

CAYMAN ISLANDS



Supplement No.6 published with Gazette No.16 dated
12 August , 2002.

**THE DEVELOPMENT AND PLANNING LAW
(1999 REVISION)**

THE BUILDING CODE (AMENDMENT) REGULATIONS, 2002

THE DEVELOPMENT AND PLANNING LAW
(1999 REVISION)

THE BUILDING CODE (AMENDMENT) REGULATIONS, 2002

ARRANGEMENT OF REGULATIONS

1. Citation.
2. Application of the Regulations.
3. Amendment of regulation 3 of the Building Code Regulations (1998 Revision) - Application of Standard Building Code and other related Codes.
4. Amendment of regulation 5 - Regulations not to apply to certain buildings.
5. Repeal and substitution of First Schedule - exceptions, adaptation and modifications.

CAYMAN ISLANDS

THE DEVELOPMENT AND PLANNING LAW
(1999 REVISION)

THE BUILDING CODE (AMENDMENT) REGULATIONS, 2002

In exercise of the powers conferred by section 45 of the Development and Planning Law (1999 Revision), the Governor makes the following Regulations -

1. These regulations may be cited as the Building Code (Amendment) Regulations, 2002. Citation
2. These regulations apply to any person to whom planning permission to develop land is granted under the Development and Planning Law (1999 Revision), on or after the date of commencement of these regulations . Application of the Regulations
3. The Building Code Regulations (1998 Revision), in these regulations referred to as "the principal regulations", are amended in regulation 3 as follows -
 - (a) in paragraphs (a), (c) and (d), by repealing "1994" and substituting "1999"; and
 - (b) in paragraph (b), by repealing "1994" and substituting "1997".Amendment of regulation 3 of the Building Code Regulations (1998 Revision) - Application of Standard Building Code and other related Codes
4. The principal regulations are amended by repealing regulation 5 and substituting the following regulation - Amendment of regulation 5 - regulations not to apply to certain buildings
 5. (1) All Single Family Residences shall be constructed to meet the structural requirements of the Standards for Hurricane Resistant Construction SSTD 10-99.
 - (2) All other aspects of construction shall comply with the Code."
5. The principal regulations are amended by repealing the First Schedule and substituting the following Schedule - Repeal and substitution of First Schedule - exceptions, adaptation and modifications

“FIRST SCHEDULE

(Regulation 3)

[DIVISION 1]

Provision of the Southern Building Code affected Exceptions, adaptations and modifications

CHAPTER I

Section 101.2 Amend section 101.2 by deleting the word “Standard and substitute the words Cayman Islands”

Sections 101.4.2 to 101.4.7 (inclusive) Delete

Section 102 Delete

Sections 103.2 and 103.3 (inclusive) Delete

Section 104.5 Delete and substitute the following new section –

| | |
|--|--|
| | "104.5 Contractor's Responsibilities - It shall be the duty of every contractor and person who makes a contract for the installation of, or repairs to, a building, electrical, gas, mechanical or plumbing system for which a permit is required to conform to the provisions of the Laws, Regulations and Code relating to licensing and inspections." |
|--|--|

Section 104.6.1 Amend section 104.6.1 by deleting the words “6 months” after the words “.commenced within..” and replace with “1 year”

Sections 104.7.1 to Delete

104.7.4 (inclusive)

Section 110 Delete

CHAPTER 2

Interpretation.

2. (1) In this Code, unless the context otherwise requires -

" duplex" means two dwelling units one above the other or side by side having a common wall and being on one lot.

" dwelling Unit" bears the meaning ascribed to that term in regulation 2 of the Development and Planning Regulations (1998 Revision);

"Electrical Inspectorate" means the Electrical Inspectorate established under section 5 of the Electricity Law (2000 Revision);

" fire department " means the Fire Brigade established under the Fire Brigade Law, (1999 Revision)

" fire brigade connection " means a hose connection at grade or street level for use by the Fire Brigade only for the purposes of supplying water to standpipes or sprinkler systems;

"Fire Official" means the person appointed under the Fire Brigade Law, (1999 Revision)

"fire prevention department" means the Fire Brigade established under the Fire Brigade Law, (1999 Revision)

