CAYMAN ISLANDS

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THE DEVELOPMENT AND PLANNING LAW
(2015 REVISION)

THE BUILDING CODE (AMENDMENT) REGULATIONS, 2016

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ARRANGEMENT OF REGULATIONS

CAYMAN ISLANDS

THE DEVELOPMENT AND PLANNING LAW
(2015 REVISION)

THE BUILDING CODE (AMENDMENT) REGULATIONS, 2016

In exercise of the powers conferred by section 42 of the Development and Planning Law (2015 Revision), the Cabinet makes the following Regulations -

Citation and commencement

1. These Regulations may be cited as the Building Code (Amendment) Regulations, 2016 and shall come into force on 30th December, 2016.

Repeal and substitution of regulation 2 of the Building Code Regulations (2013 Revision) - definitions

2. The Building Code Regulations (2013 Revision), in these Regulations referred to as the "principal Regulations", are amended by repealing regulation 2 and substituting the following regulation -

"Definitions 2. In these regulations -

"adopted Code" means a Code that applies in the Cayman Islands by virtue of regulation 3(a) to (h); and

"Building Official" means the Director of Planning and anyone to whom the Director has delegated all or any part of the Director's authority under these Regulations.".

Amendment of regulation 3 -application of Standard Building Code and other related Codes

3. The principal Regulations are amended in regulation 3 as follows -

(a) in the marginal note, by deleting the words "Standard Building Code and other related Codes" and substituting the words "ICC Codes to Cayman Islands";
(b) in the introductory words before paragraph (a) –
    (i) by deleting the words "the Schedule" and substituting the words "Schedules 1 to 7"; and
    (ii) by deleting the words "Southern Building Code Congress International Inc. of Birmingham in the State of Alabama"

and substituting the words "International Code Council (ICC),";

(c) in paragraph (a) by deleting the words "1999 Edition of the Standard Building Code, as adopted by the Southern Building Code Congress International of Birmingham in the State of Alabama in the United States of America (hereinafter called the Standard Building Code)" and substituting the words "2009 International Building Code and the 2009 International Residential Code (hereinafter referred to as the Cayman Islands Building Code and the Cayman Islands Residential Code)";

(d) in paragraph (b) -

(i) by deleting the words "1997 Edition of the Standard Plumbing Code, as adopted by the Southern Building Code Congress International of Birmingham in the State of Alabama in the United States of America (hereinafter in this Code referred to as the Standard Plumbing Code)" and substituting the words "2009 International Plumbing Code (to be known as the Cayman Islands Plumbing Code)"; and

(ii) by inserting after the word "appurtenances" the words ", except where covered in the Cayman Islands Residential Code";

(e) in paragraph (c) -

(i) by deleting the words "1999 Edition of the Standard Mechanical Code, as adopted by the Southern Building Code Congress International of Birmingham in the State of Alabama in the United States of America (hereinafter in this Code referred to as the Standard Mechanical Code)" and substituting the words "2009 International Mechanical Code (to be known as the Cayman Islands Mechanical Code)";

(ii) by deleting the words "energy related" and substituting the word "mechanical"; and

(iii) by deleting the word "and" at the end of the paragraph;

(f) in paragraph (d) -

(i) by deleting the words "1999 Edition of the Standard Gas Code, as adopted by the Southern Building Code Congress International of Birmingham in the State of Alabama in the United States of America (hereinafter in this Code referred to as the Standard Gas Code)" and substituting the words "2009 International Fuel and Gas Code (to be known as the Cayman Islands Fuel and Gas Code)"; and

(ii) by deleting the full stop and substituting a semi-colon; and

(g) by inserting after paragraph (d) the following paragraphs -

"(e) the ICC-600 2008 relating to standards for Residential Construction in High-Wind Regions, specifically prescriptive methods to provide wind resistant designs and construction details for residential buildings sited in high wind regions, with wind climates of 100 to 150 mph., being a supplement to the Cayman Islands Residential Code;

(f) the NFPA 70 National Electrical Code (NEC) 2014 ed. as amended, in relation to safe electrical design, installation, and inspection to protect people and property from electrical hazards;

(g) the following American Society of Mechanical Engineers Safety Codes, as amended -

(i) Safety Code for Elevators and. Escalators ASME A17.1/CSA B44- 2007, including Table 3001.7 as amended by Schedule 7;

(ii) Safety Code for Existing Elevators and Escalators (Includes Requirements for Electric and Hydraulic Elevators and Escalators) ASME A17.3-2008; and

(iii) Safety Standard for Platform Lifts and Stairway Chairlifts ASME A18.1.- 2005; and

(h) the 2009 International Fire Code, in relation to the protection of life and property from the hazards of fire, explosion or dangerous conditions in new and existing buildings, structures and premises.".

Insertion of new regulation 3A - application of Cayman Islands Building Code and Residential Code

4. The principal Regulations are amended by inserting after regulation 3 the following regulation -

"Application of Cayman Islands Building Code and Residential Code

3A (1) The Cayman Islands Building Code applies to all buildings and structures in areas where it is adopted except those covered by the Cayman Islands Residential Code.

(2) Those buildings and structures not covered in the Cayman Islands Building Code shall be regulated by the Cayman Islands Residential Code.".

Repeal and substitution of regulation 5(1) - regulations not to apply to certain buildings

5. The principal Regulations are amended in regulation 5 by repealing the marginal note and paragraph (1) and substituting the following -

"Standards for single family residences

5. (1) All single family residences shall be constructed to meet the structural requirements of the ICC-600 (2008) Standards for Residential Construction in High-Wind Regions.".

Repeal and substitution of regulations 6 to 9 - the Register, etc.

6. The principal Regulations are amended by repealing regulations 6 to 9 and substituting the following regulation -

"Amendments to adopted Codes

6. An amendment by the International Code Council, the National Fire Protection Association or the American Society of Mechanical Engineers to any of the adopted Codes shall take effect on publication in the Gazette.".

Amendment of regulation 12 - stop notices

7. The principal Regulations are amended in regulation 12 -

(a) by deleting the word "Authority" wherever it appears and substituting the words "Building Official"; and

(b) in paragraph (1) -

(i) by inserting after the word "building" the words "or structure"; and

(ii) by inserting before the word "apply" the words "or adopted Codes".

Repeal and substitution of regulation 13 - offending works

8. The principal Regulations are amended by repealing regulation 13 and substituting the following regulation -

"Work done in contravention of Regulations or Codes

13. (1) If any work to which the Regulations or adopted Codes apply is carried out in a dangerous or unsafe manner or in contravention of the Regulations or an adopted Code, the Building Official may, without prejudice to any right the Official may have to take proceedings under any other regulation, by notice, require the owner of the building or structure, in respect of which the work is being carried out, to do one or more of the following -

(a) immediately cease such work;

(b) restrain or remove any non-compliant work or unsafe conditions;

(c) affect such remediation or alterations as are necessary to comply with the adopted Code and Regulations;

(d) if life, health and or safety risks cannot be abated through the implementation of conditions (a) to (c), pull down or remove the non-compliant work;

(e) recover from the person who commissioned or carried out the work the expenses incurred in implementing any of conditions (b) to (d).

(2) Subject to paragraph (3), a person who fails to comply

with a notice served under paragraph (1) and any person who continues any work on the building to which the notice relates or on its mechanical, plumbing or building services system in contravention of such notice commits an offence and is liable on summary conviction to a fine of $5,000 or imprisonment for 6 months, or to both.

(3) A person does not commit an offence under paragraph (2) by performing work as directed by the Building Official or the owner of the building or structure to remove non-compliant work or unsafe conditions.

(4) If an offence by a person referred to in paragraph (2) continues for more than seven days, the Building Official may issue a second notice under paragraph (1) and any person who fails to comply with that notice or who continues work in contravention of it as described in paragraph (2), commits an offence and is liable to a fine of $5,000 or imprisonment for 6 months, or to both.

Insertion of new regulations 13A to 13C - proceedings to correct or abate contravening work, etc.

9. The principal Regulations are amended by inserting after regulation 13 the following regulations -

Proceedings to correct or abate contravening work

13A. (1) If a person served with a notice under regulation 13(4) fails to comply with it promptly, the Building Official shall cause legal proceedings to be instituted -

(a) to restrain, correct or abate any contravention of the Regulations or adopted Codes; or

(b) to require the removal or termination of the unlawful occupancy of the building or structure to which the notice relates.

(2) The Summary Court may, on application by the Building Official under this regulation -

(a) authorise the Department of Planning -

(i) to restrain, correct or abate any contravention of the Regulations or adopted Codes by removal of the non-compliant work or unsafe condition; or

(ii) to remove or terminate the unlawful

occupancy of the building or structure in contravention of this regulation; and

(b) order the recovery of expenses reasonably incurred under paragraph (2)(a) from the owner of the building or structure or the person who carried out the work.

Penalty for contravention of the Regulations or an adopted Code

13B. Any person who erects, constructs, alters, repairs, removes, demolishes or utilizes a mechanical system, or causes the same to be done, in contravention of these Regulations or an adopted Code commits an offence and is liable on summary conviction to a fine of $5,000 or imprisonment for 6 months, or to both.

Proceedings by the Attorney-General

13C. The commencement of a prosecution under regulation 13 or 13B does not preclude the Attorney General from instituting legal proceedings -

(a) to prevent unlawful construction or to restrain, correct or abate a contravention of the Regulations or an adopted Code;

(b) to prevent illegal occupancy of a building, structure or premises; or

(c) to stop an illegal act, conduct, business or utilization of any mechanical, plumbing, electrical or building system in, on or about any premises.".

Amendment of regulation 14 - right of entry

10. The principal Regulations are amended in regulation 14 by deleting the word "Authority" wherever it appears and substituting the words "Building Official".

Insertion of new regulation 14A - identification

11. The principal Regulations are amended by inserting after regulation 14 the following regulation -

"Identification

14A. The Building Official shall carry proper identification when inspecting buildings, structures or premises in the performance of the Official's duties under these regulations and produce it when requested to do so by the owner or occupier of the building, structure or premises.".

Repeal and substitution of regulation15 - immunity

12. The principal Regulations are amended by repealing regulation 15 and substituting the following regulation -

"Immunity

15. Neither the Governor, nor the Building Official, nor any person charged with the enforcement of these Regulations or the adopted Codes is liable in damages for anything done or omitted to be done in the discharge of their respective functions and duties required by law, while acting in good faith and without malice.".

Repeal and substitution of Schedule

13. The principal Regulations are amended by repealing the Schedule and substituting for that Schedule Schedules 1 to 7 of this Law.

SCHEDULE 1

(Regulation 3)

AMENDMENTS TO THE *2009 INTERNATIONAL BUILDING CODE*

Part 1 - Amendments

Provision of the *2009 International Building Code* affected	**Exception, adaptation or modification**
Chapter 1	
Amend Section 101.1 *Title*	Delete the words "*International Building Code* of [NAME OF JURISDICTION]" and substitute the words "*Cayman Islands Building Code*,".
Amend Section 101.2 *Scope*	In the *Exception*, delete the word "International" and substitute the words "*Cayman Islands*".
Amend Section 101.4 *Referenced Codes*	Delete the words "through 101.4.6 and referenced elsewhere" and substitute the words "and 101.4.2 are for reference only and not adopted in the Cayman Islands. Other codes referenced".
Delete Section 101.4.1 *Gas*	
Delete Section 101.4.2 *Mechanical*	
Delete Section 101.4.3 *Plumbing*	
Delete Section 101.4.4 *Property Maintenance*	
Renumber Section101.4.5 *Fire Prevention*	Renumber as section 101.4.1**.**

Renumber Section 101.4.6 *Energy*	Renumber as section 101.4.2.
Insert Section 101.5 *Adopted Codes*	"**101.5 Adopted Codes**. The other codes listed in Sections 101.5.1 through 101.5.4 and referenced elsewhere in this Code shall be considered part of the requirements of this Code to the prescribed extent of each such reference."
Insert Section 101.5.1 *Gas*	**"101.5.1 Gas.** The *International Fuel and Gas Code* shall mean the *Cayman Islands Fuel and Gas Code* as amended and shall apply to the installation of gas piping from the point of delivery, gas appliances and related accessories as covered in this Code. These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances and the installation and operation of residential and commercial gas appliances and related accessories."
Insert Section 101.5.2 *Mechanical*	"**101.5.2 Mechanical.** The *International Mechanical Code* shall mean the *Cayman Islands Mechanical Code* as amended and 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 other mechanical systems."
Insert Section 101.5.3 *Plumbing*	"**101.5.3 Plumbing.** The *International Plumbing Code* shall mean the *Cayman Islands Plumbing Code* as amended shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system."
Insert Section 101.5.4 *Residential*	"**101.5.4 Residential.** Any reference to the *International Residential Code* shall mean the *Cayman Islands Residential Code* as amended. When uses are permitted to be constructed in accordance with the International Residential Code, such uses must comply with the provisions of the *Cayman Islands Residential C*ode for that specific occupancy before exercising the option of using the *International Residential Code*."
Insert Section 101.5.5 *Electrical*	"**101.5.5 Electrical**. Any reference to NFPA 70 or Appendix K shall mean the *National Electrical Code* as amended and adopted."
Insert Section 101.5.6 *Elevator Code*	"**101.5.6 Elevator Code**. While the *Elevator Code* is the adopted standard, amendments based on extracts from the ASME A17.1, ASME A17.3, ASME A18.1, and Chapter 30 of the *International Building Code* shall also be referenced."
Amend Section 102.2 *Other laws*	Delete the words "local, state or federal law" and substitute the words "Cayman Islands laws and regulations".

Insert Section 102.4.1 *Amendments*	"**102.4.1 Amendments.** Whenever amendments have been adopted for a referenced code or standard, each reference to said code or standard shall be considered to reference the amendments as well."
Amend Section 102.6 *Existing Structures*	Delete the words "*International Property Maintenance Code*" and substitute the words "*Cayman Islands Building Code"*.
Replace Section 103.1 *Creation of enforcement agency*	Delete section 103.1 and substitute the following section - "**103.1 Creation of enforcement agency.** Any reference to the "Department of Building Safety" shall mean the Department of Planning, which shall have primary responsibility for enforcement of this Code, as specified under the duties and powers of the Building Official. This code may be enforced by other code enforcement divisions in the Cayman Islands but authority shall be retained by the Director of Planning."
Amend Section 103.2 *Appointment*	Delete the words "chief appointing authority of the jurisdiction" and substitute the words "Building Official presiding over the authority having jurisdiction.".
Amend Section 103.3 *Deputies*	Delete the words "For the maintenance of existing properties, see the *International Property Maintenance Code*.".
Insert Section 104.1.1 *Other interpretations*	"**104.1.1 Other interpretations.** Any provision or local amendment marked in this Code as [F] shall be under the primary interpretation authority having jurisdiction. Any provision marked in the *Fire Code* or local amendment as [B], [FG], [M] or [P] shall be under the primary interpretation authority of the Building Official."
Amend Section 104.7 *Department Records*	Delete the words "Building Official" and substitute the words "Department of Planning".
Insert Section 104.12 *Cooperation of other officials and officers*	"**104.12 Cooperation of other officials and officers.** The Building Official may request, and shall receive, the assistance and cooperation of other officials of the jurisdiction so far as is required in the discharge of the duties required by this Code or other pertinent law."
Delete Section 105.1.1 *Annual Permit*	
Delete Section 105.1.2 *Annual Permit Records*	
Amend Section 105.2 *Work exempt from permits*	Insert the following after the word "receptacles" (under the heading *Electrical*) - "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 ordinary 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.".
Amend Section 105.3.2 *Time limitation of Application*	Insert the following sentence after the word "demonstrated" - "The Building Official may also grant an extension of time, for a period of 180 days, in any case where the extension is necessary due to the occurrence of a national disaster."
Amend Section 105.5 *Expiration*	Insert the following sentence after the word "demonstrated" - "The Building Official may also grant an extension of time, for a period of 180 days, in any case where the extension is necessary due to the occurrence of a national disaster."
Amend Section 105.7 *Placement of Permit*	Delete the words "or copy".
Insert Section 105.7.1 *Responsibility*	"**105.7.1 Responsibility.** It shall be the duty of every person who performs work for the installation or repair of building, structure, electrical, gas, mechanical or plumbing systems, to which this Code is applicable, to comply with this Code."
Amend Section 107.1 *General*	Delete the words "where required by the statutes of the jurisdiction in which the project is to be constructed" and substitute the words "in accordance with the requirements of this Code and the *Cayman Islands Residential Code* and where required by the laws and regulations governing the Cayman Islands or as required by the Building Official.".
Amend Section 107.2.1 *Information on Construction Documents*	Insert the words "drawn to scale," immediately before the word "dimensioned".
Replace Section 107.2.2 *Fire protection system shop drawings*	Delete section 107.2.2 and substitute the following - "**107.2.2 Fire protection system shop drawings.** Shop drawings, calculations and manufacturers' specifications for the fire protection system(s) shall be submitted to the authority having jurisdiction, to indicate conformity with this Code and the construction documents and shall be approved by that authority prior to the start of system installation. Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9. All fire alarm and fire

	sprinkler systems shall require the engineer or contractor on record to submit to the authority having jurisdiction the form 'letter of acceptance' upon completion and installation of such systems."
Insert Section 107.2.6 *Manufacturer's installation instructions*	"**107.2.6 Manufacturers' installation instructions**. Manufacturers' installation instructions, as required by this Code, shall be available on the job site at the time of inspection."
Delete Section 107.3.2 *Previous Approvals*	
Amend Section 109.1 *Payment of Fees*	Insert before the full stop the words ", in accordance with the Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision) Fee Schedules".
Amend Section 109.2 *Schedule of Permit Fees*	Delete the words "applicable governing authority" and substitute the words "Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision) Fee Schedules".
Delete Section 109.3 *Building Permit Valuations*	
Amend Section 109.4 *Work commencing before permit issuance*	Delete the words "shall be subject to a fee established by the Building Official that shall be in addition to the required permit fees" and substitute the words "commits an offence under the Development and Planning Law (2015 Revision) or the Development and Planning Regulations (2015 Revision) and shall be subject to a fine and or after-the-fact fees as required by law".
Delete Section 109.6 *Refunds*	
Insert Section 109.6 *Administrative Hold*	"**109.6 Administrative Hold.** Any administrative discrepancy including but not limited to, delinquency in payments, returned checks, failure to pay for re-inspection, investigation or registration fees, and failure to keep any registration, insurance or bond up-to-date, may result in a hold being placed on the issuance of permits and performance of inspections of existing permits until the administrative discrepancy is corrected. For the purpose of this section, the term "up-to-date" shall mean that whenever any registration, insurance or bond is required by these or any other regulations in order to obtain a permit under this Code, the registration, insurance or bond shall be maintained current and in effect."

