

INDEX

A

ACCESS OPENINGS

- Attic 1209.2
- Crawl space 1209.1
- Doors 711.3.2
- Fire damper 716.4
- Fire department 402.16
- Mechanical appliances 1209.3
- Refuse/laundry chutes 707.13.3

ACCESSIBILITY Chapter 11

- Airports E110
- Assembly seating 1108.2, 1109.10
- Bus stops E108
- Detectable warnings 1109.9
- Detention and correctional facilities . . . 1103.2.13, 1107.5.5, 1108.4.2, 3409.8.7, E101.1
- Dining areas 1108.2.8
- Dwelling units 1107, 3409.8.7
- Egress 1007
- Elevators 1007.2.1, 1007.4, 1109.6, 3001.3, 3409.8.2
- Employee work areas 907.9.1.2, 1103.2.3, 1104.3.1
- Entrances 1105, 3409.8.1, 3409.9.3
- Escalators 3409.8.4
- Existing buildings 1103.2.2, 3409
- Historic buildings 3409.9
- Judicial facilities 1108.4, 3409.8.7
- Lifts 1007.5, 1109.7, 3409.8.3
- Maintenance 3409.2
- Parking and passenger loading facilities . . . 1106
- Performance areas 1108.2.7, 3409.8.6
- Platform, raised E103.1
- Ramps 1010, 3409.8.5
- Recreational facilities 1109.14
- Route 1104, 1107.4, 3409.7, 3409.9.1, 3409.9.2
- Scoping 1101, 1103.1, 3409.1, E101.1
- Service facility . . . 1109.12, 3409.8.10, 3409.8.11
- Signage 1110, E107
- Sleeping units 1107, 3409.8.7
- Storage 1108.3, 1109.8
- Telephone E106
- Toilet and bathing facilities 1109.2, 3409.8.9, 3409.9.4, E105.1
- Transient lodging 1103.2.11, 1107.6.1, 3409.8.7, E104.1
- Transportation facilities and stations E109

ACCESSIBLE MEANS OF EGRESS 1007

ADMINISTRATION Chapter 1

ADOBE CONSTRUCTION 2102.1, 2109.8

AGRICULTURAL BUILDINGS (GROUP U) 312.1, 1103.2.5, Appendix C

AIR CONDITIONING (see MECHANICAL) 101.4.3, 2801.1, 3006.2

AIR INTAKES (YARDS OR COURTS) 1206.3.2

AIRCRAFT HANGARS 412.2

Aircraft paint hangars 412.4, 507.8

Basements 412.2.2

Construction exterior walls 412.2.1

Heliports and helistops 412.5

Residential 412.3, 907.2.21

Unlimited height 504.1

AIRCRAFT-RELATED OCCUPANCIES 412

Airport traffic control towers 412.1, 907.2.22

Egress 412.1.3

Fire detection systems, automatic 412.1.4, 907.2.22

Standby power 412.1.5, 2702.2.18

Type of construction 412.1.2

AISLE

Assembly seating 1025

Bleachers 1025.1.1

Check-out 1109.12.2, 3409.8.11

Converging 1025.9.3

Egress 1014.4

Folding and telescopic seating 1025.1.1

Grandstands 1025.1.1

Obstructions 1025.9.6

Tents 3103.4

Walking surfaces 1025.11

Width 1025.9.1

ALARM SYSTEMS, EMERGENCY 908

ALARMS, FIRE (see FIRE ALARM AND DETECTION SYSTEMS)

ALARMS, VISIBLE 907.9.1

ALARMS, VOICE

High-rise buildings 907.2.12.2

ALLOWABLE STRESS DESIGN 1602.1

Load combinations 1605.3

Masonry design 2101.2.1, 2107

Wood design 2301.2, 2306

ALTERATIONS 3403

Accessibility 3409.6

Compliance alternatives 3410

ALTERNATIVE MATERIALS, DESIGN AND METHODS 104.11

- ALTERNATING TREAD DEVICES** 1009.9
 Construction 1009.9.2
 Galleries, catwalks and gridirons 1015.6.1
- ALUMINUM** 1404.5.1, 1604.3.5, Chapter 20
- AMUSEMENT BUILDING, SPECIAL** 411
 Emergency voice/
 alarm communications system 411.6
 Exit marking 411.7
 Fire detection, automatic 411.3
 Interior finish 411.8
 Smoke detection system 907.2.11
 Sprinklers, automatic 411.4
- AMUSEMENT PARK STRUCTURES** 303
- ANCHOR STORE (see COVERED MALL BUILDINGS)** 402.2
 Construction type 402.6
 Means of egress 402.4.3.1
 Occupant load 402.4.1.3
- ANCHORAGE** 1604.8
 Braced wall line sills 2308.3.3
 Concrete 1911, 1912
 Concrete walls 1604.8.2
 Conventional light-frame
 construction 2308.11.3.1,
 2308.12.7, 2308.12.9
 Decks 1604.8.3
 Empirical design of masonry 2109.7
 Masonry walls 1604.8.2, 2106.2
 Perforated shear walls 2305.3.8.2
 Seismic anchorage for
 masonry chimneys 2113.4
 Seismic anchorage for
 masonry fireplaces 2111.4
 Wood sill plates 2305.3.11, 2308.3.3
- APARTMENT HOUSES** 310.1
- APPEALS** 112
- ARCHITECT (see definition for REGISTERED DESIGN PROFESSIONAL)**
- ARCHITECTURAL TRIM** 1406.2.2
- AREA, BUILDING** Chapter 5
 Enclosed parking garage 509.2, 509.3, 509.4
 Limitations 503, 505
 Membrane structures 3102.4
 Mezzanines 505.2
 Mixed construction types 3102.6
 Mixed occupancy 508
 Modifications 506
 Open parking garage 509.2, 509.3,
 509.4, 509.7, 509.8
 Residential aircraft hangars 412.3.6,
 Unlimited 503.1.3, 506.2.1, 507
- AREA FOR ASSISTED RESCUE, EXTERIOR (see EXTERIOR AREAS FOR ASSISTED RESCUE)**
- AREA OF REFUGE** 1007.6
- ASSEMBLY OCCUPANCY (GROUP A)** 303, 1025
 Accessory 508.3.1
 Aisles 1025.9
 Bleachers (see BLEACHERS)
 Egress, special provisions 1008.1.9
 Fire alarms 907.2.1
 Folding and telescopic seating 1025.1.1
 Grandstands (see GRANDSTANDS)
 Interior finishes Table 803.5
 Live load Table 1607.1
 Motion picture theaters 507.10
 Panic hardware 1008.1.9
 Seating, fixed (see SEATING, FIXED)
 Seating, smoke-protected 1025.6.2
 Sprinklers 507.3, 507.6, 507.10, 903.2.1
 Standby power systems 2702.2.1
 Standpipes 905.3.2
- ASSISTED LIVING (see RESIDENTIAL CARE/ASSISTED LIVING FACILITIES)**
- ATRIUM** 404
 Automatic sprinkler protection 404.3
 Enclosure 404.5
 Fire alarm system 907.2.13
 Interior finish 404.7
 Smoke control 404.4, 909
 Standby power 404.6
 Use 404.2
- ATTIC**
 Access 1209.2
 Combustible storage 413.2
 Draftstopping 717.4
 Insulation 719.3.1
 Live load Table 1607.1
 Unusable space fire protection 711.3.3
 Ventilation 1203.2
- AUDITORIUM** 303.1
 Accessibility 1108.2
 Foyers and lobbies 1025.4
 Interior balconies and galleries 1025.5
 Motion picture projection rooms 409
 Stages and platforms 410
- AUTOMOBILE PARKING GARAGE (see GARAGE, AUTOMOBILE PARKING)** 406
- AWNINGS**
 Design and construction 3105.3
 Drainage, water 3201.4
 Live load 1607.11.2.4
 Plastic 2606.10
 Public right-of-way encroachments 3202.2.3,
 3202.3.1

B

BALCONIES 1014.5
 Accessibility 1108.2.3
 Construction requirements 1406.3
 Egress, means of 1014.5, 1016.3, 1025.5
 Emergency escape 1026.1
 Encroachments 3202.3.2
 Exterior 1602.1, 1016.3
 Guards 1013.1
 Interior 1025.5
 Live load Table 1607.1
 Projection 704.2, 1406.3
 Travel distance 1016.3
BARBECUES 2801
BARRIERS, VEHICLE 406.2.4, 1602.1, 1607.7.3
BASEMENT (see UNDERGROUND BUILDINGS)
 Aircraft hangars 412.2.2
 Area modification 506.1
 Considered a story 502.1
 Emergency escape 1026
 Flood loads 1612.2
 Height modifications for 509.2, 509.3,
 509.4, 509.5
 Prohibited 415.4, 415.5,
 415.6.3.5, 415.8.5.2.2, 418.1
 Rodentproofing Appendix F
 Sprinklers 903.2.10.1
 Waterproofing and dampproofing 1807
BASEMENT WALLS
 Concrete Table 1904.2.2, 1909.6.1
 Soil loads 1610.1
 Waterproofing and dampproofing 1807
BASIC WIND SPEED 1609.3
BAY AND ORIEL WINDOWS 1406.4
BLEACHERS 303.1
 Accessibility 1108.2
 Egress 1025.1.1
 Footboards 1025.1.1
 Occupant load 1004.7
BLOCK (see CONCRETE BLOCK, and GLASS UNIT MASONRY)
BOARD OF APPEALS 112, Appendix B
 Application for appeal B101.1
 Alternate members B101.2.1
 Board decision B101.4
 Limitations on authority 112.2
 Membership of board B101.2
 Notice of meeting B101.3
 Qualifications 112.3, B101.2.2
BOILER ROOM
 Exits 1015.3

BOLTS 2204.2
 Anchors 1912, 1913, 2103.13.5, 2204.2.1
 High strength, steel 1704.3.3
BONDING, MASONRY 2103.9, 2109.6, 2109.7.2.1
BRACED WALL LINE 2302.1, 2308.3
 Bracing 2309.3
 Seismic requirements 2308.12.3, 2308.12.4
 Sill anchorage 2308.3.3
 Spacing 2308.3.1
 Support 2308.3.4
BRACED WALL PANEL 2302.1, 2308.9.3
 Alternative bracing 2308.9.3.1, 2308.9.3.2
 Connections 2308.3.2
BRICK (see MASONRY)
 Calculated fire resistance 721.4
 Foundations 1805.5
 Veneer 1405.5, 1405.9
BUILDING
 Access, fire department 402.16
 Area (see AREA, BUILDING) Chapter 5
 Demolition 3303
 Existing Chapter 34
 Height (see HEIGHT, BUILDING) Chapter 5
 Occupancy classification Chapter 3
BUILDING DEPARTMENT 103
BUILDING OFFICIAL
 Duties and powers 104
 Qualifications A101.1
 Records 104.7
 Termination A101.4
BUILT-UP ROOFS 1507.10
BUSINESS OCCUPANCY (GROUP B) 304
 Aisles 1014.4.1
 Educational above 12th grade 304.1
 Fire alarm 907.2.2
 Parking under 509.2, 509.7, 509.8

C

CABLES, STEEL STRUCTURAL 2207
CALCULATED FIRE RESISTANCE (see FIRE RESISTANCE, CALCULATED)
CANOPIES 3105
 Fire district D102.2.8
 Live load 1607.11.2.4
 Materials 3105.4
 Motor vehicle service stations 406.5.2
 Permanent D102.2.8
CARPET
 Floor covering 804.2
 Textile wall coverings 803.6.1
 Textile ceiling finish 803.6.2

CATWALKS

- Means of egress 410.3.2, 1015.6.1
- Sprinklers 410.6

CEILING

- Height 409.2, 909.20.4.3, 1205.2.2, 1208.2
- Interior finish 803
- Penetration of fire resistant assemblies 707, 712.4, 716.2, 716.6
- Suspended acoustical 803.9.1.1

CELLULOSE NITRATE FILM 409.1, 903.2.4.3**CERAMIC TILE**

- Material requirements 2103.5
- Mortar 2103.10

CERTIFICATE OF OCCUPANCY 110**CHILD CARE (see DAY CARE) 305.2, 308.3.1, 308.5.2, 407.1****CHIMNEYS 2102.1, 2111**

- Factory-built 717.2.5

CHURCHES

(see RELIGIOUS WORSHIP, PLACES OF)