"height, building" bears the meaning ascribed to that term in regulation 2 of the Development and Planning Regulations (1998 Revision);

"hotel" bears the meaning ascribed to that term in the Hotels Aid Law, (1995 Revision);

"labeled" in relation to devices, equipment or materials, means having affixed thereto a label, seal, symbol or other

identifying mark of a testing laboratory, inspection agency or other organization recognised by the building official and which is concerned with product evaluation, maintains periodic inspection of production of the thing concerned and by label of which the manufacturer attests to compliance with the applicable generally recognised standards;

"listed"

in relation to equipment or materials, means included in a list published by a testing laboratory, inspection agency or other organisation recognised by the Building Official to be of a standard satisfactory to him which is concerned with product evaluation and which maintains periodic inspection of production of equipment or materials if it is stated in such list either that the equipment or material meets recognised standards or has been tested and found suitable for use in a specified manner;[The means for identifying listed equipment may vary for each testing laboratory, inspection agency, or other organisation concerned with product evaluation, some of which do not recognise equipment as listed unless it is also labelled. The Building Official should utilise the system employed by the listing organisation to identify a listed product.]

" lot"

has the meaning ascribed to that term in the Registered Land Law, (1995 Revision);

" road "

means a road as defined from time to time in the Roads Law (2000 Revision)

"Rooming House"

Amend "Rooming House" to "Guest House" Replace the word "five" with the word "six"

CHAPTER 3

305.1.2.

Amend "Educational Occupancies 12th grade" to read "High School".

311 .3.

Add new section "311.3 to Read 311.3 Fire Department Vehicle Access. All R1 and R2 occupancies three (3) or more stories in height shall provide open space at least twenty (20) feet wide along three (3) sides of the Building.

311 .2.

R1: Amend "Boarding House" to "Guest House"

R2: Amend "Rooming House" to Guest House".

R3: Amend "Rooming House" to Guest House".

CHAPTER 4

403.1.2.1.1.1.1

Amend section 403.1.2.1 by repealing "5 sq. ft (0.5m²) and substituting "7 sq. ft (0.69m²)"

Table 408.3.2

Amend Table 408.3.2 as shown on "Exhibit B".

Table 411.3.1

Amend Table 411.3.1 as shown on "Exhibit C".

412.1.1

Amend section 412.1.1Group R by repealing the words "75 ft" and substituting " 55 ft (16.78m)."

Amend section 412.1.1 by repealing the words "Group B buildings shall be provided with either an approved automatic sprinkler system in accordance with 412.10 or areas of refuge (compartmentation) in accordance with 412.9."

Amend section 412.1.1Group B by repealing the words "12 stories and 150 ft (45.7 m)" and substituting "5 stories and 55 ft (16.78m)."

412.7.1.2

Repeal the Exception to 412 7.1.2 without substitution.

412.8.2

Amend section 412.8.2 by repealing the word "fifth" and substituting "third".

412.9

Repeal section 412.9 and substitute the following:
"Group R buildings more than 5 stories high with corridors exceeding 200 ft in length must be divided into a minimum of 2 compartments. Each compartment shall not exceed 175 ft."

412.10.3

Repeal section 412.10.3 and substitute the following.

- “On site supply of water equal to the hydraulic calculated sprinkler demand or standpipe whichever is greater shall be provided for a minimum duration of 45 minutes.”.
- 412.10.4. Amend section 412.10.4 by repealing the words “an approved automatic fire detection” and substituting “other approved fire suppression”
- 412.11(6) Amend section 412.11(6) by repealing the words “no higher than 250 ft (76.2 m)”
- CHAPTER 5**
- 503.2 Repeal 503.2.6 in its entirety without substitution.
- 503.3.3 Amend 503.3.3 by repealing the words “both an unsprinklered building and” in the first line without substitution.
- Amend 503.3.3 by repealing the words “either” after the words “added to...” and in addition, by repealing the words “or unsprinklered” after the words “the sprinklered” in line five.
- Table 500 Amend Table 500 as shown in “Exhibit A”
- 505 Repeal 505 in its entirety without substitution.

CHAPTER 6

- 601.2.2 Add the following to the end of this section.
“Timber Trusses are not allowed on Type I and II, buildings above 65 feet.”