Insert Section 110.1.1 *Permit Card*	"**110.1.1 Permit Card.** Work requiring a permit shall not be commenced until the permit holder or an agent of the permit holder shall have made available the permit card such as to allow the Building Official to conveniently make the required entries thereon regarding inspection of the work. This card shall be maintained available by the permit holder until final approval has been granted by the Building Official."
Delete Section 110.3.7 *Energy Efficiency Inspections*	
Chapter 3	
Insert Section 310.3 *Fire Department Vehicle Access*	"**310.3 Fire Department Vehicle Access.** All RI and R2 occupancies three (3) or more stories in height shall provide open space of at least twenty (20) feet wide along three (3) sides of the Building."
Chapter 5	
Amend Section 503 *General Building Height and Area Limitations*	Amend Table 503 *Allowable Building Heights and Areas* - (a) by deleting the word " UL" under A for TYPE 1, and substituting the number "130"; (b) by deleting the number "160" under B for TYPE 1 and substituting the number "130"; (c) by adding the superscript "e" at the end of the words "TYPE 1"; and (d) by inserting the following footnote after Footnote "d." - "e. No building or buildings shall exceed 130 feet in height or 10 stories.". (See amended Table 503 in Part 2 of this Schedule).
Chapter 9	
Insert Section [F] 901.5.1 *Onsite Water Supply*	"**[F] 901.5.1 On-site Water Supply.** An on-site supply of water equal to the hydraulically calculated sprinkler demand or standpipe whichever is greater shall be provided for a minimum duration of 45 minutes."
Amend Section [F] 903.2.7 *Group M*	Delete item 4 and substitute the following: "4. Group M occupancy exceeding 5,000 square feet (464m2) is used for the display and sale of upholstered furniture or mattresses.".
Amend Section [F] 904.2 *Where required*	Delete the words "fire code official" and substitute the words "Building Official".
Chapter 11	
Insert Section	"**1101.2.1 Type A and Type B units.** Type A and Type B units per

1101.2.1 *Type A and Type B units*	ANSI 117.1 chapter 10 are not adopted."
Replace Section 1107.6 *Group R*	Delete section 1107.6 and substitute the following section - "**1107.6 Group R.** Accessible units, shall be provided in Group R occupancies in accordance with Sections 1107.6.1 and 1107.6.4.".
Replace Section 1107.6.1 *Group R-1*	Delete section1107.6.1 and substitute the following section - "**1107.6.1 Group R-1.** Accessible units shall be provided in Group R-1 occupancies in accordance with Sections 1107.6.1.1.".
Replace Section 1107.6.4 *Group R-4*	Delete section1107.6.1 and substitute the following section - "**1107.6.4 Group R-4.** Accessible units shall be provided in Group R-1 occupancies in accordance with Sections 1107.6.4.1.".
Delete Section 1107.6.1.2 *Type B units*	
Delete Section 1107.6.4.2 *Type B units*	
Delete Section 1107.6.2 *Group R-2*	
Delete Section 1107.6.3 *Group R-3*	
Delete Section 1107.7 *General* exceptions	
Chapter 15	
Replace Section 1507.2.3 *Underlayment*	Delete section 1507.2.3 and substitute the following section - "**1507.2.3 Underlayment.** Underlayment shall be self-adhering polymer-modified bitumen sheet and shall comply with ASTM 1970.".
Replace Section 1507.3.3 *Underlayment*	Delete 1507.2.1 and substitute the following section - **"1507.3.3 Underlayment.** Underlayment shall be self-adhering polymer-modified bitumen sheet and shall comply with ASTM 1970.".
Replace Section 1507.6.3 *Underlayment*	Delete section 1507.6.3 and substitute the following section - **"1507.6.3 Underlayment.** Underlayment shall be self-adhering polymer-modified bitumen sheet and shall comply with ASTM 1970.".
Replace Section 1507.7.3 *Underlayment*	Delete section 1507.7.3 and substitute the following section - **"1507.7.3 Underlayment.** Underlayment shall be self-adhering polymer-modified bitumen sheet and shall comply with ASTM

	1970.".
Replace Section 1508.8.3 *Underlayment*	Delete section 1508.3 and substitute the following section - **"1507.8.3 Underlayment.** Underlayment shall be self-adhering polymer-modified bitumen sheet and shall comply with ASTM 1970.".
Chapter 16	
Delete Section 1608 *Snow Loads*	
Replace Figures in Section 1609 *Basic Wind Speed*	Delete all Basic Wind Speed Figures and substitute Figure 1609 *Basic wind Speed (3 sec gust) Cayman Islands Map* from Part 2 of the Schedule.
Replace Figures in Section 1611.1 *Design rain loads*	Delete all 100 Year, 1 Hour Rainfall figures and substitute Figure 1611.1 *100 year 1 Hour Rainfall (inches) Cayman Islands Map* from Part 2 of the Schedule.
Amend Section 1612.2 *Definition*s	In the definition of "Flood Hazard Area Subject to High Velocity Wave Action" delete the words "Flood Insurance Rate Map (FIRM) or other" and in the definition of "Flood Insurance Rate Map (FIRM)" delete the words "the Federal Emergency Management Agency (FEMA) has" and substitute the word "are".
Delete Section 1612.3 *Establishment of Flood Hazard Areas*	
Delete Section 1613.5 *Seismic ground motion values*	
Chapter 23	
Amend Section 2304.11.6 *Termite Protection*	Delete the words "geographical areas" and substitute the words "the Cayman Islands".
Replace Table 2308.10.2 *Ceiling Joist Spans for Common Lumber Species*	Delete Table 2308.10.2 2 *Ceiling Joist Spans For Common Lumber Species* and substitute Tables 2308.10.2 (1) and (2) *Ceiling Joist Spans for Common Lumber Species* from Part 2 of the Schedule.
Replace Table 2308.10.3 *Rafter Spans for common lumber species*	Delete Table 2308.10.3 *Rafter Spans for Common Lumber Species* and substitute Tables 2308.10.3(1) and (2) *Rafter Spans for Common Lumber Species* from Part 2 of the Schedule.
Chapter 26	

Replace Figure 2603.8 *Termite Infestation Probability Map*	Delete Figure 2603.8 *Termite Infestation Probability Map* and substitute Figure 2603.8 *Cayman Islands Termite Infestation Probability Map* from Part 2 of the Schedule.
Chapter 30	
Insert Section 3001.7 *Periodic inspection frequency*	"**3001.7 Periodic inspection frequency.** All existing elevator installations shall be inspected at intervals as indicated on Table 3001.7."
Chapter 34	
Delete section 3412.2 *Applicability*	
Appendices	
Delete Appendix A *Employee qualifications*	
Delete Appendix B *Board of appeals*	
Delete Appendix D *Fire districts*	
Delete Appendix E *supplementary accessibility requirements*	
Delete Appendix G *Flood resistant construction*	
Delete Appendix J *Grading*	
Delete Appendix K A*dministrative provisions*	

Part 2 – Attachments

TABLE 503
ALLOWABLE BUILDING HEIGHTS AND AREAS[a]
Building height limitations shown in feet above grade plane. Story limitations shown as stories above grade plane.
Building area limitations shown in square feet, as determined by the definition of "Area, building," per story

		TYPE OF CONSTRUCTION								
		TYPE I [e]		TYPE II		TYPE III		TYPE IV	TYPE V	
		A	B	A	B	A	B	HT	A	B
	HEIGHT (FEET)	130	130	65	55	65	55	65	50	40
GROUP	STORIES (S) AREA (A)									

For SI: 1 foot = 304.8 mm, 1 square foot = 0.0929 m2

A = building area per story, S = stories above grade plane, UL = Unlimited, NP = Not permitted.

a. See the following sections for general exceptions to Table 503:

1. Section 504.2, Allowable building height and story increase due to automatic sprinkler system installation.
2. Section 506.2, Allowable building area increase due to street frontage.
3. Section 506.3, Allowable building area increase due to automatic sprinkler system installation.
4. Section 507, Unlimited area buildings.

b. For open parking structures, see Section 406.3.

c. For private garages, see Section 406.1.

d. See Section 415.5 for limitations.

e. No building or buildings shall exceed 130 feet in height nor 10 stories

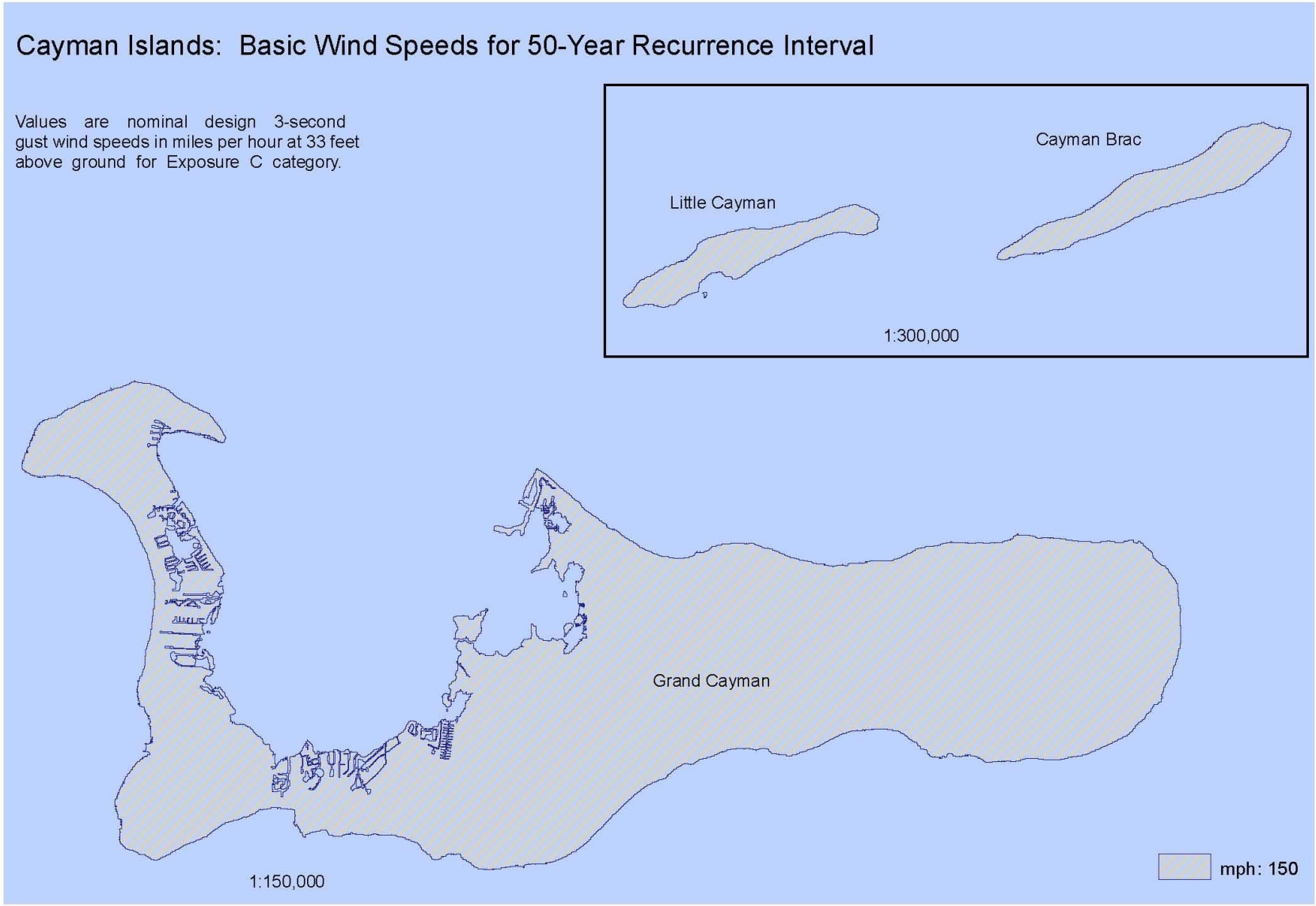
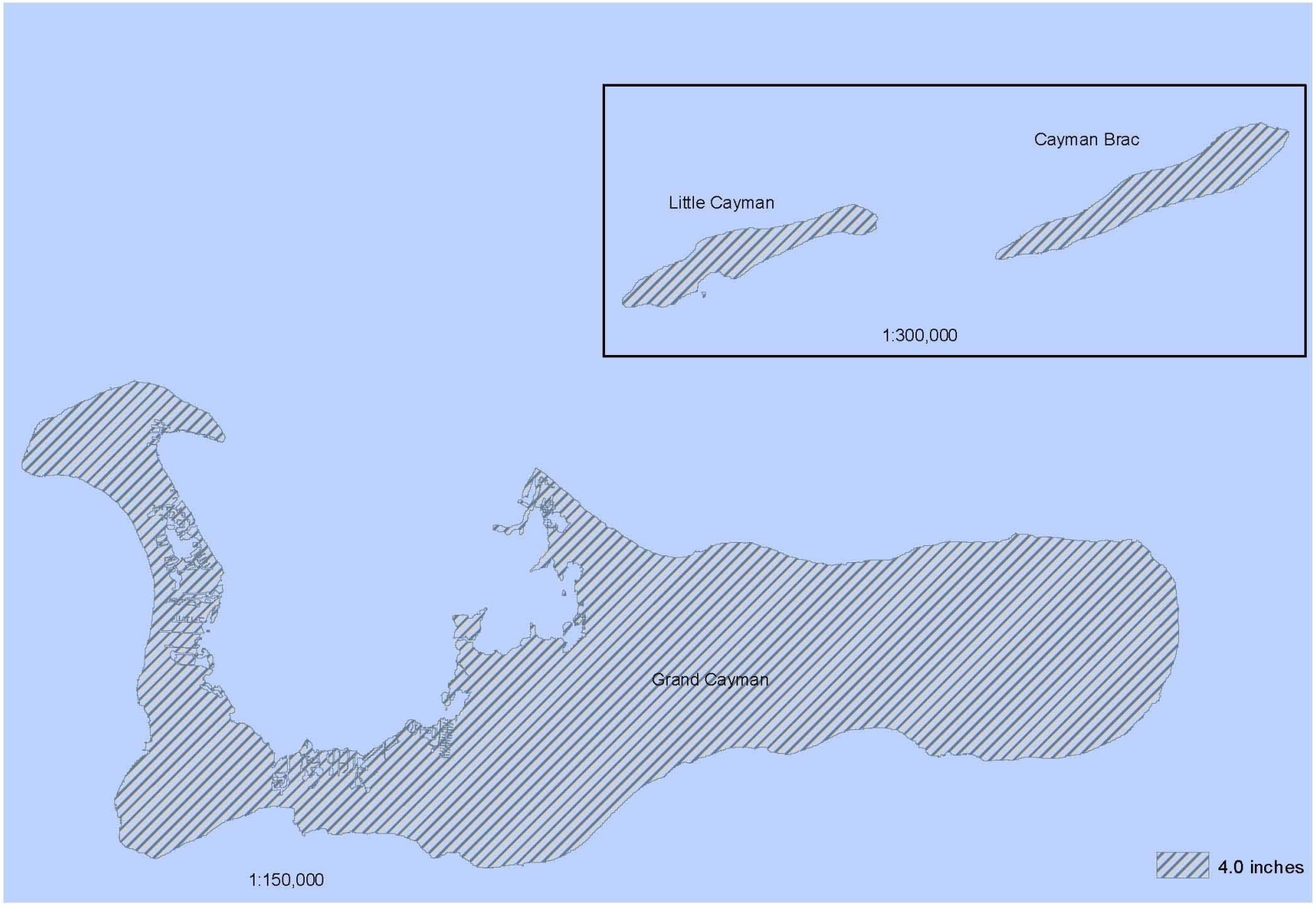


Figure 1609
Basic Wind Speed (3-Second Gust)
2009 International Building Code



For SI: 1 inch = 25.4mm

0 1 2 4 6 8 Miles

Figure 1611.1
100-Year, 1-Hour Rainfall (inches) Cayman Islands
2009 INTERNATIONAL BUILDING CODE

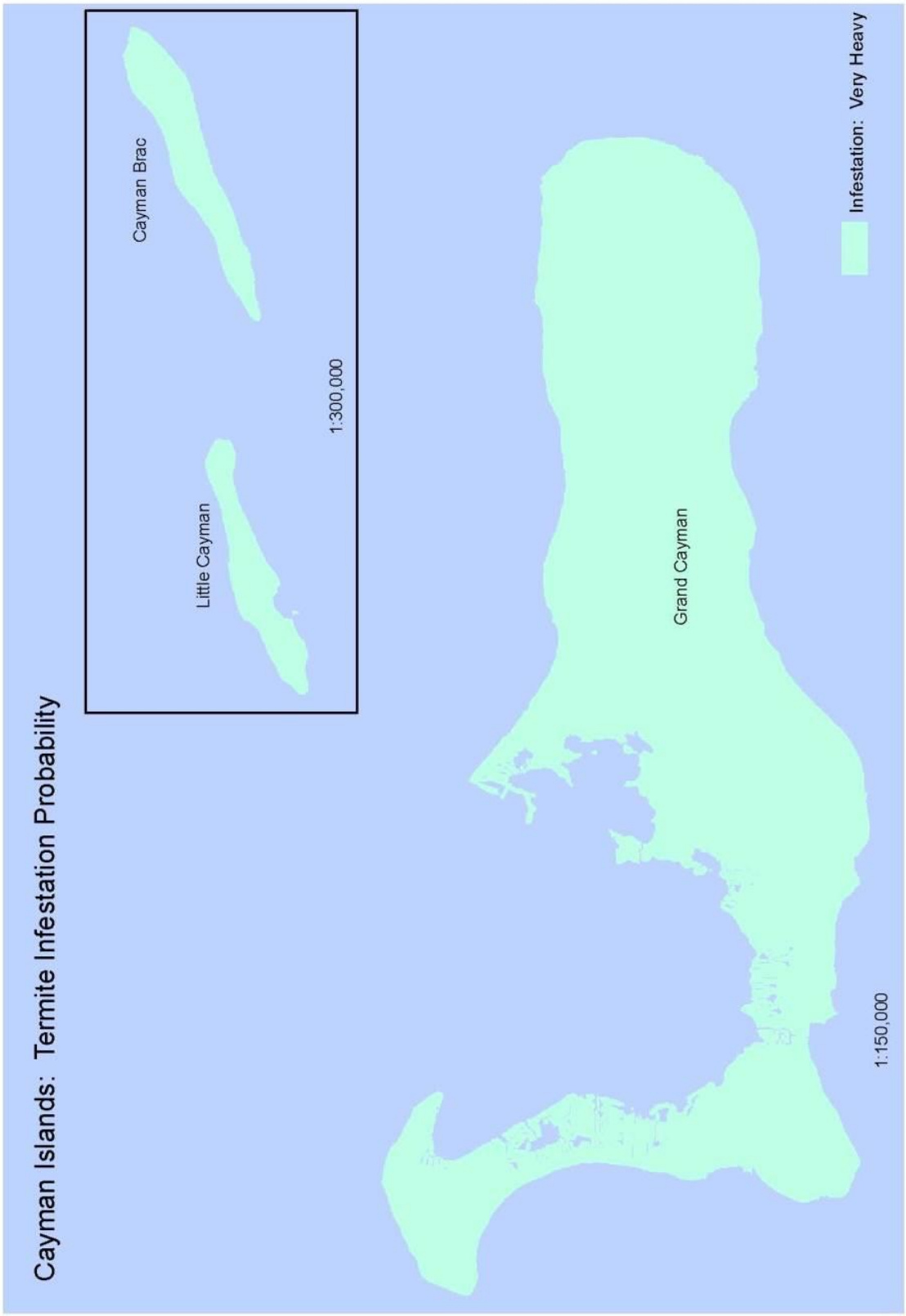


Figure 2603.8
Termite Infestation Probability Map
2009 International Building Code

TABLE 2308.10.2(1)
CEILING JOIST SPANS FOR COMMON LUMBER SPECIES
(Uninhabitable Attics Without Storage, Live Load = 10 pounds psf, $L/\Delta = 240$)

CEILING JOIST SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 5 pounds per square foot			
			2 × 4	2 × 6	2 × 8	2 × 10
			Maximum ceiling joist spans			
			(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)
12	Douglas Fir-Larch	SS	13-2	20-8	26-0	26-0
	Douglas Fir-Larch	#1	12-8	19-11	26-0	26-0
	Douglas Fir-Larch	#2	12-5	19-6	25-8	26-0
	Douglas Fir-Larch	#3	10-10	15-10	20-1	24-6
	Hem-Fir	SS	12-5	19-6	25-8	26-0
	Hem-Fir	#1	12-2	19-1	25-2	26-0
	Hem-Fir	#2	11-7	18-2	24-0	26-0
	Hem-Fir	#3	10-10	15-10	20-1	24-6
	Southern Pine	SS	12-11	20-3	26-0	26-0
	Southern Pine	#1	12-8	19-11	26-0	26-0
	Southern Pine	#2	**11-10**	19-6	25-8	26-0
	Southern Pine	#3	11-6	17-0	21-8	25-7
	Spruce-Pine-Fir	SS	12-2	19-1	25-2	26-0
	Spruce-Pine-Fir	#1	11-10	18-8	24-7	26-0
	Spruce-Pine-Fir	#2	11-10	18-8	24-7	26-0
	Spruce-Pine-Fir	#3	10-10	15-10	20-1	24-6
16	Douglas Fir-Larch	SS	11-11	18-9	24-8	26-0
	Douglas Fir-Larch	#1	11-6	18-1	23-10	26-0
	Douglas Fir-Larch	#2	11-3	17-8	23-0	26-0
	Douglas Fir-Larch	#3	9-5	13-9	17-5	21-3
	Hem-Fir	SS	11-3	17-8	23-4	26-0
	Hem-Fir	#1	11-0	17-4	22-10	26-0
	Hem-Fir	#2	10-6	16-6	21-9	26-0
	Hem-Fir	#3	9-5	13-9	17-5	21-3
	Southern Pine	SS	11-9	18-5	24-3	26-0
	Southern Pine	#1	11-6	18-1	23-1	26-0
	Southern Pine	#2	**10-9**	17-8	23-4	26-0
	Southern Pine	#3	10-0	14-9	18-9	22-2
	Spruce-Pine-Fir	SS	11-0	17-4	22-10	26-0
	Spruce-Pine-Fir	#1	10-9	16-11	22-4	26-0
	Spruce-Pine-Fir	#2	10-9	16-11	22-4	26-0
	Spruce-Pine-Fir	#3	9-5	13-9	17-5	21-3

(continued)

TABLE 2308.10.2(1)—continued
CEILING JOIST SPANS FOR COMMON LUMBER SPECIES
(Uninhabitable Attics Without Storage, Live Load = 10 pounds psf, $L/\Delta = 240$)

CEILING JOIST SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 5 pounds per square foot			
			2 × 4	2 × 6	2 × 8	2 × 10
			Maximum ceiling joist spans			
			(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)
19.2	Douglas Fir-Larch	SS	11-3	17-8	23-3	26-0
	Douglas Fir-Larch	#1	10-10	17-0	22-5	26-0
	Douglas Fir-Larch	#2	10-7	16-7	21-0	25-8
	Douglas Fir-Larch	#3	8-7	12-6	15-10	19-5
	Hem-Fir	SS	10-7	16-8	21-11	26-0
	Hem-Fir	#1	10-4	16-4	21-6	26-0
	Hem-Fir	#2	9-11	15-7	20-6	25-3
	Hem-Fir	#3	8-7	12-6	15-10	19-5
	Southern Pine	SS	11-0	17-4	22-10	26-0
	Southern Pine	#1	10-10	17-0	22-5	26-0
	Southern Pine	#2	**10-2**	16-8	21-11	26-0
	Southern Pine	#3	9-1	13-6	17-2	20-3
	Spruce-Pine-Fir	SS	10-4	16-4	21-6	26-0
	Spruce-Pine-Fir	#1	10-2	15-11	21-0	25-8
	Spruce-Pine-Fir	#2	10-2	15-11	21-0	25-8
	Spruce-Pine-Fir	#3	8-7	12-6	15-10	19-5
24	Douglas Fir-Larch	SS	10-5	16-4	21-7	26-0
	Douglas Fir-Larch	#1	10-0	15-9	20-1	24-6
	Douglas Fir-Larch	#2	9-10	14-10	18-9	22-11
	Douglas Fir-Larch	#3	7-8	11-2	14-2	17-4
	Hem-Fir	SS	9-10	15-6	20-5	26-0
	Hem-Fir	#1	9-8	15-2	19-7	23-11
	Hem-Fir	#2	9-2	14-5	18-6	22-7
	Hem-Fir	#3	7-8	11-2	14-2	17-4
	Southern Pine	SS	10-3	16-1	21-2	26-0
	Southern Pine	#1	10-0	15-9	20-10	26-0
	Southern Pine	#2	**9-5**	15-6	20-1	23-11
	Southern Pine	#3	8-2	12-0	15-4	18-1
	Spruce-Pine-Fir	SS	9-8	15-2	19-11	25-5
	Spruce-Pine-Fir	#1	9-5	14-9	18-9	22-11
	Spruce-Pine-Fir	#2	9-5	14-9	18-9	22-11
	Spruce-Pine-Fir	#3	7-8	11-2	14-2	17-4

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 47.8 N/m^2.

