

2021

**Division of Occupational &
Professional Licenses**

Building

**Idaho Statutes
and
Administrative Rules**

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**TITLE 39. HEALTH AND SAFETY
CHAPTER 41. IDAHO BUILDING CODE ACT**

§ 39-4101. Legislative finding and intent

(1) Uniformity of building codes and uniformity in procedures for enforcing building safety codes throughout the state are matters of statewide concern and interest, in that uniformity would enhance elimination of obsolete, restricting, conflicting, duplicating and unnecessary regulations and requirements which could unnecessarily increase construction costs or retard the use of new materials and methods of installation or provide unwarranted preferential treatment to types or classes of materials or products or methods of construction.

(2) It is the intent of the legislature to:

(a) Promote the health, safety and welfare of the occupants or users of buildings and structures subject to this chapter;

(b) Require minimum performance standards and requirements for construction and construction materials, consistent with accepted standards of engineering, fire safety, life safety and accessibility for those with disabilities;

(c) Establish, for jurisdictions enforcing building codes pursuant to this chapter, minimum standards and requirements in terms of performance, energy efficiency, effect upon construction costs and consistency with nationally accepted standards;

(d) Permit the use of modern technical methods, devices and improvements; and

(e) Clarify and establish roles of the various jurisdictions subject to this chapter.

§ 39-4102. Short title

This chapter shall be known as "The Idaho Building Code Act."

§ 39-4103. Scope -- Exemptions

(1) This chapter authorizes the state division of building safety and local governments to adopt and enforce building codes pursuant to the provisions of this chapter.

(2) All buildings and other facilities owned by any state government agency or entity, including those owned, constructed or financed by the Idaho state building authority, shall conform to the codes adopted in this chapter, *chapter 2, title 41, Idaho Code, chapter 10, title 54, Idaho Code, chapter 26, title 54, Idaho Code, and chapter 50, title 54, Idaho Code*, and shall be subject to the jurisdiction of the state division of building safety and the state fire marshal for purposes of all plan reviews, permitting and inspections. In performing such plan reviews, permitting and inspections, the division of building safety and the state fire marshal shall route building plans to affected local government agencies, and shall take into consideration local government comments

and ordinances and shall promptly notify the local jurisdictions of actions taken and the reasons therefor, and transmit to the local jurisdictions copies of final building plans.

(3) All buildings and other facilities owned by anyone other than state government agencies or entities which are constructed or renovated specifically for use or occupancy by any state agency or entity shall conform to all state adopted codes and standards. Nothing in this subsection shall limit the authority of local governments to issue permits, review plans and provide a full range of building code enforcement activities for such buildings.

(4) The following are exempt from the provisions of this chapter:

(a) Equipment used primarily for industrial chemical process purposes and for mineral extraction and mineral processing purposes. This exemption shall not include the erection and fabrication of new boilers, pressure vessels and other equipment as required to condition the building for personnel comfort and safety. Equipment in this regard shall mean and shall be limited to facilities or installations for heating, ventilating, air conditioning, refrigerating equipment, elevators, dumbwaiters, escalators, and boilers and pressure vessels associated with building heating systems.

(b) Modular buildings as defined in *section 39-4301, Idaho Code*, that are constructed in the state of Idaho for installation on building sites outside the state; provided however, that no modular building shall be installed on a building site in the state of Idaho until it has been approved and bears the insignia of approval of the division as being in compliance with the requirements set forth in *chapter 43, title 39, Idaho Code*.

§ 39-4104. Enforcement of law

The administrator of the division of building safety shall enforce the provisions of this chapter that apply to the state. Local governments that adopt building codes shall enforce all of the provisions of this chapter that govern application by local governments.

§ 39-4105. Definitions

As used in this chapter, the terms defined in this section shall have the following meanings, unless the context clearly indicates another meaning. Where terms are not defined in this chapter and are defined in the currently adopted International Building Code published by the International Code Council, such terms shall have the meanings ascribed to them in that code:

(1) "Administrator" means the administrator of the division of building safety for the state of Idaho.

(2) "Board" means the Idaho building code board, herein created.

(3) "Building inspector" means a person who inspects buildings or structures for compliance with the provisions of this chapter.

(4) "Construction" means the erection, fabrication, reconstruction, demolition, alteration, conversion, or repair of a building, or the installation of equipment therein normally a part of the structure.

(5) "Division" means the state of Idaho division of building safety.

(6) "International Fire Code" means the International Fire Code as published by the International Code Council.

(7) "Local government" means any city or county of this state.

(8) "Manufactured home" means a structure, constructed after June 15, 1976, in accordance with the HUD manufactured home construction and safety standards, and is transportable in one (1) or more sections, which, in the traveling mode, is eight (8) body feet or more in width or is forty (40) body feet or more in length, or when erected on site, is three hundred twenty (320) or more square feet, and which is built on a permanent chassis and designed to be used as a dwelling with or without a permanent foundation when connected to the required utilities, and includes the plumbing, heating, air conditioning, and electrical systems contained therein, except that such term shall include any structure which meets all the requirements of this subsection except the size requirements and with respect to which the manufacturer voluntarily files a certification required by the secretary of housing and urban development and complies with the standards established under *42 U.S.C. section 5401 et seq.*

(9) "Mobile home" means a factory-assembled structure or structures generally constructed prior to June 15, 1976, and equipped with the necessary service connections and made so as to be readily movable as a unit or units on their own running gear and designed to be used as a dwelling unit or units with or without a permanent foundation.

(10) "Telecommunications facilities" means all wires, cables, equipment, apparatus or other installations necessary to furnish service, by which there is accomplished or may be accomplished, the sending or receiving of information, data, message writing signs, signals, pictures, and sounds of all kinds, by aid of such wires, cables, equipment, apparatus or other installations, but shall not include the habitable structure in which such telecommunications facilities are housed.

§ 39-4106. Idaho building code board created -- Membership -- Appointment -- Terms -- Quorum -- Compensation -- Meetings

(1) The Idaho building code board is established within the division as an appeals, code adoption and rulemaking board, to be appointed by the governor, and shall consist of ten (10) members: one (1) member of the general public; one (1) local fire official; one (1) licensed engineer; one (1) licensed architect; two (2) local building officials, one (1) from a county and one (1) from a city; two (2) building contractors, one (1) residential contractor who is an active member of the Idaho building contractors association with construction knowledge based primarily on a work history of buildings regulated by the International Residential Code, and one (1) commercial contractor who is an active member of either the associated builders and contractors or the associated general contractors of America with construction knowledge based primarily on a work history of buildings regulated by the International Building Code; one (1) representative of the modular building industry; and one (1) individual with a disability from an organization that

represents people with all types of disabilities. Board members shall be appointed for terms of four (4) years and until their successor has been appointed. Three (3) consecutive failures by a member to attend meetings of the board without reasonable cause shall constitute cause for removal of the member from the board by the governor. Whenever a vacancy occurs, the governor shall appoint a qualified person to fill the vacancy for the unexpired portion of the term.

(2) The members of the board shall, at their first regular meeting following the effective date of this chapter and every two (2) years thereafter, elect by majority vote of the members of the board, a chairman who shall preside at meetings of the board. A majority of the currently appointed members of the board shall constitute a quorum.

(3) Each member of the board not otherwise compensated by public moneys shall be compensated as provided by *section 59-509(n), Idaho Code*, for each day spent in attendance at meetings of the board.

(4) The board shall meet for regular business sessions at the call of the administrator, chairman, or at the request of four (4) members of the board, provided that the board shall meet at least biannually.

§ 39-4107. Powers and duties

(1) The board shall continually study the operation of adopted codes, standards and rules relating to the construction of buildings or facilities under the jurisdiction of the division to ascertain their effect upon the public safety and shall support an ongoing effort to promote the uniform adoption, application and interpretation of safety, accessibility and building codes statewide. The board shall have the authority to adopt and enforce the codes specified in *section 39-4109, Idaho Code*, or later editions of such codes, and to promulgate rules in accordance with *chapter 52, title 67, Idaho Code*, to implement the provisions of this chapter.

(2) The board shall function as a board of appeals for the division as prescribed in the adopted building code. The board shall have no authority to waive any requirements of the codes enumerated in this chapter or in rules promulgated pursuant to this chapter. Provided further:

(a) The decisions of the board shall be final, and the board shall render all decisions and findings in writing to the appellant and the administrator within ten (10) working days of the conclusion of a hearing; and

(b) For each appeal brought before the board, the chairman shall appoint not less than three (3) members of the board to hear the appeal and render a decision and finding in the name of the board.

(3) The board shall utilize experts, consultants, and technical advisors for assistance and recommendations relative to codes, standards, and appeals.

(4) The administrator may make building code inspections for another state or local jurisdiction upon request by an appropriate building official. Such inspections shall be made in accordance with the applicable building codes of the requesting jurisdiction. Fees charged for such inspection services shall be as provided in rules promulgated by the board pursuant to *chapter 52, title 67, Idaho Code*.