CIRCULAR STAIRS (see CURVED STAIRWAYS)**CLAY ROOF TILE 1507.3**

- Testing 1715.2

COAL POCKETS 415.6.1.6**COLD STORAGE,****FOAM PLASTIC INSULATION 2603.3, 2603.5**

- Thermal barrier 2603.4, 2604.1.1, 2604.1.3

COLD-FORMED STEEL 2202.1, 2209

- Special inspection for seismic resistance . . 1707.4
- Light-frame construction 2210

COMBUSTIBLE DUSTS 415.6.1**COMBUSTIBLE LIQUIDS 415.6.2****COMBUSTIBLE MATERIAL**

- High-pile stock or rack storage 413.1, 910.2.2
- In concealed spaces 413.2, 717.5
- In Type I and Type II 603, 805.1
- On exterior side of exterior wall 1406

COMBUSTIBLE PROJECTIONS 704.2, 1406.3**COMBUSTIBLE STORAGE 413, 910.2.2****COMMON PATH OF EGRESS TRAVEL 1014.3****COMPARTMENTATION**

- Underground buildings 405.4
- Values 3410.6.3

COMPLIANCE ALTERNATIVES 3410**COMPRESSED GAS 307.2, 415.8.7.2.2****CONCEALED SPACES 413.2, 717****CONCRETE Chapter 19**

- Anchorage 1911, 1912
- Calculated fire resistance 721.2
- Conduits embedded in 1906
- Construction documents 1901.4
- Construction joints 1906

Curing 1905.11

Durability 1904

Exposure conditions 1904

Footings 1805.4.2

Formwork 1906

Foundation walls 1805.5

Materials 1704.4.1, 1903

Mixing 1905

Pipe columns, concrete-filled 1915

Pipes embedded in 1906

Placing 1905

Plain, structural 1909

Proportioning 1905.2

Quality 1905

Reinforced gypsum concrete 1914

Reinforcement 1907

Rodentproofing Appendix F

Roof tile 1507.3, 1715.2

Shotcrete 1913

Slab, minimum 1910

Special inspections 1704.4, Table 1704.4

Specifications 1903

Strength testing 1704.4.1, 1905.6

Wood support 2304.12

CONCRETE MASONRY

Calculated fire resistance 721.3

Construction 2104

Design 2101.2

Materials 2103.1

Surface bonding 2109.2.3

Testing 2105.2.2.1.2

Wood support 2104.1.6, 2304.12

CONCRETE ROOF TILE 1507.3

Wind resistance 1609.5.3, 1715.2

CONDOMINIUM (see APARTMENT HOUSES)**CONDUIT, PENETRATION PROTECTION 711.5, 712.3, 1020.1.1****CONFLICTS IN CODE 102.1****CONSTRUCTION DOCUMENTS 106, 1603**

Concrete construction 1901.4

Design load bearing capacity 1802.6

Fire alarm and detection systems 907.1.1

Fire-resistant-joint systems 713

Floor live load 1603.1.1

Masonry 2101.3

Means of egress 106.1.2

Penetrations 712

Permit application 105.1

Retention 106.5

Review 106.3

Roof assemblies 1503

DIAPHRAGMS 1602.1, 2102.1, 2302.1
 Empirical masonry 2109.2.1.2
 Flexible 1613.6.1
 Special inspection 1704.6.1, 1707.3
 Wood 2305.2, 2306.3

DOORS 1008
 Access-controlled 1008.1.3.4
 Emergency escape 1026
 Fire (see OPENING PROTECTIVES) 715.4, 1020.1.1
 Glazing 715.4.6, 1405.12
 Hardware (see LOCKS AND LATCHES) 1008.1.8
 Horizontal sliding 1008.1.3.3
 Landings 1008.1.5
 Operation 1008.1.8
 Panic and fire exit hardware 1008.1.9
 Power operated 1008.1.3.2
 Revolving 1008.1.3.1
 Security grilles 1008.1.3.5
 Side swinging 1008.1.2
 Smoke barrier 709.5
 Structural testing, exterior 1714.5
 Thresholds 1003.5, 1008.1.4, 1008.1.6
 Width 1008.1.1

DRAFTSTOPPING
 Attics 717.4
 Floor-ceiling assemblies 717.3

DRY CLEANING PLANTS 415.6.4

DRYING ROOMS 417

DUCTS AND AIR TRANSFER OPENINGS 704.14, 706.10, 716

DUMBWAITERS 707.14

E

EARTHQUAKE LOADS (see SEISMIC) 1613
 Construction documents 1603.1.5
 Seismic design category 1613.2
 Site class 1613.2, 1613.5.2
 Site classification for seismic design 1613.5.5
 Site coefficients 1613.2, 1613.5.3
 Wind and seismic detailing 1604.10

EAVES (see COMBUSTIBLE PROJECTIONS and CORNICES)

EDUCATIONAL OCCUPANCY (GROUP E) 305
 Day care 305.2
 Egress, special provisions 1008.1.9
 Fire alarm 907.2.3
 Live load Table 1607.1
 Manual fire alarm boxes 907.3

Panic hardware 1008.1.9
 Special occupancy separation 508.3.1, Table 508.3.3
 Sprinkler system 903.2.2

EGRESS (see MEANS OF EGRESS) Chapter 10

ELECTRICAL Chapter 27

ELEVATOR
 Accessibility 1007.2.1, 1007.4, 1109.6, 3001.3, 3409.8.2
 Car size 3002.4
 Construction 707.14
 Control values 3410.6.14
 Conveying systems 3005
 Emergency operations 3002.3, 3002.5, 3003
 High-rise 403.9
 Hoistway enclosures 3002, 3005.3.1
 Hoistway venting 3004
 Lobby 707.14.1, 1007.4
 Machine rooms Table 1607.1, 3006
 Means of egress 1003.7, 1007.2.1, 1007.4
 Number of elevator cars in hoistway 3002.2
 Personnel and material hoists 3005.4
 Seismic requirements 1613
 Shaft enclosure 707.14
 Signs 1007.7
 Standby power 2702.2.5, 2702.2.19

EMERGENCY COMMUNICATIONS
 Area of refuge 1007.6.3

EMERGENCY EGRESS OPENINGS 1026
 Window wells 1026.5

EMERGENCY LIGHTING 1006

EMERGENCY POWER
 Exit signs 1011.5.3, 2702.2.3
 Group I-3 408.4.2, 2702.2.17
 Hazardous 414.5.4, 415.8.10
 High-rise 403.11, 2702.14
 Means of egress illumination 1006.3
 Underground buildings 405.10

EMPIRICAL DESIGN OF MASONRY 2101.2.3, 2109
 Adobe construction 2109.8
 Anchorage 2109.7
 Bond 2109.6
 General 2109.1
 Compressive stress requirements 2109.3
 Lateral stability 2109.2
 Lateral support 2109.4
 Quality assurance 1708.1
 Special Inspection 1704.5
 Thickness of masonry 2109.5

EMPLOYEE
 Accessibility for work areas 907.9.1.2, 1103.2.3, 1104.3.1

Qualifications A101
 Termination of employment A101.4
ENCLOSED, WALKWAY 3104
ENCROACHMENTS INTO THE PUBLIC RIGHT OF WAY Chapter 32
END-JOINTED LUMBER 2303.1.1
ENERGY EFFICIENCY Chapter 13
ENGINEER (see definition for REGISTERED DESIGN PROFESSIONAL)
EQUIVALENT OPENING FACTOR Figure 704.7
ESCALATORS 3005
 Floor opening protection 707.2
 Illumination 2702.2.4
 Means of egress 1003.7
ESSENTIAL FACILITIES (see OCCUPANCY CATEGORY) 1602.1
EXCAVATION, GRADING AND FILL 1803
EXISTING BUILDING
 Accessibility 1103.2.2, 3409
 Additions, alterations, or repairs 3403
 Change of occupancy 3406
 Escalator 3409.8.4
 Flood resistant Appendix G
 Historic 3407, 3409.9
 Moved structures 3408
 Rodentproofing Appendix F
EXIT (see MEANS OF EGRESS) 1018-1023
 Aisles 1014.4
 Aisles with tables 1014.4.3
 Boiler rooms 1015.3
 Construction 706.1
 Corridors 1017
 Courts 1024.5
 Discharge 1024
 Enclosure 1020.1
 Fire resistance 706.3, 1020
 Furnace rooms 1015.3
 Horizontal 1022
 Illumination 1006.1
 Incinerator rooms 1015.3
 Interior finish Table 803.5
 Mezzanines 505.3, 1004.6
 Number, minimum 1019.1
 Passageway 1021
 Path, common 1014.3
 Refrigerated rooms or spaces 1015.5
 Refrigeration machinery rooms 1015.4
 Signs 1011
 Travel distance 1016
 Underground buildings 405.8
EXIT ACCESS (see MEANS OF EGRESS) 1014-1017

EXIT DISCHARGE (see MEANS OF EGRESS) . . 1024
EXIT PASSAGEWAY (see MEANS OF EGRESS) 1021
EXIT SIGNS 1011
 Accessibility 1007.6.4, 1007.6.5, 1007.7, 1007.8.3, 1011.3
 Special amusement buildings 411.7
EXPLOSIVES Table 414.5.1, Table 415.3.1, Table 415.3.2,
EXPOSURE CATEGORY (see WIND LOAD) . . 1609.4
EXTERIOR AREAS FOR ASSISTED RESCUE 1007.8
EXTERIOR WALLS (see WALLS, EXTERIOR) 704, Chapter 14

F

FACTORY OCCUPANCY (GROUP F) 306
 Dead end corridor 1017.3
 Low hazard occupancy 306.3
 Moderate hazard occupancy 306.2
 Smoke and heat vents 910.2
 Travel distance 1016.1
FARM BUILDINGS Appendix C
FASTENING, WOOD CONSTRUCTION 2304.9
FEES, PERMIT 108
 Refunds 108.6
 Related fees 108.5
 Work commencing before issuance 108.4
FENCES 312.1
FIBERBOARD 2302.1, 2303.1.5
 Shear wall 2306.4.4
FILL MATERIAL 1803.5
FINGER-JOINTED LUMBER (see END-JOINTED LUMBER)
FIRE ALARM AND DETECTION SYSTEMS
 Aerosol storage 907.2.16
 Assembly 907.2.1
 Audible alarm 907.9.2
 Battery room 907.2.23
 Construction documents 907.1.1
 Covered mall 907.2.20
 High-rise 907.2.12
 Lumber mills 907.2.17
 Occupancy requirements 907.2
 Special amusement buildings 907.2.11
 Underground buildings 907.2.18, 907.2.19
 Visible alarm 907.9.1
FIRE ALARM BOX, MANUAL 907.3
FIRE BARRIERS 706
FIRE COMMAND STATION 403.7, 403.8, 911
FIRE DAMPERS 716.2-716.5
FIRE DEPARTMENT ACCESS 402.16

FIRE DETECTION SYSTEM, AUTOMATIC

- Airport traffic control towers 412.1.4
- High-rise buildings 403.5
- Institutional occupancy . . . 407.2.1, 407.2.3, 407.6
- Special amusement buildings 411.3

FIRE DISTRICT Appendix D

FIRE DOOR

- (see **OPENING PROTECTIVES**) 714, 1020.1.1

FIRE ESCAPE 3404

FIRE EXTINGUISHERS, PORTABLE 906

FIRE EXTINGUISHING SYSTEMS, NON-WATER BASED 904

FIRE PARTITION 708, 716.5.4

FIRE PROTECTION

- Alarm, audible 907.9.2
- Alarm, emergency systems 908
- Alarms, visible 907.9.1
- Explosion control 414.5.1, 911
- Fire extinguishers, portable 906
- Glazing, rated 715.2
- Smoke and heat vents 910
- Smoke control systems 909
- Sprinkler systems 903

FIRE PROTECTION SYSTEMS 901.2

FIRE RESISTANCE

- Calculated 721
- Conditions of restraint 703.2.3
- Ducts and air transfer openings 716
- Joint systems 713
- Prescriptive 720
- Ratings Chapter 6, 703, 704.5, 706
- Tests 703
- Thermal and sound insulating materials . . . 719.1

