

INTERIOR FINISHES (Chapter 8)

Smoke development (803.3.2) _____
 Flame spread (803.3.3) _____
 Floor finish (805.0, 806.0) _____
 Interior hangings and decorations (807.0) _____

FIRE PROTECTION SYSTEMS (Chapter 9)

FIRE SUPPRESSION SYSTEMS (Where required)
 Assembly (A-1, A-3, A-4) (904.2) _____
 Assembly (A-2) (904.3) _____
 Educational (E) (904.4) _____
 High-hazard (H) (904.5) _____
 Institutional (I) (904.6) _____
 Mercantile (M), Moderate-hazard storage (S-1), Factory and Industrial (F-1) (904.7) _____
 Residential (R-1) (904.8) _____
 Residential (R-2) (904.9) _____
 Residential care (904.10) _____
 Windowless story (904.11) _____
 Specific occupancy areas (302.1.1, 904.12) _____
 Covered mall buildings (402.10) _____
 High-rise buildings (403.2, 403.3) _____
 Atriums (404.2, 404.3) _____
 Underground structures (405.3) _____
 Public garages (408.3.1) _____
 Sound stages (411.7) _____
 Stages and enclosed platforms (412.6) _____
 Special amusement buildings (413.4) _____
 HPM facilities (416.4) _____
 Paint spray booths and storage rooms (419.3) _____
 Unlimited area buildings (507.1) _____
 Exit discharge lobbies (1020.4) _____
 Drying rooms (2808.4) _____
 Waste- and linen-chutes/termination rooms (2809.6) _____
 Refuse vaults (2810.4) _____

FIRE SPRINKLER SYSTEMS*
 NFPA 13 system (906.2.1) _____
 NFPA 13R system (906.2.2) _____
 NFPA 13D system (906.2.3) _____
 Design (906.3) _____
 Actuation (906.4) _____
 Sprinkler alarms (906.5) _____
 Sprinkler riser (906.7) _____

*See also Oprelure + Plan view Record

LIMITED AREA SPRINKLER SYSTEMS

Where permitted (907.2) _____
 Design (907.3) _____
 Actuation (907.4) _____
 Standpipe connection (907.6) _____
 Domestic supply (907.6.1) _____
 Cross-connection (907.6.2) _____
 Shutoff valve (907.6.3) _____

OTHER SUPPRESSION SYSTEMS

Water-spray fixed systems (908.0) _____
 Carbon dioxide extinguishing systems (909.0) _____
 Dry-chemical extinguishing systems (910.0) _____
 Foam-extinguishing systems (911.0) _____
 Halogenated extinguishing systems (912.0) _____
 Clean agent fire extinguishing systems (913.0) _____
 Wet-chemical range hood extinguishing systems (914.0) _____

STANDPIPE SYSTEMS

Building height (915.2.1) _____
 Building area (915.2.2) _____
 Malls (915.2.3) _____
 Stages (915.2.4) _____
 Approved system (915.3, 915.3.1) _____
 Piping design (915.4) _____
 Water supply (915.5) _____
 Control valves (915.6) _____
 Hose connection (915.7) _____

FIRE DEPARTMENT CONNECTIONS

Required (916.1) _____
 Connections (916.2) _____

YARD HYDRANTS

Fire hydrants (917.1) _____

FIRE ALARM SYSTEMS

Assembly (A-4), Educational (E) (918.4.1) _____
 Business (B) (918.4.2) _____
 High-hazard (H) (918.4.3) _____
 Institutional (I) (918.4.4) _____
 Residential (R-1) (918.4.5) _____
 Residential (R-2) (918.4.6) _____
 Location/details (918.5) _____
 Power supply/wiring (918.6, 918.7) _____
 Alarm-notification appliances (918.8) _____
 Voice/alarm signaling system (918.9) _____

AUTOMATIC FIRE DETECTION SYSTEMS

Approval (919.3) _____
 Institutional (I) (919.4.1, 919.4.2, 919.4.3) _____
 Residential (R-1) (919.4.4) _____
 Sprinklered buildings exception (919.5) _____
 Zones (919.6) _____

SINGLE- AND MULTIPLE-STATION SMOKE DETECTORS

Residential (R-1) (920.3.1) _____
 Residential (R-2, R-3) (920.3.2) _____
 Institutional (I) (920.3.3) _____
 Interconnection (920.4) _____
 Battery backup (920.5) _____

FIRE EXTINGUISHERS

Approval (921.1) _____
 Required (921.2) _____

SMOKE CONTROL SYSTEMS

Passive system (922.2.1) _____
 Mechanical system (922.2.2) _____
 Smoke removal (922.3) _____
 Activation (922.4) _____
 Standby power (922.5) _____

SMOKE AND HEAT VENTS

Size and spacing (923.2) _____

SUPERVISION

Fire suppression systems (924.1) _____
 Fire alarm systems (924.2) _____

CASE 2 — MIXED USE SEPARATED USE GROUPS (313.1.2)

Using Table 503, identify the allowable height and area of each of the separated use groups within the building. Construction types that provide, for each story of the building, tabular areas which result in a sum of the ratios of 1.00 or less and allowable heights (as modified by Section 504.0) equal to or greater than the actual height of the use group are permitted.