(5) Notwithstanding the exemptions provided in subsection (4)(b) of *section 39-4103, Idaho Code*, the administrator may make inspections of modular buildings constructed in Idaho upon written request from the manufacturer.

(a) Such inspections shall be made in accordance with the codes adopted in this chapter.

(b) Inspection fees shall be as provided in *section 39-4303, Idaho Code*.

(c) The administrator of the division of building safety may issue an insignia of approval if the buildings are in compliance with the requirements set forth in *chapter 43, title 39, Idaho Code*.

§ 39-4108. Certification

After July 1, 2002, state and local government building inspectors, including state safety advisors, shall hold a valid certification as a building inspector or building plans examiner issued by the International Code Council (ICC), except that a building inspector with a valid ICC residential building inspector certification may only inspect structures regulated by the International Residential Code (IRC). A building inspector with a valid ICC residential building inspector certification working under the supervision of an ICC-certified building inspector or building plans examiner may inspect all occupancy classifications for a period not to exceed three (3) years. An inspector may be hired without a valid ICC residential building inspector certification but must obtain such certification within a period of up to six (6) months after hire and must be under the supervision of an ICC-certified building inspector or building plans examiner until such certification is obtained. Until such certification is obtained, no official adverse action may be undertaken without review and approval of an ICC-certified building inspector or building plans examiner.

§ 39-4109. Application of codes

(1) The following codes are hereby adopted for the state of Idaho division of building safety and shall only be applied by local governments as prescribed by [section 39-4116, Idaho Code](#):

(a) The 2006 International Building Code shall be in effect, until such time as a subsequent version is adopted by the Idaho building code board, at which time the subsequent versions of the International Building Code as adopted and amended by the Idaho building code board through the negotiated rulemaking process as established in [section 67-5221, Idaho Code](#), and as further provided in subsection (5) of this section and in accordance with subsections (2) and (3) of this section shall be in effect:

(i) Including appendices thereto pertaining to building accessibility;

(ii) Excluding the incorporated electrical codes, mechanical code, fuel gas code, plumbing codes, fire codes or property maintenance codes other than specifically referenced subjects or sections of the International Fire Code; and

(iii) Including the incorporated Idaho residential code, parts I, II, III and IX; Idaho energy conservation code; and rules promulgated by the board to provide equivalency with the provisions of the Americans with disabilities act accessibility guidelines and the fair housing act accessibility guidelines shall be included.

(b) The version of the International Residential Code adopted by the Idaho building code board, together with the amendments, revisions or modifications adopted by the Idaho building code board through the negotiated rulemaking process, except for parts IV, V, VI, VII and VIII, as they pertain to energy conservation, mechanical, fuel gas, plumbing and electrical requirements, shall collectively constitute and be named the Idaho residential code. The Idaho residential code shall be in effect until such time as a subsequent version is adopted by the Idaho building code board, at which time the subsequent version of the Idaho residential code, as adopted and amended by the Idaho building code board through the negotiated rulemaking process provided in this section, shall be in effect. Any amendments, revisions or modifications made to the Idaho residential code by the board shall be made by administrative rules promulgated by the board;

(c) The version of the International Energy Conservation Code adopted by the Idaho building code board, together with the amendments, deletions or additions adopted by the Idaho building code board through the negotiated rulemaking process provided in this chapter, shall be in effect. The International Energy Conservation Code, together with any amendments, revisions or modifications made by the board, shall collectively constitute and be named the Idaho energy conservation code. The Idaho energy conservation code shall be in effect until such time as a subsequent version is adopted by the Idaho building code board, at which time the subsequent versions of the Idaho energy conservation code, as adopted and amended by the Idaho building code board through the negotiated rulemaking process provided in this section, shall be in effect. Any amendments, revisions or modifications made to the Idaho energy conservation code by the board shall be made by administrative rules promulgated by the board; and

(d) The 2006 International Existing Building Code as published by the International Code Council shall be in effect until such time as a subsequent version is adopted by the Idaho building code board, at which time the subsequent versions of the International Existing Building Code, as adopted and amended by the Idaho building code board through the negotiated rulemaking process provided in this section, shall be in effect.

(2) No amendments to the accessibility guidelines shall be made by the Idaho building code board that provide for lower standards of accessibility than those published by the International Code Council.

(3) No amendments to the Idaho residential building code shall be made by the Idaho building code board that provide for standards that are more restrictive than those published by the International Code Council.

(4) Any edition of the building codes adopted by the board will take effect on January 1 of the year following its adoption.

(5) In addition to the negotiated rulemaking process set forth in section [67-5221](#), Idaho Code, the board shall conduct a minimum of two (2) public hearings, not less than sixty (60) days apart. Express written notice of such public hearings shall be given by the board to each of the following entities not less than five (5) days prior to such hearing: associated general contractors of America, associated builders and contractors, association of Idaho cities, Idaho association of building officials, Idaho association of counties, Idaho association of REALTORS®, Idaho building contractors association, American institute of architects Idaho chapter, Idaho fire chiefs association, Idaho society of professional engineers, Idaho state independent living council, southwest Idaho building trades, Idaho building trades, and any other entity that, through electronic or written communication received by the administrator not less than twenty (20) days prior to such scheduled meeting, requests written notification of such public hearings.

§ 39-4109A. Mass Timber Construction

By January 1, 2022, the Idaho building code board shall amend the current Idaho building code to include the provisions of the 2021 International Building Code relating to mass timber construction. This must include permitting the three (3) new mass timber construction types IV-A, IV-B, and IV-C, along with the corresponding maximum heights and fire safety features.

§ 39-4111. Permits required

(1) It shall be unlawful for any person to do, or cause or permit to be done, whether acting as principal, agent or employee, any construction, improvement, extension or alteration of any building, residence or structure, coming under the purview of the division, in the state of Idaho without first procuring a permit from the division authorizing such work to be done.

(2) It shall be unlawful for any person to do, or cause or permit to be done, whether acting as principal, agent or employee, any construction, improvement, extension or alteration of any building, residence or structure in a local government jurisdiction enforcing building codes, without first procuring a permit in accordance with the applicable ordinance or ordinances of the local government.

(3) Subject to building code requirements governing accessibility, no permit shall require that any improvement, extension or alteration of any building, residence or structure include an upgrade to comply with building code requirements in unaffected existing parts of the building, residence or structure where the existing parts complied with the applicable building code in effect when such parts were constructed. This limitation shall not apply where the division or enforcing jurisdiction identifies a specific substantial safety hazard that would be created in the existing building, residence or structure by reason of the new improvement, extension or alteration, provided that any additional permitting requirement shall be limited to correcting the specific substantial safety hazard. The burden shall be upon the division or enforcing jurisdiction to prove the existence of such specific substantial safety hazard. The permit shall identify the specific hazard and the basis for determining that it is a substantial hazard.

§ 39-4112. Maximum permit fees to be assessed by the division

Building permit fees shall be as established by rules promulgated by the board. Until such rules are effective, building permit fees based on total value of the construction shall not exceed those given in table 3-A, Uniform Building Code, 1985.

§ 39-4113. Plan reviews -- Maximum fees and school inspections

(1) The administrator shall establish a program for plan review and permit issuance entirely within the division of building safety. Plan reviews shall be for the provisions of this chapter and *chapter 10, title 54, Idaho Code, chapter 26, title 54, Idaho Code, chapter 50, title 54, Idaho Code,*

and *chapter 86, title 39, Idaho Code*, pertaining to construction, alteration or repair of buildings or structures within the scope of the division's jurisdiction pursuant to this chapter. Plans for schools reviewed by the division shall not include a review for compliance with the provisions of *chapter 2, title 41, Idaho Code*, or for local planning and zoning requirements.

(2) Plan review fees shall be established by rules promulgated by the board. Local governments elected by school districts to perform building plan reviews for public schools as provided in this section shall not charge a fee for such review of building plans in excess of what the division has established by rule for building plan review services for public schools.

(3) Each manufacturer of commercial coaches and modular buildings shall submit the building plans for every model of such structure to the administrator for the purpose of review.

(4) (a) Public school building plans shall be approved by either the local government or the division of building safety, whichever the school district elects. Any city or county that has adopted by ordinance all the applicable codes pursuant to *section 39-4109, Idaho Code*, and the codes as permitted in *chapter 10, title 54, Idaho Code*, *chapter 26, title 54, Idaho Code*, and *chapter 50, title 54, Idaho Code*, shall be eligible to perform school plan reviews only if the following additional requirements are met: plans examiners performing building and energy code plan reviews shall hold current certification as a commercial building plans examiner by the International Code Council; examiners performing plumbing code plan reviews shall hold current certification as a plumbing inspector by the international association of plumbing and mechanical officials and shall be a licensed Idaho journeyman plumber; examiners performing electrical code plan reviews shall hold current certification as an electrical inspector by the national certification program for construction code inspectors and shall be a licensed Idaho journeyman electrician; and examiners performing mechanical code plan reviews shall hold current certification as a commercial mechanical inspector by the International Code Council.