CHAPTER 8

- Table 803.3 Amend Table 803.3 as shown in Exhibit D.

CHAPTER 9

- 903.6 Amend 903.6 as shown in Exhibit E.
- 903.7.1 Repeal last line. “15,000 sq. ft (1395 m sq.)” and substitute “12, 000 sq. ft (1116 m sq.)”

- 903.7.2.1 Repeal last line “15,000 sq. ft (1395 m sq.)” and substitute “12, 000 sq. ft (1116 m sq.)”
- 903.7.5 Amend 903.7.5 to read “An Approval Automatic Sprinkler System shall be provided throughout Group R1 occupancies three or more stories in height or containing sixteen (16) or more Guest Room.”
- 903.7.5 Repeal the Exception.
- 904.3.1 Amend section 904.3.1 by repealing the words “75ft (22.9m)” and substituting “ 55 ft (16.78m).”
- 904.7.2 Amend section 904.7.2 by repealing the words “75 (22.9m)” and substituting “ 55.ft (16.78m)”
- 904.7.3 Amend section 904.7.3 by repealing the words “75ft (22.9m)” and substituting “ 55ft (16.78m).”
- 905.1.1 Amend section 905.1.1 as follows:
(a) in Group A by amending to read “Group A, all group A occupancies”
(b) in Group B by repealing “500” and substituting “250”
(c) in Group F by repealing “500” and substituting “250”
(d) in Group R1 by repealing “15” and substituting “8”
(e) in Group R2 by repealing this item and substituting the following:
“R2 All houses more than eight units and dormitories. Guest Houses having more than eight sleeping accommodations.”

Amend Exception 1 to section 905.1.1 by repealing the words “three stories or less” and substituting “ one story.”

CHAPTER 10

- 1004.1.6.5 Add section 1004.1.6.5. - “Roof Vents & Curtain Boards. Storage occupancies exceeding 5000 sq. ft. in area shall be provided with a smoke and heat venting system complying with Table 1004 or NFIPA 204M”.
- 1005.6 Amend section 1005.6 by repealing the words “75 ft (22.9 m)” and substituting “ 55 ft (16.78 m).”

- 1006.2.1 Amend section 1006.2.1 by repealing the words “six stories or 75 ft (22.9 m)” and substituting “five stories or 55 ft (16.78 m)”
- 1011.2.3 Repeal the Exception to 1011.2.3 without substitution.
- 1011.3 Repeal section 1011.3 without substitution.
- Table 1016 Amend Table 1016 Group R2 by repealing the words “Greater than 100” and substituting “All except R3”

CHAPTER 14

1403.9

Rigid Vinyl

Repeal the section in the regulations and substitute the following:

- 1403.9.1 **Vinyl Siding.** Vinyl siding conforming to the requirements of this section and complying with ASTM D 3679 shall be permitted on exterior walls as cladding of buildings of type V construction and not more than two stories in height. The siding shall be fastened to the wall to conform to the wind load requirements of Chapter 16 and must be supported with tests and calculations indicating compliance.
- 1403.9.2 **Application.** The siding shall be applied over sheathing or materials listed in Section 2304.6. Siding shall conform to weather-resistant barrier requirements in section 1403. Siding and accessories shall be installed in accordance with approved manufacturer’s instructions. Fasteners shall be corrosion resistant and spacing shall not exceed 16 inches horizontally and 12 inches vertically.
- 1403.9.3 Re-number 1403.9.2 to 1403.9.3

CHAPTER 15

- 1507.3.8.3 Repeal section 1507.3.8.3 without substitution

CHAPTER 16

- 1604.6.4 Repeal section 1604.6.4
- 1605 Repeal section 1605 and Figure 1605
- 1606 Repeal Figure 1606 and substitute map of the Cayman Islands
- 1606.1 Amend 1606.1.1 as follows:
(a) by adding after ASCE7 the words “using a fastest mile wind velocity of 110m.p.h. and exposure D Category”; and
(b) by repealing Exception 2
- Table 1606.2A Repeal Table 1606.2A and substitute Table as shown in Exhibit F.
- Figure 1607.1.5A, B Repeal Figure 1607 1.5A and Figure 1.5B and substitute map of the Cayman Islands.
- 1609 Repeal the references to “Snow” from all load combinations. in section 1609.1.
- 1609.1 Repeal (a) “Notes” and substitute “Note”
(b) the figure “1” in Note 1
(c) Notes 2 and 3
- 1609.2 (a) repeal the references to “Snow” from load combinations in 1 and 4; and
(b) repeal Note 1 and renumber 2 and 3 as 1 and 2..
- 1612 Repeal section 1612 without substitution.