TABLE 2308.10.2(2)
CEILING JOIST SPANS FOR COMMON LUMBER SPECIES
(Uninhabitable Attics With Limited Storage, Live Load = 20 pounds per square foot, *L*/Δ = 240)

CEILING JOIST SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 10 pounds per square foot			
			2 × 4	2 × 6	2 × 8	2 × 10
			Maximum ceiling joist spans			
			(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)
12	Douglas Fir-Larch	SS	10-5	16-4	21-7	26-0
	Douglas Fir-Larch	#1	10-0	15-9	20-1	24-6
	Douglas Fir-Larch	#2	9-10	14-10	18-9	22-11
	Douglas Fir-Larch	#3	7-8	11-2	14-2	17-4
	Hem-Fir	SS	9-10	15-6	20-5	26-0
	Hem-Fir	#1	9-8	15-2	19-7	23-11
	Hem-Fir	#2	9-2	14-5	18-6	22-7
	Hem-Fir	#3	7-8	11-2	14-2	17-4
	Southern Pine	SS	10-3	16-1	21-2	26-0
	Southern Pine	#1	10-0	15-9	20-10	26-0
	Southern Pine	#2	**9-5**	15-6	20-1	23-11
	Southern Pine	#3	8-2	12-0	15-4	18-1
	Spruce-Pine-Fir	SS	9-8	15-2	19-11	25-5
	Spruce-Pine-Fir	#1	9-5	14-9	18-9	22-11
	Spruce-Pine-Fir	#2	9-5	14-9	18-9	22-11
	Spruce-Pine-Fir	#3	7-8	11-2	14-2	17-4
16	Douglas Fir-Larch	SS	9-6	14-11	19-7	25-0
	Douglas Fir-Larch	#1	9-1	13-9	17-5	21-3
	Douglas Fir-Larch	#2	8-9	12-10	16-3	19-10
	Douglas Fir-Larch	#3	6-8	9-8	12-4	15-0
	Hem-Fir	SS	8-11	14-1	18-6	23-8
	Hem-Fir	#1	8-9	13-5	16-10	20-8
	Hem-Fir	#2	8-4	12-8	16-0	19-7
	Hem-Fir	#3	6-8	9-8	12-4	15-0
	Southern Pine	SS	9-4	14-7	19-3	24-7
	Southern Pine	#1	9-1	14-4	18-11	23-1
	Southern Pine	#2	**8-7**	13-6	17-5	20-9
	Southern Pine	#3	7-1	10-5	13-3	15-8
	Spruce-Pine-Fir	SS	8-9	13-9	18-1	23-1
	Spruce-Pine-Fir	#1	8-7	12-10	16-3	19-10
	Spruce-Pine-Fir	#2	8-7	12-10	16-3	19-10
	Spruce-Pine-Fir	#3	6-8	9-8	12-4	15-0

(continued)

TABLE 2308.10.2(2)—continued
CEILING JOIST SPANS FOR COMMON LUMBER SPECIES
(Uninhabitable Attics With Limited Storage, Live Load = 20 pounds per square foot, $L/\Delta = 240$)

CEILING JOIST SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 10 pounds per square foot			
			2 × 4	2 × 6	2 × 8	2 × 10
			Maximum ceiling joist spans			
			(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)
19.2	Douglas Fir-Larch	SS	8-11	14-0	18-5	23-4
	Douglas Fir-Larch	#1	8-7	12-6	15-10	19-5
	Douglas Fir-Larch	#2	8-0	11-9	14-10	18-2
	Douglas Fir-Larch	#3	6-1	8-10	11-3	13-8
	Hem-Fir	SS	8-5	13-3	17-5	22-3
	Hem-Fir	#1	8-3	12-3	15-6	18-11
	Hem-Fir	#2	7-10	11-7	14-8	17-10
	Hem-Fir	#3	6-1	8-10	11-3	13-8
	Southern Pine	SS	8-9	13-9	18-1	23-1
	Southern Pine	#1	8-7	13-6	17-9	21-1
	Southern Pine	#2	**8-1**	12-3	15-10	18-11
	Southern Pine	#3	6-5	9-6	12-1	14-4
	Spruce-Pine-Fir	SS	8-3	12-11	17-1	21-8
	Spruce-Pine-Fir	#1	8-0	11-9	14-10	18-2
	Spruce-Pine-Fir	#2	8-0	11-9	14-10	18-2
	Spruce-Pine-Fir	#3	6-1	8-10	11-3	13-8
24	Douglas Fir-Larch	SS	8-3	13-0	17-1	20-11
	Douglas Fir-Larch	#1	7-8	11-2	14-2	17-4
	Douglas Fir-Larch	#2	7-2	10-6	13-3	16-3
	Douglas Fir-Larch	#3	5-5	7-11	10-0	12-3
	Hem-Fir	SS	7-10	12-3	16-2	20-6
	Hem-Fir	#1	7-6	10-11	13-10	16-11
	Hem-Fir	#2	7-1	10-4	13-1	16-0
	Hem-Fir	#3	5-5	7-11	10-0	12-3
	Southern Pine	SS	8-1	12-9	16-10	21-6
	Southern Pine	#1	8-0	12-6	15-10	18-10
	Southern Pine	#2	**7-6**	11-0	14-2	16-11
	Southern Pine	#3	5-9	8-6	10-10	12-10
	Spruce-Pine-Fir	SS	7-8	12-0	15-10	19-5
	Spruce-Pine-Fir	#1	7-2	10-6	13-3	16-3
	Spruce-Pine-Fir	#2	7-2	10-6	13-3	16-3
	Spruce-Pine-Fir	#3	5-5	7-11	10-0	12-3

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 47.8 N/m^2.

TABLE 2308.10.3(1)
RAFTER SPANS FOR COMMON LUMBER SPECIES
(Roof Live Load = 20 pounds per square foot, Ceiling Not Attached to Rafters, $L/\Delta = 180$)

RAFTER SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 10 pounds per square foot					DEAD LOAD = 20 per square foot				
			2 × 4	2 × 6	2 × 8	2 ×10	2 ×12	2 × 4	2 × 6	2 × 8	2 ×10	2 ×12
			Maximum rafter spans									
			(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)
12	DouglasFir-Larch	SS	11-6	18-0	23-9	26-0	26-0	11-6	18-0	23-5	26-0	26-0
	DouglasFir-Larch	#1	11-1	17-4	22-5	26-0	26-0	10-6	15-4	19-5	23-9	26-0
	DouglasFir-Larch	#2	10-10	16-7	21-0	25-8	26-0	9-10	14-4	18-2	22-3	25-9
	DouglasFir-Larch	#3	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
	Hem-Fir	SS	10-10	17-0	22-5	26-0	26-0	10-10	17-0	22-5	26-0	26-0
	Hem-Fir	#1	10-7	16-8	21-10	26-0	26-0	10-3	14-11	18-11	23-2	26-0
	Hem-Fir	#2	10-1	15-11	20-8	25-3	26-0	9-8	14-2	17-11	21-11	25-5
	Hem-Fir	#3	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
	Southern Pine	SS	11-3	17-8	23-4	26-0	26-0	11-3	17-8	23-4	26-0	26-0
	Southern Pine	#1	11-1	17-4	**22-5**	26-0	26-0	**10-5**	**15-6**	**19-5**	**23-2**	26-0
	Southern Pine	#2	**9-0**	**15-4**	**20-3**	**23-11**	26-0	**7-10**	**13-3**	**17-6**	**20-8**	26-0
	Southern Pine	#3	**8-3**	**12-0**	**15-3**	**18-3**	24-1	**7-2**	**10-4**	**13-3**	**15-10**	20-11
	Spruce-Pine-Fir	SS	10-7	16-8	21-11	26-0	26-0	10-7	16-8	21-9	26-0	26-0
	Spruce-Pine-Fir	#1	10-4	16-3	21-0	25-8	26-0	9-10	14-4	18-2	22-3	25-9
	Spruce-Pine-Fir	#2	10-4	16-3	21-0	25-8	26-0	9-10	14-4	18-2	22-3	25-9
	Spruce-Pine-Fir	#3	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
16	DouglasFir-Larch	SS	10-5	16-4	21-7	26-0	26-0	10-5	16-0	20-3	24-9	26-0
	DouglasFir-Larch	#1	10-0	15-4	19-5	23-9	26-0	9-1	13-3	16-10	20-7	23-10
	DouglasFir-Larch	#2	9-10	14-4	18-2	22-3	25-9	8-6	12-5	15-9	19-3	22-4
	DouglasFir-Larch	#3	7-5	10-10	13-9	16-9	19-6	6-5	9-5	11-11	14-6	16-10
	Hem-Fir	SS	9-10	15-6	20-5	26-0	26-0	9-10	15-6	19-11	24-4	26-0
	Hem-Fir	#1	9-8	14-11	18-11	23-2	26-0	8-10	12-11	16-5	20-0	23-3
	Hem-Fir	#2	9-2	14-2	17-11	21-11	25-5	8-5	12-3	15-6	18-11	22-0
	Hem-Fir	#3	7-5	10-10	13-9	16-9	19-6	6-5	9-5	11-11	14-6	16-10
	Southern Pine	SS	10-3	16-1	21-2	26-0	26-0	10-3	16-1	**20-10**	**25-1**	26-0
	Southern Pine	#1	10-0	15-9	**19-5**	**23-2**	26-0	**9-0**	**13-5**	**16-10**	**20-0**	26-0
	Southern Pine	#2	**7-10**	**13-3**	**17-6**	**20-8**	26-0	**6-9**	**11-6**	**15-2**	**17-11**	**22-0**
	Southern Pine	#3	**7-2**	**10-4**	**13-3**	**15-10**	20-11	**6-2**	**9-0**	**11-6**	**13-8**	18-1
	Spruce-Pine-Fir	SS	9-8	15-2	19-11	25-5	26-0	9-8	14-10	18-10	23-0	26-0
	Spruce-Pine-Fir	#1	9-5	14-4	18-2	22-3	25-9	8-6	12-5	15-9	19-3	22-4
	Spruce-Pine-Fir	#2	9-5	14-4	18-2	22-3	25-9	8-6	12-5	15-9	19-3	22-4
	Spruce-Pine-Fir	#3	7-5	10-10	13-9	16-9	19-6	6-5	9-5	11-11	14-6	16-10

(continued)

TABLE 2308.10.3(1)—continued
RAFTER SPANS FOR COMMON LUMBER SPECIES
(Roof Live Load = 20 pounds per square foot, Ceiling Not Attached to Rafters, $L/\Delta = 180$)

RAFTER SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 10 pounds per square foot					DEAD LOAD = 20 pounds per square foot				
			2 × 4	2 × 6	2 × 8	2 × 10	2 × 12	2 × 4	2 × 6	2 × 8	2 × 10	2 × 12
			Maximum rafter spans									
			(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)
19.2	DouglasFir-Larch	SS	9-10	15-5	20-4	25-11	26-0	9-10	14-7	18-6	22-7	26-0
	DouglasFir-Larch	#1	9-5	14-0	17-9	21-8	25-2	8-4	12-2	15-4	18-9	21-9
	DouglasFir-Larch	#2	8-11	13-1	16-7	20-3	23-6	7-9	11-4	14-4	17-7	20-4
	DouglasFir-Larch	#3	6-9	9-11	12-7	15-4	17-9	5-10	8-7	10-10	13-3	15-5
	Hem-Fir	SS	9-3	14-7	19-2	24-6	26-0	9-3	14-4	18-2	22-3	25-9
	Hem-Fir	#1	9-1	13-8	17-4	21-1	24-6	8-1	11-10	15-0	18-4	21-3
	Hem-Fir	#2	8-8	12-11	16-4	20-0	23-2	7-8	11-2	14-2	17-4	20-1
	Hem-Fir	#3	6-9	9-11	12-7	15-4	17-9	5-10	8-7	10-10	13-3	15-5
	Southern Pine	SS	9-8	15-2	19-11	25-5	26-0	9-8	15-2	**19-0**	**22-11**	26-0
	Southern Pine	#1	9-5	**14-2**	**17-9**	**21-1**	26-0	**8-3**	**12-3**	**15-4**	**18-3**	24-4
	Southern Pine	#2	**7-2**	**12-2**	**16-0**	**18-11**	**22-2**	**6-2**	**10-6**	**13-10**	**16-4**	21-6
	Southern Pine	#3	**6-6**	**9-6**	**12-1**	**14-5**	19-1	**5-8**	**8-2**	**10-6**	**12-6**	16-6
	Spruce-Pine-Fir	SS	9-1	14-3	18-9	23-11	26-0	9-1	13-7	17-2	21-0	24-4
	Spruce-Pine-Fir	#1	8-10	13-1	16-7	20-3	23-6	7-9	11-4	14-4	17-7	20-4
	Spruce-Pine-Fir	#2	8-10	13-1	16-7	20-3	23-6	7-9	11-4	14-4	17-7	20-4
	Spruce-Pine-Fir	#3	6-9	9-11	12-7	15-4	17-9	5-10	8-7	10-10	13-3	15-5
24	DouglasFir-Larch	SS	9-1	14-4	18-10	23-4	26-0	8-11	13-1	16-7	20-3	23-5
	DouglasFir-Larch	#1	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
	DouglasFir-Larch	#2	8-0	11-9	14-10	18-2	21-0	6-11	10-2	12-10	15-8	18-3
	DouglasFir-Larch	#3	6-1	8-10	11-3	13-8	15-11	5-3	7-8	9-9	11-10	13-9
	Hem-Fir	SS	8-7	13-6	17-10	22-9	26-0	8-7	12-10	16-3	19-10	23-0
	Hem-Fir	#1	8-4	12-3	15-6	18-11	21-11	7-3	10-7	13-5	16-4	19-0
	Hem-Fir	#2	7-11	11-7	14-8	17-10	20-9	6-10	10-0	12-8	15-6	17-11
	Hem-Fir	#3	6-1	8-10	11-3	13-8	15-11	5-3	7-8	9-9	11-10	13-9
	Southern Pine	SS	8-11	14-1	18-6	23-8	26-0	8-11	**13-7**	**17-0**	**20-5**	26-0
	Southern Pine	#1	8-9	13-9	17-9	21-1	25-2	**7-4**	**10-11**	**13-8**	**16-4**	21-9
	Southern Pine	#2	**6-5**	**10-10**	**14-4**	**16-11**	**19-10**	**5-6**	**9-5**	**12-5**	**14-8**	19-3
	Southern Pine	#3	**5-10**	**8-5**	**10-10**	**12-11**	17-1	**5-1**	**7-4**	**9-4**	**11-2**	14-9
	Spruce-Pine-Fir	SS	8-5	13-3	17-5	21-8	25-2	8-4	12-2	15-4	18-9	21-9
	Spruce-Pine-Fir	#1	8-0	11-9	14-10	18-2	21-0	6-11	10-2	12-10	15-8	18-3
	Spruce-Pine-Fir	#2	8-0	11-9	14-10	18-2	21-0	6-11	10-2	12-10	15-8	18-3
	Spruce-Pine-Fir	#3	6-1	8-10	11-3	13-8	15-11	5-3	7-8	9-9	11-10	13-9

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 47.9 N/m^2.

TABLE 2308.10.3(2)
RAFTER SPANS FOR COMMON LUMBER SPECIES
(Roof Live Load = 20 pounds per square foot, Ceiling Attached to Rafters, $L/\Delta = 240$)

RAFTER SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 10 pounds per square foot					DEAD LOAD = 20 pounds per square foot				
			2 × 4	2 × 6	2 × 8	2 × 10	2 × 12	2 × 4	2 × 6	2 × 8	2 × 10	2 × 12
			Maximum rafter spans									
			(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)
12	DouglasFir-Larch	SS	10-5	16-4	21-7	26-0	26-0	10-5	16-4	21-7	26-0	26-0
	DouglasFir-Larch	#1	10-0	15-9	20-10	26-0	26-0	10-0	15-4	19-5	23-9	26-0
	DouglasFir-Larch	#2	9-10	15-6	20-5	25-8	26-0	9-10	14-4	18-2	22-3	25-9
	DouglasFir-Larch	#3	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
	Hem-Fir	SS	9-10	15-6	20-5	26-0	26-0	9-10	15-6	20-5	26-0	26-0
	Hem-Fir	#1	9-8	15-2	19-11	25-5	26-0	9-8	14-11	18-11	23-2	26-0
	Hem-Fir	#2	9-2	14-5	19-0	24-3	26-0	9-2	14-2	17-11	21-11	25-5
	Hem-Fir	#3	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
	Southern Pine	SS	10-3	16-1	21-2	26-0	26-0	10-3	16-1	21-2	26-0	26-0
	Southern Pine	#1	10-0	15-9	20-10	26-0	26-0	10-0	**15-6**	**19-5**	**23-2**	26-0
	Southern Pine	#2	**9-5**	**15-4**	**20-3**	**23-11**	26-0	**8-9**	**13-3**	**17-6**	**20-8**	**24-1**
	Southern Pine	#3	9-1	**12-1**	**15-3**	**18-3**	**21-6**	7-11	**10-4**	**13-3**	**15-10**	**18-7**
	Spruce-Pine-Fir	SS	9-8	15-2	19-11	25-5	26-0	9-8	15-2	19-11	25-5	26-0
	Spruce-Pine-Fir	#1	9-5	14-9	19-6	24-10	26-0	9-5	14-4	18-2	22-3	25-9
	Spruce-Pine-Fir	#2	9-5	14-9	19-6	24-10	26-0	9-5	14-4	18-2	22-3	25-9
	Spruce-Pine-Fir	#3	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
16	DouglasFir-Larch	SS	9-6	14-11	19-7	25-0	26-0	9-6	14-11	19-7	24-9	26-0
	DouglasFir-Larch	#1	9-1	14-4	18-11	23-9	26-0	9-1	13-3	16-10	20-7	23-10
	DouglasFir-Larch	#2	8-11	14-1	18-2	22-3	25-9	8-6	12-5	15-9	19-3	22-4
	DouglasFir-Larch	#3	7-5	10-10	13-9	16-9	19-6	6-5	9-5	11-11	14-6	16-10
	Hem-Fir	SS	8-11	14-1	18-6	23-8	26-0	8-11	14-1	18-6	23-8	26-0
	Hem-Fir	#1	8-9	13-9	18-1	23-1	26-0	8-9	12-11	16-5	20-0	23-3
	Hem-Fir	#2	8-4	13-1	17-3	21-11	25-5	8-4	12-3	15-6	18-11	22-0
	Hem-Fir	#3	7-5	10-10	13-9	16-9	19-6	6-5	9-5	11-11	14-6	16-10
	Southern Pine	SS	9-4	14-7	19-3	24-7	26-0	9-4	14-7	19-3	24-7	26-0
	Southern Pine	#1	9-1	14-4	18-11	24-1	26-0	9-1	**13-6**	**16-9**	**20-0**	**23-9**
	Southern Pine	#2	**8-7**	**13-3**	**17-6**	**20-8**	**24-1**	**7-7**	**11-6**	**15-2**	**17-11**	**20-10**
	Southern Pine	#3	7-11	**10-4**	**13-3**	**15-10**	**18-6**	6-10	**9-0**	**11-6**	**13-8**	**16-2**
	Spruce-Pine-Fir	SS	8-9	13-9	18-1	23-1	26-0	8-9	13-9	18-1	23-0	26-0
	Spruce-Pine-Fir	#1	8-7	13-5	17-9	22-3	25-9	8-6	12-5	15-9	19-3	22-4
	Spruce-Pine-Fir	#2	8-7	13-5	17-9	22-3	25-9	8-6	12-5	15-9	19-3	22-4
	Spruce-Pine-Fir	#3	7-5	10-10	13-9	16-9	19-6	6-5	9-5	11-11	14-6	16-10