(b) All plans examiners who perform public school plan reviews shall be either an employee of the division, an employee of the local jurisdiction in which the school is to be constructed, or performing plan reviews under an interagency contract between local jurisdictions, and shall meet the eligibility requirements as provided in subsection (4)(a) of this section.

(c) An eligible local government may contract with the division for review of any portion of the plans for which the local government does not have a properly certified plans examiner. A county may be deemed eligible to perform plan review services only for those types of installations for which they have authority pursuant to this chapter and *chapter 50, title 54, Idaho Code*, to adopt an enforcement program. Where an eligible county performs the plan review services, the electrical and plumbing code plan reviews shall be performed by the division at the hourly rate as established in rule by the division. Any local government elected to perform plan review services for public schools shall provide the division a copy of all approved plans.

(d) Wherein the proposed work is valued in excess of one hundred thousand dollars (\$100,000), a school district may elect to utilize the school plan review services available from an eligible local government building code enforcement jurisdiction or from the division. Wherein the proposed work is valued at one hundred thousand dollars (\$100,000) or less, a school district may elect to use a local government without regard to the eligibility requirements in subsection (4)(a) of this section. Election by a school district shall be made by submitting a written certification to both the division and the involved local government.

(e) Public school plan review services provided by either the division or an eligible local jurisdiction pursuant to this section shall include a review of the following disciplines: building structural and nonstructural), mechanical, fuel gas, plumbing, electrical, accessibility, elevators, boilers, and energy conservation. At a minimum, plan review services shall include:

(i) A technical examination of all drawings and construction documents; and

(ii) The approval of such drawings and construction documents by determining whether such are in accord with the codes adopted pursuant to *sections 39-4109, 54-1001, 54-2601 and 54-5001, Idaho Code*.

(iii) A determination that the drawings and construction documents are in compliance, or noncompliance, with the applicable codes, code interpretation, and the identification of approved modifications or alternative materials, design or methods; and

(iv) The identification of the reviewing official(s), the date upon which plans are approved, as well as a stamp or some other similar mark on the plans evidencing approval.

(f) If a school district elects to utilize the plan review services of the division, it shall submit to the division of building safety three (3) sets of working drawings and specifications for new public school buildings or facilities and additions or alterations to existing facilities. The division will review the plans submitted to it pursuant to this section for compliance with the current editions of the codes specified in this chapter or within rules promulgated pursuant to this chapter by the board and by *section 39-8006, Idaho Code*.

(5) Public school building plans must be approved by either the local government or the division before the school district may advertise for bids. Once plans are reviewed and approved pursuant to this section, no material change can be made to such plans without review and approval of such change by the jurisdiction performing the plan review. All school construction or remodeling governed by this chapter shall be inspected by building inspectors certified in accordance with *section 39-4108, Idaho Code*, or by Idaho licensed architects or engineers to determine compliance with this chapter and the Idaho uniform school building safety act, *chapter 80, title 39, Idaho Code*. Nothing in this section shall limit the authority of local governments to issue building permits, perform fire code or other zoning and land use related plan reviews or provide a full range of building code enforcement activities as they relate to inspections of school buildings or facilities sited within their jurisdiction regardless of the election exercised by the school district pursuant to this section.

§ 39-4115. Personnel

The division shall designate a nonclassified employee to serve as the executive director of the board and such other personnel as necessary to effect enforcement of the codes herein enumerated or otherwise prescribed by rules promulgated by the board pursuant to this chapter.

§ 39-4116. Local government adoption and enforcement of building codes

(1) Local governments enforcing building codes shall do so only in compliance with the provisions of this section. Local governments that have not previously instituted and implemented a code enforcement program prior to the effective date of this act may elect to implement a building code enforcement program by passing an ordinance evidencing the intent to do so. Local

governments may contract with a public or private entity to administer their building code enforcement program.

(2) Local governments that issue building permits and perform building code enforcement activities shall, by ordinance effective January 1 of the year following the adoption by the Idaho building code board, adopt the following codes as published by the International Code Council together with any amendments or revisions set forth in section [39-4109](#), Idaho Code, including subsequent versions of the International Building Code as adopted and amended by the Idaho building code board through the negotiated rulemaking process provided in this chapter:

(a) International Building Code, including all rules promulgated by the board to provide equivalency with the provisions of the Americans with disabilities act accessibility guidelines and the federal fair housing act accessibility guidelines;

(b) Idaho residential code, parts I-III and IX; and

(c) Idaho energy conservation code.

Local governments are not required by this chapter to adopt the other referenced codes in the International Building Code. Local jurisdictions shall not adopt provisions, chapters, sections or parts of subsequent versions of the International Residential Code or residential provisions of the International Energy Conservation Code, or subsequent versions in their entirety, that have not been adopted by the Idaho building code board except as provided in subsection (4) of this section.

(3) All single family homes and multiple family dwellings up to two (2) units are hereby exempted from the provisions of the International Fire Code, the International Building Code and the Idaho residential code that require such dwellings to have automatic fire sprinkler systems installed. Nothing in this section shall prevent any person from voluntarily installing an automatic fire sprinkler system in any residential dwelling.

(4) Except as provided in this subsection, local governments may amend by ordinance the adopted codes or provisions of referenced codes to reflect local concerns, provided such amendments establish at least an equivalent level of protection to that of the adopted building code. A local jurisdiction shall not have the authority to amend any accessibility provision pursuant to section [39-4109](#), Idaho Code, except as provided in this subsection.

(a) A local jurisdiction shall not have the authority to amend any accessibility provision pursuant to section [39-4109](#), Idaho Code.

(b) A local jurisdiction shall not adopt any provision, chapter, section or part of the International Residential Code or residential provisions of the International Energy Conservation Code, or subsequent versions in their entirety, that have not been adopted or that have been expressly rejected or exempted from the adopted version of those codes by the Idaho building code board through the negotiated rulemaking process as provided in section [39-4109](#), Idaho Code.

(c) Local jurisdictions may amend by ordinance the following provisions of the Idaho residential code to reflect local concerns:

(i) Part I, Administrative;

(ii) Part II, Definitions;

(iii) Part III, Building Planning and Construction, Section R 301, Design Criteria;

and

(iv) Part IX, Appendices.

(d) Local jurisdictions may amend by ordinance the following provisions of the Idaho energy conservation code to reflect local concerns:

(i) Chapter 1, Scope and Application; and

(ii) Chapter 2, Definitions.

(e) Local jurisdictions may amend the remainder of Part III of the Idaho residential code if they find that good cause for building or life safety exists for such an amendment to such codes and that such amendment is reasonably necessary. Amendments shall be adopted by ordinance in accordance with the provisions of [chapter 9, title 50](#), Idaho Code, or [chapter 7, title 31](#), Idaho Code, and provided further that such local jurisdiction shall conduct a public hearing and, provided further, that notice of the time and place of the public hearing shall be published in the official newspaper or paper of general circulation within the jurisdiction and written notice of each of such public hearing and the proposed language shall be given by the local jurisdiction to the local chapters of the entities identified in section [39-4109\(5\)](#), Idaho Code, not less than thirty (30) days prior to such hearing. In the event that there are no local chapters of such entities identified in section [39-4109\(5\)](#), Idaho Code, within the local jurisdiction holding the hearings, the notice shall be provided to the state associations of the respective entities.

(5) Local governments shall exempt agricultural buildings from the requirements of the codes enumerated in this chapter and the rules promulgated by the board. A county may issue permits for farm buildings to assure compliance with road setbacks and utility easements, provided that the cost for such permits shall not exceed the actual cost to the county of issuing the permits.

(6) Permits shall be governed by the laws in effect at the time the permit application is received.

(7) The division shall retain jurisdiction for in-plant inspections and installation standards for manufactured or mobile homes and for in-plant inspections and enforcement of construction standards for modular buildings and commercial coaches.

§ 39-4120. Appeals to board -- Judicial review

The board shall, within twenty (20) days after receipt of notice for an appeal, hear such appeals brought before it by persons affected by any code, rule, regulation or decision applicable to buildings within the jurisdiction of the division. Such proceedings shall be governed by the provisions of *chapter 52, title 67, Idaho Code*. Final decisions of the board, other than code interpretations, are subject to judicial review in accordance with the provisions of *chapter 52, title 67, Idaho Code*.

§ 39-4124. "Idaho building code fund" established

All money received by the division under the terms and provisions of this chapter shall be paid into the state treasury, and shall be, by the state treasurer, placed to the credit of the general fund in an account to be known as the "Idaho building code fund," and all such moneys, hereafter placed in said fund, are hereby set aside and appropriated to the division to carry into effect the provisions of this chapter.