Story	Use Group	Actual floor area	Adjusted floor area*	Actual height	Allowable height (Table 503)
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft
		ft ²	ft ²	ft	ft

*Adjusted floor area = actual floor area/conversion factor

Σ Allowable area (Table 503) _____ + _____ = _____
 Σ permitted types of construction _____ Type of construction assumed for review (602.2) _____

UNLIMITED AS ONE-STORY BUILDINGS

Use group classification (507.1)	School buildings (507.1.1)
Building height (story, feet) (507.1)	High-hazard use groups (507.1.2)
Type of construction (507.1)	Exterior walls (507.2)
Automatic sprinkler system (507.1, 904.12)	
Area limitation (505.2)	MEZZANINES
Egress (505.3)	Openness (505.4)

SPECIAL USE AND OCCUPANCY (Chapter 4)

Tenant separations (402.4)	Parking structures (402.15)
Egress (402.5)	Smoke control (see Atriums)
Wall width (402.6)	HIGH-RISE BUILDINGS
Structural elements (402.7)	Automatic sprinkler system (403.2)
Roof coverings (402.8)	Alternative sprinkler modifications (403.3)
A-1, A-2 occupancy (402.9)	Automatic fire detection (403.4)
Automatic sprinkler system (402.10)	Voice/alarm signaling systems (403.5)
Standpipes (402.11)	Fire department communication (403.6)
Fire department access (402.12)	Fire command station (403.7)
Kiosk requirements (402.14)	Elevators (403.8)
	Standby systems (403.9)
	Stairway doors (403.10)

MEANS OF EGRESS (continued)

General limitations (1005.0)	_____	Ramps (1016.0)	NONE
Minimum in egress paths (1005.7)	N/A	Means of egress doorways (1017.0)	✓
Type and location of egress (1006.0)	✓	Number of doorways (1017.2)	✓
Exit access travel distance (1006.5 and Table 1006.5)	✓	Size of doors (1017.3)	✓
Accessible means of egress (1006.0)	N/A	Door hardware (1017.4)	✓
Escalator (1010.4)	N/A	Revolving doors (1018.0)	NONE
Exit access passageways and corridors (1011.0)	NONE	Horizontal exits (1019.0)	N/A
Aisles and accessways (1012.0)	NA	Discharge from exit stairways (1020.0)	✓
Landings (1013.0)	✓	Guards (1021.0) - MUST BE 42"	✓
Interior stairways (1014.1 - 1014.11)	✓	Handrails (1022.0)	✓
Exterior stairways (1014.1 - 1014.10, 1014.12)	OK	Exit signs and lights (1023.0)	SEE SIGN
Smokeproof enclosures (1015.0)	N/A	Means of egress lighting (1024.0)	✓
		Access to roof (1027.0)	NA

ACCESSIBILITY* (Chapter 11)

Required (1103.0)	_____	Special use groups (1107.0)	_____
Accessible route (1104.0)	_____	Features and facilities (1108.0)	_____
Parking facilities (1105.0)	_____	Warnings and signage (1109.0)	_____
Accessible entrances (1106.0)	_____		_____
*See also Accessibility Plan Review Record			

INTERIOR ENVIRONMENT (Chapter 12)

Room dimensions (1204.0)	_____	Air-borne noise (STC) (1214.2)	_____
Roof spaces (1210.1, 1211.2)	_____	Structure-borne sound (IIC) (1214.3)	_____
Crawl spaces (1210.2, 1211.1)	_____	Ratproofing (1215.0)	_____

BUILDING ENVELOPE (Chapters 13*, 14, 15)

EXTERIOR WALL COVERINGS (Chapter 14)

Construction documents (1403.0)	_____	Wall sidings and veneers (1405.0, 1406.0)	_____
Performance requirements (1404.0)	_____	Combustible material restrictions (1407.0)	_____

*See also Code Requirements for Other Building Review Documents