CHAPTER 18

- 1804 Amend section 1804.1.3 by repealing the word “below the frost penetration shown in Figure 1804.1, but”

Repeal Figure 1804.1

Add new section

“1804.6.1.6. Foundation walls or stem walls less than three (3) ft in height with or without unbalanced fill and supporting one (1) storey buildings may be six (6) inches in thickness.”

Repeal section 1804.7

CHAPTER 19

1904.2 Repeal section 1904.2

Table 1904A Repeal Table 1904A

Table 1904B In “Exposure Condition” delete item referring to “Concrete exposed to freezing”.

Table 1904C Amend title by repealing the words “and/or deicer chemicals”

1904 Repeal Figure 1904

1905.6 Amend 1905.6.1.1
(a) by repealing the words “150 cu yd (115 m3) and substituting 50 cu yd (38 m3)”; and
(b) by repealing the remainder of the sentence and substituting “Concrete test reports used to establish strength requirements shall be submitted to the Building Official”

CHAPTER 31

3107 Repeal section 3107

(DIVISION 2)

Repeal items 2 to 6 and substitute items 1 to 5 as follows:

1. Any reference in this code to the Standard Fire Prevention Code shall be construed as a reference to the 1999 Edition of the Standard Fire Prevention Code based on the former American Insurance Association National Fire Prevention Code first adopted in 1974 by the Board of Trustees of the Southern Building Code Congress International in Birmingham in the State of Alabama in the United States of America and any reference to a Class of hazardous substance, material or device shall be construed as a reference to a Class of any such thing as defined in that Code.
2. Any reference in this code to a type of construction being of Type I, II, III, IV, V or VI shall be construed as a reference to the type of construction respectively described as being of that Type in sections 603 to sections 608 of Chapter 6 of this code.
3. Any reference in this code to the use or occupancy of any building or structure being of Group A, B, E, F, H, I, M, R, or S, or any sub-classification of any such Group, shall be construed as a reference to such Group or sub-classification as defined in Chapter 3.
4. Any reference in this code to a dry cleaning system being of Type I, II, III, IV or V shall be construed as a reference to a system of the type respectively described as being of that Type in section 202.
5. Any reference in this code to a standpipe as being in Class I, II, III, or Combined System shall be construed to be a reference to a standpipe falling within the respective Class as defined in section 202.

EXHIBIT A

Table 500
Allowable Heights and Building areas

Lower case letters in table refer to notes following table
Height for types of construction is limited to the number of stories and height in feet shown
Allowable building area (determined by definition of "Area, Building") is shown in thousands of square feet per floor

