33 of this code; or 2. Sections 3403 through 3411; or 3. Section 3412 Compliance Alternatives.	3781.10

4101:1-34-01	Shall	3401.1.1.1 Alterations, repairs, additions and changes of occupancy to, or relocation of, existing buildings and structures shall also comply with the provisions for alterations, repairs, additions and changes of occupancy or relocation in the International Energy Conservation Code, and the ASHRAE 90.1 as referenced in Chapter 35.	3781.10
4101:1-34-01	Shall	3401.1.1.1 Where provisions of the other codes conflict with provisions of this chapter, the provisions of this chapter shall take precedence	3781.10
4101:1-34-01	Shall	3401.1.2 When determining the appropriate application of the referenced sections of this code, the occupancy and use of a building shall be determined in accordance with	3781.10
4101:1-34-01	Shall	3401.1.3 Section 3406 Fire Escapes, 3407 Glass Replacement, and 3411 Accessibility for Existing Buildings shall apply to all buildings within the scope of Chapter 34.	3781.10
4101:1-34-01	Shall	3401.2 Buildings, structures, equipment and parts thereof, shall be maintained in a safe and sanitary condition and in accordance with the condition(s) established in current and any previous plan approvals and certificates of occupancy.	3781.10
4101:1-34-01	Shall	3401.2 Devices or safeguards which are required by this code shall be maintained in conformance with the code edition under which installed.	3781.10
4101:1-34-01	Shall	3401.2 The owner or the owner's designated agent shall be responsible for the maintenance of buildings and structures.	3781.10
4101:1-34-01	Shall	3401.2 To determine compliance with this subsection, the building official shall have the authority to require a building or structure to be inspected.	3781.10
4101:1-34-01	Shall	3401.2 The requirements of this chapter shall not provide the basis for removal or abrogation of fire protection and safety systems and devices in existing structures without approval of the building official	3781.10
4101:1-34-01	Shall	3401.3 Building materials and systems shall comply with the requirements of this section.	3781.10
4101:1-34-01	Shall	3401.3.1 Materials already in use in a building in compliance with requirements or approvals in effect at the time of their erection or installation shall be permitted to remain in use unless determined by the building code official to be dangerous to life, health or safety per Section	3781.10
4101:1-34-01	Shall	3401.3.1 Where such conditions are determined to be dangerous to life, health or safety, they shall be mitigated or	3781.10
4101:1-34-01	Shall	3401.3.2 Except as otherwise required or permitted by this code, materials permitted by the applicable code for new construction shall be used.	3781.10
4101:1-34-01	Shall	3401.3.2 Like materials shall be permitted for repairs and alterations, provided no hazard to life, health or property is created.	3781.10
4101:1-34-01	Shall not	3401.3.2 Hazardous materials shall not be used where the code for new construction would not permit their use in buildings of similar occupancy, purpose and location.	3781.10
4101:1-34-01	Shall	3401.3.3 Used products and materials shall not be reused unless approved by the building official.	3781.10

4101:1-34-01	Shall	3401.3.5 When this chapter requires a fire resistive assembly or component, and there is no available evidence matching the assembly or component to a tested, rated assembly or component, the fire resistance rating of the existing assembly or component shall be evaluated by using Section 721 or “Resource A, Guidelines on Fire Ratings of Archaic Materials and Assemblies” in the “International	3781.10
4101:1-34-01	Shall	3401.4 Where compliance with the seismic design provisions of this code is required, the procedures shall be in accordance with the following.	3781.10
4101:1-34-01	Shall	3401.4.1 Values of R, Ω_0 , and C_d for the existing seismic force-resisting system shall be those specified by this code for an ordinary system unless it is demonstrated that the existing system will provide performance equivalent to that of a detailed, intermediate or special system.	3781.10
4101:1-34-01	Shall	3401.4.1 Seismic systems not having an ASCE 7 category of ordinary shall be analyzed using ASCE 7 values for the respective system.	3781.10
4101:1-34-01	Shall	3401.4.2 The seismic evaluation and design shall be based on the procedures specified in Chapter 16 or ASCE 41 per	3781.10
4101:1-34-01	Shall	3401.4.2 (2) It shall be permitted to use the “BSE-1E” earthquake hazard level as defined in ASCE 41.	3781.10
4101:1-34-01	Shall	3401.4.3 Where seismic evaluation and design is permitted to meet reduced seismic force levels in accordance with Section 3405, the procedures used shall be in accordance with this code using seventy- five per cent of the prescribed	3781.10
4101:1-34-01	Shall	3401.4.3 Values of R, Ω_0 , and C_d used for analysis shall be as specified in Section 3401.5.1 3401.4.1 of this code.	3781.10
4101:1-34-01	Shall	3401.5 The building official shall have the authority to require the elimination of conditions deemed dangerous in accordance with Section 109.	3781.10
4101:1-34-01	Shall	3401.6 Evaluation and design of structural concrete repairs and rehabilitation shall be in compliance with Chapter 34 and ACI 562.	3781.10
4101:1-34-01	Shall	3402.1 The following words and terms shall, for the purposes of this chapter and as used elsewhere in the code, have the meanings shown herein.	3781.10
4101:1-34-01	Shall	3403.1 Additions to any building or structure shall comply with the requirements of this code for new construction.	3781.10
4101:1-34-01	Shall	3403.1 Alterations to the existing building or structure shall be made to ensure that the existing building or structure together with the addition are no less conforming with the provisions of this code than the existing building or structure was prior to the addition.	3781.10
4101:1-34-01	Shall	3403.1 An existing building together with its additions shall comply with the requirements of 3403.1.1 or 3403.1.2 depending on the occupancy of the building.	3781.10
4101:1-34-01	Shall not	3403.1.1 The combined height and area of the existing building and the addition shall not exceed the height and area allowed by chapter 5.	3781.10
4101:1-34-01	Shall	3403.1.1 Where a fire wall that complies with section 706 is provided between the addition and the existing building, the addition shall be considered a separate building.	3781.10

