

**INTERIOR FINISHES (Chapter 8)**

Smoke development (803.3.2) \_\_\_\_\_ Floor finish (805.0, 806.0) \_\_\_\_\_  
 Flame spread (803.4) \_\_\_\_\_ 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 (508.1) \_\_\_\_\_  
 Exit discharge buildings (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 Sprinkler Plan Review 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) \_\_\_\_\_  
 Shut-off 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) \_\_\_\_\_  
 (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) \_\_\_\_\_

CPUS 2 — MIXED USE SEPARATED USE UOS (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)
1+2	B	19193 ft <sup>2</sup>	64800 ft <sup>2</sup>	30 stories	30 stories
1	S1	18532 ft <sup>2</sup>	37800 ft <sup>2</sup>	30 ft	30 stories
1	S2	1312 ft <sup>2</sup>	6480 ft <sup>2</sup>	30 ft	30 stories
2	S2	5499 ft <sup>2</sup>	6480 ft <sup>2</sup>	30 ft	30 stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft	stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft	stories
		ft <sup>2</sup>	ft <sup>2</sup>	ft	stories

\*Adjusted floor area = actual floor area/conversion factor  
 $\Sigma$  Adjusted floor area =  $300 + 492 + 29 = 806.7 \leq 1.00$

Allowable area (Table 503) All except SA Type of construction assumed for review (602.3) 2C

UNLIMITED ONE-STORY BUILDINGS

Use group classification (507.1) AD School buildings (507.1.1)  
 Building height (story, feet) (507.1) 10 High-hazard use groups (507.1.2)  
 Type of construction (507.1) AD Exterior walls (507.2)  
 Automatic sprinkler system (507.1, 904.12) AD  
750 SQ FT SKYLIGHT - 470 - 33 MEZZANINES AD LESS THAN 10 PERSON OCCUPANCY  
SINGLE STAIRWAY AD LOADS  
 Area limitation (505.2) AD Openness (505.4)  
 Egress (505.3) AD

SPECIAL USE AND OCCUPANCY (Chapter 4)

COVERED MALL BUILDINGS  
 Tenant separations (402.4) \_\_\_\_\_  
 Egress (402.5) \_\_\_\_\_  
 Mailwidth (402.6) \_\_\_\_\_  
 Structural elements (402.7) \_\_\_\_\_  
 Roof coverings (402.8) \_\_\_\_\_  
 A-1, A-2 occupancy (402.9) \_\_\_\_\_  
 Automatic sprinkler system (402.10) \_\_\_\_\_  
 Standpipes (402.11) \_\_\_\_\_  
 Fire department access (402.12) \_\_\_\_\_  
 Kiosk requirements (402.14) \_\_\_\_\_

HIGH-RISE BUILDINGS  
 Automatic sprinkler system (403.2) \_\_\_\_\_  
 Alternative sprinkler modifications (403.3) \_\_\_\_\_  
 Automatic fire detection (403.4) \_\_\_\_\_  
 Voice alarm signaling systems (403.5) \_\_\_\_\_  
 Fire department communication (403.6) \_\_\_\_\_  
 Fire command station (403.7) \_\_\_\_\_  
 Elevators (403.8) \_\_\_\_\_  
 Standby systems (403.9) \_\_\_\_\_  
 Stairway doors (403.10) \_\_\_\_\_

MEANS OF EGRESS (continued)

General limitations (1005.0) NONE Ramps (1016.0)  
 Air movement in egress elements (1005.7) \_\_\_\_\_ 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)  
PER STAIR Accessible means of egress (1007.0) NONE Door hardware (1017.4)  
N/A Emergency escape (1010.4) NONE Revolving doors (1018.0)  
 Exit access passageways and corridors (1011.0) \_\_\_\_\_ Horizontal exits (1019.0)  
N/A Discharge from exit stairways (1020.0) \_\_\_\_\_  
N/A Aisles and accessways (1012.0) \_\_\_\_\_ Guards (1021.0)  
N/A Grandstand (1013.0) \_\_\_\_\_ Handrails (1022.0)  
HR Interior stairways (1014.1 - 1014.11) \_\_\_\_\_ Exit signs and lights (1023.0)  
NONE Exterior stairways (1014.1 - 1014.10, 1014.12) \_\_\_\_\_ Means of egress lighting (1004.0)  
N/A Smokeproof enclosures (1015.0) \_\_\_\_\_ Access to roof (1027.0)