§ 39-4125. Injunction -- Affidavit setting out nonconformity

The division may obtain from a district court having jurisdiction, a temporary injunction enjoining the construction of a building(s) or installation of modular buildings on any building site upon

affidavit of the division that such building does not conform to the requirements of this chapter or to the rules adopted pursuant to this chapter or any other chapter of Idaho Code relating to building construction. The affidavit must set forth such violations in detail. The injunction may be made permanent, in the discretion of the court.

§ 39-4126. Violations misdemeanors

(1) Any person who willfully violates any provision of this chapter or who willfully violates any provisions of the codes enumerated in this chapter or rules promulgated by the administrator or the board pursuant to this chapter, is guilty of a misdemeanor, and upon conviction, shall be fined not more than three hundred dollars (\$300), or imprisoned for not more than ninety (90) days or by both fine and imprisonment. Violations of this chapter shall be tried in any court of competent jurisdiction within the state of Idaho.

(2) A separate violation is deemed to have occurred with respect to each building not in compliance with this chapter. Each day such violation continues constitutes a separate offense.

(3) The misdemeanor provisions of subsections (1) and (2) of this section shall not apply to manufactured homes. Violations of manufactured home construction and safety standards shall be tried in any court of competent jurisdiction.

§ 39-4129. Severability

If any portion of this act, or the application of such provision to any person or circumstance, shall be held invalid, the remainder of this act, or the application of such provision to persons or circumstances other than to those to which it is held invalid, shall not be affected thereby.

§39-8010. Appeal the Building Code Advisory Board

1) The Idaho building code advisory board shall, within ten (10) days after receipt of notice for an appeal, hear such appeal brought before it by a school district affected by any finding pursuant to this chapter that there exists in a school building a violation of the uniform school building safety code, provided however, that an appeal brought pursuant to this section shall not affect the ability of the administrator to obtain an injunction pursuant to section [39-8009](#), Idaho Code. Such hearing shall be governed by the provisions of [chapter 52, title 67](#), Idaho Code. Final decisions of the board, other than code interpretations, are subject to judicial review in accordance with the provisions of [chapter 52, title 67](#), Idaho Code.

(2) The board shall provide reasonable interpretations of the codes enumerated in this chapter.

(3) Within ten (10) days of the conclusion of the hearing, the board shall render its findings and decisions in writing to the state superintendent of public instruction, the administrator of the division of building safety and the appealing district.

IDAPA 24 – DIVISION OF OCCUPATIONAL AND PROFESSIONAL LICENSES

IDAHO BUILDING CODE BOARD

24.39.30 – Rules of Building Safety (Building Code Rules)

Who does this rule apply to?

This rule applies to those who perform building construction in Idaho, and those who request plans examination and inspection services from the Division, including public entities and modular building manufacturers.

What is the purpose of this rule?

The rule adopts the specific editions of the building codes prescribed by Idaho Code, and adopted by the Idaho Building Code Board, along with amendments to such building codes as determined by the Board. The rule also provides the fees for building plans examination services, permits and inspections provided by the Division, as well as prescribes the authority, processes and other requirements related to how the Division performs inspections on all public buildings and school facilities, as well as for modular structures and manufactured homes.

What is the legal authority for the agency to promulgate this rule?

This rule implements the following statute(s) passed by the Idaho Legislature:

Health and Safety -

- [Title 39, Chapter 41, Idaho Code](#) – Idaho Building Code Act
- [Title 39, Chapter 43, Idaho Code](#) – Modular Buildings
- [39-4107, Idaho Code](#) – Powers and Duties
- [39-4109, Idaho Code](#) – Application of Codes

Who do I contact for more information on this rule?

Idaho Division of Building Safety
1090 E. Watertower Street, Suite 150
Meridian, ID 83642
Phone: (208) 334-3950
Fax: (877) 810-2840
Email: customer.service@dbs.idaho.gov
Website: <https://dbs.idaho.gov/>

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24.39.30 – RULES OF BUILDING SAFETY (BUILDING CODE RULES)

000. LEGAL AUTHORITY.

The rules are promulgated pursuant to Section 39-4107, Idaho Code.

(7-1-21)T

001. SCOPE.

The rules prescribe the criteria for enforcement and administration of the Idaho Building Code Act by the Idaho Building Code Board and the Division of Occupational and Professional Licenses.

(7-1-21)T

002. -- 003. (RESERVED)

004. ADOPTION AND INCORPORATION BY REFERENCE.

Under the provisions of Sections 39-4109 and 39-4109A, Idaho Code, the codes enumerated in this section are hereby adopted and incorporated by reference into these rules.

(7-1-21)T

01. International Building Code.

(7-1-21)T

a. 2018 Edition with the following amendments:

(7-1-21)T

i. Delete Section 305.2.3 and replace with the following: 305.2.3 Twelve (12) or fewer children in a dwelling unit. A facility such as the above within a dwelling unit and having twelve (12) or fewer children receiving such day care shall be classified as a Group R-3 occupancy or shall comply with the International Residential Code.

(7-1-21)T

ii. Delete Section 308.2.4 and replace with the following: 308.2.4 Five (5) or fewer persons receiving custodial care. A facility with five (5) or fewer persons receiving custodial care shall be classified as a Group R-3 occupancy or shall comply with the International Residential Code.

(7-1-21)T

iii. Delete Section 308.3.2 and replace with the following: 308.3.2 Five (5) or fewer persons receiving medical care. A facility with five (5) or fewer persons receiving medical care shall be classified as a Group R-3 occupancy.

(7-1-21)T

iv. Delete Section 308.5.4 and replace with the following: 308.5.4 Persons receiving care in a dwelling unit. A facility such as the above within a dwelling unit and having twelve (12) or fewer children receiving day care or having five (5) or fewer persons receiving custodial care shall be classified as a Group R-3 occupancy or shall comply with the International Residential Code.

(7-1-21)T

v. Delete Section 310.4 and replace with the following: 310.4 Residential Group R-3. Residential Group R-3 occupancies where the occupants are primarily permanent in nature and not classified as Group R-1, R-2, R-4, E or I, including: 1. Buildings that do not contain more than two (2) dwelling units. 2. Care facilities that provide accommodations for five (5) or fewer persons receiving personal care, custodial care or medical care. 3. Congregate living facilities (nontransient) with sixteen (16) or fewer occupants, including boarding houses (nontransient), convents, dormitories, fraternities and sororities, and monasteries. 4. Congregate living facilities (transient) with ten (10) or fewer occupants, including boarding houses (transient). 5. Dwelling units providing day care for twelve (12) or fewer children. 6. Lodging houses (transient) with five (5) or fewer guest rooms and ten (10) or fewer occupants.

(7-1-21)T

vi. Delete Section 310.4.1 and replace with the following: 310.4.1 Care facilities within a dwelling. Care facilities for twelve (12) or fewer children receiving day care or for five (5) or fewer persons receiving personal care or custodial care that are within a one- or two-family dwelling are permitted to comply with the International Residential Code.

(7-1-21)T

vii. Add the following as Section 602.1.2: 602.1.2 Alternative provisions. As an alternative to the construction types defined in Sections 602.2 through 602.5, buildings and structures erected or to be erected, altered, or extended in height or area may be classified as construction type IV-A, IV-B, or IV-C in accordance with the provisions adopted in Paragraph 004.01.b of these rules. Buildings and structures classified as construction type IV-A, IV-B, or IV-C shall comply with the provisions adopted in Paragraph 004.01.b of these rules and all other applicable provisions of this code.

(7-1-21)T

viii. Delete footnote ^e under Table 2902.1 Minimum Number of Required Plumbing Fixtures and replace with the following: ^e For business occupancies, excluding restaurants, and mercantile occupancies with an occupant load of thirty (30) or fewer, service sinks shall not be required.