4101:1-34-01	Shall	3403.1.2 When the combined height and area of the existing building and the addition exceeds the height or area allowed by Chapter 5 including any area increases permitted, the following shall be permitted:	3781.10
4101:1-34-01	Shall	3403.1.2(1) A fire wall that complies with Section 706 shall be constructed between the existing building and the	3781.10
4101:1-34-01	Shall	3403.1.2(1) When a fire wall is constructed to separate the existing building from the addition, the addition shall be considered a separate building.	3781.10
4101:1-34-01	Shall	3403.1.2(2) A fire barrier that complies with Section 707 as required for separating fire areas shall be provided between the addition and the existing building. When a fire barrier is constructed to separate the existing building from the addition, all the following shall apply.	3781.10
4101:1-34-01	Shall	3403.1.2(2) When a fire barrier is constructed to separate the existing building from the addition, all the following	3781.10
4101:1-34-01	Shall	3401.1.2(2)(a) The combined height and area of the addition and existing building shall be used to determine the construction type and fire protection requirements for the	3781.10
4101:1-34-01	Shall	3401.1.2(2)(d) When calculating the allowable combined height and area of the existing building and the addition in accordance with Chapter 5, the tabular values corresponding to a building equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 shall be used whether or not the existing building is provided throughout with an automatic sprinkler	3781.10
4101:1-34-01	Shall	3401.1.2(3) When the combined height and area of the existing building and the addition does not exceed the height and area allowed by Chapter 5, but the area of the existing building plus the new addition creates a fire area greater than the threshold limits of Chapter 9, one of the	3781.10
4101:1-34-01	Shall	3403.2 For buildings and structures in flood hazard areas established in Section 1612.3, any addition that constitutes substantial improvement of the existing structure, as defined in Chapter 2, shall comply with the flood design requirements for new construction, and all aspects of the existing structure shall be brought into compliance with the requirements for new construction for flood design.	3781.10
4101:1-34-01	Shall	3403.2 For buildings and structures in flood hazard areas established in Section 1612.3, any addition that constitutes substantial improvement of the existing structure, as defined in Chapter 2, shall comply with the flood design requirements for new construction, and all aspects of the existing structure shall be brought into compliance with the requirements for new construction for flood design.	3781.10
4101:1-34-01	Shall	3403.3 Any existing gravity load-carrying structural element for which an addition and its related alterations cause an increase in design gravity load of more than 5 percent shall be strengthened, supplemented, replaced or otherwise altered as needed to carry the increased load	3781.10

4101:1-34-01	Shall	3403.3 Any existing gravity load carrying structural element whose gravity load-carrying capacity is decreased shall be considered an altered element subject to the requirements of Section 3404.3.	3781.10
4101:1-34-01	Shall	3403.3 Any existing element that will form part of the lateral load path for any part of the addition shall be considered an existing lateral load-carrying structural element subject to the requirements of Section 3403.4.	3781.10
4101:1-34-01	Shall	3403.3.1 Where the addition does not result in increased design live load, existing gravity load-carrying structural elements shall be permitted to be evaluated and designed for live loads approved prior to the addition.	3781.10
4101:1-34-01	Shall	3403.3.1 If the approved live load is less than that required by Section 1607, the area designed for the nonconforming live load shall be posted with placards of approved design indicating the approved live load.	3781.10
4101:1-34-01	Shall	3403.3.1 Where the addition does result in increased design live load, the live load required by Section 1607 shall be	3781.10
4101:1-34-01	Shall	3403.3.2 Any structural element of an existing building subjected to additional loads from the effects of snow drift as a result of an addition shall comply with the building	3781.10
4101:1-34-01	Shall	3403.4 Where the addition is structurally independent of the existing structure, existing lateral load-carrying structural elements shall be permitted to remain unaltered.	3781.10
4101:1-34-01	Shall	3403.4 Existing structural elements carrying lateral load. Where the addition is structurally independent of the existing structure, existing lateral load-carrying structural elements shall be permitted to remain unaltered.	3781.10
4101:1-34-01	Shall	3403.4 Where the addition is not structurally independent of the existing structure, the existing structure and its addition acting together as a single structure shall be shown to meet the requirements of Sections 1609 and 3401.4.2.	3781.10
4101:1-34-01	Shall	3403.3 Exception: Any existing lateral load-carrying structural element whose demand-capacity ratio with the addition considered is no more than 10 percent greater than its demand-capacity ratio with the addition ignored shall be permitted to remain unaltered.	3781.10
4101:1-34-01	Shall	3403.3 Exception: For purposes of calculating demand-capacity ratios, the demand shall consider applicable load combinations with design lateral loads or forces in accordance with Sections 1609 and 3401.4.2.	3781.10
4101:1-34-01	Shall	3403.3 Exception: For purposes of this exception, comparisons of demand-capacity ratios and calculation of design lateral loads, forces and capacities shall account for the cumulative effects of additions and alterations since	3781.10
4101:1-34-01	Shall	3403.5 When additions are made to sleeping rooms or in the immediate vicinity of the sleeping rooms in Group R or I-1 occupancies, smoke alarms shall be installed in accordance with the provisions of this code, the household fire warning equipment provisions of NFPA 72, and shall be listed in accordance with UL 217.	3781.10

4101:1-34-01	Shall	3403.5 When additions are made to sleeping rooms or in the immediate vicinity of the sleeping rooms in Group R or I-1 occupancies, smoke alarms shall be installed in accordance with the provisions of this code, the household fire warning equipment provisions of NFPA 72, and shall be listed in accordance with UL 217.	3781.10
4101:1-34-01	Shall	3403.5.1 Required smoke alarms shall receive their primary power from the building wiring when such wiring is served from a commercial source for the following conditions:	3781.10
4101:1-34-01	Shall	3403.5.1 Exception 1 Smoke alarms shall be permitted to be battery operated when installed in buildings without commercial power.	3781.10
4101:1-34-01	Shall not	3403.5.1 Exception 2 Hard-wiring of new smoke alarms installed in existing finished areas shall not be required where there is not access to an attic, crawl space, or basement, as described above, and where the removal of interior wall or ceiling finishes exposing the structure, is not	3781.10
4101:1-34-01	Shall	3403.5.2 Where more than one smoke alarm is required to be installed within an individual dwelling unit in accordance with Section 3403.5.1, the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual	3781.10
4101:1-34-01	Shall not	3403.5.2 Physical interconnection of smoke alarms shall not be required where listed low-power radio (wireless) alarms are installed and all alarms sound upon activation of one	3781.10
4101:1-34-01	Shall not	3403.5.2 Exception 2 Interconnection of smoke alarms in existing areas shall not be required where alterations or repairs do not result in removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available which could provide access for interconnection without the removal of interior	3781.10
4101:1-34-01	Shall	3404.1 Except as provided by Section 3401.4 or this section, alterations to any building, structure, or system (egress, fire protection, smoke control, mechanical, plumbing, etc.) shall comply with the requirements of the code for new construction to the extent of the alteration. Portions of the structure not altered and not affected by the alteration are not required to comply with the code requirements for a new structure. Alterations shall be such that the existing building, structure, or system is no less complying with the provisions of this code than the existing	3781.10
4101:1-34-01	Shall	3404.1 Except as provided by Section 3401.4 or this section, alterations to any building, structure, or system (egress, fire protection, smoke control, mechanical, plumbing, etc.) shall comply with the requirements of the code for new construction to the extent of the alteration.	3781.10
4101:1-34-01	Shall	3404.1 Alterations shall be such that the existing building, structure, or system is no less complying with the provisions of this code than the existing building or structure was prior to the alteration.	3781.10
4101:1-34-01	Shall	3404.1 Exception 1 An existing stairway shall not be required to comply with the requirements of Chapter 10 where the stairs conform to the criteria of a prior edition of	3781.10