FIRE RESISTANCE, CALCULATED 721

- Clay brick and tile masonry 721.4
- Concrete assemblies 721.2
- Concrete masonry 721.3
- Steel assemblies 721.5
- Wood assemblies 721.6

FIRE-RETARDANT-TREATED WOOD 2303.2

- Awnings 3105.3
- Balconies 1406.3
- Canopies 3105.3
- Concealed spaces 717.5
- Fastening 2304.9.5
- Fire wall vertical continuity 705.6
- Partitions 603.1
- Platforms 410.4
- Roof construction Table 601, 705.6, 1505
- Shakes and shingles 1505.6
- Veneer 1405.4

FIRE SEPARATION DISTANCE Table 602, 702

- Exterior walls 1406.2.1.1

FIRE SHUTTER (see OPENING

- PROTECTIVES)** 715.4, 715.4.8, 715.4.9, Table 715.5

FIRE WALLS 705

- Combustible framing 705.7
- Exterior intersecting walls 705.5.1
- Fire-resistance rating 705.4
- Materials 705.3
- Openings, protected 705.8
- Structural stability 705.2

FIRE WINDOWS (see OPENING PROTECTIVES)

FIREBLOCKING 717.2

- Chimneys 717.2.5, 2113.20
- Fireplaces 2111.12
- Wood construction 717.2.1, 717.2.7, 1406.2.4
- Wood stairs 717.2.4

FIREPLACES, FACTORY-BUILT 2111.14.1

FIREPLACES, MASONRY 2102.1

- Combustibles 2111.11
- General provisions 2111
- Hearth extension 2111.9, 2111.10
- Steel units 2111.5.1

FIREWORKS 307.3

FLAMESPREAD 802, Table 803.5

FLAMMABLE FINISHES 416

- Fire protection 416.4

FLAMMABLE AND

COMBUSTIBLE LIQUIDS 415.6.2

FLAMMABLE SOLIDS 307.5, 415.1

FLASHING 1503.2, 1507.3.9, 1507.5.6, 1507.7.6, 1507.8.7, 1507.9.8, 1510.6

- Roof 1503.2

- Wall, veneer 1405.3, 1405.11.7

FLOOD-RESISTANT CONSTRUCTION

- Accessibility 1107.7.5
- Elevation certificate 109.3.3
- Existing 3403.1, 3407.2, 3410.2.4.1
- Flood loads 1602.1, 1603.1, 1612, 3001.2, 3102.7
- Flood resistance 1403.5, 1403.6
- Flood resistant construction Appendix G
- Grading and fill 1803.4, 1807.1.2.1
- Interior finishes 801.1.3
- Site plan 106.2
- Ventilation, under floor 1203.3.2

FLOOR/CEILING (see FLOOR CONSTRUCTION)

FLOOR CONSTRUCTION (see FLOOR CONSTRUCTION, WOOD)

- Draftstopping 717.3

Fire resistance 711
 Live loads 1607.3, 1607.4
 Materials Chapter 6
 Penetration of
 fire-resistant assemblies 711.5, 712

FLOOR CONSTRUCTION, WOOD
 Beams and girders 2304.11.2.4, 2308.7
 Bridging/blocking 2308.8.5, 2308.10.6
 Diaphragms 2305.2
 Fastening schedule 2304.9.1
 Framing 602.4.2, 2304.4
 Joists 2308.8
 Sheathing 2304.7

FLOOR COVERING 804.1, 804.2

FLOOR FINISH, INTERIOR 804

FLOOR LEVEL AT DOORS 1008.1.4

FLOOR LOADS
 Construction documents 1603.1.1
 Live 1607.3, 1607.4
 Posting 1603.3

FLOOR OPENING PROTECTION (see VERTICAL OPENING PROTECTION)

FOAM PLASTICS 402.15.5
 Attics 719.3.1, 2603.4.1.6
 Cold storage 2603.4.1.2
 Concealed 603
 Crawl space 2603.4.1.6
 Density mall signs 402.15.5.1
 Doors 2603.4.1.7
 Exterior walls of multistory buildings 2603.5
 Interior finish 801.2.2, 2603.9, 2604
 Label/identification 2603.2
 Roofing 2603.4.1.5
 Siding backer board 2603.4.1.10
 Stages and platform scenery 410.3.6
 Surface burning characteristics 2603.3
 Thermal barrier requirements 2303.4, 2603.5.2
 Thickness 402.15.5.2
 Trim 806.3, 2604
 Walk-in coolers 2603.4.1.3

FOLDING AND TELESCOPIC SEATING 1025.1.1
 Accessibility 1108.2
 Egress 1025.1.1
 Footboards 1025.1.1
 Occupant load 1004.7

FOOD COURT 402.2
 Occupant load 402.4.1.4

FOOTBOARDS 1025.1.1

FOOTINGS AND FOUNDATIONS 1805

FORMWORK, CONCRETE 1906

FOUNDATION

Basement wall loads 1610
 Footing design 1801.2, 1805.4.1
 Pier 1808, 1812
 Pile
 (see PILE FOUNDATIONS) 1808, 1809,
 1810, 1811
 Required for wood buildings 2308.6
 Rodentproofing Appendix F
 Soils investigation
 (see SOILS AND FOUNDATIONS) 1802.2,
 1802.4
 Special inspections 1704.4, 1704.8, 1704.9
 Waterproofing and dampproofing 1807

FOYERS
 Assembly occupancy 1025.4
 Covered mall 402.1

FRATERNITIES 310

FROST PROTECTION 1805.2.1

FURNACE ROOMS 1015.3

G

GALLERIES

Means of egress 410.3.2, 1015.6.1, 1025.5
 Sprinklers 410.6

GARAGE, AUTOMOBILE PARKING 406.2
 Accessible provisions 1105.1.1,
 1106.11, 1110.1
 Barriers, vehicle 406.2.4, 1607.7.3
 Beneath other occupancies 406.2.7, 509
 Construction type 406.3.3,
 Table 503, Table 601
 Enclosed 406.4
 Guards 406.2.3
 Live load Table 1607.1
 Occupancy separation 508.3.3, 509
 Occupant load Table 1004.1.2
 Open 406.3
 Sprinklers 903.2.9
 Underground 405

GARAGE, REPAIR 406.6
 Floor surface 406.6.4
 Gas-detection system 406.6.6, 908.5
 Sprinklers 903.2.8.1
 Ventilation 406.6.3

GARAGES, TRUCK AND BUS
 Live load 1607.6
 Sprinklers 903.2.9.1

GARAGES AND CARPORTS, PRIVATE 406.1, 508.2
 Area limitations 406.1.2

GATES 1008.2

- GIFT SHOPS** 407.2.4
- GIRDERS**
- Fire resistance Table 601
 - Materials Chapter 6
 - Wood construction 2304.11.2.4, 2308.7
- GLASS (see GLAZING)**
- GLASS BLOCK (see GLASS UNIT MASONRY)**
- GLAZING**
- Athletic facilities 2408
 - Doors 704.12.1, 709.5, 715.4.3.2, 1405.12, 1714.5
 - Fire doors 715.4.4.1, 715.4.6
 - Fire resistant walls 715.4.3.2
 - Fire windows 714.5, 715.5
 - Handrails and guards 1013.1, 2406.3, 2407
 - Identification 2403.1, 2406.2
 - Impact loads 2406.1, 2408.2.1
 - Impact resistance 1609.1.2
 - Jalousies 2403.5
 - Label/identification 715.4.5.1, 715.4.6.3, 715.5.8
 - Loads 2404
 - Louvered windows 2403.5
 - Nonwired 715.4.4
 - Opening protectives 715.2
 - Railings 2407
 - Replacement 2401.2, 3405
 - Safety 715.4.6.4, 2406
 - Skylights 2405
 - Sloped 2404.2, 2405
 - Swimming pools 2406.3
 - Supports 2403.2
 - Testing 1714.5, 2406.1.1, 2408.2.1
 - Vener 1405.11
 - Vertical 2404.1
 - Wired 715.5.3
- GLASS UNIT MASONRY** 2102.1, 2110
- Atrium enclosure 404.5
 - Design method 2101.2.5
 - Fire resistance 2110.1.1
 - Hazardous locations 2406.1.3, 2406.3.1
 - Material requirements 2103.6
 - Placing 2104.1.2.4
- GRADE (PLANE)** 502
- GRADE, LUMBER (see LUMBER)** 2302.1
- GRAIN ELEVATORS** 415.6.1.5
- GRANDSTANDS** 303.1, 1025.1.1
- Accessibility 1108.2
 - Exit signs 1011
 - Live load Table 1607.1
 - Occupant load 1004.7
- GREENHOUSES**
- Area Table 503
 - Classification of 312.1
 - Deflections Table 1604.3
 - Membranes 3102.1
 - Plastic 2606.11
 - Roof live load 1607.11.2.1
 - Sloped glazing 2405
- GRIDIRON**
- Means of egress 410.3.2, 1015.6.1
 - Sprinklers 410.6
- GRINDING ROOMS** 415.6.1.2
- GROSS LEASABLE AREA (see COVERED MALL BUILDINGS)** 402
- GROUND SNOW LOADS** 1608.2
- GROUT** 712.3.1, 712.4.1, 2103.12
- GUARDS** 1013
- Bleachers 1025.1.1
 - Equipment platform 505.5.3
 - Folding and telescopic seating 1025.1.1
 - Glazing 1303.1, 2406.3, 2407
 - Grandstands 1025.1.1
 - Loads 1607.7
 - Mechanical equipment 1013.5
 - Opening limitations 1013.3
 - Parking garage 406.2.4
 - Ramps 1010.10
 - Residential 1013.2
 - Screen porches 1013.4
- GUTTERS** 1503.4.1
- GYMNASIUMS**
- Live load Table 1607.1
 - Occupant load 1004.1
 - Occupancy separation 508.3.1
- GYPSUM** Chapter 25
- Aggregate, exposed 2513
 - Board Chapter 25
 - Concrete, reinforced 1914
 - Construction 2508
 - Diaphragms 2508.5
 - Draftstopping 717.3.1
 - Exterior soffit Table 2506.2
 - Fastening 2306.4.5.1.4, Table 2306.4.5, 2508.1
 - Fire resistance 721.2.1.4, 721.6.2
 - Fire-resistant joint treatment 2508.4
 - Inspection 2503
 - Lath 2507, 2510
 - Lathing and furring for cement plaster 718, 2510
 - Lathing and plastering 2507
 - Materials 2506

Plaster, interior 2511
 Plaster, exterior 2512
 Shear wall construction . 2306.4.5, 2308.9.3, 2505
 Sheathing 2304.6.1
 Showers and water closets 2509
 Stucco 2510
 Veneer base 2507.2
 Veneer plaster 2507.2
 Vertical and horizontal assemblies 2504
 Wallboard Table 2506.2
 Water-resistant backing board . . . 2506.2, 2509.2

H

HANDRAILS 1009.10, 1607.7
 Assembly aisles 1025.13
 Alternating tread devices 1009.9
 Bleachers 1025.1.1
 Folding and telescopic seating 1025.1.1
 Glazing 2407
 Grandstands 1025.1.1
 Graspability 1012.3
 Guards 1013.2
 Loads 1607.7
 Projection 1012.5
 Ramps 1010.8
 Stairs 1009.10
HARDBOARD 1404.3.2, 2302.1, 2303.1.6
HARDWOOD
 Fastening 2304.9
 Quality 2303.1.8.1, 2303.3
 Veneer 1404.3.2
HAZARDOUS MATERIALS 414
 Control areas 414.2
 Explosion control 414.5.1, Table 414.5.1,
 415.6.1.4, 415.8.5.4
 Special provisions 415.4, 415.5
 Sprinklers Table 414.2.5(1),
 Table 414.2.5(2), 415.5.2, 415.6.2.4
 Ventilation 414.3, 415.6.2.8,
 415.8.2.6, 415.8.4.3
 415.8.5.7, 415.8.6.3
 Weather protection 414.6.1
HEAD JOINT, MASONRY 2102.1
 Bonding pattern 2109.6.5
 Thickness 2104.1.2.1
HEADER, MASONRY (BONDER) 2102.1
HEADROOM 1003.1, 1008.1.1, 1009.2, 1010.5.2
**HEALTH CARE (see INSTITUTIONAL I-1 and
 INSTITUTIONAL I-2)**
 Clinics 304
 Hospitals 308