| Type construction | I | II | III | IV 1 Hour | IV Unprot | V 1 Hour | V Unprot | VI 1 Hour | VI Unprot |
|--|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Maximum height in feet | 100 | 80 | 65 | 65 | 55 | 65 | 55 | 50 | 40 |
| Occupancy | uns spr j | uns spr h j | uns spr h j | uns spr h j | uns spr h j | uns spr h j | uns spr h j | uns spr h j | uns spr h j |
| A-1 Assembly large (stage requiring proscenium opening protection) a,b | | | | | | | | | |
| Max. no. of stories | 7 7 UA UA | 7 7 UA UA | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| Area: Multi story | | | | | | | | | |
| One story only | UA UA | UA UA | | | | | | | |
| A-1 Assembly large (no stage requiring proscenium opening protection) a,b | | | | | | | | | |
| Max. no of stories | 7 7 UA UA | 7 7 UA UA | 1 1 | 1 1 | 1 1 | 1 1 | 1 1 | 0 0 | 0 0 |
| Area: Multi story | | | | | | | | | |
| One story only | UA UA | UA UA | 12.0 36.0 | 12.0 36.0 | 8.0 24.0 | 12.0 36.0 | 8.0 24.0 | | |
| A-2 Assembly small (stage requiring proscenium opening protection) a,b | | | | | | | | | |
| Max. no of stories | 7 7 UA UA | 7 7 UA UA | 1 1 | 1 1 | 1 1 | 1 1 | 1 1 | 1 1 | 1 1 |
| Area: Multi story | | | | | | | | | |
| One story only | UA UA | UA UA | 10.0 30.0 | 10.0 30.0 | 6.0 18.0 | 10.0 30.0 | 6.0 18.0 | 2.3 6.9 | 1.5 4.5 |
| A-2 Assembly small (no stage requiring proscenium opening protection) a,b | | | | | | | | | |
| Max. no of stories | 7 7 UA UA | 7 7 UA UA | 2 2 | 2 2 | 2 2 | 2 2 | 2 2 | 1 1 | 1 1 |
| Area: Multi story | | | | | | | | | |
| One story only | UA UA | UA UA | 12.0 24.0 | 12.0 24.0 | 8.0 16.0 | 12.0 24.0 | 8.0 16.0 | 3.75 11.4 | 2.5 7.5 |
| B. Business a,b | | | | | | | | | |
| Max. no of stories | 7 7 UA UA | 7 7 UA UA | 5 5 | 5 5 | 2 5 | 5 5 | 2 5 | 2 2 | 2 2 |
| Area: Multi story | | | | | | | | | |
| One story only | UA UA | UA UA | 25.5 51.0 | 25.5 51.0 | 17.0 34.0 | 21.0 42.0 | 14.0 28.0 | 6.75 13.5 | 4.5 9.0 |
| | | | | | | | | | |
| One story only | UA UA | UA UA | 25.5 76.5 | 25.6 76.5 | 17.0 51.0 | 21.0 63.0 | 14.0 42.0 | 6.75 20.5 | 4.5 13.5 |

1 ft= 0.305m; 1 sq.ft- 0.0929m²

UA= Unlimited area

EXHIBIT A

Table 500
Allowable Heights and Building areas (Continued)

Lower case letters in table refer to notes following table
Height for types of construction is limited to the number of stories and height in feet shown
Allowable building area (determined by definition of "Area, Building") is shown in thousands of square feet per floor

| Type construction | I | II | III | IV 1 Hour | IV Unprot | V 1 Hour | V Unprot | VI 1 Hour | VI Unprot |
|------------------------------|--------------|----------------|------------------|------------------|----------------|------------------|----------------|-----------------|----------------|
| Maximum height in feet | 100 | 80 | 65 | 65 | 55 | 65 | 55 | 50 | 40 |
| Occupancy | uns spr j | uns spr h j | uns spr h j | uns spr h j | uns spr h j | uns spr h j | uns spr h j | uns spr h j | uns spr h j |
| E EDUCATIONAL a, b | | | | | | | | | |
| Max. no. of stories | 7 7 UA UA | 7 7 UA UA | 2 2 18.0 36.0 | 2 2 18.0 36.0 | 1 1 | 2 2 18.0 36.0 | 1 1 | 2 2 6.0 12.0 | 1 1 |
| Area: Multi story | | | | | | | | | |
| One story only | UA UA | UA UA | 18.0 54.0 | 18.0 54.0 | 12.0 36.0 | 18.0 54.0 | 12.0 36.0 | 6.0 18.0 | 4.0 12.0 |
| F FACTORY INDUSTRIAL a, b, g | | | | | | | | | |
| Max. no of stories | 7 7 UA UA | 7 7 UA UA | 3 6 | 2 4 | 2 4 | 2 4 | 2 4 | 1 1 | 1 1 |
| Area: Multi story | | | | | | | | | |
| One story only | UA UA | UA UA | 31.5 63.0 | 31.5 63.0 | 21.0 42.0 | 22.5 45.0 | 15.0 30.0 | | |
| | | | | | | | | | |
| One story only | UA UA | UA UA | 31.5 94.5 | 31.5 94.5 | 21.0 63.0 | 22.5 67.5 | 15.0 45.0 | 7.5 22.5 | 5.0 15.0 |
| H-1 HAZARDOUS c | | | | | | | | | |
| Max. no of stories | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 0 | 0 0 | 0 0 |
| Area: Multi story | | | | | | | | | |
| One story only | 15.0 | 12.0 | 7.5 | 7.5 | 5.0 | 5.0 | | | |
| H-2 HAZARDOUS c | | | | | | | | | |
| Max. no of stories | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 0 | 0 0 |
| Area: Multi story | | | | | | | | | |
| One story only | 15.0 | 12.0 | 7.5 | 7.5 | 5.0 | 5.0 | 2.0 | | |
| H-3 HAZARDOUS c | | | | | | | | | |
| Max. no of stories | 0 4 | 0 3 | 0 2 | 0 2 | 0 1 | 0 1 | 0 1 | 0 0 | 0 0 |
| Area: Multi story | | | | | | | | | |
| One story only | 30.0 | 20.0 | 10.0 | 10.0 | | 5.0 | | | |
| | | | | | | | | | |
| One story only | 30.0 | 20.0 | 10.0 | 10.0 | 7.5 | 5.0 | 4.5 | | |
| H-4 HAZARDOUS c | | | | | | | | | |
| Max. no of stories | 0 5 | 0 6 | 0 3 | 0 4 | 0 4 | 0 2 | 0 2 | 0 0 | 0 0 |
| Area: Multi story | | | | | | | | | |
| One story only | UA | UA | 48.0 | 48.0 | 32.0 | 24.0 | 16.0 | | |
| | | | | | | | | | |
| One story only | UA | UA | 72.0 | 72.0 | 48.0 | 36.0 | 24.0 | | |