4101:1-34-01	Shall	3404.1 Exception 2 A new stair shall not be required to comply with the required tread and risers if replacing an existing stair where the existing space and construction does not allow a reduction in pitch or slope.	3781.10
4101:1-34-01	Shall	3404.1 Exception 3 Handrails shall not be required to comply with the requirements of Section 1012.6 regarding full extension of the handrails where such extensions would be hazardous due to plan configuration.	3781.10
4101:1-34-01	Shall not	3404.1.1 When alterations are proposed to existing systems, the existing systems, materials, or components shall not be required to comply with all of the requirements of this code for new construction except to the extent that they are affected by the alteration.	3781.10
4101:1-34-01	Shall not	3404.1.1 Additions or alterations to existing systems, materials, or components shall not cause them to become unsafe, hazardous, overloaded, or become less effective than when originally installed, constructed and/or approved.	3781.10
4101:1-34-01	Shall not	3404.1.1 Existing systems that are proposed to be modified shall not require resizing as long as the load on the system is not increased and the system length is not increased, even if the existing system does not meet current code minimums.	3781.10
4101:1-34-01	Shall	3404.2 For buildings and structures in flood hazard areas established in Section 1612.3, any alteration that constitutes substantial improvement of the existing structure, as defined in Chapter 2, shall comply with the flood design requirements for new construction, and all aspects of the existing structure shall be brought into compliance with the requirements for new construction for flood design.	3781.10, 3781.111, 44 CFR Parts 59-77
4101:1-34-01	Shall	3404.2 For buildings and structures in flood hazard areas established in Section 1612.3, any alteration that constitutes substantial improvement of the existing structure, as defined in Chapter 2, shall comply with the flood design requirements for new construction, and all aspects of the existing structure shall be brought into compliance with the requirements for new construction for flood design.	3781.10, 3781.111, 44 CFR Parts 59-77
4101:1-34-01	Shall	3404.3 Any existing gravity load-carrying structural element for which an alteration causes an increase in design gravity load of more than 5 percent shall be strengthened, supplemented, replaced or otherwise altered as needed to carry the increased gravity load required by this code for	3781.10
4101:1-34-01	Shall	3404.3 Any existing gravity load-carrying structural element whose gravity load-carrying capacity is decreased as part of the alteration shall be shown to have the capacity to resist the applicable design gravity loads required by this code for new structures.	3781.10
4101:1-34-01	Shall	3404.3.1 Where the alteration does not result in increased design live load, existing gravity load-carrying structural elements shall be permitted to be evaluated and designed for live loads approved prior to the alteration.	3781.10
4101:1-34-01	Shall	3404.3.1 If the approved live load is less than that required by Section 1607, the area designed for the nonconforming live load shall be posted with placards of approved design indicating the approved live load.	3781.10

4101:1-34-01	Shall	3404.3.1 Where the alteration does result in increased design live load, the live load required by Section 1607	3781.10
4101:1-34-01	Shall	3404.4 Except as permitted by Section 3404.5, where the alteration increases design lateral loads in accordance with Sections 1609 or 3401.4.2, or where the alteration results in a structural irregularity as defined in ASCE 7, or where the alteration decreases the capacity of any existing lateral load-carrying structural element, the structure of the altered building or structure shall be shown to meet the requirements of Sections 1609 or 3401.4.2.	3781.10
4101:1-34-01	Shall	3404.4 Exception: Any existing lateral load-carrying structural element whose demand-capacity ratio with the alteration considered is no more than 10 percent greater than its demand-capacity ratio with the alteration ignored shall be permitted to remain unaltered.	3781.10
4101:1-34-01	Shall	3404.4 Exception: For purposes of calculating demand-capacity ratios, the demand shall consider applicable load combinations with design lateral loads or forces per Sections 1609 and 3401.4.2.	3781.10
4101:1-34-01	Shall	3404.4 Exception: For purposes of this exception, comparisons of demand-capacity ratios and calculation of design lateral loads, forces, and capacities shall account for the cumulative effects of additions and alterations since	3781.10
4101:1-34-01	Shall	3404.5 Alterations to existing structural elements or additions of new structural elements that are not otherwise required by this chapter and are initiated for the purpose of improving the performance of the seismic force-resisting system of an existing structure or the performance of seismic bracing or anchorage of existing nonstructural elements shall be permitted, provided that an engineering	3781.10
4101:1-34-01	Shall	3404.6 When alterations are made to sleeping rooms or in the immediate vicinity of the sleeping rooms in Group R or I-1 occupancies, smoke alarms shall be installed in accordance with the provisions of this code, the household fire warning equipment provisions of NFPA 72, and shall be listed in accordance with UL 217.	3781.10
4101:1-34-01	Shall	3404.6 When alterations are made to sleeping rooms or in the immediate vicinity of the sleeping rooms in Group R or I-1 occupancies, smoke alarms shall be installed in accordance with the provisions of this code, the household fire warning equipment provisions of NFPA 72, and shall be listed in accordance with UL 217.	3781.10
4101:1-34-01	Shall	3404.6.1 Required smoke alarms shall receive their primary power from the building wiring when such wiring is served from a commercial source for the following conditions:	3781.10
4101:1-34-01	Shall	3404.6.1 Exception 1 Smoke alarms shall be permitted to be battery operated when installed in buildings without commercial power.	3781.10
4101:1-34-01	Shall not	3404.6.1 Exception 2 Hard-wiring of new smoke alarms installed in existing finished areas shall not be required where there is not access to an attic, crawl space, or basement, as described above, and where the removal of interior wall or ceiling finishes exposing the structure, is not	3781.10

