

NOTES: N.R. — Not required
N.A. — Not applicable

ADMINISTRATION (Chapter 1)

_____ Complete construction documents
(107.1, 107.2)

_____ Signed/sealed construction documents
(107.1, State laws vary)

BUILDING PLANNING (Chapters 3, 4, 5, 6)

OCCUPANCY CLASSIFICATION (302 - 312, 508, 509)

_____ Single Occupancy (302.1)

_____ Incidental uses (509, Table 509.1)

_____ Mixed Occupancy (508.1)

_____ Accessory occupancies (508.2)

GENERAL BUILDING LIMITATIONS (Chapters 5 & 6)

Apply Case 1 to determine the allowable height and area and permitted types of construction for a building containing a single occupancy or nonseparated mixed occupancies. Apply Case 2 to determine the allowable height and area and permitted types of construction for a building containing separated mixed occupancies.

FRONTAGE INCREASE

Frontage (506.3)	_____ North	_____ East	_____ South	_____ West
Total Frontage _____ ft.	Perimeter _____ ft.			
Minimum width of open space = _____				
Area Factor Increase due to frontage, I_f = _____ (Table 506.3.3)				

CASE 1 — SINGLE OCCUPANCY OR NONSEPARATED MIXED OCCUPANCIES (508.3)

Using Tables 504.3, 504.4 and 506.2, identify the allowable height and area of the single occupancy or the most restrictive of the nonseparated mixed occupancies. Construction types that provide an allowable building area and height equal to or greater than the actual building area and height are permitted.

DETERMINE CONSTRUCTION TYPE

Actual building area _____ ft²

Tabular allowance area (A_t) _____ ft²

Tabular allowance area for nonsprinklered
buildings (NS) _____ ft²

Allowable building area _____ ft²

$$A_a = A_t + (NS \times I_f)$$

Actual building height _____ feet _____ stories

Allowable building height _____ feet _____ stories

Permitted types of construction _____

Type of construction assumed
for review (602.1) _____

CHECK MAXIMUM ALLOWABLE AREA (506.2.1)

Total floor area (all stories) _____ ft²

Maximum allowable floor area (all stories)

$$\frac{\text{Allowable building area } (A_a)}{\text{number of stories above grade plane (maximum 3) } (S_a)} \times \text{Total floor area} = \text{_____ ft}^2$$

Compliance verified _____

INTERIOR FINISHES (Chapter 8)

_____ Smoke development (803.1.1, 803.1.2, 803.13, Table 803.13)	_____ HDPE/PP/site-fabricated stretch systems/ laminated products/wood facings (803.9 - 803.12)
_____ Flame spread (803.1.1, 803.1.2, 803.13, Table 803.13)	_____ Floor finish (804)
_____ Textile/expanded vinyl coverings (803.5 - 803.8)	_____ Combustible materials (805)
	_____ Decorative materials and trim (806)
	_____ Acoustical ceiling systems (808)

FIRE PROTECTION AND LIFE SAFETY SYSTEMS (Chapter 9)

AUTOMATIC SPRINKLER SYSTEMS (903) (Where required)

_____ Assembly (A-1, A-2, A-3, A-4, A-5) (903.2.1)
_____ Ambulatory care facilities (B) (903.2.2)
_____ Educational (E) (903.2.3)
_____ Factory/Industrial (F-1) (903.2.4)
_____ High-hazard (H-1, H-2, H-3, H-4, H-5) (903.2.5)
_____ Institutional (I-1, I-2, I-3, I-4) (903.2.6)
_____ Mercantile (M) (903.2.7)
_____ Residential (R) (903.2.8)
_____ Storage/Repair garage (S-1) (903.2.9)
_____ Parking garages (903.2.10)
_____ Windowless story (903.2.11.1)
_____ Rubbish and linen chutes (903.2.11.2)
_____ Buildings at least 55 ft. high (903.2.11.3)
_____ Incidental uses (Table 509.1)
_____ Additional required systems (Table 903.2.11.6)
_____ International Fire Code (IFC 903.2.11.6)

AUTOMATIC SPRINKLER SYSTEMS* (903) (Design)

_____ Shop drawings (107.2.2)
_____ NFPA 13 system (903.3.1.1)

_____ NFPA 13R system (903.3.1.2)
_____ NFPA 13D system (903.3.1.3)
_____ Quick-response and residential heads (903.3.2)
_____ Actuation (903.3.4)
_____ Water supplies (903.3.5)
_____ Hose threads (903.3.6)
_____ Fire department connections (903.3.7)
_____ Limited area sprinkler system (903.3.8)
_____ Sprinkler monitoring and alarms (903.4)

* Also see Fire Code Sprinkler Plan Review Record

ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS (904)

_____ Installation (904.3)
_____ Wet-chemical systems (904.5)
_____ Dry-chemical systems (904.6)
_____ Foam systems (904.7)
_____ Carbon dioxide systems (904.8)
_____ Halon systems (904.9)
_____ Clean-agent systems (904.10)
_____ Automatic water mist system (904.11)
_____ Aerosol fire-extinguishing systems (904.12)
_____ Commercial cooking systems (903.2.11.5, 904.2.2, 904.13)
_____ Domestic cooking systems (904.14)