(continued)

SCHEDULE 2

(Regulation 3)

AMENDMENTS TO THE *2009 INTERNATIONAL MECHANICAL CODE*

Provision of the *2009 International Mechanical Code* affected	**Exceptions, adaptations and modifications**
Preface	Under the section "Adoption", delete the words "and in the sample ordinance" and the sentence following those words.
Ordinance	Delete this section.
Chapter 1	
Amend Section 101.1 *Title*	Insert the words "the *Cayman Islands*" before the words "*Mechanical Code*" and delete the words "of [NAME OF JURISDICTION]".
Amend Section 102.10 *Other Laws*	Delete the words "local, state or federal law" and substitute the words "Cayman Islands laws or regulations".
Amend Section 103.1 *General*	**"103.1 General.** Any reference to the "Department of Mechanical Inspection" shall mean the Department of Planning, which shall have primary responsibility for enforcement of this Code, as specified under the duties and powers of the Building Official. This code may be enforced by other code enforcement divisions in the Cayman Islands but authority shall be retained by the Director of Planning."
Amend Section 103.2 *Appointment*	Delete the words "chief appointing authority of the jurisdiction" and substitute the words "Director of Planning, presiding over the authority having jurisdiction".
Delete Section 103.4 *Liability*	
Delete Section 104.4 *Right of Entry*	
Delete Section 104.5 *Identification*	
Delete Section 104.6	

Notices and Orders	
Amend Section 104.7 *Department Records*	Delete the words "code official" and substitute the words "Department of Planning".
Amend Section 106.4 *Permit Issuance*	Delete the words "and ordinances". Delete the words "in Section 106.5" and substitute the words "the Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision)".
Amend 106.4.1 *Approved Construction Documents*	Delete the words "stamped "APPROVED"" and substitute the words "stamped "REVIEWED FOR CODE COMPLIANCE"".
Amend Section 106.4.3 *Expiration*	Delete the word "one-half".
Amend Section 106.4.4 *Extensions*	Delete the words "one half the amount required for a new permit for such work" and substitute the words "as stipulated in the Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision)".
Amend Section 106.4.6 *Retention of Construction Documents*	Delete the words "Code official for a period of not less than 180 days from the date of completion of the permitted work or as required by state or local laws" and substitute the words "Department of Planning as required by the Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision)".
Amend 106.5 *Fees*	Delete the words "Section 106.5.2" and substitute the words "the Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision)".
Amend 106.5.1 *Work commencing before Permit Issuance*	Delete the words "100 percent of the usual permit fee in addition to the required permit fees" and substitute the words "the fees set out in the Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision)".
Delete 106.5.2 *Fee Schedule*	
Delete 106.5.3 *Fee Refunds*	
Delete 108.1 *Unlawful Acts*	
Delete Section 108.3 *Prosecution of violation*	
Delete Section 108.4 *Violation penalties*	
Delete Section 108.5	

Stop Work orders	
Delete 108.6 *Abatement of violation*	
Delete Section 109 *Means of Appeal*	
Appendices	
Delete Appendix A *Combustion Air Openings and Chimney Connector Pass throughs*	
Delete Appendix B *Recommended Permit Fee Schedule*	

SCHEDULE 3

(Regulation 3)

AMENDMENTS TO THE *2009 INTERNATIONAL PLUMBING CODE*

Part 1 – Amendments

Provision of the *2009 International Plumbing Code* affected	**Exceptions, adaptations and modifications**
Chapter 1	
Amend section 101.1 *Title*	Delete the words "*International Plumbing Code* of [NAME OF JURISDICTION]" and substitute the words "*Cayman Islands Plumbing Code*,".
Delete Section 104.4 *Right of Entry*	
Delete Section 104.5 *Identification*	
Delete Section 104.6 *Notices and Orders*	
Amend Section 104.7 *Department Records*	Delete the words "code official" and substitute the words "Department of Planning".
Amend Section 106.5 *Permit Issuance*	Delete the words "and ordinances". Delete the words "in Section 106.6" and substitute the words "the Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision)".
Amend Section 106.5.1 *Approved Construction Documents*	Delete the words "stamped "APPROVED"" and substitute the words "stamped "REVIEWED FOR CODE COMPLIANCE"".
Amend Section 106.5.3 *Expiration*	Delete the word "one-half".
Amend Section 106.5.4 *Extensions*	Delete the words "one half the amount required for a new permit for such work" and substitute the words "as stipulated in the Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision)".
Amend Section 106.5.6 *Retention of Construction*	Delete the words "*code official* for a period of not less than 180 days from the date of completion of the permitted work or as required by state or local laws" and substitute the words "Department of Planning as required by the

Documents	Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision)".
Amend 106.6 *Fees*	Delete the words "Section 106.6.2" and substitute the words "the Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision)".
Amend 106.6 .1 *Work commencing before Permit Issuance*	Delete the words "100 percent of the usual permit fee in addition to the required permit fees." and substitute the words "the fees as stated in the Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision)".
Delete 106.6.2 *Fee Schedule*	
Delete 106.6.3 *Fee Refunds*	
Delete 108.4 *Violation penalties*	
Delete 108.5 *Stop Work Orders*	
Delete Section 109 *Means of Appeal*	
Chapter 3	
Delete section 305.6 *Freezing*	
Delete section 305.6.1 *Sewer depth*	
Amend Section 305.9 *Protection of components of plumbing system*	Insert the words "parking lots" after the word "driveways". Delete the words "in an approved manner" and substitute the following words - "by - (a) burying the crown of pipe a minimum of twelve inches (12") below grade in accordance with section 306.3 *Backfilling*; or (b) in situations where it is not possible to bury the pipe, protecting the pipe with a sleeve as per Section 305.5 and covering it in a minimum of two inches of concrete".
Insert Section 305.10 *Minimum piping cover*	"**305.10 Minimum piping cover.** All piping shall be continuously supported on earth free from hard debris. The crown of the piping shall have six inches (6") minimum clean tamped earth cover or the pipe shall be continuously sleeved as per section 305.5".
Amend Section 312.5 *Water supply system test*	Delete the words "the working pressure of the system; or, for piping systems other than plastic, by an air test of not less than 50 psi (344 kPa)" and substitute the words "100 psi (688 kPa), or, where applicable at the discretion of the Building Official by an air test of not less than 100 psi (688 kPa)". Delete the words "15 minutes" and substitute the words "24 hours".
Amend Section [M]	Delete the words "outlet to an approved place of disposal" and substitute the

314.2.1 *Condensate Disposal*	words "outlet to the sanitary or public sewer or to an approved place of disposal, as approved by the sewage authority or the Water Authority as applicable".
Chapter 4	
Amend Section 412.3 *Size of Floor Drains*	Insert at the end of the section the following - "Exception: Floor drains shall be provided in all public restrooms. Such drains shall have a minimum outlet of not less than three inches (3")(76 mm) in diameter and shall have trap primers.".
Chapter 6	
Replace Section 608.6.1 *Private water supplies*	"**608.6.1 Private water supplies.** Where cross connections between private and public sources of water are utilized, an approved back flow preventer shall be required at the water service pipe on the customer side of the water meter, in addition to the backflow preventer required by the public utility."
Amend Table 608.17.1 *Distance from contamination to private water supplies and pump suction lines*	Delete the distance value for "seepage pits" and substitute "100". Delete the distance value "septic tanks" and substitute "50". Insert under the heading in alphabetical order under the heading "Source of Contamination" the words "effluent disposal well" and "storm water disposal wells" and insert a distance value of "100" for each. (See Table 608.17.1 *Distance From Contamination to Private Water Supplies and Pump Suction Lines* in Part 2 of the Schedule)
Delete Section 608.17.3 *Depth*	
Insert Section 608.17.9 *Cisterns used for potable water supply*	"**608.17.9 Cisterns used for potable water supply.** The cistern shall be constructed in such a manner to provide safeguards from contamination. In the event the bottom of the cistern is 12" or higher above the local groundwater table, the inside of the cistern shall be single rendered with approved waterproof material. In the event the bottom of the cistern is less than 12" above the local groundwater table, the inside and outside shall be double rendered with approved waterproof material. Installation of any part of the building drain and building sewer anywhere above the cistern or within 12" of the vertical sides or the bottom of the cistern is prohibited. The outlet, overflow and manhole of the cistern shall be located at least 12" above ground level and shall have adequate protection from the ingress of floodwater, storm water and any other items that render the water unsuitable for potable use."
Amend Section 610.1 *General*	Delete the words "New or repaired potable water systems" and substitute the words "New, modified or repaired potable water systems for educational occupancies, food establishments and medical facilities". Delete the words "that prescribed by the health authority or water purveyor having jurisdiction or, in the absence of a prescribed method,".
Chapter 7	
Amend Section 701.5 *Damage to drainage system or public sewer*	Insert at the end of the section the following sentence - "The disposal of hazardous materials not covered in Section 1003 shall be prohibited in accordance with section 48 of the current revision of the

	Water Authority Law.".
Chapter 9	
Amend Section 904.1 *Roof extension*	Delete the words "7 feet (2134 mm)" and substitute the words"7 feet, 6 inches (2286.5 mm)".
Amend Section 917.1 *General*	Insert before the full stop the words "and shall be designed and listed for corrosive or coastal environments".
Chapter 10	
Amend Section 1003.3.1 *Grease interceptors and automatic grease removal devices required*	Delete the words "and automatic grease removal devices" from the section title and the section. Delete the words "or automatic grease removal devices". Delete the word "wok" and substitute the word "work".
Amend Section 1003.3.3 *Grease interceptors and automatic grease removal devices not required*	Delete the words "and automatic grease removal devices" in the section title. Delete the words "or an automatic grease removal device".
Replace Section 1003.3.4 *Grease interceptors and automatic grease removal devices*	Delete section 1003.3.4 and substitute the following section - "**1003.3.4 Grease interceptors.** Grease interceptors shall be water-tight tanks designed and constructed to withstand anticipated loads. Grease interceptors shall have not less than two compartments and a minimum volume of 600 US gallons. The design and dimensions shall be in accordance with Figure 1003.3.4. Access covers shall be watertight to prevent infiltration of storm water."
Insert Figure 1003.3.4 *Commercial Grease Interceptor*	Insert Figure 1003.3.4 *Commercial Grease Interceptor* from Part 2 of this Schedule.
Replace Section 1003.3.4.1 *Grease Interceptor capacity*	Delete section 1003.3.4.1 and substitute the following section - "**1003.3.4.1 Grease Interceptor sizing.** Grease interceptors shall be sized by the Water Authority. Exception: Indoor under-sink or in-floor grease interceptors are permitted in buildings constructed before 2001 or where approved by the code official. Indoor grease interceptors shall comply with the requirements of Sections 1003.3.1 through 1003.3.3 and Sections 1003.3.4.2 through 1003.3.4.4."
Replace Section 1003.3.4.2 *Rate of flow controls*	Delete section 1003.3.4.2 and substitute the following section - "**1003.3.4.2 Indoor grease Interceptors** Indoor grease interceptors shall be sized in accordance with PDI G101, ASME A112.14.3 Appendix A, or ASME A1 12.14.4. Indoor grease interceptors shall be designed and tested in accordance with PDI G101, ASME A112.14.3 or ASME A112.14.4. Indoor grease interceptors shall be installed in accordance with manufacturer's

	instructions."
Insert Section 1003.3.4.3 *Indoor grease interceptor capacity*	"**1003.3.4.3 Indoor grease interceptor capacity.** Indoor grease interceptors shall have the grease retention capacity indicated in Table 1003.3.4.3 for the flow-through rates indicated."
Insert Section 1003.3.4.4 *Rate of flow controls*	"**1003.3.4.4 Rate of flow controls.** Indoor grease interceptors shall be equipped with devices to control the rate of water flow so that the water flow does not exceed the rated flow. The flow-control device shall be vented and terminate not less than 6 inches (152 mm) above the flood rim level or be installed in accordance with the manufacturer's instructions."
Delete Section 1003.3.5 *Automatic Grease Removal Devices*	
Amend Section 1003.4 *Oil separators required*	Insert the word "oil" after the words "pits,". Delete the words "the building drainage system or other point of disposal" and substitute the words "an effluent disposal well.". Delete the last sentence of the Section containing the Exception.
Amend Section 1003.4.1 *Separation of liquids*	Delete the word "receptacle" and substitute the word "separator".
Replace section 1003.4.2.1 *General Design Requirements*	"**1003.4.2.1 General design.** For general design of conventional oil separators, see figure 1003.4.2.1." Insert Figure 1003.4.2.1 and footnotes from Part 2 of the Schedule.
Insert Section 1003.4.2.1.1 *Manufactured coalescing oil separators*	"**1003.4.2.1.1 Manufactured coalescing oil separators.** Manufactured coalescing oil separators will be approved based on review of manufacturer's design guidelines for the proposed application."
Chapter 11	
Amend Section 1101.2 *Where required*	Delete the words ", or a combined sewer system," .
Delete Section 1103 *Traps*	
Delete Section 1104.2 *Combining storm with sanitary drainage*	
Delete Section 1108 *Combined Sanitary and Storm System*	
Appendices	
Delete Appendix A *Plumbing Permit Fee*	

Schedule	
Delete Appendix B *Rates of Rainfall for Various Cities*	
Delete Appendix D *Degree Day and Design Temperatures*	

Part 2 - Attachments

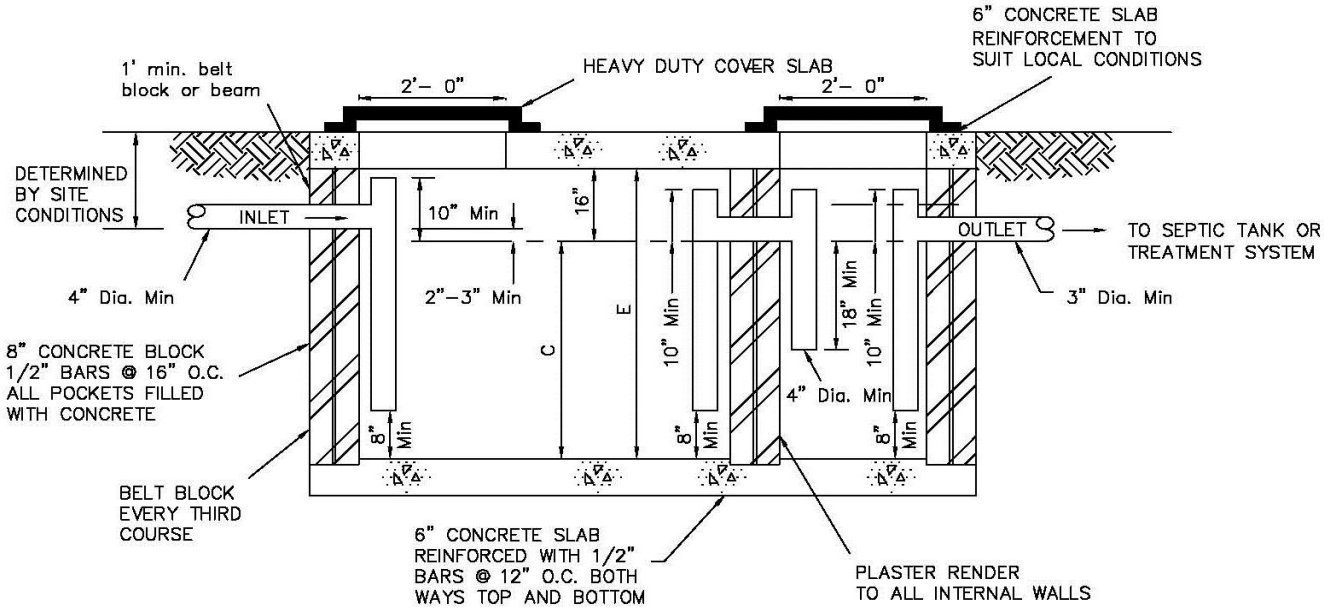
TABLE 608.17.1
DISTANCE FROM CONTAMINATION TO
PRIVATE WATER SUPPLIES AND PUMP SUCTION LINES

SOURCE OF CONTAMINATION	DISTANCE (feet)
Barnyard	100
Farm silo	25
Pasture	100
Pumphouse floor drain of cast iron draining to ground surface	2
Seepage pits	**100**
Septic tank	**50**
Sewer	10
Subsurface disposal fields	50
Subsurface pits	50
Storm water disposal wells	**100**
Effluent disposal well	**100**

For SI: 1 foot = 304.8 mm.

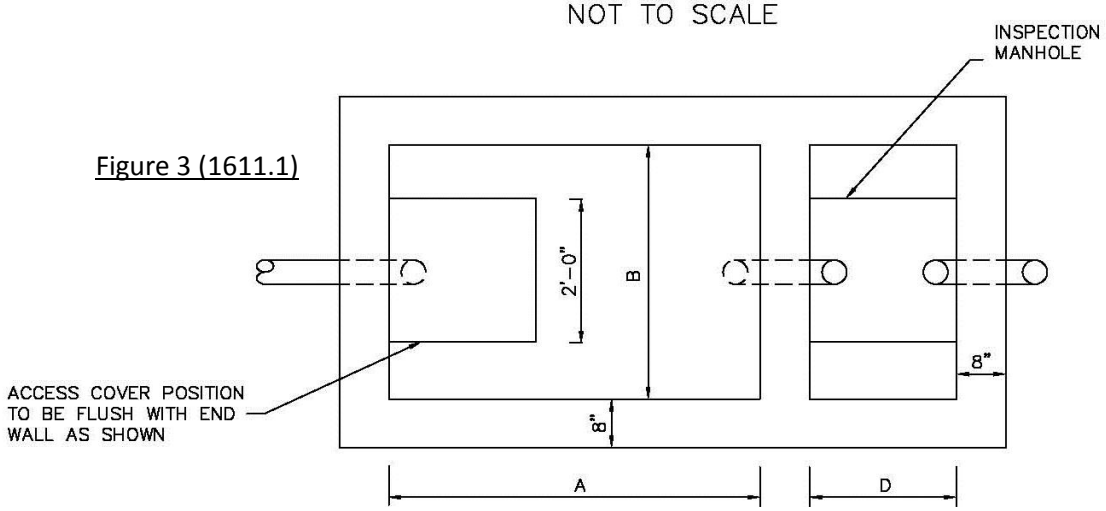
Figure 1003.3.4

COMMERCIAL GREASE INTERCEPTOR



NOT TO SCALE

Figure 3 (1611.1)



COMMERCIAL GREASE INTERCEPTOR					
Gal.	Normal Dimensions				
	A	B	C	D	E
600	5'6"	3'6"	3'0"	3'0"	2'8"
750	6'0"	3'6"	3'6"	3'0"	4'10"
1000	6'0"	4'0"	4'0"	3'0"	5'4"
1250	6'6"	4'0"	4'6"	3'6"	5'10"

1. Levels of ground and ground water shown are ideal. Local site conditions will determine actual levels.

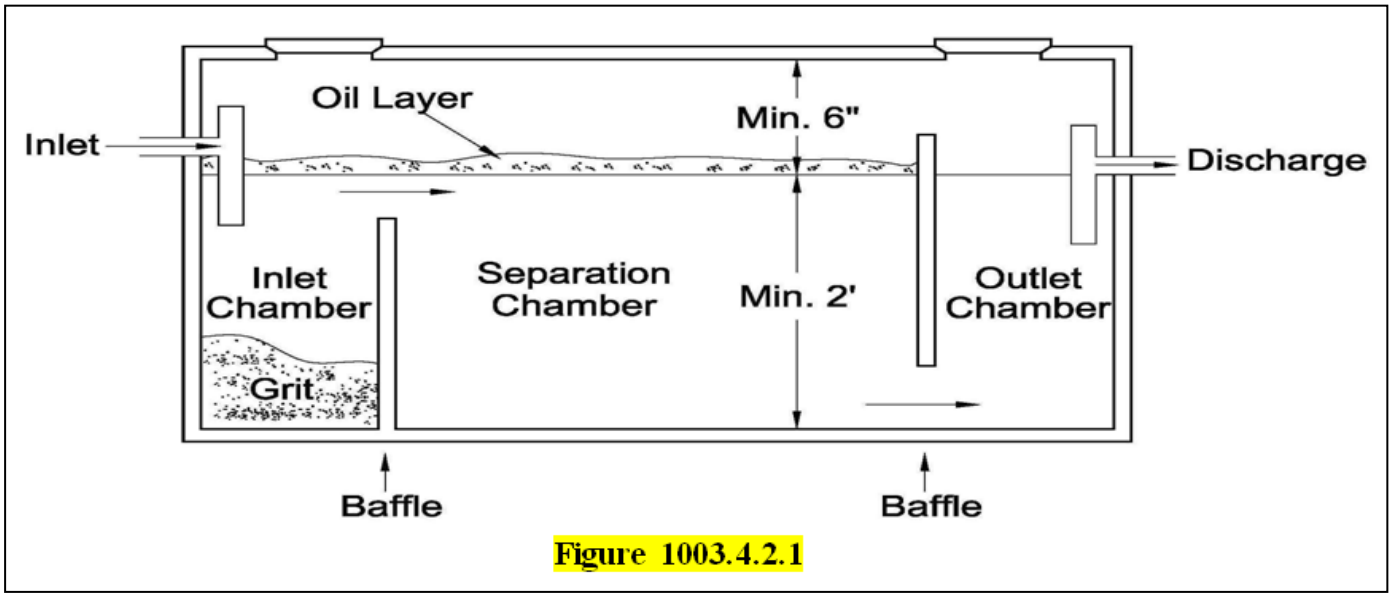


Figure 1003.4.2.1

Notes:

1. Separators shall be designed with inlet, outlet and baffle devices to distribute flow and retain oil and grit in the compartments.
2. Length to width ratio 2:1
3. Width to depth ratio 2:1
4. Depth a minimum of 2.5 feet
5. Access covers shall be watertight to prevent infiltration of storm water.