4101:1-34-01	Shall	3404.6.2 Where more than one smoke alarm is required to be installed within an individual dwelling unit in accordance with Section 3403.5.1, the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual	3781.10
4101:1-34-01	Shall	3404.6.2 Physical interconnection of smoke alarms shall not be required where listed low-power radio (wireless) alarms are installed and all alarms sound upon activation of one	3781.10
4101:1-34-01	Shall not	3404.6.2 Exception 2 Interconnection of smoke alarms in existing areas shall not be required where alterations or repairs do not result in removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available which could provide access for interconnection without the removal of interior	3781.10
4101:1-34-01	Shall	3405.1 Building and structures, and parts thereof, shall be repaired in compliance with Section 3405 and 3401.2.	3781.10
4101:1-34-01	Shall	3405.1 Work on nondamaged components shall be considered part of the repair and shall not be subject to the requirements for alterations in this chapter.	3781.10
4101:1-34-01	Shall not	3405.1 Work on nondamaged components shall be considered part of the repair and shall not be subject to the requirements for alterations in this chapter.	3781.10
4101:1-34-01	Shall not	3405.1 Routine maintenance required by Section 3401.2, minor repairs exempt from approval in accordance with Section 102.10.2, and abatement of wear due to normal service conditions shall not be subject to the requirements for repairs in this section.	3781.10
4101:1-34-01	Shall	3405.2 A building that has sustained substantial structural damage to the vertical elements of its lateral force-resisting system shall be evaluated and repaired in accordance with the applicable provisions of Sections 3405.2.1 through	3781.10
4101:1-34-01	Shall	3405.2.1 The building shall be evaluated by a registered design professional, and the evaluation findings shall be submitted to the building official.	3781.10
4101:1-34-01	Shall	3405.2.1 The building shall be evaluated by a registered design professional, and the evaluation findings shall be submitted to the building official.	3781.10
4101:1-34-01	Shall	3405.2.1 The evaluation shall establish whether the damaged building, if repaired to its pre-damage state, would comply with the provisions of this code for wind and	3781.10
4101:1-34-01	Shall	3405.2.1 Wind loads for this evaluation shall be those prescribed in Section 1609.	3781.10
4101:1-34-01	Shall	3405.2.1 Earthquake loads for this evaluation, if required, shall be those prescribed in Section 3401.5.3 3401.4.3.	3781.10
4101:1-34-01	Shall	3405.2.2 If the evaluation establishes compliance of the pre-damage building in accordance with Section 3405.2.1, then repairs shall be permitted that restore the building to its pre-damage state based on material properties and design strengths applicable at the time of original construction.	3781.10

4101:1-34-01	Shall	3405.2.3 If the evaluation does not establish compliance of the pre-damage building in accordance with Section 3405.2.1, then the building shall be rehabilitated to comply with applicable provisions of this code for load combinations, including wind or seismic loads.	3781.10
4101:1-34-01	Shall	3405.2.3 The wind loads for the repair shall be as required by the building code in effect at the time of original construction, unless the damage was caused by wind, in which case the wind loads shall be as required by the code.	3781.10
4101:1-34-01	Shall	3405.2.3 The wind loads for the repair shall be as required by the building code in effect at the time of original construction, unless the damage was caused by wind, in which case the wind loads shall be as required by the code.	3781.10
4101:1-34-01	Shall	3405.2.3 Earthquake loads for this rehabilitation design shall be those required for the design of the pre-damage building, but not less than 75 percent of those prescribed in	3781.10
4101:1-34-01	Shall	3405.2.3 New structural members and connections required by this rehabilitation design shall comply with the detailing provisions of this code for new buildings of similar structure, purpose and location.	3781.10
4101:1-34-01	Shall	3405.3 Gravity load-carrying components that have sustained substantial structural damage shall be rehabilitated to comply with the applicable provisions of	3781.10
4101:1-34-01	Shall	3405.3 Snow loads shall be considered if substantial structural damage was caused by or related to snow load	3781.10
4101:1-34-01	Shall	3405.3 Existing gravity load-carrying structural elements shall be permitted to be designed for live loads approved prior to the damage.	3781.10
4101:1-34-01	Shall	3405.3 Existing gravity load-carrying structural elements that were damaged due to snow loading shall be rehabilitated to comply with snow load requirements of this code for new buildings.	3781.10
4101:1-34-01	Shall	3405.3 Non-damaged gravity load-carrying components that receive dead, live or snow loads from rehabilitated components shall also be rehabilitated or shown to have the capacity to carry the design loads of the rehabilitation	3781.10
4101:1-34-01	Shall	3405.3 New structural members and connections required by this rehabilitation design shall comply with the detailing provisions of this code for new buildings of similar structure, purpose and location.	3781.10
4101:1-34-01	Shall	3405.3.1 Regardless of the level of damage to vertical elements of the lateral force-resisting system, if substantial structural damage to gravity load-carrying components was caused primarily by wind or earthquake effects, then the building shall be evaluated in accordance with Section 3405.2.1 and, if noncompliant, rehabilitated in accordance	3781.10
4101:1-34-01	Shall	3405.4 For damage less than substantial structural damage, repairs shall be allowed that restore the building to its pre-damage state based on material properties and design strengths applicable at the time of the original construction.	3781.10
4101:1-34-01	Shall	3405.4 New structural members and connections used for this repair shall comply with the detailing provisions of this code for new buildings of similar structure, purpose and	3781.10

4101:1-34-01	Shall	3405.5 For buildings and structures in flood hazard are as established in Section 1612.3, any repair that constitutes substantial improvement of the existing structure, as defined in Section 1612.2, shall comply with the flood design requirements for new construction, and all aspects of the existing structure shall be brought into compliance with the requirements for new construction for flood design	3781.10, 44 CFR Parts 59-77
4101:1-34-01	Shall	3405.5 For buildings and structures in flood hazard are as established in Section 1612.3, any repair that constitutes substantial improvement of the existing structure, as defined in Section 1612.2, shall comply with the flood design requirements for new construction, and all aspects of the existing structure shall be brought into compliance with the requirements for new construction for flood design	3781.10, 44 CFR Parts 59-77
4101:1-34-01	Shall	3406.1 Fire escapes shall be permitted only as provided for in Sections 3406.1.1 through 3406.1.3.	3781.10
4101:1-34-01	Shall	3406.1.1 Existing fire escapes shall be continued to be accepted as a component in the means of egress in existing	3781.10
4101:1-34-01	Shall	3406.1.2 New fire escapes for existing buildings shall be permitted only where exterior stairs cannot be utilized due to lot lines limiting stair size or due to the sidewalks, alleys or roads at grade level.	3781.10
4101:1-34-01	Shall not	3406.1.2 New fire escapes shall not incorporate ladders or access by windows.	3781.10
4101:1-34-01	Shall	3406.1.2 Exception: In existing adult group homes and when an existing building is proposed to be used for a change of occupancy to an adult group home, new fire escapes shall be permitted as a means of Emergency escape/fire department access.	3781.10
4101:1-34-01	Shall	3406.1.3 Fire escapes shall comply with this section and shall not constitute more than 50 percent of the required number of exits nor more than 50 percent of the required	3781.10
4101:1-34-01	Shall not	3406.1.3 Fire escapes shall comply with this section and shall not constitute more than 50 percent of the required number of exits nor more than 50 percent of the required	3781.10
4101:1-34-01	Shall not	3406.2 Where located on the front of the building and where projecting beyond the building line, the lowest landing shall not be less than 7 feet (2134 mm) or more than 12 feet (3658 mm) above grade, and shall be equipped with a counterbalanced stairway to the street. In alleyways and thoroughfares less than 30 feet (9144 mm) wide, the clearance under the lowest landing shall not be less than 12	3781.10
4101:1-34-01	Shall	3406.2 Where located on the front of the building and where projecting beyond the building line, the lowest landing shall not be less than 7 feet (2134 mm) or more than 12 feet (3658 mm) above grade, and shall be equipped with a counterbalanced stairway to the street. In alleyways and thoroughfares less than 30 feet (9144 mm) wide, the clearance under the lowest landing shall not be less than 12	3781.10