HEALTH-HAZARD MATERIALS 307.2
HEAT VENTS 910
HEATING (see MECHANICAL)
 Aircraft hangars 412.2.4
 Parking garages 406.2.8
 Repair garages 406.6.5
HEIGHT, BUILDING Chapter 5
 Limitations 503
 Mixed construction types 509.1
 Modifications 504
 Roof structures 504.3
HEIGHT, STORY 502.1
HIGH PILED COMBUSTIBLE STORAGE 413,
 907.2.14, 910.2.2
HIGH-HAZARD OCCUPANCY (GROUP H) . . 307, 415
 Classification 307
 Combustible liquids 415.6.2
 Control areas 414.2
 Conveyors 415.6.1.3
 Corrosives Table 414.2.5(1), 414.3
 Cryogenic fluids Table 414.5.1,
 Table 415.8.2.1.1
 Dispensing, use and handling 414.7.2
 Dry cleaning (see DRY CLEANING PLANTS)
 Emergency alarm systems 908.1, 908.2
 Exceptions 307.1
 Exempt 307.1
 Explosives Table 414.5.1, Table 415.3.1
 Factory industrial F-1 moderate
 hazard occupancy 306.2
 Factory industrial F-2 low
 hazard occupancy 306.3
 Fire alarm, manual 901.6.3
 Flammable liquids 415.6.2
 Flammable solids 307.2, Table 307.7(1)
 Grinding rooms 415.6.1.2
 Group H-1 307.3
 Group H-2 307.4
 Group H-3 307.5, 415.7
 Group H-4 307.6, 415.7
 Group H-5 307.7, 415.8
 Health-hazard materials 415.2,
 Table 414.2.5(1), 415.4,
 415.8.6.2, Table 415.8.2.1.1
 Height 415.4, 415.5
 Interior finishes 416.2.1, 416.3.1
 Irritants Table 414.2.5(1), Table 415.8.2.1.1
 Liquid, highly toxic and toxic 415.7.3, 908.3
 Location on property 415.3
 Multiple hazards 307.8
 Organic peroxides Table 415.3.2
 Oxidizers, liquid and solid 415.5.1

Pyrophoric materials 415.4.1, 415.5.1
 Sensitizers Table 415.8.2.1.1
 Separation from other
 occupancies Table 415.3.1, 415.6.3.4.1
 Solids, highly toxic and toxic. 415.7.3,
 Table 415.8.2.1.1, 908.3
 Special provisions H-2, H-3. 415.4, 415.5
 Sprinklers. 415.5.2, 415.6.2.4,
 415.8.6.3, 415.8.9, 415.8.10.1,
 415.8.11, 704.8.1, 903.2.4
 Standby power systems 2702.2.10-2702.2.13
 Storage and dispensing 414.1, 414.5, 414.6
 Tank protection 415.6.2.2, 415.6.2.3
 Unstable materials Table 414.2.5(1),
 Table 414.5.1,
 Table 415.3.2, 415.5.1, 415.8
 Water-reactive materials Table 415.3.2,
 415.5, 415.5.1, 415.5.2,
 415.8, Table 415.8.2.1.1

HIGH-RISE BUILDINGS 403
 Automatic fire detection 403.5, 907.2.12
 Automatic sprinkler system. 403.2
 Elevators 403.9
 Fire command station 403.8
 Fire department communication. 403.7
 Smokeproof enclosure. 1020.1.8
 Sprinklers. 403.3, 903.3.1.1
 Stairway door operation 403.12
 Standby power, light and
 emergency systems 403.10, 2702.2.15
 Voice alarm 403.6, 907.2.12
 Zones 907.8.2

HORIZONTAL EXIT 1022
 Doors 1022.3
 Fire resistance 1022.2
 Institutional I-3 occupancy. 408.2, 1022.1
 Institutional I-2 occupancy 1022.1

HORIZONTAL FIRE SEPARATION. 704
 Combustible projections 704.2

**HOSE CONNECTIONS (see STANDPIPES,
 REQUIRED)**

HURRICANE SHUTTERS 1609.1.2

**HURRICANE PRONE REGIONS
 (see WIND LOADS).** 1609.2

I

IDENTIFICATION, REQUIREMENTS FOR

Glazing. 2403.1, 2406.4
 Inspection certificate. 1702.1
 Label, information required on. 1703.5.3
 Pier and pile materials. 1808.2.20
 Preservative-treated wood 2303.1.8.1

Structural Steel 2203.1

IMPACT LOAD 1602.1, 1607.8

INCINERATOR ROOMS 1015.3

INDUSTRIAL (see FACTORY OCCUPANCY)

INSPECTIONS 109
 Approval required 109.6, 1704.1
 Atrium buildings 909.3
 Concrete slab. 109.3.2
 EIFS 1704.12
 Energy efficiency 109.3.7
 Fabricators 1704.2
 Fees 108
 Final 109.3.10
 Fire-resistant materials. 1707.11
 Fire-resistant penetrations. 109.3.6
 Footing or foundation. 109.3.1
 Frame. 109.3.4
 General. 109.1
 Lath or gypsum board 109.3.5, 2503
 Liability 104.8
 Pier 1704.9
 Pile. 1704.8, 1808.2
 Preliminary 109.2
 Reinforcing steel. 1704.4
 Required 109.3
 Right of entry 104.6
 Seismic 1707
 Special 109.3.9, 1704.13
 Sprinklers 904.4
 Steel, structural 1704.3, 1704.11.3.2
 Steel framing, cold-formed 1704.3
 Third party 109.4
 Welding. 1704.3.1, 2204.1
 Wood, structural 1704.6

INSTITUTIONAL I-1 308.2
 Accessibility 1107.5.1
 Emergency egress. 1026
 Fire alarm 907.2.6.1
 Visible alarms 907.9.1.3
 Sprinklers. 903.2.5, 903.3.2

INSTITUTIONAL I-2
 Accessibility. 1107.5.2, 1107.5.3, 1107.5.4
 Combustible decorations 806.1
 Corridor width 1017.2
 Exterior exit stair. 1023.2
 Fire alarm and detection 907.2.6
 Special requirements. 407
 Sprinklers. 903.2.5, 903.3.2
 Suites 1014.2
 Openings in smoke barriers 909.5.2, 709.5

INSTITUTIONAL I-3 308.4
 Accessibility 1103.2.13, 1107.5.3
 Exit sign exemption 1011.1
 Openings in smoke barriers 909.5.2
 Special requirements 408

INSTITUTIONAL I-4 308.5
 Accessibility 1103.2.11
 Corridor rating 1017.1
 Fire alarm 907.2.6
 Sprinklers 903.2.5

INSTITUTIONAL OCCUPANCY (GROUP I) 308
 Adult care 308.5.1
 Child care 308.3.1, 308.5.2
 Group I-1 308.2
 Group I-2 308.3, 407
 Group I-3 308.4, 408
 Group I-4 day care facilities 308.5
 Sprinkler system, automatic 903.2.5

INSULATION
 Concealed 719.2
 Duct insulation 719.1
 Exposed 719.3
 Fiberboard 2303.1.5.2, 2303.1.5.3
 Foam plastic (see FOAM PLASTICS) 719.1
 Roof 719.5
 Thermal 719

INTERIOR ENVIRONMENT
 Lighting 1205
 Rodentproofing Appendix F
 Sound transmission 1207
 Space dimensions 1208
 Temperature control 1204
 Ventilation 1203.4
 Yards or courts 1206.2, 1206.3

INTERIOR FINISHES Chapter 8
 Acoustical ceiling systems 803.9
 Application 803.4, 804.4
 Atriums 404.7
 Decorative materials 801.1.2, 806
 Floor finish 804
 Foam plastic insulation 2603.3, 2603.4
 Foam plastic trim 806.3
 Light-transmitting plastics 2606
 Signs 402.15, 2611
 Wall and ceiling finishes 803

INTERPRETATION, CODE 104.1

J

JOINT
 Concrete construction joints 1906.4

Gypsum board 2306.4.5.1.1, 2508.4
 Lumber sheathing 2308.10.8.1
 Masonry reinforcement 2103.11.2, 2109.7.2.3
 Shotcrete 1913.7
 Structural plain concrete 1909.3
 Waterproofing 1807.3.3

JOINTS, FIRE-RESISTANT SYSTEMS 713

K

KIOSKS 402.10

L

LABORATORIES
 Classification of 304.1, 508.2
 Hazardous materials 414
 Incidental use Table 508.2

LAMINATED TIMBER, STRUCTURAL GLUED 602.4, 2301.3

LANDINGS
 Doors 1008.1.5
 Ramp 1010.6
 Stair 1009.4, 3403.4

LATH, METAL OR WIRE Table 2507.2

LAUNDRIES 304.1, 306.2, Table 508.2

LAUNDRY CHUTE 707.13, 903.2.10.2

LEGAL (see LIABILITY)
 Federal and state authority 102.2
 Liability 104.8
 Notice of violation 113.2, 115.3
 Registered design professional 106.1, 106.3.4
 Right of entry 104.6
 Unsafe buildings or systems 115
 Violation penalties 113.4

LIBRARIES
 Classification, other than school 303.1
 Classification, school 305.1, 508.3.1
 Live load Table 1607.1

LIGHT, REQUIRED 1205.1

LIGHTING, EMERGENCY (see EMERGENCY LIGHTING)

LIGHTS, PLASTIC CEILING DIFFUSERS 2606.7

LINTEL
 Adobe 2109.8.4.7
 Fire resistance 714.6
 Masonry 2104.1.5
 Masonry, wood support 2304.12

LIQUEFIED PETROLEUM GAS 415.6.3

LIVE LOADS 1602.1, 1607
 Construction documents 1603.1.1
 Posting of 1603.3

LOAD COMBINATIONS 1605
 Strength design or load and
 resistance factor design 1605.2
 Allowable stress design 1605.3
 Special seismic load combinations. 1605.4
LOADS 1602.1
 Combinations. 1605
 Dead 1602.1, 1606
 Flood 1603.1.6, 1612
 Impact 1602.1, 1607.8
 Live 1603.1.1, 1603.3, 1607
 Pile foundation 1808, 1811
 Rain 1611
 Seismic 1603.1.5, 1613
 Snow 1603.1.3, 1608
 Soil lateral 1610
 Structural Chapter 16
 Wind. 1603.1.4, 1609
LOBBIES
 Assembly occupancy 1025.4
 Elevator. 707.14.1, 1007.2.1, 1007.4
LOCKS AND LATCHES 1008.1.8.3
 Delayed egress locks 1008.1.8.6
 Institutional I-3 occupancy 408.4
LUMBER
 General provisions Chapter 23
 Quality standards. 2303

M

MAINTENANCE
 Accessibility 3409.2
MALL (see COVERED MALL BUILDINGS)
MANUAL FIRE ALARM BOX 907.3
MANUFACTURED HOMES
 Flood resistant G501
MARQUEES 3106, H113
 Live load Table 1607.1
MASONRY
 Adhered veneer 1405.9
 Adobe 2109.8
 Anchorage 1604.8.2, 2106.2, 2109.7
 Anchored veneer 1405.5
 Ashlar stone 2102.1
 Autoclaved aerated concrete (AAC) 2102.1,
 2103.3
 Bond 2109.6
 Cavity wall 2109.4.2
 Chimneys. 2113
 Cold weather construction 2104.3
 Compressive stress requirements 2109.3
 Construction 2104, 2109.8.4

