

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

- Assembly seating 1108.2, 1109.10
- Detectable warnings 1109.9
- Detention and correctional facilities . . . 1103.2.13, 1107.5.5, 1108.4.2, 3409.8.7
- 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
- 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
- Service facility . . . 1109.12, 3409.8.10, 3409.8.11
- Signage 1110
- Sleeping units 1107, 3409.8.7
- Storage 1108.3, 1109.8
- Toilet and bathing facilities 1109.2, 3409.8.9, 3409.9.4
- Transient lodging 1103.2.11, 1107.6.1, 3409.8.7

ACCESSIBLE MEANS OF EGRESS 1007

ADOBE CONSTRUCTION 2102.1, 2109.8

AGRICULTURAL BUILDINGS (GROUP U) 312.1, 1103.2.5

AIR CONDITIONING (see MECHANICAL) 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

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
- 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
 - 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)
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
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
 Live load 1607.11.2.4
 Materials 3105.4
 Motor vehicle service stations 406.5.2
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
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
- CONSTRUCTION DOCUMENTS** 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
 Penetrations 712
 Roof assemblies 1503
 Roof live load 1603.1.2
 Roof snow load 1603.1.3
 Seismic 1603.1.5
 Soil classification 1802.6
 Special loads 1603.1.7
 Systems and components 1603.1.8
 Wind load 1603.1.4
- CONSTRUCTION JOINTS**
 Concrete 1906.4
 Shotcrete 1913.7
- CONSTRUCTION, PUBLIC PROPERTY** . . Chapter 32
- CONSTRUCTION TYPES** Chapter 6
 Automobile
 parking garage Table 406.3.5, 509.2,
 509.3, 509.4, 509.7, 509.8
 Classification 602
 Combustible material in Type I and Type II
 construction 603
 Covered mall buildings 402.6
 Fire resistance Table 601, Table 602
 Highrise 403.3.1
 Underground buildings 405.2
- CONTRACTOR'S RESPONSIBILITIES** . . . 901.5, 1706
- CONTROL AREA** 414.2
- CONVENTIONAL LIGHT-FRAME
 CONSTRUCTION** 2301.2.3, 2302.1, 2308
 Additional seismic requirements 2308.11,
 2308.12
 Braced wall lines 2308.3

Connections and fasteners 2308.5
 Design of elements 2308.4
 Floor joists 2308.8
 Foundation plates or sills 2308.6
 Girders 2308.7
 Limitations 2308.2
 Roof and ceiling framing 2308.10
 Wall framing 2308.9

CORNICES
 Live load Table 1607.1
 Masonry 2104.2.1
 Projection 704.2, 1406.3
 Draftstopping 717.2.6

CORRIDOR 1017
 Dead end 1017.3
 Elevation change 1003.5
 Headroom 1003.2, 1003.3.1
 HPM service 903.2.4.2
 Live load Table 1607.1
 Walls 708.1, 1017.1
 Width 1017.2

CORRIDOR PROTECTION, EXIT ACCESS
 Construction,
 fire protection 708.1, Table 1017.1, 1017.5
 Doors 715.4
 Interior finish Table 803.5, 804.4
 Opening protectives Table 715.4
 Return and exhaust air 716.5.4.1

CORROSIVES 414.3

COURTS 1206

COVERED MALL BUILDINGS 402
 Emergency voice/alarm system 907.2.20
 Standby power 2702.2.14
 Standpipe system 905.3.3

COVERED WALKWAY 3306.7

CONVEYING SYSTEMS 3005

CRAWL SPACE
 Access 1209.1
 Drainage 1807.1.2
 Ventilation 1203.3

CRIPPLE WALL 2302.1, 2308.9.4

CRYOGENIC FLUIDS Table 307.1, Table 414.5.1,
 Table 415.8.2.1.1

CURVED STAIRWAYS 1009.7

D

DAMPERS (see FIRE DAMPERS and SMOKE DAMPERS) 716.2–716.5

DAMP-PROOFING AND WATERPROOFING 1807
 Required 1807.2, 1807.3
 Subsoil drainage system 1807.4

DAY CARE 305.2, 308.5
 Adult care 308.5.1
 Child care 308.5.2
 Egress 308.5.2, Table 1004.1.1,
 Table 1015.1, Table 1019.2

DEAD END 1017.3

DEAD LOAD 1602.1, 1606
 Footing design load 1805.4.1.1

DECK 1602.1
 Anchorage 1604.8.3

DEFLECTIONS 1604.3.1
 Framing supporting glass 2403.3
 Preconstruction load tests 1714.3.2
 Wood diaphragms 2305.2.2
 Wood shear walls 2305.3.2, 2305.3.8.2.9