4101:1-34-01	Shall not	3406.2 Where located on the front of the building and where projecting beyond the building line, the lowest landing shall not be less than 7 feet (2134 mm) or more than 12 feet (3658 mm) above grade, and shall be equipped with a counterbalanced stairway to the street. In alleyways and thoroughfares less than 30 feet (9144 mm) wide, the clearance under the lowest landing shall not be less than 12	3781.10
4101:1-34-01	Shall	3406.3 The fire escape shall be designed to support a live load of 100 pounds per square foot (4788 Pa) and shall be constructed of steel or other approved noncombustible	3781.10
4101:1-34-01	Shall	3406.3 The fire escape shall be designed to support a live load of 100 pounds per square foot (4788 Pa) and shall be constructed of steel or other approved noncombustible	3781.10
4101:1-34-01	Shall	3406.4 Stairs shall be at least 22 inches (559 mm) wide with risers not more than, and treads not less than, 8 inches (203 mm) and landings at the foot of stairs not less than 40 inches (1016 mm) wide by 36 inches (914 mm) long, located not more than 8 inches (203 mm) below the door.	3781.10
4101:1-34-01	Shall	3406.5 Doors and windows along the fire escape shall be protected with ¾ hour opening protectives.	3781.10
4101:1-34-01	Shall	3407.1 The installation or replacement of glass shall be as required for new installations.	3781.10
4101:1-34-01	Shall	3408.1 A change of occupancy of an existing building or space shall be permitted without conforming to all the requirements of this code, provided the proposed use is not more hazardous than the existing use, based on an analysis	3781.10
4101:1-34-01	Shall	3408.1 If the proposed use is more hazardous than the existing use, such building shall be made to comply with the requirements of chapters 3 through 12 and 14 through 33 or with section 3412 of this chapter.	3781.10
4101:1-34-01	Shall	3408.2 A certificate of occupancy shall be issued where it has been determined that the requirements of section 3408 have been met, there are no outstanding orders and it has been determined that no serious hazards exist.	3781.10
4101:1-34-01	Shall	3408.3 Existing stairways in an existing structure shall not be required to comply with the requirements of a new stairway as outlined in Sections 1011, 1014, and 1015.	3781.10
4101:1-34-01	Shall	3408.4 When a change of occupancy results in a structure being reclassified to a higher risk category, the structure shall conform to the snow, wind, and seismic requirements for a new structure of the higher risk category.	3781.10
4101:1-34-01	Shall not	3408.4 Exception 1 Specific seismic detailing requirements of Section 1613 for a new structure shall not be required to be met where the seismic performance is shown to be equivalent to that of a new structure.	3781.10
4101:1-34-01	Shall	3408.4 Exception 1 A demonstration of equivalence shall consider the regularity, over strength, redundancy and ductility of the structure.	3781.10
4101:1-34-01	Shall	3410.1 Structures moved shall be safe and sanitary and any repair, alteration, or change in occupancy shall comply with the provisions of this code for new structures	3781.10

4101:1-34-01	Shall	3410.1 Structures moved shall be safe and sanitary and any repair, alteration, or change in occupancy shall comply with the provisions of this code for new structures.	3781.10
4101:1-34-01	Shall	3410.1 Field work, building location, foundations and foundation connections, wind loads, seismic loads, snow loads, and flood loads, shall comply with the requirements	3781.10
4101:1-34-01	Shall	3410.1 The building official shall be authorized to inspect, or require inspection at the expense of the owner, the various components of a relocated building to verify that they have not sustained damage.	3781.10
4101:1-34-01	Shall	3410.1 Building service equipment, mechanical, plumbing, and fire protection systems shall be tested to assure that they are in operating condition.	3781.10
4101:1-34-01	Shall	3410.1 Any repairs or alterations required as a result of such inspections shall be approved and completed prior to issuance of the certificate of occupancy.	3781.10
4101:1-34-01	Shall	3411.2 A building, facility or element that is constructed or altered to be accessible shall be maintained accessible during occupancy.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall not	3411.3 An alteration of an existing element, space or area of a building or facility shall not impose a requirement for greater accessibility than that which would be required for new construction.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall not	3411.3 Alterations shall not reduce or have the effect of reducing accessibility of a building, portion of a building or	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.4 Existing buildings that undergo a change of group or occupancy shall comply with this section.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.4.1 Where a portion of the building is changed to a new occupancy classification, any alterations shall comply with Sections 3411.6, 3411.7 and 3411.8.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.4.2 Where an entire building undergoes a change of occupancy, it shall comply with Section 3411.4.1 and shall have all of the following accessible features:	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.4.2 Where an entire building undergoes a change of occupancy, it shall comply with Section 3411.4.1 and shall have all of the following accessible features:	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.4.2 Where it is technically infeasible to comply with the new construction standards for any of these requirements for a change of group or occupancy, the above items shall conform to the requirements to the maximum	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.5 Provisions for new construction shall apply to additions.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.5 An addition that affects the accessibility to, or contains an area of, a primary function shall comply with the requirements in Section 3411.7.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.6 A building, facility or element that is altered shall comply with the applicable provisions in Chapter 11 of this code, unless technically infeasible.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.6 Where compliance with this section is technically infeasible, the alteration shall provide access to the maximum extent technically feasible.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601

4101:1-34-01	Shall	3411.6 Exception 3 The alteration to Type A individually owned dwelling units within a Group R-2 occupancy shall meet the provision for a Type B dwelling unit shall be permitted to meet the provision for a Type B dwelling unit.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.6 Exception 3 The alteration to Type A individually owned dwelling units within a Group R-2 occupancy shall meet the provision for a Type B dwelling unit shall be permitted to meet the provision for a Type B dwelling unit.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.7 Where an alteration affects the accessibility to, or contains an area of primary function, the route to the primary function area and the amenities serving the area	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.7 The accessible route to the primary function area shall include toilet facilities or drinking fountains serving the area of primary function.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.7 Exception 1 The determination of disproportionality and the conditions for applying this exception shall be in accordance with section 3411.7.1.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.7.1 The determination of disproportionate costs shall be made and applied in accordance with the following:	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.7.1(2.1) When the cost of alterations necessary to make the path travel to the altered area fully accessible is disproportionate to the cost of the overall alteration, the path of travel shall be made accessible to the extent that it can be made accessible without incurring disproportionate	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.7.1(3) The obligation to provide an accessible path of travel may not be evaded by performing a series of small alterations to the area served by a single path of travel if those alterations could have been performed as a single	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.7.1(3.1) If an area containing a primary function has been altered without providing an accessible path of travel to that area, and subsequent alterations of that area, or a different area on the same path of travel, are undertaken within three years of the original alteration, the total cost of alterations to the primary function areas on that path of travel during the preceding three year period shall be considered in determining whether the cost of making that	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8 The provisions of Sections 3411.8.1 through 3411.8.15 shall apply to alterations to existing buildings and	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.1 Accessible entrances shall be provided in accordance with Section 1105.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.1 Exception. Signs complying with Section 1111 shall be provided.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.2 Altered elements of existing elevators shall comply with ASME A17.1 and Chapter 11.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.2 Such elements shall also be altered in elevators programmed to respond to the same hall call control as the altered elevator.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.3 Platform (wheelchair) lifts complying with Chapter 11 and installed in accordance with ASME A18.1 shall be permitted as a component of an accessible route.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601