Construction documents. 2101.3
 Corbelled 2104.2
 Dampproofing 1807
 Design, methods 2101.2, 2107-2109
 Fire resistance, calculated. 721.3.2, 721.3.4
 Fireplaces 2101.3.1, 2111
 Floor anchorage 1604.8.2, 2109.7.3
 Foundation walls. 1805.5
 Foundations, adobe 2109.8.4.3
 Glass unit 2101.2.5, 2103.5, 2110
 Grouted. 2102.1
 Headers (see BONDING, MASONRY) 2109.6.2
 Hollow units 2104.1.2.2
 Hot weather construction 2104.4
 Inspection, special 1704.5
 Joint reinforcement 2103.11.2,
 2108.9.2.2, 2109.7.2.3
 Lateral stability 2109.2
 Lateral support. 2106.2, 2109.4
 Materials 2103
 Parapet walls 2109.5.5
 Penetrations. 712, 712.3.1
 Quality assurance. 1708.1, 2105
 Rodentproofing Appendix F
 Roof anchorage 1604.8.1, 2106.2, 2109.7.3
 Rubble stone 2102
 Running bond 2109.6.5
 Seismic provisions. 2106
 Serviceability 1604.3.4
 Shear walls 2106.1.1
 Solid. 2104.1.2.3, 2109.6.2.1
 Stack bond 2109.6.5.2
 Stone 2103.3, 2109.8
 Support (see also MASONRY,
 Lateral support). 2304.12
 Surface bonding 2103.8
 Test procedures 1708.1.1, 2105.2.2.2
 Thickness 2109.5
 Tie, wall 2104.1.3, 2109.6.3
 Veneer 2101.2.6, 2308.11.2
 Wall, composite. 2102.1
 Wall, hollow. 2102.1
 Wall, intersecting 2109.7.2
 Wall anchorage. 1604.8.2, 2109.7
 Waterproofing 1807
 Weepholes. 2104.1.8
 Wetting brick 2104.5
 Wythe defined. 2102.1

MATERIALS

Alternates 104.11
 Aluminum Chapter 20

| | | | |
|---|--|---|--------------------------------------|
| Concrete | Chapter 19 | Mezzanines | 505.3, 505.4, 1004.6, 1007.1 |
| Glass and glazing | Chapter 24 | Minimum width | 1005.1 |
| Gypsum | Chapter 25 | Moving walk | 1003.7 |
| Masonry | Chapter 21 | Number | 1019.1 |
| Noncombustible | 703.4 | Occupant load | 1004.1 |
| Plastic | Chapter 26 | Parking | 406.3.8 |
| Steel | Chapter 22 | Passageway | 1021 |
| Testing (see TESTING) | 1715 | Path of egress travel, common | 1014.3 |
| Wood | Chapter 23 | Protruding objects | 1003.3, 1005.2 |
| MEANS OF EGRESS | Chapter 10 | Ramps | 1010, 1023 |
| Accessible | 1007, 3409.6, 3409.8.8 | Seating at tables | 1014.4.3 |
| Aircraft hangers, residential | 412.3.3 | Seating, fixed | 1007.1, 1025 |
| Aisles | 1014.4 | Single exit | 1015.1.1, 1019.2 |
| Assembly | 1007.1, 1025 | Special amusement | 411.2 |
| Atrium | 404.8 | Stage | 410.3.3, 410.5.3, 1015.6 |
| Bleachers | 1025.1.1 | Stairways | 1009, 1020.1, 1023 |
| Capacity | 1005.1 | Temporary structures | 3103.4 |
| Child care facilities (see Day care facilities) | | Travel distance | 1016.1, 1025.7 |
| Ceiling height | 1003.2 | Turnstile | 1008.3 |
| Corridors | 1017 | Underground buildings | 405.5.1, 405.8 |
| Covered mall buildings | 402.4 | Vertical exit enclosures | 1020.1 |
| Day care facilities | 308.5.2, Table 1004.1.1, Table 1015.1, Table 1019.2 | Width | 1005.1, Table 1005.1, 1025.6, 1025.8 |
| Doors | 1008 | MECHANICAL (see AIR CONDITIONING, HEATING, REFRIGERATION, AND VENTILATION) | |
| Elevation change | 1003.5 | Air transfer openings | 704.14, 705.11, 706.10, 716.5 |
| Elevators | 1003.7 | Chimneys (see CHIMNEYS) | 2113 |
| Emergency escape and rescue | 1026 | Code | Chapter 28 |
| Emergency lighting values | 3410.6.15 | Equipment on roof | 1509, 1510.2 |
| Enclosures under stairways | 1009.5.3 | Factory-built fireplace | 2111.14.1 |
| Escalators | 1003.7 | Fireplaces | 2111.1 |
| Existing buildings | 3409.6, 3410.5, 3410.6.11 | Permit required | 105.1 |
| Exit (see EXIT) | 1018-1023 | Room separation | Table 508.2, 508.2.2 |
| Exit access | 1014-1017 | Seismic inspection and testing | 1707.8, 1707.9, 1708.5 |
| Exit discharge | 1024 | Smoke control systems | 909 |
| Exit doors | 1018.2 | Systems | 1613.2, Chapter 28 |
| Exit signs | 1011 | MECHANICALLY LAMINATED DECKING | 2304.8.3 |
| Fire escapes | 3404 | MEMBRANE ROOF COVERINGS | 1507.11, 1507.12, 1507.13 |
| Floor surface | 1003.4 | MEMBRANE STRUCTURES | 2702.2.9, 3102 |
| Gates | 1008.2 | MENTAL HOSPITALS | 308.3 |
| Grandstands | 1025.1.1 | MERCANTILE OCCUPANCY (GROUP M) | |
| Guards | 1013 | Aisles | 1014.4.1, 1014.4.2 |
| Handrails | 1012 | Area | 505, 506, 507 |
| Hazardous materials | 414.6.1.2 | Classification | 309 |
| Headroom | 1003.1, 1008.1.1 1009.2, 1010.5.2 | Height | 504 |
| High Hazard Group H | 415.8.4.4 | Interior finishes | Table 803.5 |
| Helistops | 412.5.4, 1019.1.2 | Live load | Table 1607.1 |
| Horizontal exits | 1022 | Sprinkler system, automatic | 903.2.6 |
| Illumination | 1006 | METAL | |
| Institutional Group I-2 | 407.4.2 | Aluminum | Chapter 20 |
| Institutional Group I-3 | 408.2, 408.3, 408.5, 408.6.3 | | |

Roof coverings 1504.3.2, 1507.5
 Steel Chapter 22
 Veneer 1404.5

MEZZANINES 505
 Accessibility 1104.4, 1108.2.3, 1108.2.8
 Area limitations 505.2, 505.5.1
 Egress 505.3, 505.4, 1004.6, 1007.1
 Guards 1013.1
 Height 505.1
 Stairs 707.2(9), 1009.9, 1020.1

MIRRORS 1008.1, 2406.3.1(7)

MIXED OCCUPANCY (see OCCUPANCY SEPARATION)

MOISTURE PROTECTION 1403.2, 1503, 2303.2.3, 2304.11

MONASTERIES 310.1

MORTAR 2102.1
 Ceramic tile 2103.4
 Compressive stresses, masonry Table 2103.7(2)
 Dampproofing 1807
 Fire resistance 712.3.1, 712.4.1
 Glass unit masonry 2110.6
 Material 2103.7
 Placing 2104.1.2
 Rodentproofing Appendix F
 Surface-bonding 2102.1, 2103.8

MOTELS 310.1

MOTION PICTURE PROJECTION ROOMS 409
 Construction 409.2
 Exhaust air 409.3.2
 Lighting control 409.4
 Projection room 409.3
 Supply air 409.3.1.1
 Ventilation 409.3

MOTOR FUEL-DISPENSING SYSTEM 406.5

MOTOR VEHICLE FACILITIES 304, 311, 406

MOVING, BUILDINGS D103.3

MOVING WALKS 3005.2
 Means of egress 1003.7

N

NAILING 2302.1, 2303.6, 2304.9

NONCOMBUSTIBLE BUILDING MATERIAL 703.4

NURSING HOMES 308.3

O

OCCUPANCY
 Accessory 508.3.1
 Atriums 404.2

Certificates (see CERTIFICATE OF OCCUPANCY)
 Change 3405, 3409.4
 Floor loads Table 1607.1
 Special Chapter 4

OCCUPANCY CATEGORY 1602.1, 1604.5
 Multiple occupancies 508, 1604.5.1

OCCUPANCY CLASSIFICATION
 Covered mall buildings 402
 HPM 415.8
 Mixed 508.3
 Mixed occupancy values 3410.6.16
 Special Chapter 4

OCCUPANCY SEPARATION
 Covered mall building 402.7.3.1
 Incidental use areas 508.2, 706.3.4
 Mixed 508
 Parking garages Table 508.3.3(c), 406.1.4, 406.2.7
 Repair garages 406.6.2
 Required fire resistance Table 508.3.3
 Residential aircraft hangars 412.3.2

OCCUPANT LOAD
 Certificate of occupancy 110
 Covered mall building 402.4.1
 Determination of 1004.1
 Increased 1004.2
 Outdoors 1004.8
 Seating, fixed 1004.7
 Signs 1004.3

OFFICE BUILDINGS
 Classification 304
 Live loads Table 1607.1

OPENING PROTECTION, EXTERIOR WALLS 704.1

OPENING PROTECTION, FLOORS (see VERTICAL OPENING PROTECTION)

OPENING PROTECTIVES 715
 Automatic closing devices 715.2.7, 909.5.2
 Fire door and shutter assemblies 715.7.3.8, 715.4
 Fire windows 715.5
 Glazing 715.5
 Glass unit masonry (see GLASS UNIT MASONRY) 2110.1.1
 Interior walls 708.6
 Required fire resistance 715.5
 Self-closing 715.4.7