DEMOLITION 3303

DESIGN STRENGTH 1602.1, 2102.1
 Conformance to standards 1710.1
 New materials 1710.2

DESIGNATED SEISMIC SYSTEM 1702.1
 Seismic qualification 1708.5
 Special inspection 1707.9

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

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
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

FASTENING, WOOD CONSTRUCTION 2304.9

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 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
 - 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
 - Grading and fill 1803.4, 1807.1.2.1
 - Interior finishes 801.1.3
 - 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

Veneer 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

GYPSON 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**

Approval required	1704.1
Atrium buildings	909.3
EIFS	1704.12
Fabricators	1704.2
Fire-resistant materials	1707.11
Lath or gypsum board	2503
Pier	1704.9
Pile	1704.8, 1808.2
Reinforcing steel	1704.4
Seismic	1707
Special	1704.13
Sprinklers	904.4
Steel, structural	1704.3, 1704.11.3.2
Steel framing, cold-formed	1704.3
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
-------------------------------------	-----

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

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

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

INDEX

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
Aluminum Chapter 20
Concrete Chapter 19
Glass and glazing Chapter 24
Gypsum Chapter 25
Masonry Chapter 21
Noncombustible 703.4
Plastic Chapter 26
Steel. Chapter 22
Testing (see TESTING) 1715
Wood Chapter 23

MEANS OF EGRESS. Chapter 10
Accessible 1007, 3409.6, 3409.8.8
Aircraft hangers, residential. 412.3.3
Aisles 1014.4
Assembly 1007.1, 1025
Atrium 404.8
Bleachers. 1025.1.1
Capacity 1005.1
Child care facilities (see DAY CARE FACILITIES)
Ceiling height 1003.2
Corridors 1017
Covered mall buildings 402.4
Day care facilities 308.5.2, Table 1004.1.1,
Table 1015.1, Table 1019.2
Doors 1008
Elevation change 1003.5
Elevators 1003.7
Emergency escape and rescue. 1026
Emergency lighting values. 3410.6.15
Enclosures under stairways. 1009.5.3
Escalators. 1003.7
Existing buildings. 3409.6, 3410.5, 3410.6.11
Exit (see EXIT). 1018–1023
Exit access. 1014–1017
Exit discharge 1024
Exit doors 1018.2
Exit signs 1011
Fire escapes 3404
Floor surface. 1003.4
Gates 1008.2
Grandstands 1025.1.1
Guards 1013
Handrails 1012
Hazardous materials. 414.6.1.2
Headroom. 1003.1, 1008.1.1 1009.2, 1010.5.2
High Hazard Group H. 415.8.4.4
Helistops 412.5.4, 1019.1.2
Horizontal exits 1022
Illumination. 1006
Institutional Group I-2 407.4.2
Institutional Group I-3. 408.2, 408.3,
408.5, 408.6.3
Mezzanines 505.3, 505.4, 1004.6, 1007.1
Minimum width 1005.1
Moving walk 1003.7
Number. 1019.1
Occupant load. 1004.1
Parking. 406.3.8
Passageway. 1021
Path of egress travel, common 1014.3
Protruding objects 1003.3, 1005.2
Ramps 1010, 1023
Seating at tables 1014.4.3
Seating, fixed 1007.1, 1025
Single exit. 1015.1.1, 1019.2
Special amusement 411.2
Stage 410.3.3, 410.5.3, 1015.6
Stairways 1009, 1020.1, 1023
Temporary structures 3103.4
Travel distance. 1016.1, 1025.7
Turnstile 1008.3
Underground buildings 405.5.1, 405.8

Vertical exit enclosures 1020.1
 Width 1005.1, Table 1005.1, 1025.6, 1025.8

MECHANICAL (see AIR CONDITIONING, HEATING, REFRIGERATION, AND VENTILATION)

Air transfer openings 704.14, 705.11, 706.10, 716.5

Chimneys (see CHIMNEYS) 2113

Code Chapter 28

Equipment on roof 1509, 1510.2

Factory-built fireplace 2111.14.1

Fireplaces 2111.1

Room separation Table 508.2, 508.2.2

Seismic inspection and testing 1707.8, 1707.9, 1708.5

Smoke control systems 909

Systems 1613.2, Chapter 28

MECHANICALLY LAMINATED DECKING 2304.8.3

MEMBRANE ROOF COVERINGS 1507.11, 1507.12, 1507.13

MEMBRANE STRUCTURES 2702.2.9, 3102

MENTAL HOSPITALS 308.3

MERCANTILE OCCUPANCY (GROUP M)

Aisles 1014.4.1, 1014.4.2

Area 505, 506, 507

Classification 309

Height 504

Interior finishes Table 803.5

Live load Table 1607.1

Sprinkler system, automatic 903.2.6

METAL

Aluminum Chapter 20

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 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
 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
 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