SCHEDULE 4

(Regulation 3)

AMENDMENTS TO THE *2009 INTERNATIONAL FUEL AND GAS CODE*

Provision of the 2009 *International Fuel and Gas Code* affected	**Exceptions, adaptations and modifications**
Preface	Under the section "Adoption", delete the words "and in the sample ordinance" and the sentence following those words.
Ordinance	Delete this section.
Chapter 1	
Amend Section 101.1 *Title*	Delete the words "*Fuel and Gas Code of* [NAME OF JURISDICTION]" and substitute the words "*Cayman Islands Fuel and Gas Code*".
Amend Section 102.10 *Other laws*	Delete the words "local, state or federal law" and substitute the words "Cayman Islands laws or regulations".
Replace Section 103.1 *General*	**"103.1 General.** Any reference to the "Department of Inspection" shall mean the Department of Planning, which shall have primary responsibility for enforcement of this Code, as specified under the duties and powers of the *code official*. This code may be enforced by other code enforcement divisions in the Cayman Islands but authority shall be retained by the Director of Planning."
Amend Section 103.2 *Appointment*	Delete the words "chief appointing authority of the jurisdiction" and substitute the words "Director of Planning, presiding over the authority having jurisdiction".
Amend Section 104.7 *Department Records*	Delete the words "code official" and substitute the words "Department of Planning".
Amend Section 106.3.1 *Construction documents*	Delete the words "state law" and substitute the words "these codes or Cayman Islands laws and regulations". Insert the words ", dimensioned" immediately after the word "scale".
Amend Section 106.5.1 *Approved Construction Documents*	Delete the word "stamped "APPROVED"" and substitute the words "stamped "REVIEWED FOR CODE COMPLIANCE"".
Amend Section R106.3.2 *Timeline of Application*	Insert the following sentence after the word "demonstrated" - "The Building Official may also grant an extension of time, for a period of 180 days, in any case where the extension is necessary due to the occurrence of a national disaster.".
Insert Section R106.5.3 *Expiration of Permit*	"**R106.5.3 Expiration of Permit**. Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180

	days after its issuance, or if the work authorized on the site by such permits suspended or abandoned for a period of 180 days after the time the work is commenced. The *code official* is authorized to grant, in writing, one or more extensions of time, for periods not more than 90 days each. The extension shall be requested in writing and justifiable cause demonstrated. Exception: An extension of time, for a further period of 180 days, may be allowed for the permit in any case where the extension is necessary due to the occurrence of a national disaster."
Amend Section R106.5.6 *Retention of construction documents*	Delete the words "Code official for a period of not less than 180 days from the date of completion of the permitted work or as required by state or local laws" and substitute the words "Department of Planning as required by the Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision)".
Amend Section 106.5.8 *Posting of permit*	Delete the words "or a copy".
Delete Section 106.6 *Payment of fees*	Delete the words "in section 106.6.2" and substitute the words **"**under the Development and Planning Law and Development and Planning Regulations (2015 Revision) Fee Schedules".
Delete Section 106.6.1	
Delete Section 106.6. *Fee schedule*	Delete the words "as indicated in the following schedule. [JURISDICTION TO INSERT APPROPRIATE SCHEDULE]" and substitute "in accordance with the Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision) Fee Schedules".
Delete Section 106.6.3 *Fee refunds*	

SCHEDULE 5

(Regulation 3)

AMENDMENTS TO THE *2009 INTERNATIONAL RESIDENTIAL CODE*

Part 1 - Amendments

Provision of the *2009 International Residential Code* affected	**Exceptions, adaptations and modifications**
Preface	Under the section "Adoption", delete the words "and in the sample ordinance" and the sentence following those words. Insert at the end of the Preface the following charts from Part 2 of the Schedule - "Residential Construction Requirements and the relevant ICC 600 Section Table 1"; "Residential Construction Requirements and the relevant ICC 600 Section Table 2"; and "Code Reference Chart for the International Residential Code".
Ordinance	Delete this section.
Chapter 1	
Amend Section R101.1 *Title*	Delete the words "[NAME OF JURISDICTION]" and substitute the words "the *Cayman Islands Building Code*,".
Insert Section R101.4 *Adopted Codes*	"**101.5 Adopted Codes.** The other codes listed in Sections R101.4.1 through R101.4.6 and referenced elsewhere in this Code shall be considered part of the requirements of this Code to the prescribed extent of each such reference."
Insert Section R101.4.1 *Gas*	"**R101.4.1 Gas.** The *International Fuel and Gas Code* shall mean the *Cayman Islands Fuel and Gas Code* as amended and shall apply to the installation of gas piping from the point of delivery, gas appliances and related accessories as covered in this Code. These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances and the installation and operation of residential and commercial gas appliances and related accessories."
Insert Section R101.4.2	"**R101.4.2 Mechanical.** The *International Mechanical Code* shall mean

Mechanical	the *Cayman Islands Mechanical Code* as amended and 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 other energy-related systems."
Insert Section R101.4.3 *Plumbing*	"**R101.4.3 Plumbing.** The *International Plumbing Code* shall mean the *Cayman Islands Plumbing Code* as amended shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system."
Insert Section R101.4.4 *Residential*	"**R101.4.4 Residential**. Any reference to the *International Residential Code* shall mean the *Cayman Islands Residential Code* as amended. When uses are permitted to be constructed in accordance with the *International Residential Code*, such uses must comply with the provisions of this Code for that specific occupancy before exercising the option of using the *International Residential Code*."
Insert Section R101.4.5 *Electrical*	**"R101.4.5 Electrical.** Any reference to NFPA 70 or Appendix K shall mean the *National Electrical Code* as amended and adopted."
Insert Section R101.4.6 *Elevator Code*	"**R101.4.6 Elevator Code.** While the *Elevator Code* is the adopted standard, amendments based on extracts from the ASME A17.1, ASME A18.1, and Chapter 30 of the *International Building Code* shall also be referenced."
Amend Section R102.2 *Other laws*	Delete the words "local, state or federal law" and substitute the words "Cayman Islands laws or regulations".
Insert Section R102.4.1 *Amendments*	"R102.4.1 *Amendments*. Whenever amendments have been adopted for the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well."
Amend Section R102.7 *Existing Structures*	Delete the words "*International Property Maintenance Code*" and substitute the words "The *Cayman Islands Building Code*.".
Delete Section R103.1 *Creation of enforcement agency*	**"R103.1 Creation of enforcement agency.** Any reference to the "Department of Building Safety" shall mean the Department of Planning, which shall have primary responsibility for enforcement of this Code, as specified under the duties and powers of the Building Official. This code may be enforced by other code enforcement divisions in the Cayman Islands but authority shall be retained by the Director of Planning."
Amend Section R105.2 *Work exempt from*	Delete the words "or any other laws or ordinances of this jurisdiction" and substitute the words "or any Cayman Islands Laws and Regulations.".

permit	
Amend Section R105.3 *Application for a permit*	Delete the words "department of building safety" and substitute the words "Department of Planning".
Amend Section R105.3.2 *Time limit of Application*	Insert the following sentence after the word "demonstrated" - "The Building Official may also grant an extension of time, for a period of 180 days, in any case where the extension is necessary due to the occurrence of a national disaster.".
Amend Section R105.4 *Validity of a permit*	Delete the words "ordinance of the jurisdiction and ordinances of this jurisdiction" and substitute the words "laws and regulations of the Cayman Islands".
Replace Section R105.5 *Expiration of Permit*	Delete section R105.5 and substitute the following section - "**R105.5 Expiration of Permit**. Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permits suspended or abandoned for a period of 180 days after the time the work is commenced. The Building Official is authorized to grant, in writing, one or more extensions of time, for periods not more than 90 days each. The extension shall be requested in writing and justifiable cause demonstrated. Exception: An extension of time, for a further period of 180 days, may be allowed for the permit in any case where the extension is necessary due to the occurrence of a national disaster."
Amend Section 105.6 *Suspension or Revocation*	Delete the words "ordinance or regulation" and substitute the words "laws and regulations of the Cayman Islands".
Amend Section R105.7 *Placement of Permit*	Delete the words "or copy".
Amend Section R106.1 *Submittal Documents*	Delete the words "statutes of the jurisdiction in which the project is to be constructed" and substitute the words "where required by the Laws and Regulations of the Cayman Islands".
Amend Section R106.1.1 *Information on Construction Documents*	Insert the words "drawn to scale, dimensioned and" immediately before the word "drawn".
Amend Section R106.5 *Retention of construction documents*	Delete the words "code official for a period of not less than 180 days from the date of completion of the permitted work or as required by state or local laws" and substitute the words "Department of Planning as required by the Development and Planning Law (2015 Revision) and

	Development and Planning Regulations (2015 Revision)".
Insert Section R107.5 *Tents, canopies and other membrane structures*	"**R107.5 Tents, canopies and other membrane structures.** Tents, canopies and other membrane structures shall be regulated by the *International Fire Code*."
Amend Section R108.2 *Schedule Fees*	Delete the words "applicable governing authority" and substitute the words "Development and Planning Law (2015 Revision) and Development and Planning Regulations (2015 Revision) Fee Schedules.".
Delete Section R108.3 *Building Permit Valuations*	
Delete Section R108.5 *Refunds*	
Amend Section R108.6 *Work commencing before permit issuance*	Delete the words "shall be subject to a fee established by the *applicable governing authority* that shall be in addition to the required permit fees" and substitute the words "commits an offence under the Development and Planning Law (2015 Revision) or the Development and Planning Regulations (2015 Revision) and shall be subject to a fine and or after-the-fact fees as required by law".
Chapter 3	
Amend TABLE R301.2 (1)	Delete the following words - "Ground snow load"; "weathering"; "frost line depth"; "winter design temperature"; " ice barrier underlayment"; "air freezing index"; "mean annual temperature". Delete footnotes a through k to the Table and substitute the following - "a. The finish floor level should be at least five feet (5') above mean sea level, [i.e. two feet (2') above Mean sea level] or as otherwise determined by the Central Planning Authority.".
Replace Figures R301.2(2) *Seismic Design Categories Sites Class D*	Delete all Figures R301.2(2) *Seismic Design Categories Sites Class D* and substitute Figure 301.2.2(2) *Cayman Islands:Seismic Design Category* from Part 2 of the Schedule.

Delete Figure R301.2(3) *Weathering Probability Map for Concrete*	
Replace all Figures R301.2(4) *Basic Wind Speed for 50-Year Mean Recurrence Interval*	Delete all Figures R301.2(4) *Basic Wind Speed for 50-Year Mean Recurrence Interval* and footnotes and substitute Figure 301.2(4) *Cayman Islands Basic Wind Speeds for 50-Year Recurrence Interval* from Part 2 of this Schedule and the following footnotes - "For SI: 1 foot = 304.8 mm, 1 mile per hour = 0.447 m/s. a. Values are nominal design 3-second gust wind speeds in miles per hour at 33 feet above ground for Exposure C category. b. Linear interpolation between wind contours is permitted. c. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area. d. Mountainous terrain, gorges, ocean promontories and special wind regions shall be examined for unusual wind conditions.".
Delete Figure 301.2.5(5) *Ground Snow Loads, pg, for the United States*	
Replace Figure R301.2(6)*Termite Infestation Probability Map*	Delete Figure R301.2(6)*Termite Infestation Probability Map* and substitute Figure R301.2(6) *Cayman Islands Termite Infestation Probability* from Part 2 of the Schedule.
Amend Section R302.2 *Townhouses*	Delete the words "1-hour fire-resistance-rated" and substitute the words "2-hourfire resistance-rated".
Amend Section R313.1 *Townhouse automatic fire sprinkler systems*	Delete the words "be installed in townhouses" and substitute the words ", when installed in townhouses, be installed in accordance with section R313.1.1". Delete the last sentence beginning with the word "Exception".
Amend Section R313.1.1 *Design and installation*	Insert the words "NFPA 13D or" after the words "in accordance with".
Replace Section R313.2 *One-and two-family dwellings automatic fire systems*	Delete section R313.2 and substitute the following – "**R313.2 One- and two-family dwellings automatic fire systems** When installed in one- and two-family dwellings, an automatic residential fire sprinkler system shall be installed in accordance with section R313.2.1."

Amend Section R313.2.1 *Design and Installation*	Delete the words "P2904 and NFPA 13D" and substitute the words "NFPA 13D or P2904".
Amend Section R315.1 *Carbon Monoxide Alarms*	Insert the words "and Liquefied Petroleum Gas" after the word "Monoxide".
Insert Section R315.1.2 *Carbon Monoxide Alarms*	"**R315.1.2 Carbon Monoxide Alarms**. Where fuel burning appliances are located within the dwelling unit, carbon monoxide alarms complying with UL2034 shall be installed in accordance with this Code and the manufacture's installation instructions. A combination smoke/carbon monoxide alarm shall be permitted."
Insert Section R315.4 *Liquefied Petroleum Gas (LPG) Alarms*	"**R315.4 Liquefied Petroleum Gas (LPG) Alarms** LPG leak detection alarms shall be provided in all areas where fuel fired appliances are installed or where LPG supply lines are provided to the kitchen area. LPG leak detectors shall be listed as complying with UL 1484 and shall be installed in accordance with this Code and the manufacturer's installation instructions."
Delete Section R319.1 *Site Address*	
Delete Section R320 *Accessibility*	
Delete Section R321.3 *Accessibility*	
Delete Section R322.1 *General*	
Delete Section R322.1.1 *Alternative Provisions*	
Delete Section R322.1.4 *Establishing the design flood elevation*	
Delete Section R322.1.4.1 *Determination of design flood Elevations*	
Delete Section R322.2 *Flood Hazard Areas (including A zones)*	
Delete Section R322.3	

Coastal high-hazard areas (including V zones)	
Chapter 4	
Amend Section R403.1.4 *Minimum depth*	Delete the words "Sections R403.1.4.1 through" immediately after the words "conform to" and substitute the word "Section".
Delete Section R403.1.4.1 *Frost Protection*	
Chapter 5	
Replace Tables 502.3.1.(1) and (2) *Floor Joist Spans for common Lumber Species*	Delete Tables 502.3.1(1) and (2) *Floor Joist Spans for common Lumber Species* and substitute Table R502.3.1.(1) *Floor Joist Spans for Common Lumber Species* from Part 2 of the Schedule.
Chapter 8	
Replace Table R802.4.(1) *Ceiling Joist Spans for common Lumber Species*	Delete Table R802.4.(1) *Ceiling Joist Spans for common Lumber Species* and substitute Table R802.4.(1) *Ceiling Joist Spans for Common Lumber Species* from Part 2 of the Schedule.
Replace Table R802.4.(2) *Ceiling Joist Spans for common Lumber Species*	Delete Table R802.4.(2) *Ceiling Joist Spans for common Lumber Species* and substitute Table R802.4.(2) *Ceiling Joist Spans for common Lumber Species* from Part 2 of the Schedule.
Replace Table R802.5.1 (1) *Rafter Spans for Common Lumber Species*	Delete Table R802.5.1(1) *Rafter Spans for Common Lumber Species* and substitute Table R802.5.1 (1) *Rafter Spans for Common Lumber Species* from Part 2 of the Schedule.
Replace Table R802.5.1 (2) *Rafter Spans for Common Lumber Species*	Delete Table R802.5.1(2) *Rafter Spans for Common Lumber Species* and substitute Table R802.5.1 (2) *Rafter Spans for Common Lumber Species* from Part 2 of the Schedule.
Delete Tables R802.5.1 (3) to R802.5.1 (8) *Rafter Spans for Common Lumber Species - Ground Snow loads*	
Chapter 9	
Delete Section	

R905.2.7.1 *Ice barrier .*	
Delete Section R905.4.3.1 *Ice barrier*	
Delete Section R905.5.3.1 *Ice barrier*	
Delete Section R905.6.3.1 *Ice barrier*	
Delete Section R905.8.3.1 *Ice barrier*	
Chapter 11	
Delete Chapter 11 *Energy Efficiency*	
Chapter 15	
Amend Section M1502.4.4.1 *Specified Length*	Delete the words "25 feet (7620 mm)" and substitute the words "35 feet (10668 mm)".
Chapter 24	
Amend Section G2406.2(303.3) *Prohibited locations*	Insert the following at the end of the Section - "6. Liquefied Petroleum (LPG) appliances shall not be installed in unventilated spaces that would cause ponding or retention of gas.".
Chapter 34	
Delete Chapter 34 *General Requirements*	
Appendices	
Delete Appendix D *Recommended Procedure for Safety Inspection of an Existing Appliance Installation*	
Delete Appendix F *Radon Control Methods*	
Delete Appendix I *Swimming Pools, Spas and Hot Tubs*	
Delete Appendix J *Patio Covers*	
Delete Appendix K *Sound Transmission*	
Delete Appendix L *Permit Fees*	

Delete Appendix N *Venting Methods*	
Delete Appendix O *Gray Water Recycling Systems*	
Delete Appendix Q *ICC International Residential Code Electrical Provisions/ National Electrical Code Cross Reference*	

Part 2 - Attachments

RESIDENTIAL CONSTRUCTION REQUIREMENTS AND THE RELEVANT ICC 600 SECTION TABLE 1

Masonry Block Construction	**201-202**	**203**	**205**	**204**	**206-207**	**Chapter 5**	**Chapter 6**	**Chapter 7**
Insulated Concrete Form (ICF) Construction, Concrete Flat Panel Walls		**203**	**209**	**204**		**Chapter 5**	**Chapter 6**	**Chapter7**
Light-Frame Wood Construction	**301-304**	**305 & Chapter 4**	**307**			**Chapter 5**	**Chapter 6**	**Chapter 7**
Light-frame Cold-formed Steel Construction	**301-304**	**305 & Chapter 4**				**Chapter 5**	**Chapter 6**	**Chapter 7**

