

EXHIBIT A (pg.16)

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 storeys and height in feet shown.

Allowable building area (determined by definition of “Area, Building”) is shown in thousands of square feet per floor.

1 ft=0.305 m; 1 sq. ft= 0.0929 M2					UA= Unlimited Area													
Type Construction	I		II		III		IV-1 Hour		IV-Unprot		V-1 Hour		V-Unprot		VI-1 Hour		VI-Unprot	
Maximum height in feet:	55'		55'		55'		55'		55'		55'		55'		50'		40'	
Occupancy	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr
	j		h	j	h	j	h	j	h	j	h	j	h	j	h	j	h	j
A-1 Assembly Large (stage requiring proscenium opening protection) a,b																		
Max. No. of Storeys	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Area: Multi-storey	UA	UA	UA	UA														
One Storey only	UA	UA	UA	UA														
A-1 Assembly Large (no stage requiring proscenium opening protection) a,b																		
Max. No. of Storeys	5	5	5	5	1	1	1	1	1	1	1	1	1	1	0	0	0	0
Area: Multi-storey	UA	UA	UA	UA														
One Storey 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-1 Assembly Small (stage proscenium opening protection) a,b																		
Max. No. of Storeys	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Area: Multi-storey	UA	UA	UA	UA														
One Storey 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-1 Assembly Small (no stage proscenium opening protection) a,b																		
Max. No. of Storeys	5	5	5	5	2	2	2	2	2	2	2	2	2	2	1	1	1	1
Area: Multi-storey	UA	UA	UA	UA	12.0	24.0	12.0	24.0	8.0	16.0	12.0	24.0	8.0	16.0				
One Storey 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	3.8	11.4	2.5	7.5
B Business a,b																		
Max. No. of Storeys	5	5	5	5	5	5	5	5	2	5	5	5	2	5	2	2	1	2
Area: Multi-storey	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
One Storey only	UA	UA	UA	UA	25.5	76.5	25.5	76.5	17.0	51.0	21.0	63.0	14.0	42.0	6.75	20.5	4.5	13.5

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Type Construction	I		II		III		IV-1 Hour		IV-Unprot		V-1 Hour		V-Unprot		VI-1 Hour		VI-Unprot	
Maximum height in feet:	55'		55'		55'		55'		55'		55'		55'		50'		40'	
Occupancy	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr
	j		h	j	h	j	h	j	h	j	h	j	h	j	h	j	h	j
E Educational a,b																		
Max. No. of Storeys	5	5	5	5	2	2	2	2	1	1	2	2	1	1	2	2	1	1
Area: Multi-storey	UA	UA	UA	UA	18.0	36.0	18.0	36.0	18.0	36.0	18.0	36.0	12.0	36.0	6.0	12.0	4.0	12.0
One Storey 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 Storeys	5	5	5	5	3	6	2	4	2	4	2	4	2	4	1	1	1	1
Area: Multi-storey	UA	UA	UA	UA	31.5	63.0	31.5	63.0	21.0	42.0	22.5	45.0	15.0	30.0	7.5	22.5	5.0	15.0
One Storey 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 Storeys	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0
Area: Multi-storey																		
One Storey only		15.0		12.0		7.5		7.5		5.0		5.0		5.0		2.0		0
H-2 Hazardous c																		
Max. No. of Storeys	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0
Area: Multi-storey																		
One Storey only		15.0		12.0		7.5		7.5		5.0		5.0		2.0				0
H-3 Hazardous c																		
Max. No. of Storeys	0	4	0	3	0	2	0	2	0	1	0	1	0	1	0	0	0	0
Area: Multi-storey		30.0		20.0		10.0		10.0				5.0						
One Storey only		30.0		20.0		10.0		10.0		7.5		5.0		4.5				0
H-4 Hazardous c																		
Max. No. of Storeys	0	5	0	6	0	3	0	4	0	4	0	2	0	2	0	0	0	0
Area: Multi-storey		UA		UA		48.0		48.0		32.0		24.0		16.0				
One Storey only		UA		UA		72.0		72.0		48.0		36.0		24.0				

EXHIBIT A (continued pg. 18)

Type Construction	I		II		III		IV-1 Hour		IV-Unprot		V-1 Hour		V-Unprot		VI-1 Hour		VI-Unprot	
Maximum height in feet:	55'		55'		55'		55'		55'		55'		55'		50'		40'	
Occupancy	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr	uns	spr
	j		j		j		j		j		j		j		j		j	
I-Institutional-Restrained b																		
Max. No. of Storeys	5	5	5	5	0	2	2	3	0	2	0	3	0	2	0	3	0	2
Area: Multi-storey	UA	UA	UA	UA		24.0	15.0	30.0		20.0		21.0		14.0		7.5		5.0
One Storey only	UA	UA	UA	UA		36.0	15.0	45.0		30.0		31.5		21.0		11.4		7.50
I-Institutional-Unrestrained b																		
Max. No. of Storeys	0	5	0	5	0	2	0	3	0	1	0	1	0	0	0	1	0	0
Area: Multi-storey		UA		UA		24.0		30.0										
One Storey only		UA		UA		36.0		45.0		30.0		31.5				11.4		
M Mercantile a, b																		
Max. No. of Storeys	f	5	f	5	f	5	f	5	f	5	f	5	f	5	2	2	1	2
Area: Multi-storey	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 Storey 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
Residential a, b, c																		
Max. No. of Storeys	5	5	5	5	3	3	5	5	2	5	5	5	2	5	2	3	1	2
Area: Multi-storey	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 Storey only	UA	UA	UA	UA	18.0	36.0	18.0	36.0	12.0	36.0	18.0	54.0	12.0	36.0	5.3	15.9	3.5	10.5
S Storage a, b, c, g																		
Max. No. of Storeys	5	5	5	5	2	5	2	4	2	4	2	4	2	4	1	1	1	1
Area: Multi-storey	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 Storey 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

EXHIBIT A (continued pg. 19)

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. business 503.2.6
 - 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 a 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.
the allowable heights and areas of buildings shall be as listed under this column.
- j. When all portions of buildings are sprinklered in accordance with the standards listed in 903.2.

EXHIBIT B (pg. 20)

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		TYPE V		TYPE VI	
				1 hour	Unprot	1 hour	Unprot	1 hour	Unprot
Max. No. of Storeys	3	3	3	3	3	3	3	1	1
Max. height (ft.)	55	55	55	55	55	55	55	25	20
Area: Multi-storey	UA	UA	63.0	63.0	42.0	45.0	30.0		
One Storey only	UA	UA	94.5	94.5	63.0	67.5	45.0	22.5	15.0

1 ft.=0.305 m

UA=Unlimited Area

1 sq.ft=0.0929 m²

Notes:

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 30 ft wide.

EXHIBIT C (pg. 21)

Table 411.3.1
Open Automobile Parking Garages
Allowable Heights and Areas

Construction Type	Sq. Ft. Per Floor	Allowable Height
Type I	No Limit	5 storeys
Type II	No Limit	5 storeys
Type III	30,000	4 storeys or 40 ft.
Type IV	40,000	5 storeys or 55 ft.

1 ft=0.305 m
1 sq. ft.=0.0929m 2

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	A	B	C	B	C	C
S	C	C	C	C	C	C

Notes:

1. In vertical exitways of buildings three storeys 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.

EXHIBIT E (pg.23)

Table 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 storeys or more high.
3. One storey repair garages exceeding 15,000 sq.ft. (1,395 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 5,000 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 (pg. 24)

Table 1606.2A

Velocity Pressure (q) (psf)

Fastest Mile Wind Speed (V) _z 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