ORGANIC COATINGS 418

ORGANIC PEROXIDES 307.4, 307.5

OXIDIZERS, LIQUID AND SOLID 307.2

P

PANIC HARDWARE 1008.1.9

PARAPET, EXTERIOR WALL 704.11, 2109.5.5

 Construction 704.11.1

 Fire wall 705.6

 Height 704.11.1

PARKING, ACCESSIBLE 1106, 1110.1, 3409.4, 3409.7

PARKING GARAGES (see GARAGE, AUTOMOBILE PARKING) 406.2

 Barriers, vehicle 406.2.4, 1602.1, 1607.7.3

 Classification 406.2.1

 Guards 406.2.3, 2407.1.3

 Height, clear 406.2.2

 Live loads Table 1607.1

 Mixed separation 406.2.7

PARKING GARAGES, OPEN 406.3

 Area and height 406.3.5

 Construction type 406.3.3

 Stairs and exits 406.3.8

 Standpipes 406.3.9

PARKING GARAGES, ENCLOSED 406.4

 Heights and areas 406.4.1

 Ventilation 406.4.2

PARTICLEBOARD 2302.1

 Draftstopping 717.3.1

 Fastening 2304.9

 Moisture protection 1403.2, 1405.2

 Quality 2303.1.7

 Shear walls 2306.4.3

 Veneer 1405.4

 Wall bracing 2308.9.3

PARTITIONS 602.4.6, 603.1

 Materials 602.4.6, 603.1

 Occupancy, specific 708.1

 Structural 1607.5, 1607.13

PARTITIONS, FIRE 708

 Construction, general 703

 Continuity 508.2.2.1, 708.4

 Exterior walls Table 602, 704.5, 708.5

 Fire-resistance rating of walls 603.1(8), 708.3

 Joint treatment gypsum 2508.4

 Joints 713

 Opening protection 715

 Rated glazing 715.5

PASSAGEWAY, EXIT (see EXIT) 1021.1

PASSENGER STATIONS 303

PATIO COVERS 2606.10

PEDESTRIAN

 Protection at construction site 3306

 Walkways and tunnels 3104

PENALTIES 113.4

PENETRATION-FIRESTOP SYSTEM

 Fire-rated walls 712.3.2

 Fire-rated horizontal assemblies 712.4.1.2

PENETRATIONS 712

 Fire partitions 708.7

 Fire-resistant assemblies 712.3

 Nonfire-resistant assemblies 712.4.2

PERLITE Table 720.1(1), Table 2507.2

PERMITS 105

 Application for 104.2, 105.1, 105.3

 Drawings and specifications 106.1.1

 Expiration 105.5

 Fees 108

 Liability for issuing 104.8

 Placement of permit 105.7

 Plan review 104.2, 106.3

 Suspension or revocation 105.6

 Time limitations 105.3.2, 105.5

PIER FOUNDATIONS 1808, 1812

 Special inspections 1704.9, 1707.5

PILE FOUNDATIONS 1808

 Base piles, enlarged concrete 1808.1, 1810.2

 Caisson 1808.1, 1810.7

 Composite 1811

 Concrete, cast-in-place 1810

 Concrete, precast 1809.2

 Concrete-filled steel pipe and tube 1808.1, 1810.6

 Drilled or augered uncased 1810.3

 Driven 1809, 1810.4

 Micropiles 1808.1, 1810.8

 Pile load, allowable 1808.2.8

 Seismic design 1808.2.23, 1809.2.2.2.1-1809.2.3.2.2

 Special inspections 1704.8

 Steel, structural 1809.3

 Steel-cased 1808.1, 1810.5

 Timber 1808.1, 1809.1

PIPES

 Embedded in concrete 1906.3

 Embedded in fire protection 714.3

 Insulation covering 719.7

 Penetration protection 711, 1020.1.2

 Under platform 410.4

PLAIN CONCRETE (see CONCRETE) 1909

PLAN REVIEW 106.3

PLASTER

 Fire-resistance requirements 718

 Gypsum 718.1, 718.2

 Inspection 109.3.5

| | |
|---|--|
| Portland cement | 718.5, Table 2507.2, Table 2511.1.1 |
| PLASTIC | Chapter 26 |
| Approval for use | 2606.2 |
| Finish and trim, interior | 2604 |
| Light-transmitting panels | 2607 |
| Roof panels | 2609 |
| Signs | 402.15, 2611, D102.2.10, H107.1.1 |
| Thermal barrier | 2603.4 |
| Veneer | 1404.8, 2605, D102.2.11 |
| Walls, exterior | 2603.4.1.4, 2603.5 |
| PLASTIC, FOAM | |
| Insulation (see FOAM PLASTICS) | 2603 |
| Interior finish | 2604 |
| Malls | 402.15.5 |
| PLASTIC, LIGHT-TRANSMITTING | |
| Awnings and patio covers | 2606.10 |
| Bathroom accessories | 2606.9 |
| Exterior wall panels | 2607 |
| Glazing | 2608 |
| Greenhouses | 2606.11 |
| Light-diffusing systems | 2606.7 |
| Roof panels | 2609 |
| Signs, interior | 2611 |
| Skylight | 2610 |
| Solar collectors | 2606.12 |
| Structural requirements | 2606.5 |
| Unprotected openings | 2608.1, 2608.2 |
| Veneer, exterior | 603.1(12), 603.1(14), 2605 |
| Wall panels | 2607 |
| PLATFORM | |
| (see STAGES AND PLATFORMS) | 410 |
| Construction | 410.4 |
| Temporary | 410.4.1 |
| PLATFORM LIFTS, WHEELCHAIR | 1007.2, 1007.5, 1009.1, 1109.7, 3409.8.3 |
| PLENUM | |
| Underground buildings | 907.2.18.1 |
| PLUMBING | |
| Facilities, minimum | 2902 |
| Fixtures | Table 2902.1 |
| Residential aircraft hangars | 412.3.5 |
| PLYWOOD | 2302.1 |
| Bracing | 2308.9.3 |
| Decorative | 2303.3 |
| Design requirements | 2301 |
| Diaphragm | 2305.2, 2306.3 |
| Fastening | 2304.9 |
| Fire-retardant treated | 2303.2 |
| Lateral loads, steel studs | 2211.3, 2311.7.4 |
| Preservative-treated | 2303.1.8.1, 2304.11 |
| Quality | 2303 |
| Roof sheathing | 2304.7, 2308.10.8 |
| Seismic shear panels | 2305.1.5, 2305.3, 2308.12.4 |
| Standards | 2306.1 |
| Subfloors | 804.4.1 |
| Veneer | 1405.4 |
| PRESCRIPTIVE FIRE RESISTANCE | 720 |
| PRESERVATIVE-TREATED WOOD | 2302.1 |
| Fastenings | 2304.9.5 |
| Quality | 2303.1.8 |
| Required | 1403.5, 2304.11 |
| Shakes, roof covering | 1507.9.5, 1507.9.7 |
| PROJECTION ROOMS | |
| Motion picture | 409 |
| PROJECTIONS, COMBUSTIBLE | 704.2.3, 1406.3 |
| PROPERTY LINE (see FIRE SEPARATION DISTANCE) | 704.3 |
| PROSCENIUM | |
| Opening protection | 410.3.5 |
| Wall | 410.3.4 |
| PUBLIC ADDRESS SYSTEM | |
| Covered mall building | 402.14, 2702.2.14 |
| Special amusement buildings | 411.6 |
| Underground buildings | 405.7 |
| PUBLIC PROPERTY | Chapter 32, Chapter 33 |
| PUBLIC RIGHT OF WAY | |
| Encroachments | Chapter 32 |
| PYROPHORIC MATERIALS | 307.4, Table 307.7(1) |
| R | |
| RAILING (see GUARDS and HANDRAILS) | |
| RAMPS | 1010.1 |
| Assembly occupancy | 1025.11 |
| Construction | 1010.7 |
| Existing buildings | 3409.8.5 |
| Parking garage | 406.2.5 |
| Slope | 1010.2, 3409.8.5 |
| REFERENCED STANDARDS | Chapter 35 |
| Applicability | 102.4 |
| Fire resistance | 703.2, 721.7 |
| List | Chapter 35 |
| Organizations | Chapter 35 |
| REFORMATORIES | 308.4 |
| REFRIGERATION (see MECHANICAL) | |
| Machinery room | 1015.4 |
| REFUGE AREAS (see AREA OF REFUGE and AREA FOR ASSISTED RESCUE, EXTERIOR) | |
| REFUSE CHUTE | 707.13 |

REINFORCED CONCRETE (see CONCRETE)

- General 1901.2
- Inspections 1704.4

REINFORCEMENT

- Concrete 1907, 1913.4, 1915.4
- Glass block 2110.7
- Masonry 2103.11

RELIGIOUS WORSHIP, PLACES OF

- Classification 303, 305.1
- Door operations 1008.1.8.3
- Egress 1025
- Fire alarm 907.2.1
- Interior finishes Table 803.5
- Balcony enclosure 1025.5.1
- Unlimited area 507.5

REPAIRS, BUILDING

- Minor 105.2.2
- Permit required 105.1

RESIDENT HOUSING AREA, INSTITUTIONAL I-3 OCCUPANCY

- Accessibility 1103.2.13, 1107.5.5, 1108.4.2, 3409.8.7, E101.1
- Fire detection 907.2.6.3.3
- Occupant load 1004.1.2
- Subdivision 408.7

RESIDENTIAL CARE/ASSISTED LIVING FACILITIES

- Accessibility 308.1
- Accessibility 1107.5.1, 1107.5.2, 1107.6.4, 3409.8.7
- Fire alarms 907.2.6, 907.9.1.3
- Separations Table 508.2, Table 508.3.3
- Smoke alarms 907.2.10.1.3
- Sprinklers 903.2.5, 903.3.2

RESIDENTIAL OCCUPANCY (GROUP R)

- Accessibility 1107.6, 3409.8.7
- Area Chapter 5
- Doors 1008.1.1
- Draftstopping 717.4.2
- Emergency escape 1026.1
- Height Chapter 5
- Interior finishes Table 803.5
- Live load Table 1607.1
- Parking under 509
- Partitions 708.1
- Smoke alarms 907.2.10
- Sprinklers 903.2.7
- Visible alarms 907.9.1.3

RETAINING WALLS

REVIEWING STANDS (see BLEACHERS and GRANDSTANDS)

- Live load Table 1607.1

RISERS, STAIR (see STAIRWAY CONSTRUCTION)

- Alternating tread device 1009.9.2
- Assembly 1025.6.1, 1025.11
- Closed 1009.3.3
- General 1009.3
- Spiral 1009.8
- Uniformity 1009.3.2

RODENTPROOFING

ROLL ROOFING

ROOF ACCESS

ROOF ASSEMBLIES AND ROOFTOP STRUCTURES

- Cooling towers 1509.4
- Drainage 1503.4
- Fire classification 1505
- Height modifications 504.3
- Impact resistance 1504.7
- Materials 1506
- Parapet walls 1503.3
- Penthouses 1509.2
- Snow drift 1608.8
- Tanks 1509.3
- Towers, spires, domes and cupolas 1509.5
- Weather protection 1503
- Wind resistance 1504.1, 1609.5

ROOF CONSTRUCTION

- Construction walkways 3306.7
- Coverings (see ROOF COVERINGS) 1609.5.2
- Deck 1609.5.1
- Draftstopping 717
- Fire resistance Table 601
- Fireblocking 717.2
- Live loads Table 1607.1, 1607.11
- Materials Chapter 6
- Penetration of fire resistant assemblies 711.5
- Rain loads 1611
- Roof structures 504.3, 1509, D102.2.9
- Signs, roof mounted H110
- Slope, minimum Chapter 15
- Snow load 1603.1.3, 1608
- Wood (see ROOF CONSTRUCTION, WOOD)

ROOF CONSTRUCTION, WOOD

- Anchorage to masonry 1604.8.2, 2109.7.3.3
- Attic access 1209.2
- Ceiling joists 2308.10.2
- Diaphragms 2305.2, 2306.3.2
- Fastening schedule 2304.9
- Framing 2304.10.3, 2308.10
- Plank-and-beam 2306.1.2
- Rafters 2306.1
- Sheathing 2304.7, 2308.10.8

Trussed rafters 2308.10.7.1
 Ventilation, attic 1203.2
 Wind uplift 2308.10.1

ROOF COVERINGS 1507
 Asphalt shingles 1507.2
 Built up 1507.10
 Clay tile 1507.3
 Concrete tile 1507.3
 Fire resistance 1505
 Flashing 1503.2, 1507.3.9, 1507.5.6
 Impact resistance 1504.7
 Insulation 1508
 Liquid applied coating 1507.15
 Membrane 3102
 Metal panels 1507.4
 Metal shingles 1507.5
 Modified bitumen 1507.11
 Plastics, light-transmitting panels 2609
 Replacement/recovering 1510.3
 Reroofing 1510
 Roll 1507.6
 Single-ply 1507.12
 Slate shingles 1507.7
 Sprayed polyurethane foam 1507.14
 Thermoplastic single-ply 1507.13
 Wind loads 1504.1, 1609.5
 Wood shakes 1507.9
 Wood shingles 1508.8

ROOF DRAINAGE 1503.4

ROOF PROTECTION FROM ADJACENT CONSTRUCTION 3307.1

ROOF REPLACEMENT/RECOVERING 1510.3

ROOF VENTS 1016.2

ROOM DIMENSIONS 1208

ROOMING HOUSE 310

S

SAFEGUARDS DURING CONSTRUCTION Chapter 33
 Adjoining property protection 3307
 Construction 3302
 Demolition 3303
 Exits 3310
 Fire extinguishers 3309
 Protection of pedestrians 3306
 Sanitary facilities 3305
 Site work 3304
 Sprinkler system, automatic 3312
 Standpipes 3311
 Temporary use of streets, alleys, and public property 3308

SAFETY GLAZING 715.4.6.4, 2406

SCHOOLS (see EDUCATIONAL OCCUPANCY)

SEATING, FIXED
 Accessibility 1108.2
 Bleachers (see BLEACHERS)
 Grandstands (see GRANDSTANDS)
 Live load Table 1607.1
 Occupant load 1004.7
 Temporary 107

SECURITY GRILLES 1008.1.3.5

SEISMIC 1613
 Loads 1613
 Masonry 2106
 Piers or piles 1808.2.23
 Steel 2205
 Soils investigation 1802.2.6, 1802.2.7
 Structural observations 1707, 1709
 Structural testing 1708
 Ties, concrete footings 1805.4.2.2
 Ties, pile foundation 1808.2.23
 Wood 2305, 2308.11, 2308.12

SERVICE STATION (see MOTOR FUEL-DISPENSING FACILITIES)

SHAFT (see SHAFT ENCLOSURE and VERTICAL OPENING PROTECTION) 702

SHAFT ENCLOSURE (see VERTICAL OPENING PROTECTION) 707
 Construction 707.11, 707.12
 Elevators 707.14
 Fire-resistance rating 707.4
 High-rise buildings 403.3.2
 Materials 707.3
 Penetrations 707.8, 716.5.3
 Refuse and laundry chutes 707.13
 Required 707.2

SHEAR WALL
 Gypsum board and plaster 2505
 Masonry 2102.1, 2106.1.1, 2109.2.1
 Wood 2302.1, 2305.3, 2306.4

SHEATHING
 Clearance from earth 2304.11.2.2
 Fastening 2304.9
 Fiberboard 2306.4.4
 Floor 2304.7, 2308.8.6
 Gypsum 2306.4.5.1.6
 Moisture protection 2304.11.2.2
 Particleboard 2306.4.3
 Roof 2304.7
 Roof sheathing 2308.10.8
 Wall 2304.6.1, 2308.9.3
 Wood structural panels 2303.1.4, 2211.3