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

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	PLATFORM	
Drilled or augered uncased	1810.3	(see STAGES AND PLATFORMS)	410
Driven	1809, 1810.4	Construction	410.4
Micropiles	1808.1, 1810.8	Temporary	410.4.1
Pile load, allowable	1808.2.8	PLATFORM LIFTS, WHEELCHAIR	1007.2, 1007.5, 1009.1, 1109.7, 3409.8.3
Seismic design	1808.2.23, 1809.2.2.2.1–1809.2.3.2.2	PLENUM	
Special inspections	1704.8	Underground buildings	907.2.18.1
Steel, structural	1809.3	PLUMBING	
Steel-cased	1808.1, 1810.5	Facilities, minimum	2902
Timber	1808.1, 1809.1	Fixtures	Table 2902.1
PIPES		Residential aircraft hangars	412.3.5
Embedded in concrete	1906.3	PLYWOOD	2302.1
Embedded in fire protection	714.3	Bracing	2308.9.3
Insulation covering	719.7	Decorative	2303.3
Penetration protection	711, 1020.1.2	Design requirements	2301
Under platform	410.4	Diaphragm	2305.2, 2306.3
PLAIN CONCRETE (see CONCRETE)	1909	Fastening	2304.9
PLASTER		Fire-retardant treated	2303.2
Fire-resistance requirements	718	Lateral loads, steel studs	2211.3, 2311.7.4
Gypsum	718.1, 718.2	Preservative-treated	2303.1.8.1, 2304.11
Portland cement	718.5, Table 2507.2, Table 2511.1.1	Quality	2303
PLASTIC	Chapter 26	Roof sheathing	2304.7, 2308.10.8
Approval for use	2606.2	Seismic shear panels	2305.1.5, 2305.3, 2308.12.4
Finish and trim, interior	2604	Standards	2306.1
Light-transmitting panels	2607	Subfloors	804.4.1
Roof panels	2609	Veneer	1405.4
Signs	402.15, 2611, H107.1.1	PRESCRIPTIVE FIRE RESISTANCE	720
Thermal barrier	2603.4	PRESERVATIVE-TREATED WOOD	2302.1
Veneer	1404.8, 2605	Fastenings	2304.9.5
Walls, exterior	2603.4.1.4, 2603.5	Quality	2303.1.8
PLASTIC, FOAM		Required	1403.5, 2304.11
Insulation (see FOAM PLASTICS)	2603	Shakes, roof covering	1507.9.5, 1507.9.7
Interior finish	2604	PROJECTION ROOMS	
Malls	402.15.5	Motion picture	409
PLASTIC, LIGHT-TRANSMITTING		PROJECTIONS, COMBUSTIBLE	704.2.3, 1406.3
Awnings and patio covers	2606.10	PROPERTY LINE (see FIRE SEPARATION DISTANCE)	704.3
Bathroom accessories	2606.9	PROSCENIUM	
Exterior wall panels	2607	Opening protection	410.3.5
Glazing	2608	Wall	410.3.4
Greenhouses	2606.11	PUBLIC ADDRESS SYSTEM	
Light-diffusing systems	2606.7	Covered mall building	402.14, 2702.2.14
Roof panels	2609	Special amusement buildings	411.6
Signs, interior	2611	Underground buildings	405.7
Skylight	2610	PUBLIC PROPERTY	Chapter 32, Chapter 33
Solar collectors	2606.12	PUBLIC RIGHT OF WAY	
Structural requirements	2606.5	Encroachments	Chapter 32
Unprotected openings	2608.1, 2608.2	PYROPHORIC MATERIALS	307.4, Table 307.7(1)
Veneer, exterior	603.1(12), 603.1(14), 2605		
Wall panels	2607		

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
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

RESIDENT HOUSING AREA, INSTITUTIONAL I-3 OCCUPANCY

Accessibility	1103.2.13, 1107.5.5, 1108.4.2, 3409.8.7
Fire detection	907.2.6.3.3
Occupant load	1004.1.2
Subdivision	408.7

RESIDENTIAL CARE/ASSISTED LIVING

FACILITIES	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)	310
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)	1806
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

Appendix F	
------------	--

ROLL ROOFING

1507.6	
--------	--

ROOF ACCESS

1009.11.1	
-----------	--

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
Signs, roof mounted	H110

Slope, minimum Chapter 15
 Snow load 1603.1.3, 1608
 Wood (see ROOF CONSTRUCTION, WOOD)

ROOF CONSTRUCTION, WOOD 602.4.5
 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