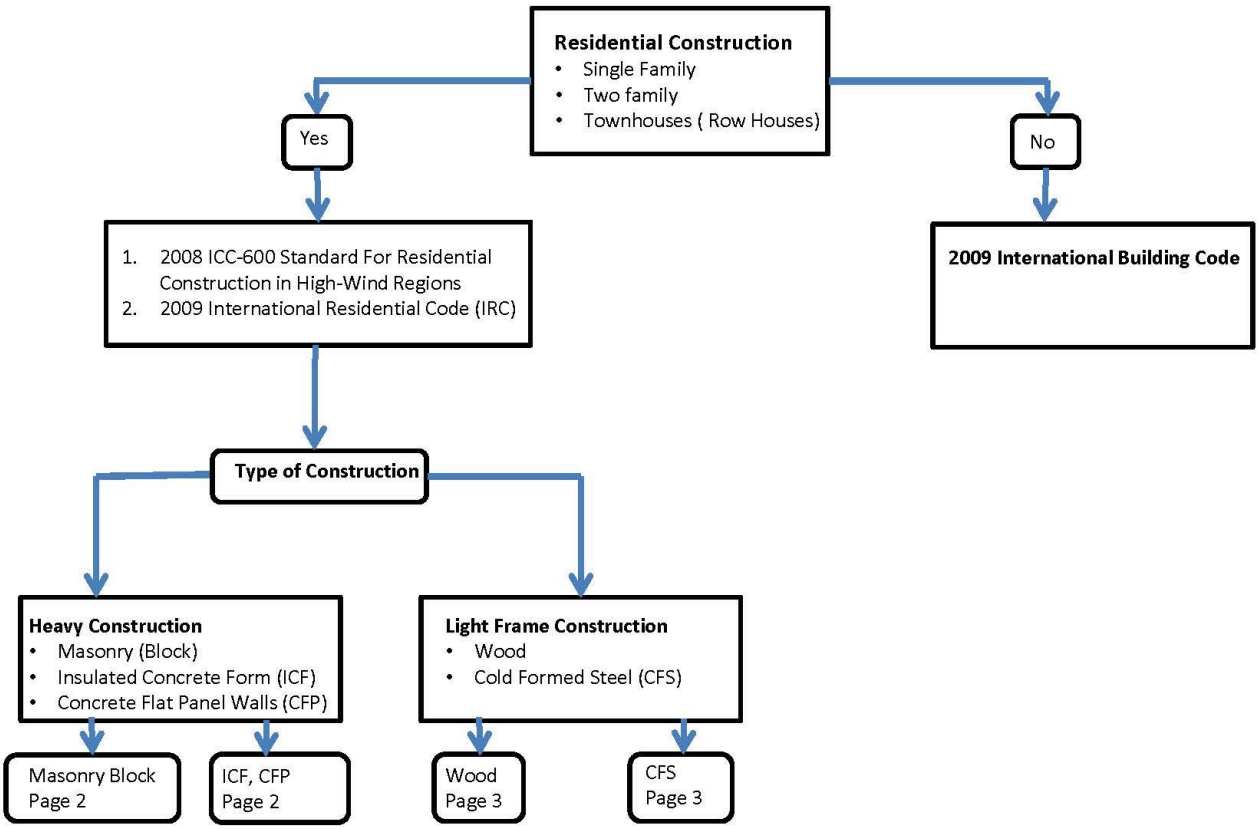
RESIDENTIAL CONSTRUCTION REQUIREMENTS AND THE RELEVANT ICC 600 SECTION TABLE 2-

	Masonry Block	**ICF and Concrete Flat Panel Walls**	**Wood**	**CFS**
Foundation	ICC-600 Sec 203	ICC-600 Sec 203	ICC-600 Sec 305 IRC Ch 4	ICC-600 Sec 305 IRC Ch 4
Wall	ICC-600 Sec 205	ICC-600 Sec 209	WFCM	AISI S230
Floor	ICC-600 Sec 204	ICC-600 Sec 204	WFCM	AISI S230
Roof	ICC-600 Sec 206/207 ICC-600 Ch 5 AF&PA Span Tables IRC Table R503.2.1.1(1) IRC Table R602.3(1) IRC Ch 8 & 9	WFCM or AISI S230 ICC-600 Ch 5 IRC Ch 9	WFCM ICC-600 Ch 5 IRC Ch 9	AISI S230 ICC-600 Ch 5 IRC Ch 9
Fenestration	ICC-600 Chapter 6	ICC-600 Chapter 6	ICC-600 Chapter 6	ICC-600 Chapter 6
Exterior Wall Covering	ICC-600 Chapter 7	ICC-600 Chapter 7	ICC-600 Chapter 7	ICC-600 Chapter 7

References:

2008 ICC- 600 Standard for Residential Construction in High-Wind Regions
2009 International Residential Code (IRC)
2001 AF&PA Wood Frame Construction Manual (WFCM)
2007 AISI S230 Standard for Cold-Formed Steel Framing – Prescriptive Method for One and Two Family Dwellings (AISI S230)
2005 AF&PA Joists and Rafters Span Tables (download gratis from awc.org)
150mph, SDC D_2 Caribbean Basin Builder's Guide based on the 2001 WFCM (download for free from awc.org)

ICC-600 Appendix C contains design checklists which may assist in determining the appropriate code reference for prescribing a given element.



Code Reference Chart for the International Residential Code

TABLE R301.2(1) **CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**				
Wind Design		Seismic Design Category[c]	Subject to Damage from Termites[a]	Flood Hazards[d]
Speed (mph)[b]	Topographic effects		Termite	
150	N/A	C	Very Heavy	Per CPA

Notes-

For SI: 1 pound per square foot = 0.0479 kPa, 1 mile per hour = 0.447 m/s.

a. See Table R301.2.1

b. See Table R301.2.1

c. See Table R301.2.1

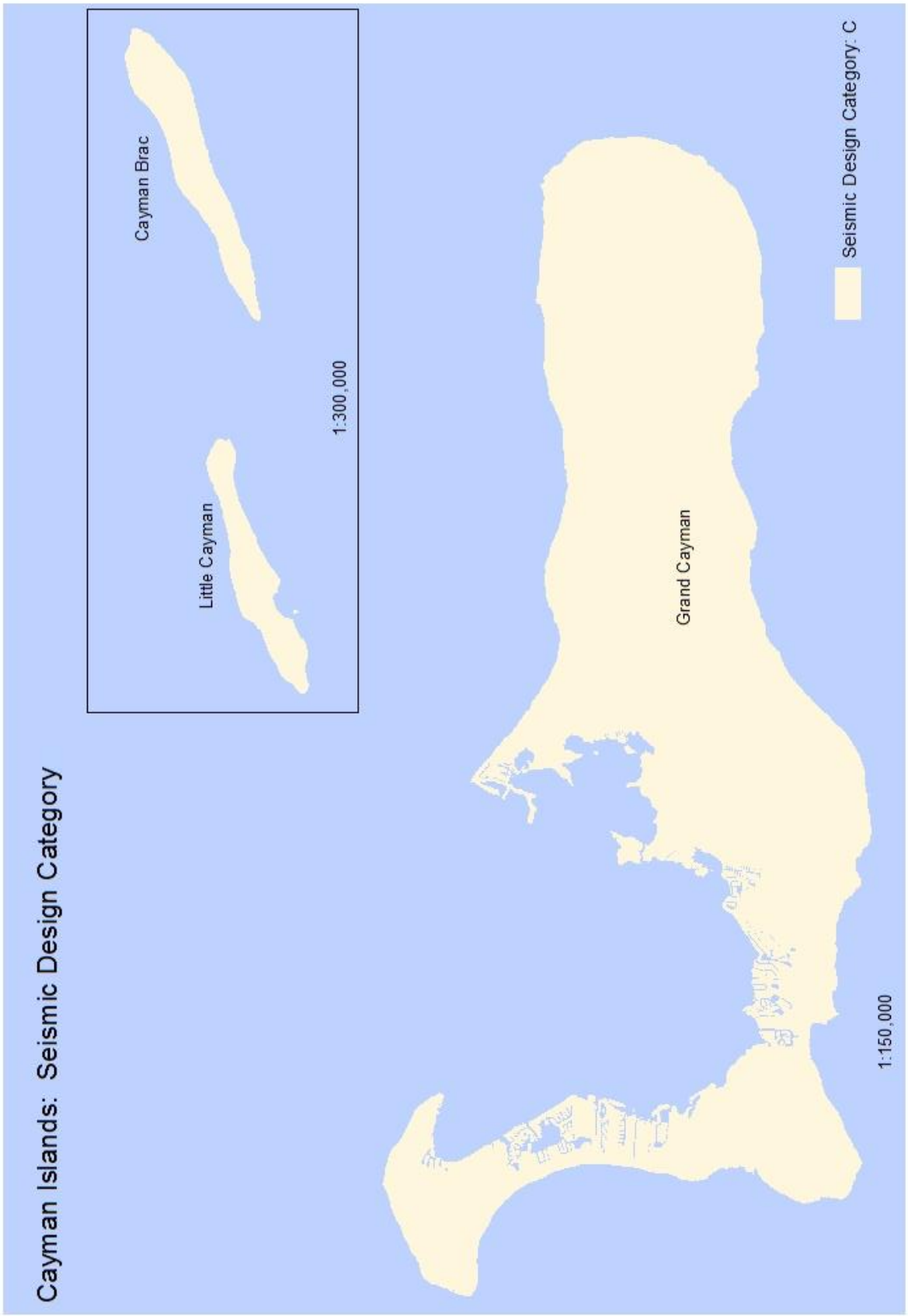


Figure R301.2(2)
2012 Cayman Islands Residential Code

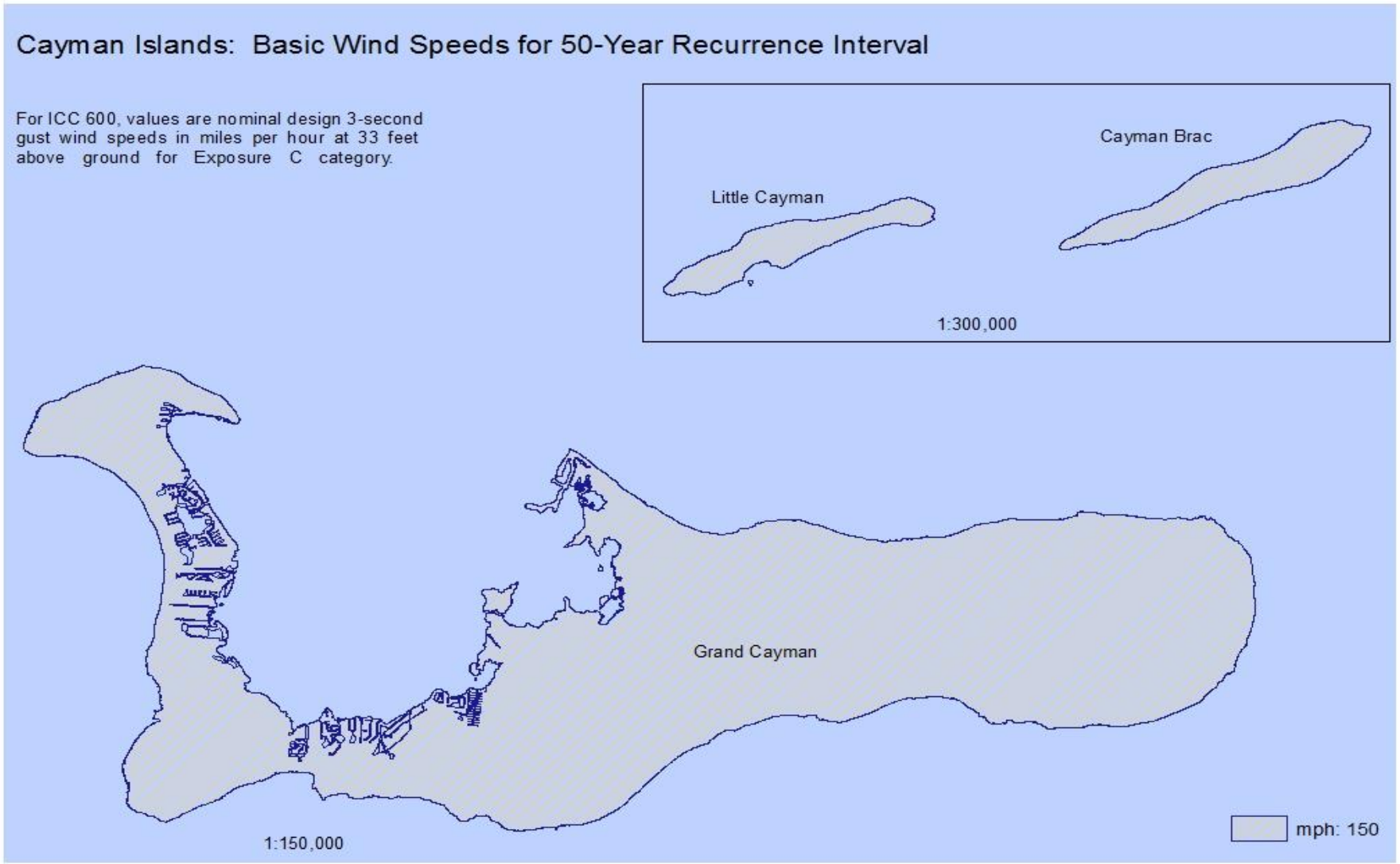


Figure R301.2(4)
2012 Cayman Islands Residential Code

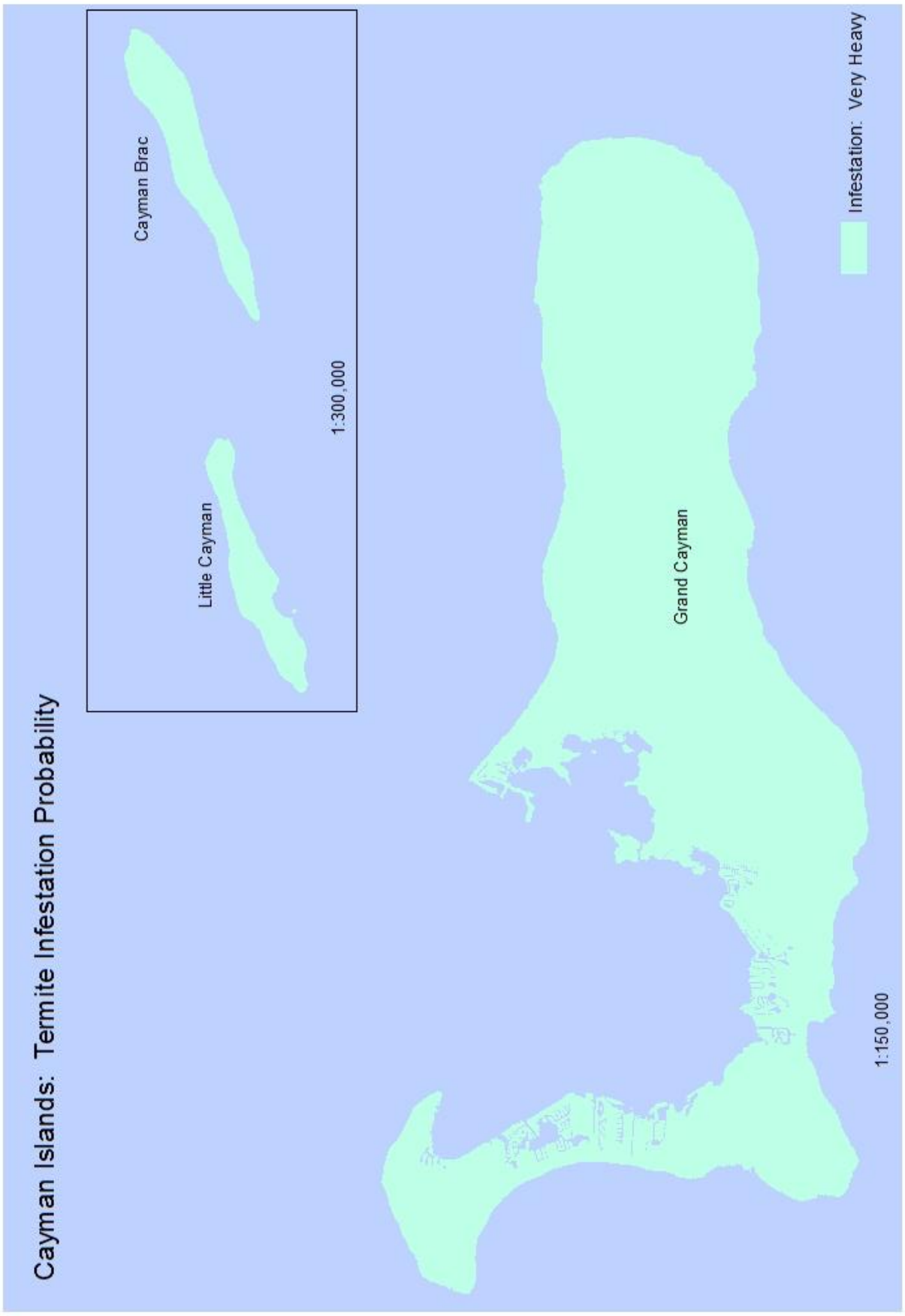


Figure R301.2(6)
2012 Cayman Islands Residential Code

TABLE R502.3.1(1)

FLOOR JOIST SPANS FOR COMMON LUMBER SPECIES

(Residential Sleeping Areas, Live Load = 30 psf, L/^ = 360)

JOIST SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 10 Dsf				DEAD LOAD = 20 Dsf			
			2x6	2x8	2x10	2x12	2x6	2x8	2x10	2x12
			Maximum floor joist spans							
			(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)
12	Douglas Fir-Larch	SS	12-6	16-6	21-0	25-7	12-6	16-6	21-0	25-7
	Douglas Fir-Larch	#1	12-0	15-10	20-3	24-8	12-0	15-7	19-0	22-0
	Douglas Fir-Larch	#2	11-10	15-7	19-10	23-0	11-6	14-7	17-9	20-7
	Douglas Fir-Larch	#3	9-8	12-4	15-0	17-5	8-8	11-0	13-5	15-7
	Hem-Fir	SS	11-10	15-7	19-10	24-2	11-10	15-7	19-10	24-2
	Hem-Fir	#1	11-7	15-3	19-5	23-7	11-7	15-2	18-6	21-6
	Hem-Fir	#2	11-0	14-6	18-6	22-6	11-0	14-4	17-6	20-4
	Hem-Fir	#3	9-8	12-4	15-0	17-5	8-8	11-0	13-5	15-7
	Southern Pine	SS	12-3	16-2	20-8	25-1	12-3	16-2	20-8	25-1
	Southern Pine	#1	11-10	15-7	19-10	24-2	11-10	15-7	18-7	22-0
	Southern Pine	#2	11-3	14-11	18-1	21-4	10-9	13-8	16-2	19-1
	Southern Pine	#3	9-2	11-6	14-0	16-6	8-2	10-3	12-6	14-9
	Spruce-Pine-Fir	SS	11-7	15-3	19-5	23-7	11-7	15-3	12-6	23-7
	Spruce-Pine-Fir	#1	11-3	14-11	19-0	23-0	11-3	14-7	17-9	20-7
	Spruce-Pine-Fir	#2	11-3	14-11	19-0	23-0	11-3	14-7	17-9	20-7
	Spruce-Pine-Fir	#3	9-8	12-4	15-0	17-5	8-8	11-0	13-5	15-7
16	Douglas Fir-Larch	SS	11-4	15-0	19-1	23-3	11-4	15-0	19-1	23-0
	Douglas Fir-Larch	#1	10-11	14-5	18-5	21-4	10-8	13-6	16-5	19-1
	Douglas Fir-Larch	#2	10-9	14-1	17-2	19-11	9-11	12-7	15-5	17-10
	Douglas Fir-Larch	#3	8-5	10-8	13-0	15-1	7-6	9-6	11-8	13-6
	Hem-Fir	SS	10-9	14-2	18-0	21-11	10-9	14-2	18-0	21-11
	Hem-Fir	#1	10-6	13-10	17-8	20-9	10-4	13-1	16-0	18-7
	Hem-Fir	#2	10-0	13-2	16-10	19-8	9-10	12-5	15-2	17-7
	Hem-Fir	#3	8-5	10-8	13-0	15-1	7-6	9-6	11-8	13-6
	Southern Pine	SS	11-2	14-8	18-9	22-10	11-2	14-8	18-9	22-10
	Southern Pine	#1	10-9	14-2	18-0	21-4	10-9	13-9	16-1	19-1
	Southern Pine	#2	10-3	13-3	15-8	18-6	9-4	11-10	14-0	16-6
	Southern Pine	#3	7-11	10-10	12-1	14-4	7-1	8-11	10-10	12-10
	Spruce-Pine-Fir	SS	10-6	13-10	17-8	21-6	10-6	13-10	17-8	21-4
	Spruce-Pine-Fir	#1	10-3	13-6	17-2	19-11	9-11	12-7	15-5	17-10
	Spruce-Pine-Fir	#2	10-3	13-6	17-2	19-11	9-11	12-7	15-5	17-10
	Spruce-Pine-Fir	#3	8-5	10-8	13-0	15-1	7-6	9-6	11-8	13-6

(continued)