SHOPPING CENTERS 309

| | | | |
|---|--|---|------------------------|
| SHOTCRETE | 1913 | SMOKE CONTROL | 909 |
| SHUTTERS, FIRE (see OPENING PROTECTIVES) | 715.4 | Atrium buildings | 404.4 |
| SIDEWALKS | 105.2(6) | Covered mall building | 402.9 |
| SIGNS | 3107 | High-rise | 1020.1.7 |
| Accessibility | 1007.6, 1007.7, 1011.3,1110, E107, E109.2.2 | Special inspections | 1704.14 |
| Animated devices | H108 | Stages | 410.3.7.2 |
| Area of refuge, accessible ... | 1007.6.4, 1007.6.5, 1110.1, 1110.3 | Standby power systems | 2702.2.2 |
| Area for assisted rescue, exterior | 1007.8.3, 1110.3 | Systems | 909 |
| Covered mall building | 402.15 | Underground buildings | 405.5 |
| Doors | 1008.1.8, 1008.1.8.3 | Values | 3410.6.10.1 |
| Electrical | H106 | SMOKE DAMPERS | 716.2-716.5 |
| Elevators | 1109.6, 1110.2 | Smoke barriers | 716.5.4, 716.5.5 |
| Exit | 1011.1, 2702.2.3 | SMOKE DETECTORS | |
| Floor loads | 1603.3 | Covered mall | 907.2.20 |
| Ground | H109 | High-rise buildings | 403.5, 907.2.12 |
| Height limitation | H109.1, H112.4 | HPM | 415.8.9 |
| Illumination | H106.1 | Institutional I-2 | 407.6 |
| Marquee | H113 | Multiple-station | 907.2.10 |
| Occupant content, assembly | 1004.3 | Residential aircraft hangars | 907.2.21 |
| Parking spaces | 1110.1 | Residential occupancies | 907.2.10.1 |
| Plastic | 2611 | Single-station | 907.2.10 |
| Portable | H114 | Smoke activated doors | 715.4.7.3 |
| Projecting | H112 | Special amusement buildings | 411.5 |
| Roof | H110 | Underground buildings | 907.2.18 |
| Stair identification | 1020.1.6, 1110.2, 1110.3 | SMOKE EXHAUST SYSTEMS | |
| Standpipe control valve | 905.7.1 | Underground buildings ... | 405.5, 907.2.18, 909.2 |
| Wall | H111 | SMOKE PARTITIONS | 407.3, 710 |
| SITE DRAWINGS | 106.2 | Materials | 710.2 |
| SITE WORK | 3304 | Fire-resistance rating | 710.3 |
| SKYLIGHTS | | Continuity | 710.4 |
| Light, required | 1205.1 | Openings | 710.5 |
| Plastic | 2610 | Penetration and joint | 710.6 |
| Protection from adjacent construction | 3307.1 | Ducts and air transfer openings | 710.7 |
| SLAB, COMPOSITE STEEL | | Smoke and draft control doors | 710.5.2 |
| DECK/CONCRETE | 2209.2 | SMOKE VENTS | 410.3.7.1, 910, 1016.2 |
| SLAB ON GROUND, CONCRETE .. | 1911, 2304.11.2.3 | SMOKEPROOF ENCLOSURES | 1020.1.7 |
| SLATE SHINGLES | 1507.7 | Design | 909.20 |
| SMOKE BARRIERS | 709, 716.5.5 | SNOW LOAD | 1608 |
| Construction | 709.4, 909.5 | Glazing | 2404 |
| Doors | 709.5, 715.4, 909.5.2 | SOILS AND FOUNDATIONS | Chapter 18 |
| Duct penetration | 716.5.5 | Classification | 1802.3 |
| Fire-resistance rating | 709.3 | Depth of footings | 1805.2 |
| Materials | 709.2 | Excavation, grading and fill | 1803 |
| Openings | 709.5, 909.5.2 | Expansive | 1802.3.2, 1805.8 |
| Penetrations | 709.6 | Footings and foundations | 1805 |
| Required | 407.4, 408.6 | Footings on or adjacent to slopes | 1805.3 |
| Walls | 709.4 | Foundation walls | 1805.5 |
| | | Foundations, pile and pier | 1808 |
| | | Grading | 1803.3 |
| | | Investigation | 1802 |

Investigation, pile and pier 1802.2.4
 Investigation, seismic 1802.2.6,1802.2.7
 Loadbearing values 1804
 Soil boring and sampling 1802.5
 Soil lateral load 1610
 Special inspection 1704.7
 Testing, piles 1808.2.8.3
SOUND TRANSMISSION 1207
SPECIAL CONSTRUCTION Chapter 31
SPECIAL INSPECTIONS (see INSPECTIONS) Chapter 17
 Continuous 1702.1
 Periodic 1702.1
 Statement 1705
SPIRAL STAIRS 1009.8
 Stages 410.5.3
SPRAY-APPLIED FIRE RESISTANT MATERIALS 1702.1
 Inspection 1704.10
 Steel column calculated fire resistance 721.5.2.2
SPRINKLER SYSTEMS, AUTOMATIC 903
 Exempt locations 903.3.1.1
 Substitute for fire rating Table 601(4)
 Values 3410.6.17
SPRINKLERS, REQUIRED 903
 Aircraft hangars 412.2.6
 Aircraft paint hangars 412.4
 Atrium building 404.3
 Basements 903.2.10.1
 Covered mall building 402.8
 Garages 406.3.10, 903.2.8
 Hazardous occupancies 903.2.4
 High-rise buildings 403.2
 Incinerator rooms Table 508.2
 Laundry chutes, refuse chutes, termination rooms and incinerator rooms 707.13, 903.2.10.2
 Multistory buildings 903.2.10.3
 Spray finishing booth 416.4
 Supervision (see SPRINKLERS, SUPERVISION) 903.4
 Underground buildings 405.3
SPRINKLERS, SUPERVISION 903.4
 Service 901.6
 Underground buildings 405.3
STAGES AND PLATFORMS 410
 Alternating tread stairway 410.5.3
 Dressing rooms 410.5
 Egress 410.5.3, 1015.6
 Fire barrier wall 410.5.1

Floor finish and floor covering 804.4
 Platform, temporary 410.4.1
 Platform construction 410.4
 Proscenium curtain 410.3.5
 Proscenium wall 410.3.4
 Roof vents 410.3.7.1
 Scenery 410.3.6
 Smoke control 410.3.7.2
 Sprinkler system, automatic 410.6
 Standpipes 410.7
 Ventilation 410.3.7
STAIRWAY (see ALTERNATING TREAD DEVICES, STAIRWAY CONSTRUCTION and STAIRWAY ENCLOSURE)
 Exterior exitway 1023.1, 1024.1
 Discharge barrier 1020.1.6
 Width, minimum 1009.1
STAIRWAY CONSTRUCTION
 Aisle 1025.9
 Alterations 3403.4
 Alternating tread 1009.9
 Circular (see Curved)
 Curved 1009.7
 Elevators 3002.7
 Enclosure under 1009.5.3
 Fireblocking 717.2.4
 Handrails 1009.10
 Headroom 1009.2
 Illumination 1205.4
 Landings 1009.4
 Live load Table 1607.1
 Projections 1009.11.7
 Seismic anchorage 2308.12.7
 Spiral 408.3.3, 1009.8
 Treads and risers 1009.3
 Width 1009.1
 Winders 1009.3
STAIRWAY ENCLOSURE 1020.1
 Access 1020.1.7.2
 Construction 1020.1.2
 Discharge 1024.1
 Doors, automatic closing 715.4.7
 Elevators within 3002.7
 Fire-resistant construction 1020.1
 Penetrations 1020.1.2
 Space below, use 1009.5.3
 Ventilation 1020.1.3
STANDBY POWER
 Atriums 404.6
 Covered mall building 402.13
 Elevators 3003.1

Hazardous occupancy 414.5.4
 High-rise 403.10
 Stages 909.11
 Underground buildings 405.9

STANDPIPE AND HOSE SYSTEMS (see STANDPIPES, REQUIRED) 905

 Dry 905.8
 Hose connection location 905.1, 905.4-905.6
 Cabinet locks 905.7.2

STANDPIPES, REQUIRED

 Assembly 905.3.2, 905.5.1
 Covered mall buildings 905.3.3
 During construction 905.10
 Stages 905.3.4
 Underground buildings 405.11, 905.3.5

STATE LAW 102.2

STEEL Chapter 22

 Bolting 2204.2
 Cable structures 2207
 Calculated fire resistance 721.5
 Cold-formed 2202.1, 2204, 2210
 Conditions of restraint 703.2.3
 Deck/concrete composite slabs 2209.2
 Identification and protection 2203
 Inspection, concrete reinforcement 109.3.1
 Joists 2202.1, 2206
 Open web joist 2206
 Parapet walls 1503.3
 Piles 1809.3
 Reinforcement, concrete 1907
 Seismic provisions 2205.2
 Storage racks 2208
 Structural 2205
 Welding 2204.1

STONE VENEER 1405.6

 Slab-type 1405.7

STOP WORK ORDERS 114

STORAGE OCCUPANCY (GROUP S) 311

 Area Chapter 5
 Automobile parking garage 406
 Floor loads Table 1607.1
 Hazard storage, Group S-1, moderate 311.2
 Hazard storage, Group S-2, low 311.3
 Height Chapter 5
 High piled combustible 413
 Interior finishes Table 803.5
 Smoke and heat vents 910.2
 Sprinkler system, automatic 903.2.9
 Travel distance increase 1016.2

STRENGTH

 Design requirements 1604.2
 Masonry 2102.1
 Nominal 1602.1
 Required 1602.1

STRENGTH DESIGN 1602.1, 1604.1

 Masonry 2101.2.2, 2108

STRUCTURAL DESIGN Chapter 16

 Aluminum Chapter 20
 Concrete Chapter 19
 Foundations Chapter 18
 Masonry Chapter 21
 Steel Chapter 22
 Wood Chapter 23

STRUCTURAL FRAME INSPECTION 109.3.4

STRUCTURAL TESTS AND SPECIAL INSPECTIONS Chapter 17

 Alternative test procedure 1711
 Approvals 1703
 Contractor responsibilities 1706
 Design strengths of materials 1710
 General 1701
 In-situ load tests 1713
 Material and test standards 1715
 Preconstruction load tests 1714
 Special inspections 1704, 1707
 Statement of special inspections 1705
 Structural observations 1709
 Structural testing 1708
 Test safe load 1712

STRUCTURAL OBSERVATION 1702.1, 1709

STRUCTURES, EXISTING Chapter 34

 Accessibility 3409
 Additions, alterations or repairs 3403
 Change of occupancy 3406
 Glass replacement 3405
 Historic buildings 3407
 Maintenance 3409.2
 Moved structures 3408
 Unsafe 115

STUCCO 2512

SWIMMING POOL, GLASS 2406.3

SWIMMING POOL, ENCLOSURES 3109

 Gates, access 3109.4.1.7
 Indoor 3109.4.2
 Public 3109.3
 Residential 3109.4

T

| | |
|---|------------------------|
| TELEPHONE EXCHANGES | 304 |
| TELESCOPIC SEATING (see FOLDING AND TELESCOPIC SEATING) | |
| TEMPORARY STRUCTURES | 3103 |
| Certificate of occupancy | 107.3 |
| Conformance | 107.2 |
| Permit | 107.1 |
| Power, temporary | 107.3 |
| Structures | 3103 |
| Termination of approval | 107.4 |
| TENANT SEPARATION | |
| Covered mall buildings | 708.1 |
| TENTS | |
| Standby power | 2702.2.8 |
| TERMITES, PROTECTION FROM | 2304.11 |
| TERRA COTTA | 1405.8 |
| TESTING | |
| Building official required | 104.11.1 |
| Concrete | 1905.6.2.4, 1905.6.5.2 |
| Fire-resistant materials | 703.2 |
| Glazing | 2406, 2408.2.1 |
| Roof tile | 1715.2 |
| Seismic | 1708 |
| Smoke control, atrium buildings | 909.3 |
| Soils | 1802 |
| Sprinklers | 904.4 |
| Structural | Chapter 17 |
| THEATERS (see PROJECTION ROOMS and STAGES AND PLATFORMS) | 303 |
| THERMAL BARRIER, FOAM PLASTIC INSULATION | 2603.4, 2603.5.2 |
| THERMAL- AND SOUND-INSULATING MATERIALS | 719 |
| Cellulose loose-fill insulation | 719.6 |
| Loose-fill insulation | 719.4 |
| Roof insulation | 719.5 |
| THROUGH-PENETRATIONS | |
| Air ducts | 716.6.1 |
| Fire barriers | 706.8 |
| Fire rated walls | 712.3.1 |
| Fire-rated horizontal assemblies | 712.4.1 |
| Firestop system | 712.3.1.2, 712.4.1.2 |
| TILE | 2102.1 |
| Ceramic (see CERAMIC TILE) | |
| Fire resistance, clay or shale | 720.1 |
| TOILETS | |
| Accessible | 1109.2 |
| Fixture count | Table 2902.1 |
| Grab bars | 1607.7.2 |
| Location | 2902.4, 2902.5, 2902.6 |

| | |
|----------------------|--------------------|
| Rooms openings | 1210.5 |
| Unisex | 1109.2.1, 2902.1.1 |