1 ft= 0.305m; 1 sq.ft- 0.0929m²

UA= Unlimited area

EXHIBIT A

Table 500
Allowable Heights and Building areas (Continued)

Lower case letters in table refer to notes following table
Height for types of construction is limited to the number of stories and height in feet shown
Allowable building area (determined by definition of "Area, Building") is shown in thousands of square feet per floor

| Type construction | I | II | III | IV 1 Hour | IV Unprot | V 1 Hour | V Unprot | VI 1 Hour | VI Unprot |
|--------------------------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Maximum height in feet | 100 | 80 | 65 | 65 | 55 | 65 | 55 | 50 | 40 |
| Occupancy | uns spr j | uns spr h j | uns spr h j | uns spr h j | uns spr h j | uns spr h j | uns spr h j | uns spr h j | uns spr h j |
| I INSTITUTIONAL RESTRAINED b | | | | | | | | | |
| Max. no. of stories | 7 7 | 7 7 | 0 2 | 2 3 | 0 2 | 0 3 | 0 2 | 0 3 | 0 2 |
| Area: Multi story | UA UA | UA UA | 24.0 | 15.0 36.0 | 20.0 | 21.0 | 14.0 | 7.5 | 5.0 |
| One story only | UA UA | UA UA | 36.0 | 15.0 45.0 | 30.0 | 31.5 | 21.0 | 11.4 | 7.5 |
| I INSTITUTIONAL UNRESTRAINED b | | | | | | | | | |
| Max. no of stories | 0 7 | 0 7 | 0 2 | 0 3 | 0 1 | 0 1 | 0 0 | 0 1 | 0 0 |
| Area: Multi story | UA | UA | 24.0 | 30.0 | | | | | |
| One story only | UA | UA | 36.0 | 45.0 | 30.0 | 31.5 | | 11.4 | |
| M MERCANTILE a, b | | | | | | | | | |
| Max. no of stories | 7 7 | 7 7 | 5 5 | 5 5 | 2 5 | 5 5 | 2 5 | 2 2 | 1 2 |
| Area: Multi story | 15.0 UA | 15.0 UA | 13.5 27.0 | 13.5 27.0 | 9.0 18.0 | 13.5 27.0 | 9.0 18.0 | 4.5 9.0 | 6.0 |
| One story only | 15.0 UA | 15.0 UA | 13.5 40.5 | 13.5 40.5 | 9.0 27.0 | 13.5 40.5 | 9.0 27.0 | 4.5 13.5 | 3.0 9.0 |
| R RESIDENTIAL a, b, d | | | | | | | | | |
| Max. no of stories | 7 7 | 7 7 | 3 3 | 5 5 | 2 5 | 5 5 | 2 5 | 2 3 | 1 2 |
| Area: Multi story | UA UA | UA UA | 18.0 36.0 | 18.0 36.0 | 12.0 24.0 | 18.0 36.0 | 12.0 24.0 | 5.3 10.6 | 7.0 |
| One story only | UA UA | UA UA | 18.0 54.0 | 18.0 54.0 | 12.0 36.0 | 18.0 54.0 | 12.0 36.0 | 5.3 15.9 | 3.5 10.5 |
| S STORAGE a, b, e, g | | | | | | | | | |
| Max. no of stories | 7 7 | 6 6 | 2 6 | 2 4 | 2 4 | 2 4 | 2 4 | 1 1 | 1 1 |
| Area: Multi story | UA UA | 30.0 60.0 | 24.0 48.0 | 24.0 48.0 | 16.0 32.0 | 24.0 48.0 | 16.0 32.0 | | |
| One story only | UA UA | 30.0 90.0 | 24.0 72.0 | 24.0 72.0 | 16.0 48.0 | 24.0 72.0 | 16.0 48.0 | 4.5 13.5 | 3.0 9.0 |