TABLE R502.3.1(1)

FLOOR JOIST SPANS FOR COMMON LUMBER SPECIES

(Residential Sleeping Areas, Live Load = 30 psf, L/^ = 360)

JOIST SPACING (inches)	SPECIES AND GRADE	DEAD LOAD = 10 Dsf				DEAD LOAD = 20 Dsf			
		2x6	2x8	2x10	2x12	2x6	2x8	2x10	2x12
		Maximum floor joist spans							
		(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)	(ft. - in.)
19.2	Douglas Fi SS	10-8	14-1	18-0	21-10	10-8	14-1	18-0	21-0
	Douglas Fi #1	10-4	13-7	16-9	19-6	9-8	12-4	15-0	17-5
	Douglas Fi #2	10-1	12-10	15-8	18-3	9-1	11-6	14-1	16-3
	Douglas Fi #3	7-8	9-9	11-10	13-9	6-10	8-8	10-7	12-4
	Hem-Fir SS	10-1	13-4	17-0	20-8	10-1	13-4	17-0	20-7
	Hem-Fir #1	9-10	13-0	16-4	19-0	9-6	12-0	14-8	17-0
	Hem-Fir #2	9-5	12-5	15-6	17-1	8-11	11-4	13-10	16-1
	Hem-Fir #3	7-8	9-9	11-10	13-9	6-10	8-8	10-7	12-4
	Southern SS	10-6	13-10	17-8	21-6	10-6	13-10	17-8	21-6
	Southern #1	10-1	13-4	16-5	19-6	9-11	12-7	14-8	17-5
	Southern #2	9-6	21-1	14-4	16-10	8-6	10-10	12-10	15-1
	Southern #3	7-3	9-1	11-0	13-1	6-5	8-2	9-10	11-8
	Spruce-Pi SS	9-10	13-0	16-7	20-2	9-10	13-0	16-7	19-6
	Spruce-Pi #1	9-8	12-9	15-8	18-3	9-1	11-6	14-1	16-3
	Spruce-Pi #2	9-8	12-9	15-8	18-3	9-1	11-6	14-1	16-3
	Spruce-Pi #3	7-8	9-9	11-10	13-9	6-10	8-8	10-7	12-4
24	Douglas Fi SS	9-11	13-1	16-8	20-3	9-11	13-1	16-2	18-9
	Douglas Fi #1	9-7	12-4	15-0	17-5	8-8	11-0	13-5	15-7
	Douglas Fi #2	9-1	11-6	14-1	16-3	8-1	10-3	12-7	14-7
	Douglas Fi #3	6-10	8-8	10-7	12-4	6-2	7-9	9-6	11-0
	Hem-Fir SS	9-4	12-4	15-9	19-2	9-4	12-4	15-9	18-5
	Hem-Fir #1	9-2	12-0	14-8	17-0	8-6	10-9	13-1	15-2
	Hem-Fir #2	8-9	11-4	13-10	16-1	8-0	10-2	12-5	14-4
	Hem-Fir #3	6-10	8-8	10-7	12-4	6-2	7-9	9-6	11-0
	Southern SS	9-9	12-10	16-5	19-11	9-9	12-10	16-5	19-8
	Southern #1	9-4	12-4	14-8	17-5	8-10	11-3	13-1	15-7
	Southern #2	8-6	10-10	12-10	15-1	7-7	9-8	11-5	13-6
	Southern #3	6-5	8-2	9-10	11-8	5-9	7-3	8-10	10-5
	Spruce-Pi SS	9-2	12-1	15-5	18-9	9-2	12-1	15-0	17-5
	Spruce-Pi #1	8-11	11-6	14-1	16-3	8-1	10-3	12-7	14-7
	Spruce-Pi #2	8-11	11-6	14-1	16-3	8-1	10-3	12-7	14-7
	Spruce-Pi #3	6-10	8-8	10-7	12-4	6-2	7-9	9-6	11-0

Check sources for availability of lumber in lengths greater than 20 feet

for SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 47.8 N/m^2

TABLE R802.4(1)
CEILING JOIST SPANS FOR COMMON LUMBER SPECIES
(Uninhabitable attics without storage, live load = 10 psf, L/Δ = 240)

CEILING JOIST SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 5 psf			
			2 × 4	2 × 6	2 × 8	2 × 10
			Maximum ceiling joist spans			
			(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)
12	Douglas fir-larch	SS	13-2	20-8	Note a	Note a
	Douglas fir-larch	#1	12-8	19-11	Note a	Note a
	Douglas fir-larch	#2	12-5	19-6	25-8	Note a
	Douglas fir-larch	#3	10-10	15-10	20-1	24-6
	Hem-fir	SS	12-5	19-6	25-8	Note a
	Hem-fir	#1	12-2	19-1	25-2	Note a
	Hem-fir	#2	11-7	18-2	24-0	Note a
	Hem-fir	#3	10-10	15-10	20-1	24-6
	Southern pine	SS	12-11	20-3	Note a	Note a
	Southern pine	#1	12-8	19-11	Note a	Note a
	Southern pine	#2	**11-10**	19-6	25-8	Note a
	Southern pine	#3	11-6	17-0	21-8	25-7
	Spruce-pine-fir	SS	12-2	19-1	25-2	Note a
	Spruce-pine-fir	#1	11-10	18-8	24-7	Note a
	Spruce-pine-fir	#2	11-10	18-8	24-7	Note a
	Spruce-pine-fir	#3	10-10	15-10	20-1	24-6
16	Douglas fir-larch	SS	11-11	18-9	24-8	Note a
	Douglas fir-larch	#1	11-6	18-1	23-10	Note a
	Douglas fir-larch	#2	11-3	17-8	23-0	Note a
	Douglas fir-larch	#3	9-5	13-9	17-5	21-3
	Hem-fir	SS	11-3	17-8	23-4	Note a
	Hem-fir	#1	11-0	17-4	22-10	Note a
	Hem-fir	#2	10-6	16-6	21-9	Note a
	Hem-fir	#3	9-5	13-9	17-5	21-3
	Southern pine	SS	11-9	18-5	24-3	Note a
	Southern pine	#1	11-6	18-1	23-1	Note a
	Southern pine	#2	**10-9**	17-8	23-4	Note a
	Southern pine	#3	10-0	14-9	18-9	22-2
	Spruce-pine-fir	SS	11-0	17-4	22-10	Note a
	Spruce-pine-fir	#1	10-9	16-11	22-4	Note a
	Spruce-pine-fir	#2	10-9	16-11	22-4	Note a
	Spruce-pine-fir	#3	9-5	13-9	17-5	21-3

(continued)

TABLE R802.4(1)—continued
CEILING JOIST SPANS FOR COMMON LUMBER SPECIES
(Uninhabitable attics without storage, live load = 10 psf, L/Δ = 240)

CEILING JOIST SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 5 psf			
			2 × 4	2 × 6	2 × 8	2 × 10
			Maximum ceiling joist spans			
			(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)
19.2	Douglas fir-larch	SS	11-3	17-8	23-3	Note a
	Douglas fir-larch	#1	10-10	17-0	22-5	Note a
	Douglas fir-larch	#2	10-7	16-7	21-0	25-8
	Douglas fir-larch	#3	8-7	12-6	15-10	19-5
	Hem-fir	SS	10-7	16-8	21-11	Note a
	Hem-fir	#1	10-4	16-4	21-6	Note a
	Hem-fir	#2	9-11	15-7	20-6	25-3
	Hem-fir	#3	8-7	12-6	15-10	19-5
	Southern -pine	SS	11-0	17-4	22-10	Note a
	Southern pine	#1	10-10	17-0	22-5	Note a
	Southern pine	#2	**10-2**	16-8	21-11	Note a
	Southern pine	#3	9-1	13-6	17-2	20-3
	Spruce-pine-fir	SS	10-4	16-4	21-6	Note a
	Spruce-pine-fir	#1	10-2	15-11	21-0	25-8
	Spruce-pine-fir	#2	10-2	15-11	21-0	25-8
	Spruce-pine-fir	#3	8-7	12-6	15-10	19-5
24	Douglas fir-larch	SS	10-5	16-4	21-7	Note a
	Douglas fir-larch	#1	10-0	15-9	20-1	24-6
	Douglas fir-larch	#2	9-10	14-10	18-9	22-11
	Douglas fir-larch	#3	7-8	11-2	14-2	17-4
	Hem-fir	SS	9-10	15-6	20-5	Note a
	Hem-fir	#1	9-8	15-2	19-7	23-11
	Hem-fir	#2	9-2	14-5	18-6	22-7
	Hem-fir	#3	7-8	11-2	14-2	17-4
	Southern pine	SS	10-3	16-1	21-2	Note a
	Southern pine	#1	10-0	15-9	20-10	Note a
	Southern pine	#2	**9-5**	15-6	20-1	23-11
	Southern pine	#3	8-2	12-0	15-4	18-1
	Spruce-pine-fir	SS	9-8	15-2	19-11	25-5
	Spruce-pine-fir	#1	9-5	14-9	18-9	22-11
	Spruce-pine-fir	#2	9-5	14-9	18-9	22-11
	Spruce-pine-fir	#3	7-8	11-2	14-2	17-4

Check sources for availability of lumber in lengths greater than 20 feet.
For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479kPa.
a. Span exceeds 26 feet in length.

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TABLE R802.4(2)
CEILING JOIST SPANS FOR COMMON LUMBER SPECIES
(Uninhabitable attics with limited storage, live load = 20 psf, L/Δ = 240)

CEILING JOIST SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 10 psf			
			2 × 4	2 × 6	2 × 8	2 × 10
			Maximum ceiling joist spans			
			(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)
12	Douglas fir-larch	SS	10-5	16-4	21-7	Note a
	Douglas fir-larch	#1	10-0	15-9	20-1	24-6
	Douglas fir-larch	#2	9-10	14-10	18-9	22-11
	Douglas fir-larch	#3	7-8	11-2	14-2	17-4
	Hem-fir	SS	9-10	15-6	20-5	Note a
	Hem-fir	#1	9-8	15-2	19-7	23-11
	Hem-fir	#2	9-2	14-5	18-6	22-7
	Hem-fir	#3	7-8	11-2	14-2	17-4
	Southern pine	SS	10-3	16-1	21-2	Note a
	Southern pine	#1	10-0	15-9	20-10	Note a
	Southern pine	#2	**9-5**	15-6	20-1	23-11
	Southern pine	#3	8-2	12-0	15-4	18-1
	Spruce-pine-fir	SS	9-8	15-2	19-11	25-5
	Spruce-pine-fir	#1	9-5	14-9	18-9	22-11
	Spruce-pine-fir	#2	9-5	14-9	18-9	22-11
	Spruce-pine-fir	#3	7-8	11-2	14-2	17-4
16	Douglas fir-larch	SS	9-6	14-11	19-7	25-0
	Douglas fir-larch	#1	9-1	13-9	17-5	21-3
	Douglas fir-larch	#2	8-9	12-10	16-3	19-10
	Douglas fir-larch	#3	6-8	9-8	12-4	15-0
	Hem-fir	SS	8-11	14-1	18-6	23-8
	Hem-fir	#1	8-9	13-5	16-10	20-8
	Hem-fir	#2	8-4	12-8	16-0	19-7
	Hem-fir	#3	6-8	9-8	12-4	15-0
	Southern pine	SS	9-4	14-7	19-3	24-7
	Southern pine	#1	9-1	14-4	18-11	23-1
	Southern pine	#2	**8-7**	13-6	17-5	20-9
	Southern pine	#3	7-1	10-5	13-3	15-8
	Spruce-pine-fir	SS	8-9	13-9	18-1	23-1
	Spruce-pine-fir	#1	8-7	12-10	16-3	19-10
	Spruce-pine-fir	#2	8-7	12-10	16-3	19-10
	Spruce-pine-fir	#3	6-8	9-8	12-4	15-0

(continued)

TABLE R802.4(2)—continued
CEILING JOIST SPANS FOR COMMON LUMBER SPECIES
(Uninhabitable attics with limited storage, live load = 20 psf, L/Δ = 240)

CEILING JOIST SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 10 psf			
			2 × 4	2 × 6	2 × 8	2 × 10
			Maximum ceiling joist spans			
			(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)
19.2	Douglas fir-larch	SS	8-11	14-0	18-5	23-4
	Douglas fir-larch	#1	8-7	12-6	15-10	19-5
	Douglas fir-larch	#2	8-0	11-9	14-10	18-2
	Douglas fir-larch	#3	6-1	8-10	11-3	13-8
	Hem-fir	SS	8-5	13-3	17-5	22-3
	Hem-fir	#1	8-3	12-3	15-6	18-11
	Hem-fir	#2	7-10	11-7	14-8	17-10
	Hem-fir	#3	6-1	8-10	11-3	13-8
	Southern pine	SS	8-9	13-9	18-1	23-1
	Southern pine	#1	8-7	13-6	17-9	21-1
	Southern pine	#2	**8-1**	12-3	15-10	18-11
	Southern pine	#3	6-5	9-6	12-1	14-4
	Spruce-pine-fir	SS	8-3	12-11	17-1	21-8
	Spruce-pine-fir	#1	8-0	11-9	14-10	18-2
	Spruce-pine-fir	#2	8-0	11-9	14-10	18-2
	Spruce-pine-fir	#3	6-1	8-10	11-3	13-8
24	Douglas fir-larch	SS	8-3	13-0	17-1	20-11
	Douglas fir-larch	#1	7-8	11-2	14-2	17-4
	Douglas fir-larch	#2	7-2	10-6	13-3	16-3
	Douglas fir-larch	#3	5-5	7-11	10-0	12-3
	Hem-fir	SS	7-10	12-3	16-2	20-6
	Hem-fir	#1	7-6	10-11	13-10	16-11
	Hem-fir	#2	7-1	10-4	13-1	16-0
	Hem-fir	#3	5-5	7-11	10-0	12-3
	Southern pine	SS	8-1	12-9	16-10	21-6
	Southern pine	#1	8-0	12-6	15-10	18-10
	Southern pine	#2	**7-6**	11-0	14-2	16-11
	Southern pine	#3	5-9	8-6	10-10	12-10
	Spruce-pine-fir	SS	7-8	12-0	15-10	19-5
	Spruce-pine-fir	#1	7-2	10-6	13-3	16-3
	Spruce-pine-fir	#2	7-2	10-6	13-3	16-3
	Spruce-pine-fir	#3	5-5	7-11	10-0	12-3

Check sources for availability of lumber in lengths greater than 20 feet.
For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479kPa.
a. Span exceeds 26 feet in length.

TABLE R802.5.1(1)
RAFTER SPANS FOR COMMON LUMBER SPECIES
(Roof live load=20 psf, ceiling not attached to rafters, L/Δ = 180)

RAFTER SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 10 psf					DEAD LOAD = 20 psf				
			2 × 4	2 × 6	2 × 8	2 × 10	2 × 12	2 × 4	2 × 6	2 × 8	2 × 10	2 × 12
			Maximum rafter spans[a]									
			(feet - inches)	(feet - inches	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)
12	Douglasfir-larch	SS	11-6	18-0	23-9	Note b	Note b	11-6	18-0	23-5	Note b	Note b
	Douglasfir-larch	#1	11-1	17-4	22-5	Note b	Note b	10-6	15-4	19-5	23-9	Note b
	Douglasfir-larch	#2	10-10	16-7	21-0	25-8	Note b	9-10	14-4	18-2	22-3	25-9
	Douglasfir-larch	#3	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
	Hem-fir	SS	10-10	17-0	22-5	Note b	Note b	10-10	17-0	22-5	Note b	Note b
	Hem-fir	#1	10 -7	16-8	21-10	Note b	Note b	10-3	14-11	18-11	23-2	Note b
	Hem-fir	#2	10-1	15-11	20-8	25-3	Note b	9-8	14-2	17-11	21-11	25-5
	Hem-fir	#3	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
	Southern pine	SS	11-3	17-8	23-4	Note b	Note b	11-3	17-8	23-4	Note b	Note b
	Southern pine	#1	11-1	17-4	22-11	Note b	Note b	**10-5**	**15-6**	**19-5**	**23-2**	Note b
	Southern pine	#2	**9-0**	**15-4**	**20-3**	**23-11**	Note b	**7-10**	**13-3**	**17-6**	**20-8**	Note b
	Southern pine	#3	**8-3**	**12-0**	**15-3**	**18-3**	24-1	**7-2**	**10-4**	**13-3**	**15-10**	20-11
	Spruce-pine-fir	SS	10-7	16-8	21-11	Note b	Note b	10-7	16-8	21-9	Note b	Note b
	Spruce-pine-fir	#1	10-4	16-3	21-0	25-8	Note b	9-10	14-4	18-2	22-3	25-9
	Spruce-pine-fir	#2	10-4	16-3	21-0	25-8	Note b	9-10	14-4	18-2	22-3	25-9
	Spruce-pine-fir	#3	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
16	Douglasfir-larch	SS	10-5	16-4	21-7	Note b	Note b	10-5	16-0	20-3	24-9	Note b
	Douglasfir-larch	#1	10-0	15-4	19-5	23-9	Note b	9-1	13-3	16-10	20-7	23-10
	Douglasfir-larch	#2	9-10	14-4	18-2	22-3	25-9	8-6	12-5	15-9	19-3	22-4
	Douglasfir-larch	#3	7-5	10-10	13-9	16-9	19-6	6-5	9-5	11-11	14-6	16-10
	Hem-fir	SS	9-10	15-6	20-5	Note b	Note b	9-10	15-6	19-11	24-4	Note b
	Hem-fir	#1	9-8	14-11	18-11	23-2	Note b	8-10	12-11	16-5	20-0	23-3
	Hem-fir	#2	9-2	14-2	17-11	21-11	25-5	8-5	12-3	15-6	18-11	22-0
	Hem-fir	#3	7-5	10-10	13-9	16-9	19-6	6-5	9-5	11-11	14-6	16-10
	Southern pine	SS	10-3	16-1	21-2	Note b	Note b	10-3	16-1	**20-0**	**25-1**	Note b
	Southern pine	#1	10-0	15-9	**19-5**	**23-2**	Note b	**9-0**	**13-5**	**16-10**	**20-0**	Note b
	Southern pine	#2	**7-10**	**13-3**	**17-6**	**20-8**	Note b	**6-9**	**11-6**	**15-2**	**17-11**	**22-10**
	Southern pine	#3	**7-2**	**10-4**	**13-3**	**15-10**	20-11	**6-2**	**9-0**	**11-6**	**13-8**	18-1
	Spruce-pine-fir	SS	9-8	15-2	19-11	25-5	Note b	9-8	14-10	18-10	23-0	Note b
	Spruce-pine-fir	#1	9-5	14-4	18-2	22-3	25-9	8-6	12-5	15-9	19-3	22-4
	Spruce-pine-fir	#2	9-5	14-4	18-2	22-3	25-9	8-6	12-5	15-9	19-3	22-4
	Spruce-pine-fir	#3	7-5	10-10	13-9	16-9	19-6	6-5	9-5	11-11	14-6	16-10
19.2	Douglasfir-larch	SS	9-10	15-5	20-4	25-11	Note b	9-10	14-7	18-6	22-7	Note b
	Douglasfir-larch	#1	9-5	14-0	17-9	21-8	25-2	8-4	12-2	15-4	18-9	21-9
	Douglasfir-larch	#2	8-11	13-1	16-7	20-3	23-6	7-9	11-4	14-4	17-7	20-4
	Douglasfir-larch	#3	6-9	9-11	12-7	15-4	17-9	5-10	8-7	10-10	13-3	15-5
	Hem-fir	SS	9-3	14-7	19-2	24-6	Note b	9-3	14-4	18-2	22-3	25-9
	Hem-fir	#1	9-1	13-8	17-4	21-1	24-6	8-1	11-10	15-0	18-4	21-3
	Hem-fir	#2	8-8	12-11	16-4	20-0	23-2	7-8	11-2	14-2	17-4	20-1
	Hem-fir	#3	6-9	9-11	12-7	15-4	17-9	5-10	8-7	10-10	13-3	15-5
	Southern pine	SS	9-8	15-2	19-11	25-5	Note b	9-8	15-2	**19-0**	**22-11**	Note b
	Southern pine	#1	9-5	**14-2**	**17-9**	**21-1**	Note b	**8-3**	**12-3**	**15-4**	**18-3**	24-4
	Southern pine	#2	**7-2**	**12-2**	**16-0**	**18-11**	**22-2**	**6-2**	**10-6**	**13-10**	**16-4**	21-6
	Southern pine	#3	**6-6**	**9-6**	**12-1**	**14-5**	19-1	**5-8**	**8-2**	**10-6**	**12-6**	16-6
	Spruce-pine-fir	SS	9-1	14-3	18-9	23-11	Note b	9-1	13-7	17-2	21-0	24-4
	Spruce-pine-fir	#1	8-10	13-1	16-7	20-3	23-6	7-9	11-4	14-4	17-7	20-4
	Spruce-pine-fir	#2	8-10	13-1	16-7	20-3	23-6	7-9	11-4	14-4	17-7	20-4
	Spruce-pine-fir	#3	6-9	9-11	12-7	15-4	17-9	5-10	8-7	10-10	13-3	15-5