(7-1-21)T

ix. Delete footnote ^f from Table 2902.1 Minimum Number of Required Plumbing Fixtures, add footnote ^f in the header row of the column in Table 2902.1 labeled “Drinking Fountains,” and delete footnote ^f under Table 2902.1 and replace with the following: ^f Drinking fountains are not required for an occupant load of thirty (30) or fewer. (7-1-21)T

x. Delete Section 3113.1 and replace with the following: 3113.1 General. The provisions of this Section shall apply to relocatable buildings. Relocatable buildings manufactured after the effective date of this code shall comply with the applicable provisions of this code; title 39, chapter 43, Idaho Code; and IDAPA 24.39.31. Exception: This Section shall not apply to manufactured housing used as dwellings. (7-1-21)T

b. The provisions of the 2021 Edition relating to mass timber construction, including, but not limited to: (7-1-21)T

i. In Section 202, the definitions of the terms MASS TIMBER; NONCOMBUSTIBLE PROTECTION (FOR MASS TIMBER); SECONDARY STRUCTURAL MEMBERS; and WALL, LOAD BEARING; (7-1-21)T

ii. Sections 403.3.2, 508.4.4.1, 509.4.1.1, 602.4 through 602.4.3.6, 703.6, 703.7, 704.4, 722.7 through 722.7.2.2, 1705.5.3, 1705.20, 2304.10.1, 3313.1 through 3313.3.3, 3313.5, and 3314.1; (7-1-21)T

iii. Tables 504.3, 504.4, 506.2, 601, 705.5, 722.7.1(1), 722.7.1(2), and 1705.5.3, including any note following each table adopted in this subparagraph; and (7-1-21)T

iv. In Chapter 35, the referenced standards ANSI/APA PRG 320—2019: Standard for Performance-rated Cross-laminated Timber, referenced in Sections 602.4 and 2303.1.4, and ASTM D3498—03(2011): Standard Specification for Adhesives for Field-Gluing Plywood to Lumber Framing for Floor Systems, referenced in Section 703.7. (7-1-21)T

02. International Residential Code. 2018 Edition with the following amendments: (7-1-21)T

a. Delete the exception under Section R101.2 Scope, and replace with the following: Exception: The following shall also be permitted to be constructed in accordance with this code: 1. Owner-occupied lodging houses with five (5) or fewer guestrooms and ten (10) or fewer total occupants. 2. A care facility with five (5) or fewer persons receiving custodial care within a dwelling unit or single-family dwelling. 3. A care facility for five (5) or fewer persons receiving personal care that are within a dwelling unit or single-family dwelling. 4. A care facility with twelve (12) or fewer children receiving day care within a dwelling unit or single-family dwelling. (7-1-21)T

b. Delete Section R104.10.1 Flood hazard areas. (7-1-21)T

c. Delete item number 7 under the “Building” subheading of Section R105.2 Work exempt from permit, and replace with the following: 7. Prefabricated swimming pools that are not greater than four (4) feet (one thousand, two hundred nineteen (1219) mm) deep. (7-1-21)T

d. Add the following as item number 11 under the “Building” subheading of Section R105.2 Work exempt from permit: 11. Flag poles. (7-1-21)T

e. Delete Section R109.1.3 and replace with the following: R109.1.3 Floodplain inspections. For construction in areas prone to flooding as established by Table R301.2(1), upon placement of the lowest floor, including basement, the building official is authorized to require submission of documentation of the elevation of the lowest floor, including basement, required in Section R322. (7-1-21)T

f. Delete Section R301.2.1.2 Protection of Openings. (7-1-21)T

g. Delete Table R302.1(1) and replace with the following:

TABLE R302.1(1) - EXTERIOR WALLS

EXTERIOR WALL ELEMENT		MINIMUM FIRE-RESISTANCE RATING	MINIMUM FIRE SEPARATION DISTANCE
Walls	Fire-resistance rated	1 hour-tested in accordance with ASTM E 119, UL263, or Section 703.3 of the International Building Code with exposure from both sides	< 3 feet
	Not fire-resistance rated	0 hours	≥ 3 feet
Projections	Fire-resistance rated	1 hour on the underside, or heavy timber, or fire retardant-treated wood ^{a,b}	≥ 2 feet to < 3 feet
	Not fire-resistance rated	0 hours	≥ 3 feet
Openings in Walls	Not allowed	N/A	< 3 feet
	25% maximum of wall area	0 hours	≥ 3 feet to < 5 feet
	Unlimited	0 hours	5 feet
Penetrations	All	Comply with Section R302.4	< 3 feet
		None required	≥ 3 feet

For SI: 1 foot = 304.8 mm.

N/A = Not Applicable

^a The fire-resistance rating shall be permitted to be reduced to zero (0) hours on the underside of the eave overhang if fireblocking is provided from the wall top plate to the underside of the roof sheathing.

^b The fire-resistance rating shall be permitted to be reduced to zero (0) hours on the underside of the rake overhang where gable vent openings are not installed. (7-1-21)T

h. Delete Section R302.13 Fire protection of floors. (7-1-21)T

i. Delete Section R303.4 and replace with the following: R303.4 Mechanical Ventilation. Dwelling units shall be provided with whole-house mechanical ventilation in accordance with Section M1505.4. (7-1-21)T

j. Delete the exception under Section R313.1 Townhouse automatic fire sprinkler systems, and replace with the following: Exception: Automatic residential fire sprinkler systems shall not be required in townhouses where either two (2) one (1)-hour fire-resistance-rated walls or a common two (2)-hour fire-resistance rated wall, as specified in item number 2 of Section R302.2.2 is installed between dwelling units or when additions or alterations are made to existing townhouses that do not have an automatic residential fire sprinkler system installed. (7-1-21)T

k. Delete Section R313.2 One- and two-family dwellings automatic fire sprinkler systems. (7-1-21)T

l. Delete the exceptions under Section R314.2.2 Alterations, repairs and additions, and replace with the following: Exceptions: 1. Work involving the exterior surfaces of dwellings, such as, but not limited to, replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck or electrical permits, are exempt from the requirements of this section. 2. Installation, alteration or repairs of plumbing or mechanical systems are exempt from the requirements of this section. (7-1-21)T

m. Delete the exceptions under Section R315.2.2 Alterations, repairs and additions, and replace with the following: Exceptions: 1. Work involving the exterior surfaces of dwellings, such as, but not limited to,

replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck or electrical permits, are exempt from the requirements of this section. 2. Installation, alteration or repairs of noncombustion plumbing or mechanical systems are exempt from the requirements of this section. (7-1-21)T

n. Delete Section R322.1.10 As-built elevation documentation. (7-1-21)T

o. Delete Section R322.2.1 and replace with the following: R322.2.1 Elevation requirements. 1. Buildings and structures in flood hazard areas, including flood hazard areas designated as Coastal A Zones, shall have the lowest floors elevated to or above the base flood elevation. 2. In areas of shallow flooding (AO Zones), buildings and structures shall have the lowest floors (including basement) elevated to a height above the highest adjacent grade of not less than the depth number specified in feet (mm) on the FIRM, or not less than two (2) feet (610 mm) if a depth number is not specified. 3. Basement floors that are below grade on all sides shall be elevated to or above base flood elevation. Exception: Enclosed areas below the design flood elevation, including basements with floors that are not below grade on all sides, shall meet the requirements of Section R322.2.2. (7-1-21)T

p. Delete subparagraph 2.1 of Section R322.2.2 Enclosed area below design flood elevation, and replace with the following: 2.1. The total net area of all openings shall be at least one (1) square inch (645 mm²) for each square foot (0.093 m²) of enclosed area, or the opening shall be designed and the construction documents shall include a statement that the design and installation of the openings will provide for equalization of hydrostatic flood forces on exterior walls by allowing the automatic entry and exit of floodwaters. (7-1-21)T

q. Delete Tables R403 Minimum Depth (D) and Width (W) of Crushed Stone Footings (inches), R403.1(1) Minimum Width and Thickness for Concrete Footings for Light-Frame Construction (inches), R403.1(2) Minimum Width and Thickness for Concrete Footings for Light-Frame Construction and Brick Veneer (inches), and R403.1(3) Minimum Width and Thickness for Concrete Footings with Cast-In-Place or Fully Grouted Masonry Wall Construction (inches). (7-1-21)T

r. Add the following as Table R403.1:

**TABLE R403.1
MINIMUM WIDTH OF CONCRETE, PRECAST, OR MASONRY FOOTINGS (inches)^a**

	LOAD-BEARING VALUE OF SOIL (psf)			
	1,500	2,000	3,000	≥ 4,000
Conventional light-frame construction				
1-Story	12	12	12	12
2-Story	15	12	12	12
3-Story	23	17	12	12
4-inch brick veneer over light frame or 8-inch hollow concrete masonry				
1-Story	12	12	12	12
2-Story	21	16	12	12
3-Story	32	24	16	12
8-inch solid or fully grouted masonry				
1-Story	16	12	12	12
2-Story	29	21	14	12
3-Story	42	32	21	16

For SI: 1 inch = 25.4 mm, 1 pound per square foot = 0.0479 kPa.