1 ft= 0.305m

1 sq.ft- 0.0929m²

UA= Unlimited area

EXHIBIT A

Notes:

- a. For height modifications and limitations by occupancy, see:
1. Mezzanines.....503.2.3
 2. Basements.....503.2.4
 3. Assembly basements.....503.2.5
 4. Business503.2.6
 5. Educational Basements.....503.2.5
 6. Mercantile.....503.2.6
 7. Residential.....503.2.2, 503.2.6
- b. For area modifications and limitations by occupancy, see:
1. Area increase for separation (all occupancies except H).....503.3.2
 2. Assembly.....503.4.3, 503.4.4
503.4.5, 503.4.6, 503.4.8.
 3. Business.....503.4.1,
503.4.8
 4. Educational.....503.4.2,
503.4.7
 5. Factory industrial.....503.4.1,
503.4.8.
 6. Mercantile.....503.4.1,
503.4.8, 503.4.10.

7. Storage.....503.4.1,
503.4.8, 503.4.11
- c. Modifications in height and area shall not be permitted in Group H Occupancies .
- d. See 903.7.5 and 903.7.6 for height limitations of unsprinklered R1 and R2 occupancies. Height and area increases in 503.2 are not permitted for NFIPA 13R sprinkler systems installed as an option in 903.7.6.
- e. See 411.3.1 for allowable height and floor areas of Open Automobile Parking Structures.
- f. Total area for unsprinklered Group M occupancies after increase permitted by 503.3 shall not exceed 15,000 sq.ft.
- g. Height in feet not applicable to Group S and Group F occupancies.
- h. When all portions of buildings are sprinklered in accordance with the standards listed in 903.2, the height of the buildings listed under this column may be increased one story. A general area increase provided for in 503.3.2 may be applied before using footnote h.
- i. Automatic sprinkler protection required throughout all buildings where Use Condition 5 is used. See 409.2.3 and 1024.2.2.
- j. When all portions of buildings are sprinklered in accordance with the standards listed in 903.2, the allowable heights and areas of buildings shall be as listed under this column.

EXHIBIT B

Table 408.3.2
Allowable Heights and Building Areas
For Hazardous Production Material Facilities^{1 2 3}
(Allowable building area is shown in thousands of square feet per floor)

| TYPE OF CONSTRUCTION | | | | | | | | | |
|----------------------|--------|---------|----------|-------------------------|------|------------------------|------|------------------------|------|
| | Type I | Type II | Type III | Type IV 1-Hr. Unprot | | Type V 1 Hr. Unprot | | TypeVI 1.hr. Unprot | |
| Max. no of stories | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 |
| Max. Height (feet) | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 25 | 20 |
| Area Multi story | UA | UA | 63.0 | 63.0 | 42.0 | 45.0 | 30.0 | - | - |
| One story only | UA | UA | 94.5 | 94.5 | 63.0 | 67.5 | 45.0 | 22.5 | 15.0 |

1 ft=0.305m
1 sq.ft=0.0929m²

UA= unlimited area

¹ The increases permitted in 503.3 shall apply.
² The provisions of 503.4.1 and Table 500 shall not apply.
³ The area limitations are based on the building facing on one street of public space not less than 30ft wide.