4101:1-34-01	Shall	3411.8.4 In alterations, change of occupancy or additions where an escalator or stair is added where none existed previously and major structural modifications are necessary for installation, an accessible route shall be provided between the levels served by the escalator or stairs in accordance with Sections 1104.4 and 1104.5.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.5 Where slopes steeper than allowed by Section 1012.2 are necessitated by space limitations, the slope of ramps in or providing access to existing buildings or facilities shall comply with Table 3411.8.5.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.6 Where it is technically infeasible to alter performance areas to be on an accessible route, at least one of each type of performance area shall be made accessible.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.10 In alterations, accessible wheelchair spaces are not required to be located within the defined area of raised jury boxes or witness stands and shall be permitted to be located outside these spaces where the ramp or lift access restricts or projects into the means of egress.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.11 The family or assisted-use facility shall be located on the same floor and in the same area as the	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.12 Where it is technically infeasible to provide accessible dressing, fitting or locker rooms at the same location as similar types of rooms, one accessible room on the same level shall be provided.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.12 Where separate-sex facilities are provided, accessible rooms for each sex shall be provided.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.13 Operable parts of replacement fuel dispensers shall be permitted to be 54 inches (1370 mm) maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.14 The maximum height of thresholds at doorways shall be ¾ inch (19.1 mm).	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.8.14 Such thresholds shall have beveled edges on each side.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.9 These provisions shall apply to buildings and facilities designated as historic structures that undergo alterations or a change of occupancy, unless technically	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.9 Where compliance with the requirements for accessible routes, entrances or toilet facilities would threaten or destroy the historic significance of the building or facility, as determined by the applicable governing authority, the alternative requirements of Sections 3411.9.1 through 3411.9.4 for that element shall be permitted.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.9.1 At least one accessible route from a site arrival point to an accessible entrance shall be provided.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.9.2 An accessible route from an accessible entrance to public spaces on the level of the accessible entrance shall be provided.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.9.3 At least one main entrance shall be accessible.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.9.3 Exception 1 If a main entrance cannot be made accessible, an accessible nonpublic entrance that is unlocked while the building is occupied shall be provided;	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601

4101:1-34-01	Shall	3411.9.3 Exception 2 If a main entrance cannot be made accessible, a locked accessible entrance with a notification system or remote monitoring shall be provided.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.9.3 Signs complying with Section 1111 shall be provided at the primary entrance and the accessible	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3411.9.4 Where toilet rooms are provided, at least one accessible family or assisted-use toilet room complying with Section 1109.2.1 shall be provided.	3781.10, 3781.111, 42 USCA 12101, 42 USCA 3601
4101:1-34-01	Shall	3412.2 Structures existing prior to July 1, 1979, in which there is work involving additions, alterations or changes of occupancy shall be made to comply with the requirements of this section or the provisions of Sections 3403 through	3781.10
4101:1-34-01	Shall	3412.2 The provisions in Sections 3412.2.1 through 3412.2.5 shall apply to existing occupancies that will continue to be, or are proposed to be, in Groups A, B, E, F, I	3781.10
4101:1-34-01	Shall	3412.2 These provisions shall not apply to buildings with occupancies in Group H or I-1, I-3, or I-4.	3781.10
4101:1-34-01	Shall	3412.2.1 Where an existing building is changed to a new occupancy classification and this section is applicable, the provisions of this section for the new occupancy shall be used to determine compliance with this code.	3781.10
4101:1-34-01	Shall	3412.2.2 Where a portion of the building is changed to a new occupancy classification, and that portion is separated from the remainder of the building with fire barriers or horizontal assemblies having a fire-resistance rating as required by Table 508.4 for the separate occupancies, or with approved compliance alternatives, the portion changed shall be made to comply with the provisions of this section.	3781.10
4101:1-34-01	Shall	3412.2.2 Where a portion of the building is changed to a new occupancy classification, and that portion is not separated from the remainder of the building with fire barriers or horizontal assemblies having a fire-resistance rating as required by Table 508.4 for the separate occupancies, or with approved compliance alternatives, the provisions of this section which apply to each occupancy	3781.10
4101:1-34-01	Shall	3412.2.2 Where there are conflicting provisions, those requirements which secure the greater public safety shall apply to the entire building or structure.	3781.10
4101:1-34-01	Shall	3412.2.3 Additions to existing buildings shall comply with the requirements of this section.	3781.10
4101:1-34-01	Shall	3412.2.3.1 The combined height and area of the existing building and the addition shall not exceed the height and area allowed by chapter 5.	3781.10
4101:1-34-01	Shall	3412.2.3.1 Where a fire wall that complies with section 706 is provided between the addition and the existing building, the addition shall be considered a separate building.	3781.10
4101:1-34-01	Shall	3412.2.3.2 When the combined height and area of the existing building and the addition exceeds the height or area allowed by Chapter 5 including any area increases permitted, the following shall be permitted:	3781.10
4101:1-34-01	Shall	3412.2.3.1(1) A fire wall that complies with Section 706 shall be constructed between the existing building and the	3781.10

4101:1-34-01	Shall	3412.2.3.1(1) When a fire wall is constructed to separate the existing building from the addition, the addition shall be considered a separate building.	3781.10
4101:1-34-01	Shall	3412.2.3.1(2) A fire barrier that complies with Section 707 as required for separating fire areas shall be provided between the addition and the existing building.	3781.10
4101:1-34-01	Shall	3412.2.3.1(2) When a fire barrier is constructed to separate the existing building from the addition, all the following	3781.10
4101:1-34-01	Shall	3412.2.3.1(2)(a) The combined height and area of the addition and existing building shall be used to determine the construction type and fire protection requirements for the	3781.10
4101:1-34-01	Shall	3412.2.3.1(2)(d) When calculating the allowable combined height and area of the existing building and the addition in accordance with Chapter 5, the tabular values corresponding to a building equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 shall be used whether or not the existing building is provided throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.	3781.10
4101:1-34-01	Shall	3412.2.3.1(3) When the combined height and area of the existing building and the addition does not exceed the height and area allowed by Chapter 5, but the area of the existing building plus the new addition creates a fire area greater than the threshold limits of Chapter 9, one of the	3781.10
4101:1-34-01	Shall	3412.2.4 An existing building or portion thereof, which does not comply with the requirements of this code for new construction, shall not be altered or repaired in such a manner that results in the building being less safe or	3781.10
4101:1-34-01	Shall	3412.2.4 If, in the alteration or repair, the current level of safety or sanitation is to be reduced, the portion altered or repaired shall conform to the requirements of Chapters 2 through 12 and Chapters 14 through 33.	3781.10
4101:1-34-01	Shall	3412.2.4.1 For existing buildings located in flood hazard areas established in Section 1612.3, if the alterations and repairs constitute substantial improvement of the existing building, the existing building shall be brought into compliance with the requirements for new construction for	3781.10
4101:1-34-01	Shall	3412.2.4.1 As used in this section, a substantial improvement shall mean any reconstruction, rehabilitation, addition, or other improvement of a structure, the cost of which equals or exceeds 50 percent of the pre-improvement	3781.10
4101:1-34-01	Shall	3412.2.5 All portions of the buildings proposed for change of occupancy shall conform to the accessibility provisions of Section 3411.	3781.10
4101:1-34-01	Shall	3412.3 For repairs, alterations, additions and changes of occupancy to existing buildings that are evaluated in accordance with this section, compliance with this section shall be accepted by the building official.	3781.10
4101:1-34-01	Shall	3412.3.1 Where the building official determines that an unsafe condition exists, as provided for in Section 109, such unsafe condition shall be abated in accordance with Section	3781.10