^aWhere minimum footing width is twelve (12) inches, use of a single wythe of solid or fully grouted twelve (12)-inch nominal concrete masonry units is permitted. (7-1-21)T

s. Delete Section R403.1.1 and replace with the following: R403.1.1 Minimum size. Minimum sizes for concrete and masonry footings shall be as set forth in Table R403.1 and Figure R403.1(1). The footing width (W) shall be based on the load bearing value of the soil in accordance with Table R401.4.1. Spread footings shall be at least six (6) inches in thickness (T). Footing projections (P) shall be at least two (2) inches and shall not exceed the thickness of the footing. The size of footings supporting piers and columns shall be based on the tributary load and allowable soil pressure in accordance with Table R401.4.1. Footings for wood foundations shall be in accordance with the details set forth in Section R403.2 and Figures R403.1(2) and R403.1(3). (7-1-21)T

t. Delete Section R602.10 and replace with the following: R602.10 Wall bracing. Buildings shall be braced in accordance with this Section or, when applicable Section R602.12, or the most current edition of APA System Report SR-102 as an alternate method. Where a building, or portion thereof, does not comply with one (1) or more of the bracing requirements in this Section, those portions shall be designed and constructed in accordance with Section R301.1. (7-1-21)T

03. International Existing Building Code. 2018 Edition. (7-1-21)T

04. International Energy Conservation Code. 2018 Edition with the following amendments: (7-1-21)T

a. Add the following as Section C101.5.2: C101.5.2 Industrial, electronic, and manufacturing equipment. Buildings or portions thereof that are heated or cooled exclusively to maintain the required operating temperature of industrial, electronic, or manufacturing equipment shall be exempt from the provisions of this code. Such buildings or portions thereof shall be separated from connected conditioned space by building thermal envelope assemblies complying with this code. (7-1-21)T

b. Add the following as an exception under Section C402.5 Air leakage—thermal envelope (Mandatory): Exception: For buildings having over fifty thousand (50,000) square feet of conditioned floor area, air leakage testing shall be permitted to be conducted on less than the whole building, provided the following portions of the building are tested and their measured air leakage is area-weighted by the surface areas of the building envelope: 1. The entire floor area of all stories that have any spaces directly under a roof. 2. The entire floor area of all stories that have a building entrance or loading dock. 3. Representative above-grade wall sections of the building totaling at least twenty-five percent (25%) of the above-grade wall area enclosing the remaining conditioned space. Floor area tested under subparagraphs 1. or 2. of this exception shall not be included in the twenty-five percent (25%) of above-grade wall sections tested under this subparagraph. (7-1-21)T

c. Add the following as exception number 7 under Section C403.5 Economizers (Prescriptive): 7. Unusual outdoor air contaminate conditions – Systems where special outside air filtration and treatment for the reduction and treatment of unusual outdoor contaminants, makes an air economizer infeasible. (7-1-21)T

d. Delete Table C404.5.1 and replace with the following:

TABLE C404.5.1 PIPING VOLUME AND MAXIMUM PIPING LENGTHS			
NOMINAL PIPE SIZE (inches)	VOLUME (liquid ounces per foot length)	MAXIMUM PIPING LENGTH (feet)	
		Public lavatory faucets	Other fixtures and appliances
1/4	0.33	31	50

TABLE C404.5.1 PIPING VOLUME AND MAXIMUM PIPING LENGTHS			
NOMINAL PIPE SIZE (inches)	VOLUME (liquid ounces per foot length)	MAXIMUM PIPING LENGTH (feet)	
		Public lavatory faucets	Other fixtures and appliances
5/16	0.5	N/A - non-standard size	50
3/8	0.75	17	50
1/2	1.5	10	43
5/8	2	7	32
3/4	3	5	21
7/8	4	N/A - non-standard size	16
1	5	3	13
1 1/4	8	2	8
1 1/2	11	1	6
2 or larger	18	1	4

For SI: 1 inch = 25.4 mm; 1 foot = 304.8 mm; 1 liquid ounce = 0.030 L; 1 gallon = 128 ounces. (7-1-21)T

e. Delete the rows in Table R402.1.2 for climate zones “5 and Marine 4” and “6” and replace with the following:

TABLE R402.1.2 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT ^a										
Climate Zone	Fenestration U- Factor ^b	Skylight ^b U-factor	Glazed Fenestration SHGC ^{b, c}	Ceiling R-Value	Wood Frame Wall R-Value	Mass Wall R-Value ⁱ	Floor R-Value	Basement ^c Wall R-Value	Slab ^d R-Value & Depth	Crawlspace ^c Wall R-Value
5	0.32	0.55	NR	38	20 or 13+5 ^h	13/17	30 ^g	15/19	10, 2 ft	15/19

TABLE R402.1.2 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT ^a										
Climate Zone	Fenestration U-Factor ^b	Skylight U-factor ^b	Glazed Fenestration SHGC ^{b, c}	Ceiling R-Value	Wood Frame Wall R-Value	Mass Wall R-Value ⁱ	Floor R-Value	Basement Wall R-Value ^c	Slab ^d R-Value & Depth	Crawlspace ^c Wall R-Value
6	0.30	0.55	NR	49	22 or 13+5 ^h	15/20	30 ^g	15/19	10, 4 ft	15/19

(7-1-21)T

f. Add the following as footnote ^k to the title of Table R402.1.2 - Insulation and Fenestration Requirements by Component: ^k. For residential log home building thermal envelope construction requirements see Section R402.6. (7-1-21)T

g. Delete the rows in Table R402.1.4 for climate zones “5 and Marine 4” and “6” and replace with the following:

TABLE R402.1.4 EQUIVALENT U-FACTORS ^a								
Climate Zone	Fenestration U-factor	Skylight U-factor	Ceiling U-factor	Frame Wall U-factor	Mass Wall U-factor ^b	Floor U-factor	Basement Wall U-factor	Crawlspace Wall U-factor
5	0.32	0.55	0.030	0.060	0.082	0.033	0.050	0.055
6	0.30	0.55	0.026	0.057	0.060	0.033	0.050	0.055

(7-1-21)T

h. Delete Section R402.4.1 and replace with the following: R402.4.1 Building thermal envelope. 1. Until June 30, 2021, the building thermal envelope shall comply with Sections R402.4.1.1 (Installation) and either Section R402.4.1.2 (Testing) or Section R402.4.1.3 (Visual inspection). 2. Effective July 1, 2021, the building thermal envelope of a minimum of twenty percent (20%) of all new single-family homes constructed by each builder shall comply with Section R402.4.1.1 (Installation) and Section R402.4.1.2 (Testing). The authority having jurisdiction may: 2.1. Determine how to enforce this requirement, starting with the fifth house and continuing with each subsequent fifth house. 2.2. Waive this requirement if significant testing indicates the five (5) air changes per hour (ACH) requirement is consistently being met or exceeded (resulting in a lower ACH). 2.3. Grant exceptions to this requirement in rural areas where testing equipment is not available or cost effective. 3. Effective July 1, 2021, the building thermal envelope of eighty percent (80%) of all new single-family homes constructed by each builder shall comply with Section R402.4.1.1 (Installation) and either Section R402.4.1.2 (Testing) or Section R402.4.1.3 (Visual inspection). 4. The sealing methods between dissimilar materials shall allow for differential expansion and contraction. (7-1-21)T

i. Delete Section R402.4.1.1 and replace with the following: R402.4.1.1 Installation. The components of the building thermal envelope as listed in Table R402.4.1.1 shall be installed in accordance with the manufacturer’s instructions and the criteria listed in Table R402.4.1.1, as applicable to the method of construction. (7-1-21)T

j. Delete Section R402.4.1.2 and replace with the following: R402.4.1.2 Testing. Testing building envelope tightness and insulation installation shall be considered acceptable when tested air leakage is less than five (5) air changes per hour (ACH) when tested with a blower door at a pressure of 33.5 psf (50 Pa). Testing shall occur after rough in and after installation of penetrations of the building envelope, including penetrations for utilities,

plumbing, electrical, ventilation and combustion appliances. Testing shall be conducted in accordance with RESNET/ICC 380, ASTM E 779 or ASTM E 1827 and reported at a pressure of 0.2-inch w.g. (50 Pascals). During testing: 1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed. 2. Dampers shall be closed, but not sealed, including exhaust, intake, makeup air, backdraft and flue dampers. 3. Interior doors shall be open. 4. Exterior openings for continuous ventilation systems and heat recovery ventilators shall be closed and sealed. 5. Heating and cooling system(s) shall be turned off. 6. HVAC ducts shall not be sealed. 7. Supply and return registers shall not be sealed. (7-1-21)T

k. Add the following as Section R402.4.1.3: R402.4.1.3 Visual inspection. Building envelope tightness and insulation installation shall be considered acceptable when the items listed in Table R402.4.1.1, applicable to the method of construction, are field verified. Where required by code official an approved party independent from the installer of the insulation shall inspect the air barrier and insulation. (7-1-21)T

l. Add the following as Section R402.6: R402.6 Residential log home thermal envelope. Residential log home construction shall comply with Section R401 (General), Section R402.4 (Air leakage), Section R402.5 (Maximum fenestration U-factor and SHGC), Section R403.1 (Controls), the mandatory sections of Sections R403.3 through R403.9, Section R404 (Electrical Power and Lighting Systems), and either 1., 2., or 3. as follows: 1. Sections R402.2 through R402.3, Section R403.3.1 (Insulation), Section R404.1 (Lightning equipment), and Table R402.6 (Log Home Prescriptive Thermal Envelope Requirements by Component). 2. Section R405 (Simulated Performance Alternative). 3. REScheck (U.S. Department of Energy Building Codes Program). (7-1-21)T

m. Add the following as Table R402.6:

TABLE R402.6 LOG HOME PRESCRIPTIVE THERMAL ENVELOPE REQUIREMENTS BY COMPONENT									
For SI: 1 foot = 304.8 mm.									
Climate Zone	Fenestration U-factor ^a	Skylight U-factor	Glazed Fenestration SHGC	Ceiling R-value	Min. Average Log Size In Inches	Floor R-value	Basement Wall R-value ^d	Slab R-value & Depth ^b	Crawl Space Wall R-value ^d
5, 6 - High efficiency equipment path ^c	0.32	0.60	NR	49	5	30	15/19	10, 4 ft.	10/13
5	0.32	0.60	NR	49	8	30	10/13	10, 2 ft.	10/13
6	0.30	0.60	NR	49	8	30	15/19	10, 4 ft.	10/13

^aThe fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.