ACCESSIBILITY (Chapter 11)

Required (1103.0) \_\_\_\_\_ Special use groups (1107.0)  
PER ROUTE Accessible route (1104.0) AD Feature and facilities (1108.0)  
 Parking facilities (1105.0) \_\_\_\_\_ Warning and signage (1109.0)  
 Accessible entrances (1106.0) \_\_\_\_\_  
 \*See also Accessibility Plan Review Record

INTERIOR ENVIRONMENT (Chapter 12)

Room dimensions (1204.0) \_\_\_\_\_ Acoustic noise (SPL) (1214.2)  
 Roof spaces (1210.1, 1211.2) \_\_\_\_\_ Structure-borne sound (IIC) (1214.3)  
AD \_\_\_\_\_ Rafter/roofing (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) N/A Combustible material restrictions (1407.0)

\*See Energy Conservation Plan Review Record



CORRECTION LIST (cont'd.)		
No.	DESCRIPTION	Code Section
	Need info regarding exhaust for rear area.	
	1.5 CFM / PE SAFE TABLE W/ 1604.3 1993 BCAA MECH	
	878-5235	
	TITAN MECH	
	John Vaccaro	
	Door schedule that corresponds to door number on plan not shown on A4.0 or in spec book.	
	End of Dwp. HUMAN	
	Window/Store front load <del>to</del> impact code + TESTING SQUARE CHAIR 24	

LIGHT-TRANSMITTING PLASTIC (2604.0-2610.0)

Diffusing systems (2604.5) \_\_\_\_\_

Wall panels (2605.0) \_\_\_\_\_

Unprotected openings (2606.0) \_\_\_\_\_

Roof panels (2607.0) \_\_\_\_\_

Skylight glazing (2608.0) \_\_\_\_\_

Plastic canopies (2610.0) \_\_\_\_\_

**BUILDING SERVICES\* (Chapters 28, 30)**

**MECHANICAL SYSTEMS (Chapter 28)**

Equipment platforms (2805.0) NA

Plenums (2807.0) ✓

Waste- and linen-handling systems (2809.0) NA

Refuse vaults (2810.0) NA

**ELEVATORS AND CONVEYING SYSTEMS (Chapter 30)**

Construction standard specified (3001.2) \_\_\_\_\_

Elevator emergency operation (3006.2) NA

Hoistway enclosure (3007.1) \_\_\_\_\_

Construction standard specified (3007.2) \_\_\_\_\_

Venting (3007.3 - 3007.6) \_\_\_\_\_

Opening protectives (3008.2) \_\_\_\_\_

Conveyors and escalators (3010.0, 3011.0) \_\_\_\_\_

\*See also Mechanical, Plumbing and Electrical Plan Review Records

**SPECIAL CONSTRUCTION AND CONDITIONS (Chapters 31, 34)**

**SPECIAL CONSTRUCTION (Chapter 31)**

Membrane structures (3103.0) \_\_\_\_\_

Flood-resistant construction (3107.0) \_\_\_\_\_

Towers (3108.0) \_\_\_\_\_

PEDESTRIAN WALKWAYS (3106.0) \_\_\_\_\_

Construction and use (3106.1 - 3106.3) \_\_\_\_\_

Separation (3106.4) \_\_\_\_\_

Local approval (3106.5) \_\_\_\_\_

Egress and size (3106.6 - 3106.8) \_\_\_\_\_

**EXISTING STRUCTURES (Chapter 34)**

**ADDITIONS, ALTERATIONS OR CHANGE OF OCCUPANCY**

General requirements (3402.0) \_\_\_\_\_

Structural loads (1614.0, 3402.5) \_\_\_\_\_

Accessibility (1110.0, 3402.7) \_\_\_\_\_

Additions/alterations (3403.0, 3404.0) \_\_\_\_\_

Change of occupancy (1110.3, 3405.0) \_\_\_\_\_

Compliance alternative evaluation (3408.0) \_\_\_\_\_