4101:1-34-01	Shall	3412.4 For proposed work covered by this section, the building owner shall cause the existing building to be investigated and evaluated in accordance with the	3781.10
4101:1-34-01	Shall	3412.4.1 The owner shall have a structural analysis of the existing building made to determine adequacy of structural systems for the proposed alteration, addition or change of occupancy.	3781.10
4101:1-34-01	Shall	3412.4.1 The analysis shall demonstrate that the building with the work completed is capable of resisting the loads specified in Chapter 16.	3781.10
4101:1-34-01	Shall	3412.4.2 The results of the investigation and evaluation as required in Section 3412.4, along with proposed compliance alternatives, shall be submitted to the building official.	3781.10
4101:1-34-01	Shall	3412.4.3 The building official shall determine whether the existing building, with the proposed addition, alteration or change of occupancy, complies with the provisions of this section in accordance with the evaluation process in Sections 3412.5 through 3412.9.	3781.10
4101:1-34-01	Shall	3412.5 The evaluation shall be comprised of three categories: fire safety, means of egress and general safety, as defined in Sections 3412.5.1 through 3412.5.3.	3781.10
4101:1-34-01	Shall	3412.6 The evaluation process specified herein shall be followed in its entirety to evaluate existing buildings in Groups A, B, E, F, M, R, S, and U.	3781.10
4101:1-34-01	Shall	3412.6 For existing buildings in Group I-2, the evaluation process specified herein shall be followed and applied to each and every individual smoke compartment.	3781.10
4101:1-34-01	Shall	3412.6 Table 3412.7 shall be utilized for tabulating the results of the evaluation.	3781.10
4101:1-34-01	Shall	3412.6 In applying this section to a building with mixed occupancies, where the separation between the mixed occupancies does not qualify for any category indicated in Section 3412.6.16, the score for each occupancy shall be determined, and the lower score determined for each section of the evaluation process shall apply to the entire building, or to each smoke compartment for Group I-2 occupancies.	3781.10
4101:1-34-01	Shall	3412.6 In applying this section to a building with mixed occupancies, where the separation between the mixed occupancies does not qualify for any category indicated in Section 3412.6.16, the score for each occupancy shall be determined, and the lower score determined for each section of the evaluation process shall apply to the entire building, or to each smoke compartment for Group I-2 occupancies.	3781.10
4101:1-34-01	Shall	3412.6 Where the separation between mixed occupancies qualifies for any category indicated in Section 3412.6.16, the score for each occupancy shall apply to each	3781.10
4101:1-34-01	Shall	3412.6.1 The value for building height and number of stories shall be the lesser value determined by the formula in Section 3412.6.1.1.	3781.10
4101:1-34-01	Shall	3412.6.1 Chapter 5 shall be used to determine the allowable height and number of stories of the building, including allowable increases due to automatic sprinklers as provided for in Section 504.2.	3781.10

4101:1-34-01	Shall	3412.6.1 The maximum score for a building shall be 10.	3781.10
4101:1-34-01	Shall	3412.6.1.1 The following formulas shall be used in computing the building height value.	3781.10
4101:1-34-01	Shall	3412.6.1.1 Note: Where mixed occupancies are separated and individually evaluated as indicated in Section 3412.6, the values AH, AS, EBH and EBS shall be based on the height of the occupancy being evaluated.	3781.10
4101:1-34-01	Shall	3412.6.2 The value for building area shall be determined by the formula in Section 3412.6.2.2. Section 506 and the formula in Section 3412.6.2.1 shall be used to determine the allowable area of the building.	3781.10
4101:1-34-01	Shall	3412.6.2 The value for building area shall be determined by the formula in Section 3412.6.2.2. Section 506 and the formula in Section 3412.6.2.1 shall be used to determine the allowable area of the building.	3781.10
4101:1-34-01	Shall	3412.6.2 Group I-2 occupancies shall be scored zero.	3781.10
4101:1-34-01	Shall	3412.6.2.1 The following formula shall be used in computing allowable area: $Aa = [At + (NS \times If)]$	3781.10
4101:1-34-01	Shall	3412.6.2.2 The following formula shall be used in computing the area value.	3781.10
4101:1-34-01	Shall	3412.6.3 Conforming compartments shall be figured as the net area and do not include shafts, chases, stairways, walls or columns.	3781.10
4101:1-34-01	Shall	Table 3412.6.3 Note a. For areas between categories, the compartmentation value shall be obtained by linear	3781.10
4101:1-34-01	Shall	3412.6.3.1 A wall used to create separate compartments shall be a fire barrier conforming to Section 707 with a fire-resistance rating of not less than 2 hours.	3781.10
4101:1-34-01	Shall	3412.6.3.1 Where the building is not divided into more than one compartment, the compartment size shall be taken as the total floor area on all floors.	3781.10
4101:1-34-01	Shall	3412.6.3.1 Where there is more than one compartment within a story, each compartmented area on such story shall be provided with a horizontal exit conforming to Section	3781.10
4101:1-34-01	Shall	3412.6.3.1 The fire door serving as the horizontal exit between compartments shall be so installed, fitted and gasketed that such fire door will provide a substantial barrier to the passage of smoke.	3781.10
4101:1-34-01	Shall	3412.6.3.2 A floor/ceiling assembly used to create compartments shall conform to Section 711 and shall have a fire-resistance rating of not less than 2 hours.	3781.10
4101:1-34-01	Shall	3412.6.3.2 A floor/ceiling assembly used to create compartments shall conform to Section 711 and shall have a fire-resistance rating of not less than 2 hours.	3781.10
4101:1-34-01	Shall	3412.6.4 Group I-2 occupancies shall evaluate the rating of the separation between patient sleeping rooms.	3781.10
4101:1-34-01	Shall not	3412.6.5 This evaluation shall not include the wall elements considered under Sections 3412.6.3 and 3412.6.4.	3781.10
4101:1-34-01	Shall	Table 3412.6.5 Note a. Corridors not providing at least one-half the exit access travel distance for all occupants on a floor shall use Category b.	3781.10
4101:1-34-01	Shall	3412.6.6 The maximum positive value for this requirement (VO) shall be 2	3781.10