^bR-5 shall be added to the required slab edge R-values for heated slabs.

^c90% AFUE natural gas or propane, 84% AFUE oil, or 15 SEER heat pump heating equipment (zonal electric resistance heating equipment such as electric base board electric resistance heating equipment as the sole source for heating is considered compliant with the high efficiency equipment path).

^d“15/19” means R-15 continuous insulated sheathing on the interior or exterior of the home or R-19 cavity insulation at the interior of the basement wall. “15/19” shall be permitted to be met with R-13 cavity insulation on the interior of the basement wall plus R-5 continuous insulated sheathing on the interior or exterior of the home. “10/13” means R-10 continuous insulated sheathing on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement wall.

(7-1-21)T

n. Delete Section R403.3.1 and replace with the following: R403.3.1 Duct insulation requirements. Supply and return ducts located in an attic space shall have an R-value of not less than R-8. (7-1-21)T

o. Delete Sections R403.3.6 and R403.3.7. (7-1-21)T

p. Delete Section R403.5.3 and replace with the following: R403.5.3 Hot water pipe insulation (Prescriptive). Insulation for hot water piping with a thermal resistance, R-value, of not less than R-3 shall be applied to the following: 1. Piping serving more than one (1) dwelling unit. 2. Piping located outside the conditioned space. 3. Piping located under a floor slab. 4. Buried piping. 5. Supply and return piping in recirculation systems other than demand recirculation systems. (7-1-21)T

q. Delete Section R404.1 and replace with the following: R404.1 Lighting equipment (Mandatory). A minimum of seventy-five percent (75%) of the lamps in permanently installed lighting fixtures shall be high-efficacy lamps or a minimum of seventy-five percent (75%) of the permanently installed lighting fixtures shall contain only high efficacy lamps. (7-1-21)T

r. Delete Section R406.3 and replace with the following: R406.3 Energy Rating Index. The Energy Rating Index (ERI) shall be determined in accordance with RESNET/ICC 301. Energy used to recharge or refuel a vehicle used for transportation on roads that are not on the building site shall not be included in the ERI reference design or the rated design. (7-1-21)T

s. Delete Table R406.4 and replace with the following:

Table R406.4 - Maximum Energy Rating Index

Climate Zone	Energy Rating Index ^a
5	68
6	68

^a Where on-site renewable energy is included for compliance using the ERI analysis of Section R406.4, the building shall meet the mandatory requirements of Section R406.2, and the building thermal envelope shall be greater than or equal to the levels of efficiency and SHGC in Table R402.1.2 or Table R402.1.4 of the 2015 International Energy Conservation Code. (7-1-21)T

05. References to Other Codes. Where any provisions of the codes that are adopted in this Section make reference to other construction and safety-related model codes or standards which have not been adopted by the involved authority having jurisdiction, to the extent possible, such reference should be construed as pertaining to the equivalent code or standard that has been duly adopted by such jurisdiction. (7-1-21)T

005. -- 025. (RESERVED)

026. DEFINITIONS.

The terms defined in this section have the following meaning for all parts of this chapter, unless the context clearly indicates another meaning: (7-1-21)T

01. Listed. Equipment or other building components included within a current list published by a recognized listing agency that maintains periodic inspection on current production of listed equipment or other building components and whose listing states either that the equipment or component complies with recognized standards or has been tested and determined to be suitable for the use intended. (7-1-21)T

02. Listing Agency. A person, firm, association, partnership or corporation which is in the business of listing or labeling and which maintains a periodic inspection program on current production of listed materials, and which makes available, not less frequently than annually, a published report of such listing in which specific

information is included that the product has been tested to nationally approved standards and found safe for use in a specified manner. (7-1-21)T

03. Minor Alteration. The following definition is used for the purpose of administering annual permits. (7-1-21)T

a. Minor alterations shall include, but are not limited to, the following: partition walls constructed within a defined room; relocation of or existing openings or installation of new doors and windows in non-load bearing walls and not in construction meant to compartmentalize fire; window replacement in unaltered existing openings; roof repairs involving installation of less than one hundred (100) square feet of new roof covering; and new suspended ceilings that are not part of a required fire resistive assembly. (7-1-21)T

b. Minor alterations shall not include: work that alters the fire resistive characteristics of the building or fire suppression systems; work that creates new openings in construction meant to compartmentalize fire such as fire walls, fire barriers, fire partitions, smoke barriers, smoke partitions, horizontal assemblies, shaft enclosures, stair enclosures; work that increases the floor area or height of the building; work that changes the structural load path of the building for gravity or horizontal loads; work that reduces the thermal resistant capacity of the building envelop; changes in the occupancy classification of the building or space; increases in the floor loads. (7-1-21)T

027. PERMITS.

01. Building Permits. Building permits shall be obtained from the Division prior to the construction of structures governed by the act or rules promulgated by the Board. (7-1-21)T

02. Annual Permit. In lieu of an individual permit for each minor alteration to an already approved building, the Division may issue an annual permit upon application therefor to any state agency or state governmental organization regularly employing one (1) or more qualified trade persons in the building, structure or on the premises or campus owned or operated by the applicant for the permit. The agency to whom an annual permit is issued shall keep a detailed record of alterations made under such annual permit. The Division shall be allowed access to such records at all times or such records shall be filed with the Division as designated. The permit holder shall request inspections and make the work accessible for inspection as required by the adopted codes and this rule. (7-1-21)T

028. PLAN REVIEW.

01. Jurisdiction. The Division shall have exclusive jurisdiction and authority to conduct plan reviews of the construction, additions, repairs, and occupancy of all state buildings of any agency of government at the state level for any purposes or occupancy regardless of the source of funding for such construction, addition, repair, or occupancy. (7-1-21)T

02. Plans Specifications. Construction documents shall be dimensioned and drawn upon suitable material. Plans may be submitted electronically or in digital format as approved by the Division. Drawing format shall be equivalent to the paper format. Construction documents shall be of sufficient clarity to indicate the location, nature, and extent of the work proposed and show in detail that the installations will conform to the provisions of the building code and applicable laws, rules, and policies of the Division. (7-1-21)T

03. Plans Not Required. Plans are not required for group U occupancies of Type V conventional light-frame wood construction. (7-1-21)T

04. Addenda and Change Orders. Documents enforcing changes or modifications. Addenda, contract change orders, changes-in-work requests, and other similar written documents enforcing changes or modifications to plans or specifications, already approved by the Division, which addenda, change orders, or change-in-work requests deal with structural or fire resistance changes, or such other changes affecting code conformance, shall be submitted to the Division for approval. The use of the terms “addenda,” “change orders,” and “changes-in-work requests” are not be limited exclusively to such phraseology, but may include such other language used in the professions which essentially have the same meaning. (7-1-21)T

029. FEES.

01. **Technical Service Fee.** One hundred dollars (\$100) per hour. (7-1-21)T

02. **Building Permit Fees.** The determination of value or valuation will be made by the administrator and includes the total value of all construction work for which a permit is issued.