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

SOILS AND FOUNDATIONS Chapter 18

Classification 1802.3

Depth of footings 1805.2

Excavation, grading and fill 1803

Expansive 1802.3.2, 1805.8

Footings and foundations 1805

Footings on or adjacent to slopes 1805.3

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

INDEX

Doors, automatic closing	715.4.7	Height.	Chapter 5
Elevators within.	3002.7	High piled combustible.	413
Fire-resistant construction	1020.1	Interior finishes	Table 803.5
Penetrations.	1020.1.2	Smoke and heat vents	910.2
Space below, use.	1009.5.3	Sprinkler system, automatic	903.2.9
Ventilation	1020.1.3	Travel distance increase	1016.2
STANDBY POWER		STRENGTH	
Atriums	404.6	Design requirements	1604.2
Covered mall building	402.13	Masonry	2102.1
Elevators	3003.1	Nominal	1602.1
Hazardous occupancy	414.5.4	Required	1602.1
High-rise	403.10	STRENGTH DESIGN.	1602.1, 1604.1
Stages.	909.11	Masonry.	2101.2.2, 2108
Underground buildings	405.9	STRUCTURAL DESIGN	Chapter 16
STANDPIPE AND HOSE SYSTEMS (see		Aluminum	Chapter 20
STANDPIPES, REQUIRED)	905	Concrete	Chapter 19
Dry	905.8	Foundations	Chapter 18
Hose connection location	905.1, 905.4-905.6	Masonry	Chapter 21
Cabinet locks	905.7.2	Steel.	Chapter 22
STANDPIPES, REQUIRED		Wood	Chapter 23
Assembly	905.3.2, 905.5.1	STRUCTURAL TESTS AND SPECIAL	
Covered mall buildings	905.3.3	INSPECTIONS	Chapter 17
During construction.	905.10	Alternative test procedure	1711
Stages	905.3.4	Approvals	1703
Underground buildings	405.11, 905.3.5	Contractor responsibilities	1706
STATE LAW	102.2	Design strengths of materials	1710
STEEL	Chapter 22	General	1701
Bolting	2204.2	In-situ load tests.	1713
Cable structures.	2207	Material and test standards	1715
Calculated fire resistance	721.5	Preconstruction load tests	1714
Cold-formed	2202.1, 2204, 2210	Special inspections	1704, 1707
Conditions of restraint	703.2.3	Statement of special inspections.	1705
Deck/concrete composite slabs	2209.2	Structural observations	1709
Identification and protection.	2203	Structural testing	1708
Joists.	2202.1, 2206	Test safe load.	1712
Open web joist.	2206	STRUCTURAL OBSERVATION	1702.1, 1709
Parapet walls	1503.3	STRUCTURES, EXISTING	Chapter 34
Piles	1809.3	Accessibility	3409
Reinforcement, concrete	1907	Additions, alterations or repairs.	3403
Seismic provisions	2205.2	Change of occupancy	3406
Storage racks.	2208	Glass replacement.	3405
Structural	2205	Historic buildings	3407
Welding	2204.1	Maintenance	3409.2
STONE VENEER	1405.6	Moved structures	3408
Slab-type.	1405.7	STUCCO	2512
STORAGE OCCUPANCY (GROUP S)	311	SWIMMING POOL, GLASS	2406.3
Area	Chapter 5	SWIMMING POOL, ENCLOSURES	3109
Automobile parking garage	406	Gates, access	3109.4.1.7
Floor loads	Table 1607.1	Indoor.	3109.4.2
Hazard storage, Group S-1, moderate	311.2	Public	3109.3
Hazard storage, Group S-2, low	311.3	Residential	3109.4

T

TELEPHONE EXCHANGES 304

TELESCOPIC SEATING (see FOLDING AND TELESCOPIC SEATING)

TEMPORARY STRUCTURES 3103

Structures 3103

TENANT SEPARATION

Covered mall buildings 708.1

TENTS

Standby power 2702.2.8

TERMITES, PROTECTION FROM 2304.11

TERRA COTTA 1405.8

TESTING

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 2302.1

Stress adjustments 2306.1.3

TRUSSES 2303.4

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 405

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

UNSTABLE MATERIALS 307.3

UNUSABLE SPACE 711.3.3

USE AND OCCUPANCY Chapter 3

Accessory 508.3.1

INDEX

Incidental 508.2, Table 508.2
Mixed 508.3
**UTILITY AND MISCELLANEOUS OCCUPANCY
(GROUP U)** 312
Egress illumination 1011.2
Sprinkler system, automatic 903.2.10

V

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

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

INDEX

WOOD STRUCTURAL PANELS

- (see WOOD)**2302.1, 2303.1.4
- Diaphragms2306.3.2
- Shear walls2306.4.1
- Sheathing.....2304.6.1

Y

- YARDS OR COURTS**704.3, 1206