4101:1-34-01	Shall	3412.6.6.1 The following formula shall be used in computing vertical opening value. $VO = PV \times CF$	3781.10
4101:1-34-01	Shall	3412.6.6.1 The calculated value shall not be greater than positive 2.0.	3781.10
4101:1-34-01	Shall	3412.6.7 Facilities in Group I-2 occupancies meeting Categories a, b, or c shall be considered to fail the	3781.10
4101:1-34-01	Shall	3412.6.7.1 Under the categories and occupancies in Table 3412.6.8, determine the appropriate value and enter that value into Table 3412.7 under Safety Parameter 3412.6.8, Automatic Fire Detection, for fire safety, means of egress and general safety. Facilities in Group I-2 occupancies meeting Category a, b, or c shall be considered to fail the	3781.10
4101:1-34-01	Shall	Table 3412.6.10 Note a. This value shall be 0 if compliance with Category d or e in Section 3412.6.8.1 has not been	3781.10
4101:1-34-01	Shall	3412.6.10.1(2) Such openings shall be readily openable from the inside without a key or separate tool and shall be provided with ready access thereto. In lieu of operable openings, clearly and permanently marked tempered glass	3781.10
4101:1-34-01	Shall	3412.6.10.1(2) Such openings shall be readily openable from the inside without a key or separate tool and shall be provided with ready access thereto.	3781.10
4101:1-34-01	Shall	3412.6.10.1(2) In lieu of operable openings, clearly and permanently marked tempered glass panels shall be used.	3781.10
4101:1-34-01	Shall	3412.6.10.1(5) Return and exhaust air shall be moved directly to the outside without recirculation to other floor areas of the building under fire conditions.	3781.10
4101:1-34-01	Shall	3412.6.10.1(5) The system shall exhaust not less than six air changes per hour from the floor area. Supply air by mechanical means to the floor area is not required. Containment of smoke shall be considered as confining smoke to the fire area involved without migration to other	3781.10
4101:1-34-01	Shall	3412.6.10.1(5) Containment of smoke shall be considered as confining smoke to the fire area involved without migration to other floor areas.	3781.10
4101:1-34-01	Shall	3412.6.10.1(6) Each stairway shall be one of the following: a smokeproof enclosure in accordance with Section 1022.91023.11; pressurized in accordance with Section 909.20.5 or shall have operable exterior windows.	3781.10
4101:1-34-01	Shall	3412.6.10.1(6) Each stairway shall be one of the following: a smokeproof enclosure in accordance with Section 1022.91023.11; pressurized in accordance with Section 909.20.5 or shall have operable exterior windows.	3781.10
4101:1-34-01	Shall	3412.6.11 Existing fire escapes shall be accepted as a component in the means of egress when conforming to	3781.10
4101:1-34-01	Shall	3412.6.11.1(4) Exits shall be located a distance apart from each other equal to not less than that specified in Section	3781.10
4101:1-34-01	Shall	Table 3412.6.12 Note a. For dead-end distances between categories, the dead-end value shall be obtained by linear interpolation.	3781.10
4101:1-34-01	Shall	3412.6.12 The maximum allowable exit access travel distance shall be determined in accordance with Section	3781.10
4101:1-34-01	Shall	3412.6.14 Elevator recall controls shall be provided in accordance with the fire code.	3781.10

4101:1-34-01	Shall	3412.6.14 The values shall be zero for a single-story	3781.10
4101:1-34-01	Shall	3412.6.16 Where a building has two or more occupancies that are not in the same occupancy classification, the separation between the mixed occupancies shall be evaluated in accordance with this section.	3781.10
4101:1-34-01	Shall	3412.6.16 Where there is no separation between the mixed occupancies or the separation between mixed occupancies does not qualify for any of the categories indicated in Section 3412.6.16.1, the building shall be evaluated as indicated in Section 3412.6 and the value for mixed occupancies shall be zero.	3781.10
4101:1-34-01	Shall	3412.6.16 Where there is no separation between the mixed occupancies or the separation between mixed occupancies does not qualify for any of the categories indicated in Section 3412.6.16.1, the building shall be evaluated as indicated in Section 3412.6 and the value for mixed occupancies shall be zero.	3781.10
4101:1-34-01	Shall	3412.6.16 For buildings without mixed occupancies, the value shall be zero.	3781.10
4101:1-34-01	Shall	3412.6.16 Facilities in Group I-2 occupancies meeting Category a shall be consider to fail the evaluation.	3781.10
4101:1-34-01	Shall	Table 3412.6.16 Note a. For fire-resistance ratings between categories, the value shall be obtained by linear	3781.10
4101:1-34-01	Shall	3412.6.17 Evaluate the ability to suppress a fire based on the installation of an automatic sprinkler system in accordance with Section 903.3.1.1 "Required sprinklers" shall be based on the requirements of this code.	3781.10
4101:1-34-01	Shall	3412.6.17 Under the categories and occupancies in Table 3412.6.17, determine the appropriate value and enter that value into Table 3412.7 under Safety Parameter 3412.6.17, Automatic Sprinklers, for fire safety, means of egress divided by 2 and general safety.	3781.10
4101:1-34-01	Shall	3412.6.17 High-rise buildings defined in Chapter 2 that undergo a change of occupancy to Group R shall be equipped throughout with an automatic sprinkler system in accordance with Section 403 and Chapter 9.	3781.10
4101:1-34-01	Shall	3412.6.17 Facilities in Group I-2 occupancies meeting Category a, b, c or f shall be considered to fail the	3781.10
4101:1-34-01	Shall	3412.6.18 "Required standpipes" shall be based on the requirements of this code.	3781.10
4101:1-34-01	Shall	3412.6.20 Facilities in Group I-2 occupancies meeting Category b or c shall be considered to fail the evaluation.	3781.10
4101:1-34-01	Shall	Table 3412.6.20 Note a. For areas between categories, the smoke compartmentation value shall be obtained by linear interpolation.	3781.10
4101:1-34-01	Shall	3412.6.21 In I-2 occupancies, the ability of patients, their concentration and ratio to attendants shall be evaluated and applied in accordance with this section.	3781.10
4101:1-34-01	Shall	3412.9 The mandatory safety score in Table 3412.8 shall be subtracted from the building score in Table 3412.7 for each category.	3781.10
4101:1-34-01	Shall	3412.9.1 For mixed occupancies, the following provisions shall apply:	3781.10