TABLE 1-A - BUILDING PERMIT FEES	
Total Valuation	Fee
\$1 to \$500	= \$23.50
\$501 to \$2,000	= \$23.50 for the first \$500 plus \$3.05 for each additional \$100, or fraction thereof, to and including \$2,000
\$2,001 to \$25,000	= \$69.25 for the first \$2,000 plus \$14 for each additional \$1,000, or fraction thereof, to and including \$25,000
\$25,001 to \$50,000	= \$391.75 for the first \$25,000 plus \$10.10 for each additional \$1,000, or fraction thereof, to and including \$50,000
\$50,001 to \$100,000	= \$643.75 for the first \$50,000 plus \$7 for each additional \$1,000, or fraction thereof, to and including \$100,000
\$100,001 to \$500,000	= \$993.75 for the first \$100,000 plus \$5.60 for each additional \$1,000, or fraction thereof, to and including \$500,000
\$500,001 to \$1,000,000	= \$3,233.75 for the first \$500,000 plus \$4.75 for each additional \$1,000, or fraction thereof, to and including \$1,000,000
\$1,000,001 to \$5,000,000	= \$5,608.75 for the first \$1,000,000 plus \$3.65 for each additional \$1,000, or fraction thereof, to and including \$5,000,000
\$5,000,001 to \$10,000,000	= \$20,208.75 for the first \$5,000,000 plus \$2.75 for each additional \$1,000, or fraction thereof, to and including \$10,000,000
\$10,000,001 and up	= \$33,958.75 for the first \$10,000,000 plus \$2 for each additional \$1,000, or fraction thereof

(7-1-21)T

03. **Fees for Annual Permits.** A fee for inspections performed on annual permits shall be charged at the rate of one hundred dollars (\$100) per hour. The Division shall bill the applicant for annual permits and failure of the applicant to pay the fee within sixty (60) days may result in cancellation of the annual permit. (7-1-21)T

04. **Plan Review Fees.** Plan review fees shall be charged at an hourly rate of one hundred dollars (\$100) per hour up to a maximum of sixty-five percent (65%) of the calculated building permit fee with a minimum required fee of forty percent (40%) of the calculated building permit fee. All requests for plan review services shall at such time be accompanied by a payment in the amount of at least forty percent (40%) of the calculated building permit fee. Upon completion of the plan review, any additional fees, above the minimum required, are due to the Division by the requesting party. (7-1-21)T

05. **Refund of Plan Review Fees.** Plan review fees are non-refundable. (7-1-21)T

030. RIGHT OF ENTRY.

Whenever necessary to make an inspection to enforce any of the provisions of Title 39, Chapters 40 and 41, Idaho Code, or whenever the administrator or his authorized representative has reasonable cause to believe that there exists in any building or upon any premises, any condition which makes such building or premises unsafe, the administrator or his authorized representative shall enter such building or premises at all reasonable times to inspect the same or to perform any duty imposed upon the Division by Title 39, Chapters 40 and 41, Idaho Code; provided that if such

building or premises is occupied, he shall first present proper credentials and demand entry; and if such building or premises be unoccupied, he shall first make a reasonable effort to locate the owner or other persons having charge or control of the building or premises and demand entry. If such entry is refused, the administrator shall have recourse to every remedy provided by law to secure entry. (7-1-21)T

031. WORK PROCEEDING WITHOUT PERMIT OR APPROVAL.

Where any work for which a permit or approval, to include plan or system approval, is required by these rules, or by the codes enumerated in Title 39, Chapter 41, Idaho Code, is started or proceeded prior to obtaining said approval or permit, and after notice to such person doing or causing such work to be done, and such person continues or causes to continue such work, the fees specified in these rules shall be doubled, but the payment of such double fee shall not relieve any persons from fully complying with the requirements of Title 39, Chapter 41, Idaho Code, or these rules in the execution of the work nor from any other penalties prescribed by law. (7-1-21)T

032. STOP WORK ORDERS.

Whenever any work is being done contrary to any provisions of the codes enumerated in Title 39, Chapter 41, Idaho Code, or contrary to these rules, the administrator or his authorized representative may order the work stopped by notice in writing to any persons engaged in such work, and any such persons shall forthwith stop such work until authorized by the administrator or his representative to proceed with the work. Stop work orders shall be accompanied by a notice of violation that states the specific violation and code reference. (7-1-21)T

033. -- 037. (RESERVED)

038. INTEGRATED DESIGN AND FUNDAMENTAL COMMISSIONING OF PUBLIC SCHOOL FACILITIES.

01. Definitions. The following definitions are intended to supplement, and should be read in conjunction with the definitions contained in Section 33-356, Idaho Code. (7-1-21)T

a. Fundamental Commissioning. A quality-focused process for enhancing the delivery of a project. It makes use of a qualified third party employed directly by the building owner. (7-1-21)T

b. Integrated Design. Integrated design refers to a collaborative design effort in which each of the individual architectural or engineering professionals focuses on the whole building approach, with an emphasis on optimizing the building's performance, environmental sustainability, and cost-savings, to include climate, use, loads and systems resulting in a more comfortable and productive environment, and a building that is more energy-efficient than would be realized using current best practices. (7-1-21)T

02. Technical and Educational Information. Technical and educational information related to integrated design and fundamental commissioning in the form of the American Institute of Architects Integrated Project Delivery Guide; Portland Energy Conservation, Inc. (PECI) Commissioning Guides; ASHRAE Guideline 0-2005-The Commissioning Process; and the Northwest Energy Efficiency Alliance Integrated Design Special Focus on Energy Performance Guide is available at the Division office locations including 1090 E. Watertower St., Meridian, Idaho 83642, and 1250 Ironwood Dr., Ste. 220, Coeur d'Alene, Idaho 83814. A building commissioned under the prescriptive approaches defined by any of the above-named national organizations is deemed to have completed the Fundamental Commissioning process. (7-1-21)T

03. Commissioning Agents. The Division has compiled and made available for public examination a list of all known third party building commissioning agents in Idaho and its contiguous states. The Division has ensured that all such commissioning agents appearing on this list have been certified by the Building Commissioning Association (BCA) or other similar certifying entity. (7-1-21)T

04. Annual Optimization Review. (7-1-21)T

a. A public school building that qualifies for the school building replacement value calculation pursuant to Section 33-356(5)(a), Idaho Code, shall undergo an annual optimization review each year following the first year of operations that the involved school district seeks to qualify such building for the building replacement value calculation. (7-1-21)T

b. The systems within a building required to undergo annual optimization review, as well as any relevant measuring criteria for such systems, shall be formulated by the third party commissioning agent that performs the initial fundamental commissioning. The school district shall be provided with a written report from the commissioning agent identifying the systems which will be subject to the annual optimization review along with any other requirements. (7-1-21)T

c. The report required above in Paragraph 038.04.b. of these rules shall include, but is not limited to, at least the following: (7-1-21)T

i. Verification that the heating, ventilation, and air conditioning (HVAC) controls, dampers, valves, sensors and other equipment used to control the system are functioning as they were at the commissioning of the building. (7-1-21)T

ii. Verification that the lighting controls are functioning as they were at the commissioning of the building. (7-1-21)T

iii. The requirement that any changes made to any of the controls contained on the agent’s list after the initial commissioning be re-set back to the commissioned settings unless it can be demonstrated that the new settings result in greater energy efficiency. (7-1-21)T

d. The annual optimization review shall be performed by persons qualified to make the required determinations and adjustments. (7-1-21)T

e. The school district shall submit to the Division written verification indicating that the systems identified by the commissioning agent, including those identified in this Section are functioning as they were at the initial commissioning. Such written verification shall also identify the persons performing the optimization and their qualifications. (7-1-21)T

05. Commissioning Anniversary Date. The date upon which the commissioning agent provides the school district with the required written report described in Paragraph 038.04.b. of these rules shall be the commissioning anniversary date for purposes of this Section. If a school district seeks to qualify a building for the building replacement value calculation, the annual optimization review shall be performed within thirty (30) days of the annual commissioning anniversary date following the first year the building is in operation. The written verification required by Paragraph 038.03.e. of these rules is due to the Division not later than sixty (60) days after the annual commissioning anniversary date. (7-1-21)T

06. Fundamental Building Commissioning Requirements. (7-1-21)T

a. School districts seeking to qualify a building for the building replacement value calculation shall engage a building commissioning agent. (7-1-21)T

b. The commissioning agent must document the owner’s requirements for each commissioned system in the facility. All HVAC and controls systems, duct work and piping, renewable and alternative technologies, lighting controls and day lighting, waste heat recovery, and any other advanced technologies incorporated in the building must be commissioned. Building envelope systems must also be verified. The owner’s requirements for these systems may include efficiency targets and other performance criteria such as temperature and lighting levels that will define the performance criteria for the functional performance testing that occurs prior to acceptance. (7-1-21)T

c. The commissioning agent shall include commissioning requirements in the project construction documents. This includes the scope of commissioning for the project, the systems to be commissioned, and the various requirements related to schedule, submittal reviews, testing, training, O & M manuals, and warranty reviews. (7-1-21)T

d. The commissioning agent shall develop and utilize a commissioning plan. This plan must include an overview of the commissioning process for the project, a list of commissioned systems, primary commissioning

participants and their roles, a communication and management plan, an outline of the scope of commissioning tasks, a list of work products, a schedule, and a description of any commissioning testing activities. (7-1-21)T

e. The commissioning agent must submit a report to the owner once the commissioning plan has been executed. (7-1-21)T

039. -- 999. (RESERVED)

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