EXHIBIT C

Table 411.3.1
Open Automobile Parking Garages
Allowable Heights and Areas

| Construction Type | Sq. Ft. Per Floor | Allowable Height |
|-------------------|-------------------|--------------------|
| Type I | No limit | 7 Stories |
| Type II | No limit | 7 Stories |
| Type III | 30,000 | 4 stories or 40 ft |
| Type IV | 40,000 | 5 Stories or 55 ft |

For SI: 1 ft= 0.305m

1sq. ft.=0.0929m²

EXHIBIT D

Table 803.3
Minimum Interior Finish Classification

| Occupancy | Unsprinklered | | | Sprinklered | | |
|------------------|---------------------|--------------|--------------|--------------------|--------------|----------------|
| | Exits ¹ | Exits Access | Other spaces | Exits ¹ | Exits Access | Other spaces |
| A | A | A | B | B | B | C |
| B | B | B | C | C | C | C |
| E | A | B | B | B | C | C |
| F | C | C | C | C | C | C |
| H | Sprinklers required | | | B | C | C |
| I Restrained | A | A | C | A | A | C |
| I Unrestrained | Sprinklers required | | | B | B | B ³ |
| M | B | B | B | C | C | C |
| R ^{2 4} | A | B | C | B | C | C |
| S | C | C | C | C | C | C |

¹ In vertical exit ways of buildings 3 stories or less in height of other than Group I Restrained, the interior finish may be Class B for unsprinklered buildings and Class C for sprinklered buildings.

² Class C interior finish materials may be used within a dwelling unit.

³ Rooms with 4 or less persons require Class C interior finish.

⁴ Class C interior finish materials are not permitted in Group R4 Occupancies.

EXHIBIT E

903.6 Garages

Approved automatic sprinkler system shall be provided in the following garages:

- 1. Enclosed parking garages over 35 ft (10 m) high and exceeding 10,000 sq. ft (930 m²) per floor.
- 2. Repair garages two stories or more high.
- 3. One story repair garages exceeding 15,000 sq. ft (1395 m²).
- 4. Basement garages or repair garages with provisions for 6 or more cars.
- 5. Garages used for the storage of commercial trucks and having an area exceeding 5000 sq. ft (465 m²).
- 6. Bus garages when used as passenger terminals for four or more buses or when used for bus storage or loading of four or more buses.
- 7. Enclosed garages below other occupancies or attached to other occupancies.

EXHIBIT F

TABLE 1606.2A
Velocity Pressure (q)¹ (PSF)

| Fastest Mile Wind Speed, (V) ² in mph | |
|--|---------|
| Mean Roof Height | 130 mph |
| 0-15 | 34.5 |
| 16 | 35.2 |
| 17 | 35.8 |
| 18 | 36.4 |
| 19 | 37.0 |
| 20 | 37.5 |

| | |
|----|------|
| 22 | 38.5 |
| 24 | 39.5 |
| 26 | 40.4 |
| 28 | 41.3 |
| 30 | 42.1 |
| 35 | 44.0 |
| 40 | 45.7 |
| 45 | 47.3 |
| 50 | 48.7 |
| 55 | 50.0 |
| 60 | 51.3 |

For SI: 1mph = 0.447m/s, 1 psf = 47.8803 Pa, 1ft = 0.305 m.

Notes:

- 1. A single value for velocity pressure (q) is used for the entire building.
 $q = 0.00256V^2 \left(\frac{H}{33}\right)^{2/7}$
- 2. V = Fastest mile wind speed in miles per hour for all areas on the Islands.
- 3. H = Means height of the roof above ground or 15ft whichever is greater. Eave height may be substituted for mean roof height if roof angle “a” is not more than 10 degrees.”.

Made in Executive Council the 23rd day of July, 2002.

Carmena H. Watler
Clerk of Executive Council.

Passed in the Legislative Assembly the 5th day of July, 2002, in accordance with section 45 of the Development and Planning Law (1999 Revision).

(Price \$2.40 Cents)