TOWERS

| | |
|-------------------------------|----------|
| Airport traffic control | 412.1 |
| Construction | 3108.3 |
| Dead load | 3108.4.1 |
| Grounding | 3108.5 |
| Location and access | 3108.2 |
| Radio | 3108 |
| Television | 3108 |
| Wind load | 3108.4.2 |

TOWERS, COOLING

| | |
|-------|--------|
| | 1509.4 |
|-------|--------|

TOXIC MATERIALS

| | |
|----------------------------|---------|
| Classification | 307.6 |
| Gas detection system | 908.3 |
| Separation | 415.7.3 |

TRAVEL DISTANCE

| | |
|--|---------|
| Area of refuge | 1007.6 |
| Atrium | 404.8 |
| Balcony, exterior | 1016.3 |
| Common path of travel | 1013.3 |
| Factory-industrial occupancy, increase ... | 1016.2 |
| Mall | 402 |
| Mall tenant space | 402.4.4 |
| Measurement | 1016.1 |
| Storage occupancy, increase | 1016.2 |

TREADS, STAIR (see STAIRWAY CONSTRUCTION)**TREATED WOOD**

| | |
|--------------------------|----------|
| Stress adjustments | 2306.1.3 |
|--------------------------|----------|

TRUSSES

| | |
|---|-----------|
| Fire resistance | 714.2.3 |
| Materials | Chapter 6 |
| Metal-plate-connected parallel wood ... | 2303.4.2 |

TUNNELED WALKWAY

| | |
|-------|------|
| | 3104 |
|-------|------|

TURNSTILES

| | |
|-------|--------|
| | 1008.3 |
|-------|--------|

U**UNDERGROUND BUILDINGS**

| | |
|-----------------------------------|--------------------|
| Compartmentation | 405.4 |
| Construction type | 405.2 |
| Elevators | 405.4.3 |
| Emergency power loads | 405.10 |
| Exits | 405.8 |
| Fire alarm systems | 405.6 |
| Public address | 405.7 |
| Smoke exhaust | 405.5.2 |
| Smokeproof enclosure | 1020.1.7 |
| Sprinkler system, automatic | 405.3 |
| Standby power | 405.9.1, 2702.2.16 |
| Standpipe system | 405.11 |
| Voice alarms | 907.2.19 |

UNLIMITED AREA BUILDINGS 507

UNSAFE STRUCTURES AND EQUIPMENT
(see STRUCTURES, UNSAFE) 115

 Appeals 112, Appendix B

 Restoration 115.5

 Revocation of permit 105.6

 Stop work orders 114.1

 Utilities disconnection 111.3

UNSTABLE MATERIALS 307.3

UNUSABLE SPACE 711.3.3

USE AND OCCUPANCY Chapter 3

 Accessory 508.3.1

 Incidental 508.2, Table 508.2

 Mixed 508.3

UTILITIES 111

 Service connection 111.1

 Service disconnection 111.3

 Temporary connection 111.2

UTILITY AND MISCELLANEOUS OCCUPANCY
(GROUP U) 312

 Agricultural buildings Appendix C

 Egress illumination 1011.2

 Sprinkler system, automatic 903.2.10

V

VALUATION OR VALUE (see FEES, PERMIT) . . 108.3

VEHICLE BARRIERS 406.2.4, 1602.1, 1607.7.3

VEHICLE SHOW ROOMS 304

VENEER

 Glazing 1405.11

 Cement plaster 1405.14

 Fastening 1405.16

 Fiber cement siding 1405.15

 Masonry, adhered 1405.9

 Masonry, anchored 1405.5

 Metal 1405.10

 Plastic 2605

 Slab-type 1405.7

 Stone 1405.6

 Terra cotta 1405.8

 Vinyl 1405.13

 Wood 1405.4

VENTILATION (see MECHANICAL)

 Attic 1203.2

 Bathrooms 1203.4.2.1

 Crawl space 1203.3

 Elevator hoistways 3004

 Enclosed parking garages 406.4.2

 Exhaust, hazardous 1203.5

 Exhaust, HPM 415.9.10.2

 Exit enclosure 1020.7.1

Fabrication areas, HPM 415.9.2.6

Hazardous, storage and dispensing 414.3

High-rise 1020.1.7

HPM service corridors 415.9.4.3

Mechanical 1203.1

Natural 1203.4

Projection rooms 409.3

Repair garages 406.6.3

Smokeproof enclosures 909.20.3, 909.20.5

Stages 410.3.7

Under-floor ventilation 1203.3

VENTS, PENETRATION PROTECTION 712

VERMICULITE, FIRE RESISTANT 720

VERTICAL OPENING PROTECTION

 Atriums 404.5

 Duct penetrations 716.1

 Elevators 707.14

 Institutional I-3 occupancy 408.5

 Shaft enclosure 707

 Value 3410.6.6.1

VESTIBULES, EXIT DISCHARGE 1024.1

VINYL

 Expanded 802, 803.7

 Rigid 1405.13

VIOLATIONS 113

VOICE ALARM (see also ALARMS, VOICE)

 Amusement buildings, special 411.6

 Covered mall buildings 402.14

 High-rise buildings 907.2.12

 Underground buildings 907.2.19.1

W

WALKWAY, COVERED, ENCLOSED AND
TUNNELED WALLBEARING 3104

 Fire resistance Table 601

 Live load Table 1607.1

 Materials per construction type Chapter 6

 Opening protection 715

WALL, EXTERIOR 704

 Bearing Chapter 6

 Coverings 1405

 Fire-resistance ratings 704.5, 706, 1403.6

 Flashing, veneered walls 1405.3

 Foam plastic insulation 2603.4.1.4, 2603.5

 Light-transmitting plastic panels 2607

 Materials 704.4, 1406

 Nonbearing Chapter 6

 Opening protection 704

 Projections 704.2

 Structural stability 704.6

 Veneer (see VENEER)

- Weather resistance 1403.2, 1405.2
- Weather resistant barriers 1405.2
- WALL, FIRE (see FIRE WALLS)**
- WALL, FIRE RESISTANT, PENETRATIONS** 712.3
- WALL, FOUNDATION** 1805.5
 - Damproofing and waterproofing 1807
- WALL, INTERIOR**
 - Opening protection 715
- WALL, INTERIOR NONBEARING (see PARTITIONS)**
- WALL, MASONRY** 2102.1
 - Lateral stability 2109.2
 - Lateral support 2109.4, 2106
 - Shear 2109.2.1
 - Wood contact 2304.11.2.3, 2304.11.2.5
- WALL, PARAPET** 704.11, 1503.3, 2109.5.4
- WALL, PARTY (see FIRE WALLS)**
- WALL, RETAINING** 1806, 2304.11.7
- WALL, VENEERED (see VENEER)** Chapter 14
- WALL, WOOD CONSTRUCTION**
 - Bracing 2308.9.3
 - Cutting, notching, boring 2308.9.10
 - Exterior framing 2308.9
 - Fastening schedule 2304.9
 - Framing 2304.3, 2308.9
 - Interior bearing partition 2308.9.1
 - Interior nonbearing partition 2308.9.2.3
 - Openings 2308.9.5, 2308.9.6, 2308.9.7
 - Shear walls 2305.3, 2306.4
 - Sheathing (see SHEATHING)
 - Studs 2308.9.1
 - Top plates 2308.9.2.1
- WATER-REACTIVE MATERIALS** Table 307.1(1)
- WEATHER, COLD**
 - Concrete construction 1905.12
 - Masonry construction 2104.3
- WEATHER, HOT**
 - Concrete construction 1905.13
 - Masonry construction 2104.4
- WEATHER PROTECTION**
 - Exterior walls 1405.2
 - Roofs 1503
- WEEP HOLES** 2104.1.8
- WELDING** 2204.1
 - Materials, verification of
 - steel reinforcement 1704.4.1
 - Special inspections 1704.3.1, 1707.2
 - Splices of reinforcement in masonry 2107.6, 2108.3
- WIND LOAD** 1609
 - Basic wind speed 1609.3
 - Construction documents 1603.1.4
 - Exposure category 1609.4
 - Glazing 2404
 - Glass block 2110.3.1
 - Hurricane-prone regions 1609.2
 - Provisions for walls 2306.2
 - Roofs 1504.1, 1609.5, 2308.10.1
 - Seismic detailing 1604.10
 - Testing 1715.2.2
 - Wind-borne debris region 1609.2
- WINDERS, STAIR (see STAIRWAY CONSTRUCTION)**
- WINDOW**
 - Emergency egress 1026
 - Exterior, structural testing 1714.5
 - Fire (see OPENING PROTECTIVES) 715.4.7, 715.4.8
 - Glass (see GLAZING) 1405.12
 - Operable 1109.13.1
 - Required, light and ventilation 1205.2
 - Wells 1026.5
- WIRES, PENETRATION PROTECTION** 712
- WOOD** Chapter 23
 - Allowable stress design 2306
 - Assemblies, calculated fire resistance 721.6
 - Bracing, walls 2308.9.3
 - Ceiling framing 2308.10
 - Connections and fasteners 2304.9
 - Contacting concrete, masonry
 - or earth 2304.11.4
 - Decay, protection against 2304.11
 - Diaphragms 2305.2, 2306.3
 - Draftstopping 717.3, 717.4
 - End-jointed lumber 2303.1.1
 - Fiberboard 2303.1.5, 2306.4.4
 - Fire-retardant treated 2303.2
 - Fireblocking 717.2
 - Floor and roof framing (see FLOOR CONSTRUCTION, WOOD) 2304.4
 - Floor sheathing 2304.7
 - Foundation 1805.4.6, 2308.3.3.1
 - Grade, lumber 2303.1.1
 - Hardboard 2303.1.6
 - Heavy timber construction 2304.10
 - Hurricane shutters 1609.1.2
 - I-joint 2303.1.2
 - Inspection, special 1704.6, 1707.3
 - Lateral force-resisting systems 2305
 - Light-frame construction, conventional 2308
 - Load and resistance factor design 2307
 - Moisture content 2303.1.8.2, 2303.2.5
 - Nails and staples 2303.6
 - Particleboard shear walls 2306.4.3
 - Plywood, hardwood 2303.3

- Preservative treated 1403.6, 2303.1.8
- Roof framing (see
 ROOF CONSTRUCTION, WOOD) 2304.4
- Roof sheathing 2304.7
- Seismic provisions 2305, 2306,
 2308.11, 2308.12
- Shear walls 2305.3, 2306.4
- Standards and quality, minimum 2303
- Structural panels. 2302.1, 2303.1.4
- Supporting concrete or masonry 2304.12
- Termite, protection against 2304.11
- Trusses 2303.4
- Veneer Chapter 14
- Wall framing (see WALL,
 WOOD CONSTRUCTION) 2304.3
- Wall sheathing 2304.6
- Wind provisions 2306.2
- WOOD SHINGLES AND SHAKES** 1507.8, 1507.9
- WOOD STRUCTURAL PANELS**
 (see WOOD) 2302.1, 2303.1.4
- Diaphragms 2306.3.2
- Shear walls 2306.4.1
- Sheathing. 2304.6.1

Y

- YARDS OR COURTS** 704.3, 1206