(continued)

TABLE R802.5.1(1)—continued
RAFTER SPANS FOR COMMON LUMBER SPECIES
(Roof live load=20 psf, ceiling not attached to rafters, L/Δ = 180)

RAFTER SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 10 psf					DEAD LOAD = 20 psf				
			2 × 4	2 × 6	2 × 8	2 × 10	2 × 12	2 × 4	2 × 6	2 × 8	2 × 10	2 × 12
			a Maximum rafter spans									
			(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)
24	Douglasfir-larch	SS	9-1	14-4	18-10	23-4	Note b	8-11	13-1	16-7	20-3	23-5
	Douglasfir-larch	#1	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
	Douglasfir-larch	#2	8-0	11-9	14-10	18-2	21-0	6-11	10-2	12-10	15-8	18-3
	Douglasfir-larch	#3	6-1	8-10	11-3	13-8	15-11	5-3	7-8	9-9	11-10	13-9
	Hem-fir	SS	8-7	13-6	17-10	22-9	Note b	8-7	12-10	16-3	19-10	23-0
	Hem-fir	#1	8-4	12-3	15-6	18-11	21-11	7-3	10-7	13-5	16-4	19-0
	Hem-fir	#2	7-11	11-7	14-8	17-10	20-9	6-10	10-0	12-8	15-6	17-11
	Hem-fir	#3	6-1	8-10	11-3	13-8	15-11	5-3	7-8	9-9	11-10	13-9
	Southern pine	SS	8-11	14-1	18-6	23-8	Note b	8-11	**13-7**	**17-0**	**20-5**	Note b
	Southern pine	#1	8-9	13-9	17-9	21-1	25-2	**7-4**	**10-11**	**13-8**	**16-4**	21-9
	Southern pine	#2	**6-5**	**10-10**	**14-4**	**16-11**	**19-10**	**5-6**	**9-5**	**12-5**	**14-8**	19-3
	Southern pine	#3	**5-10**	**8-5**	**10-10**	**12-11**	17-1	**5-1**	**7-4**	**9-4**	**11-2**	14-9
	Spruce-pine-fir	SS	8-5	13-3	17-5	21-8	25-2	8-4	12-2	15-4	18-9	21-9
	Spruce-pine-fir	#1	8-0	11-9	14-10	18-2	21-0	6-11	10-2	12-10	15-8	18-3
	Spruce-pine-fir	#2	8-0	11-9	14-10	18-2	21-0	6-11	10-2	12-10	15-8	18-3
	Spruce-pine-fir	#3	6-1	8-10	11-3	13-8	15-11	5-3	7-8	9-9	11-10	13-9

Check sources for availability of lumber in lengths greater than 20 feet.
For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479 kPa.

a. The tabulated rafter spans assume that ceiling joists are located at the bottom of the attic space or that some other method of resisting the outward push of the rafters on the bearing walls, such as rafter ties, is provided at that location. When ceiling joists or rafter ties are located higher in the attic space, the rafter spans shall be multiplied by the factors given below:

See footnotes 1 - 3

TABLE R802.5.1(2)
RAFTER SPANS FOR COMMON LUMBER SPECIES
(Roof live load=20 psf, ceiling attached to rafters, L/Δ = 240)

RAFTER SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 10 psf					DEAD LOAD = 20 psf				
			2 × 4	2 × 6	2 × 8	2 × 10	2 × 12	2 × 4	2 × 6	2 × 8	2 × 10	2 × 12
			Maximum rafter spans[a]									
			(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)
12	Douglasfir-larch	SS	10-5	16-4	21-7	Note b	Note b	10-5	16-4	21-7	Note b	Note b
	Douglasfir-larch	#1	10-0	15-9	20-10	Note b	Note b	10-0	15-4	19-5	23-9	Note b
	Douglasfir-larch	#2	9-10	15-6	20-5	25-8	Note b	9-10	14-4	18-2	22-3	25-9
	Douglasfir-larch	#3	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
	Hem-fir	SS	9-10	15-6	20-5	Note b	Note b	9-10	15-6	20-5	Note b	Note b
	Hem-fir	#1	9-8	15-2	19-11	25-5	Note b	9-8	14-11	18-11	23-2	Note b
	Hem-fir	#2	9-2	14-5	19-0	24-3	Note b	9-2	14-2	17-11	21-11	25-5
	Hem-fir	#3	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
	Southern pine	SS	10-3	16-1	21-2	Note b	Note b	10-3	16-1	21-2	Note b	Note b
	Southern pine	#1	10-0	15-9	20-10	Note b	Note b	10-0	**15-6**	**19-5**	**23-2**	Note b
	Southern pine	#2	**9-5**	**15-4**	**20-3**	**23-11**	Note b	**8-9**	**13-3**	**17-6**	**20-8**	**24-1**
	Southern pine	#3	9-1	**12-0**	**15-3**	**18-3**	24-1	7-11	**10-4**	**13-3**	**15-10**	**18-7**
	Spruce-pine-fir	SS	9-8	15-2	19-11	25-5	Note b	9-8	15-2	19-11	25-5	Note b
	Spruce-pine-fir	#1	9-5	14-9	19-6	24-10	Note b	9-5	14-4	18-2	22-3	25-9
	Spruce-pine-fir	#2	9-5	14-9	19-6	24-10	Note b	9-5	14-4	18-2	22-3	25-9
	Spruce-pine-fir	#3	8-7	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
16	Douglasfir-larch	SS	9-6	14-11	19-7	25-0	Note b	9-6	14-11	19-7	24-9	Note b
	Douglasfir-larch	#1	9-1	14-4	18-11	23-9	Note b	9-1	13-3	16-10	20-7	23-10
	Douglasfir-larch	#2	8-11	14-1	18-2	22-3	25-9	8-6	12-5	15-9	19-3	22-4
	Douglasfir-larch	#3	7-5	10-10	13-9	16-9	19-6	6-5	9-5	11-11	14-6	16-10
	Hem-fir	SS	8-11	14-1	18-6	23-8	Note b	8-11	14-1	18-6	23-8	Note b
	Hem-fir	#1	8-9	13-9	18-1	23-1	Note b	8-9	12-11	16-5	20-0	23-3
	Hem-fir	#2	8-4	13-1	17-3	21-11	25-5	8-4	12-3	15-6	18-11	22-0
	Hem-fir	#3	7-5	10-10	13-9	16-9	19-6	6-5	9-5	11-11	14-6	16-10
	Southern pine	SS	9-4	14-7	19-3	24-7	Note b	9-4	14-7	19-3	24-7	Note b
	Southern pine	#1	9-1	14-4	18-11	24-1	Note b	9-1	**13-6**	**16-9**	**20-0**	**23-9**
	Southern pine	#2	**8-7**	**13-3**	**17-6**	**20-8**	**24-1**	**7-7**	**11-6**	**15-2**	**17-11**	**20-10**
	Southern pine	#3	7-11	**10-4**	**13-3**	**15-10**	**18-6**	6-10	**9-0**	**11-6**	**13-8**	**16-2**
	Spruce-pine-fir	SS	8-9	13-9	18-1	23-1	Note b	8-9	13-9	18-1	23-0	Note b
	Spruce-pine-fir	#1	8-7	13-5	17-9	22-3	25-9	8-6	12-5	15-9	19-3	22-4
	Spruce-pine-fir	#2	8-7	13-5	17-9	22-3	25-9	8-6	12-5	15-9	19-3	22-4
	Spruce-pine-fir	#3	7-5	10-10	13-9	16-9	19-6	6-5	9-5	11-11	14-6	16-10
19.2	Douglasfir-larch	SS	8-11	14-0	18-5	23-7	Note b	8-11	14-0	18-5	22-7	Note b
	Douglasfir-larch	#1	8-7	13-6	17-9	21-8	25-2	8-4	12-2	15-4	18-9	21-9
	Douglasfir-larch	#2	8-5	13-1	16-7	20-3	23-6	7-9	11-4	14-4	17-7	20-4
	Douglasfir-larch	#3	6-9	9-11	12-7	15-4	17-9	5-10	8-7	10-10	13-3	15-5
	Hem-fir	SS	8-5	13-3	17-5	22-3	Note b	8-5	13-3	17-5	22-3	25-9
	Hem-fir	#1	8-3	12-11	17-1	21-1	24-6	8-1	11-10	15-0	18-4	21-3
	Hem-fir	#2	7-10	12-4	16-3	20-0	23-2	7-8	11-2	14-2	17-4	20-1
	Hem-fir	#3	6-9	9-11	12-7	15-4	17-9	5-10	8-7	10-10	13-3	15-5

(continued)

TABLE R802.5.1(2)—continued
RAFTER SPANS FOR COMMON LUMBER SPECIES
(Roof live load=20 psf, ceiling attached to rafters, L/Δ = 240)

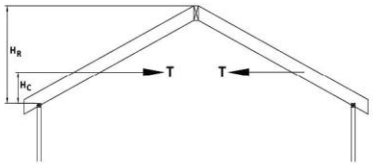
RAFTER SPACING (inches)	SPECIES AND GRADE		DEAD LOAD = 10 psf					DEAD LOAD = 20 psf				
			2 × 4	2 × 6	2 × 8	2 × 10	2 × 12	2 × 4	2 × 6	2 × 8	2 × 10	2 × 12
			Maximum rafter spans[a]									
			(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)	(feet - inches)
19.2	Southern pine	SS	8-9	13-9	18-1	23-1	Note b	8-9	13-9	18-1	23-1	Note b
	Southern pine	#1	8-7	13-6	17-9	**21-1**	**25-0**	8-7	**12-4**	**15-3**	**18-3**	**21-0**
	Southern pine	#2	**8-0**	**12-2**	**16-0**	**18-11**	**22-0**	**6-11**	**10-6**	**13-10**	**16-4**	**19-0**
	Southern pine	#3	7-3	**9-6**	**12-1**	**14-5**	**17-0**	6-3	**8-2**	**10-6**	**12-6**	**14-8**
	Spruce-pine-fir	SS	8-3	12-11	17-1	21-9	Note b	8-3	12-11	17-1	21-0	24-4
	Spruce-pine-fir	#1	8-1	12-8	16-7	20-3	23-6	7-9	11-4	14-4	17-7	20-4
	Spruce-pine-fir	#2	8-1	12-8	16-7	20-3	23-6	7-9	11-4	14-4	17-7	20-4
	Spruce-pine-fir	#3	6-9	9-11	12-7	15-4	17-9	5-10	8-7	10-10	13-3	15-5
24	Douglasfir-larch	SS	8-3	13-0	17-2	2 1-10	Note b	8-3	13-0	16-7	20-3	23-5
	Douglasfir-larch	#1	8-0	12-6	15-10	19-5	22-6	7-5	10-10	13-9	16-9	19-6
	Douglasfir-larch	#2	7-10	11-9	14-10	18-2	21-0	6-11	10-2	12-10	15-8	18-3
	Douglasfir-larch	#3	6-1	8-10	11-3	13-8	15-11	5-3	7-8	9-9	11-10	13-9
	Hem-fir	SS	7-10	12-3	16-2	20-8	25-1	7-10	12-3	16-2	19-10	23-0
	Hem-fir	#1	7-8	12-0	15-6	18-11	21-11	7-3	10-7	13-5	16-4	19-0
	Hem-fir	#2	7-3	11-5	14-8	17-10	20-9	6-10	10-0	12-8	15-6	17-11
	Hem-fir	#3	6-1	8-10	11-3	13-8	15-11	5-3	7-8	9-9	11-10	13-9
	Southern pine	SS	8-1	12-9	16-10	21-6	Note b	8-1	12-9	16-10	**20-5**	**24-1**
	Southern pine	#1	8-0	12-6	**15-10**	**18-11**	**22-4**	8-0	**10-11**	**13-9**	**16-4**	**19-7**
	Southern pine	#2	**7-2**	**10-10**	**14-4**	**16-11**	**19-8**	**6-2**	**9-5**	**12-5**	**14-8**	**17-0**
	Southern pine	#3	6-5	**8-4**	**10-10**	**12-11**	**15-2**	5-7	**7-3**	**9-3**	**11-2**	**13-1**
	Spruce-pine-fir	SS	7-8	12-0	15-10	20-2	24-7	7-8	12-0	15-4	18-9	21-9
	Spruce-pine-fir	#1	7-6	11-9	14-10	18-2	21-0	6-11	10-2	12-10	15-8	18-3
	Spruce-pine-fir	#2	7-6	11-9	14-10	18-2	21-0	6-11	10-2	12-10	15-8	18-3
	Spruce-pine-fir	#3	6-1	8-10	11-3	13-8	15-11	5-3	7-8	9-9	11-10	13-9

Check sources for availability of lumber in lengths greater than 20 feet.

See footnotes 1 -3

Footnotes to Tables R802.5.1(1) and R802.5.1(2)

1 Tabulated rafter spans assume ceiling joists or rafter ties are located at the bottom of the attic space to resist thrust. When ceiling joists or rafter ties are located higher in the attic space, the rafter spans shall be multiplied by the factors given in the following table:



Ceiling Height/Roof Ridge Height (HC/HR)	Rafter Span Adjustment Factors
1/2	0.58
1/3	0.67
1/4	0.76
1/5	0.83
1/6	0.90
1/7.5 and less	1.00

Note: Lateral deflection of the rafter below the rafter ties may exceed ¾ inch when rafter ties are located above one-third of the ridge height, HR or when HC is greater than 2 feet and may require additional consideration.

2 Tabulated rafter spans are based on roof dead and live loads for Exposure C, rafter span adjustments shall be multiplied by 0.8.

Three Second Gust Wind Speed (mph)	~~85~~	~~90~~	~~100~~	~~110~~	~~120~~	~~130~~	~~140~~	150
Roof Pitch	Rafter Span Adjustment Factor for Dual-Pitched Roofs							
0:12	~~1.18~~	~~1.10~~	~~0.97~~	~~0.87~~	~~0.79~~	~~0.73~~	~~0.67~~	0.62
1:12	~~1.17~~	~~1.09~~	~~0.97~~	~~0.87~~	~~0.79~~	~~0.72~~	~~0.67~~	0.62
2:12	~~1.16~~	~~1.08~~	~~0.96~~	~~0.86~~	~~0.8~~	~~0.72~~	~~0.66~~	0.61
3:12	~~1.34~~	~~1.25~~	~~1.10~~	~~0.98~~	~~0.89~~	~~0.81~~	~~0.75~~	0.70
4:12	~~1.30~~	~~1.21~~	~~1.07~~	~~0.96~~	~~0.87~~	~~0.79~~	~~0.73~~	0.68
5:12	~~1.24~~	~~1.15~~	~~1.02~~	~~0.91~~	~~0.83~~	~~0.76~~	~~0.70~~	0.65
6:12	~~1.17~~	~~1.09~~	~~0.96~~	~~.86~~	~~0.78~~	~~0.72~~	~~0.66~~	0.62
7:12	~~1.52~~	~~1.41~~	~~1.23~~	~~1.09~~	~~0.98~~	~~0.90~~	~~0.82~~	0.76
8:12	~~1.42~~	~~1.31~~	~~1.15~~	~~1.02~~	~~0.92~~	~~0.84~~	~~0.78~~	0.72
9:12	~~1.32~~	~~1.22~~	~~1.07~~	~~0.96~~	~~0.87~~	~~0.79~~	~~0.73~~	0.68
10:12	~~1.22~~	~~1.14~~	~~1.00~~	~~0.89~~	~~0.81~~	~~0.74~~	~~0.68~~	0.63
11:12	~~1.14~~	~~1.06~~	~~0.93~~	~~0.84~~	~~0.76~~	~~0.69~~	~~0.64~~	0.59
12:12	~~1.06~~	~~0.98~~	~~0.87~~	~~0.78~~	~~0.71~~	~~0.65~~	~~0.6~~	0.56

3 Tabulated rafter spans shall be permitted to be multiplied by the sloped roof adjustment factors in the following table, for roof pitches greater than 4:12:

	20 psf Live, 10 psf Dead	20 psf Live, 20 psf Dead
Roof Pitch	Adjustment Factor for Sloped Roofs	
5:12	1.02	1.01
6:12	1.04	1.03
7:12	1.05	1.04
8:12	1.07	1.05
9:12	1.10	1.07
10:12	1.12	1.08
11:12	1.14	1.10
12:12	1.17	1.12

SCHEDULE 6

(Regulation 3)

AMENDMENTS TO THE *2014 NATIONAL ELECTRICAL CODE*

Provision of the *2014 National Electrical Code* affected	**Exceptions, adaptations and modifications**
Article 100 *Definitions*	Delete the definition of "Qualified person" and substitute the following - ""Qualified person" means an electrical engineer or electrician licensed under the Electricity Law (2008 Revision).".

SCHEDULE 7

(Regulation 3)

REQUIRED PERIODIC INSPECTION AND TEST INTERVALS FOR ELEVATORS AND ESCALATORS

Table 3001.7 Required Periodic Inspection and Test Intervals in "Months"

				Periodic Tests					
		Periodic Inspections		Category 1		Category 3		Category 5	
Reference Section	Equipment Type	Requirement	Interval	Requirement	Interval	Requirement	Interval	Requirement	Interval
8.11.2	Electric Elevators	8.11.2.1	12	8.11.2.2	12	N/A	N/A	8.11.2.3	60
8.11.3	Hydraulic Elevators	8.11.3.1	12	8.11.3.2	12	8.11.3.3	36	8.11.3.4	60
8.11.4	Escalators and moving walks	8.11.4.1	12	8.11.4.2	12	N/A	N/A	N/A	N/A
8.11.5.1	Sidewalk elevators	8.11.2.1, 8.11.3.1	12	8.11.2.2, 8.11.3.2	12	8.11.3.3	36	8.11.2.3, 8.11.3.4	60
8.11.5.2	Private residence elevators	8.11.2.1, 8.11.3.1	36	8.11.2.2, 8.11.3.2	12	8.11.3.3	36	8.11.2.3, 8.11.3.4	60
8.11.5.3	Hand elevators	8.11.2.1	12	8.11.2.2	12	N/A	N/A	8.11.2.3, 8.11.3.4	60
8.11.5.4	Dumbwaiters	8.11.2.1, 8.11.3.1	12	8.11.2.2, 8.11.3.2	12	8.11.3.3	36	8.11.2.3, 8.11.3.4	60
8.11.5.5	Material lifts and dumbwaiters with	8.11.2.1, 8.11.3.1	12	8.11.2.2, 8.11.3.2	12	8.11.3.3	36	8.11.2.3, 8.11.3.4	60
	automatic transfer devices								
			70						
8.11.5.6	Special purpose personnel elevators	8.11.2.1, 8.11.3.1	12	8.11.2.2, 8.11.3.2	12	8.11.3.3	36	8.11.2.3, 8.11.3.4	60
8.11.5.7	Inclined elevators	8.11.2.1, 8.11.3.1	12	8.11.2.2, 8.11.3.2	12	8.11.3.3	36	8.11.2.3, 8.11.3.4	60
8.11.5.8	Shipboard elevators	8.11.2.1, 8.11.3.1	12	8.11.2.2, 8.11.3.2	12	8.11.3.3	36	8.11.2.3, 8.11.3.4	60
8.11.5.9	Screw-column elevators	8.11.2.1, 8.11.3.1	12	8.11.2.2, 8.11.3.2	12	8.11.3.3	36	8.11.2.3, 8.11.3.4	60
8.11.5.10	Rooftop elevators	8.11.2.1, 8.11.3.1	12	8.11.2.2, 8.11.3.2	12	8.11.3.3	36	8.11.2.3, 8.11.3.4	60
8.11.5.12	Limited-use/limited-application elevators	8.11.2.1, 8.11.3.1	12	8.11.2.2, 8.11.3.2	12	8.11.3.3	36	8.11.2.3, 8.11.3.4	60
8.11.5.13	Elevators used for construction	8.11.2.1, 8.11.3.1	3	8.11.2.2, 8.11.3.2	12	8.11.3.3	36	8.11.2.3, 8.11.3.4	60

GENERAL NOTE: The intervals specified in this Table are required for periodic tests and inspections. Factors such as the environment, frequency and type of usage, quality of maintenance, etc., related to the equipment were taken into account by the Cayman Islands Government. All reference sections taken from ASME A17.1 - 2007 Safety Code for Elevators and Escalators.

Made in Cabinet this 6th day of December, 2016.

Kim Bullings

Clerk of the Cabinet.