

INDEX

A

ACCESS OPENINGS

Attic 1209.2
Crawl space 1209.1
Doors 712.3.2
Fire damper 716.4
Fire department 402.17
Mechanical appliances 1209.3
Refuse/laundry chutes 708.13.3

ACCESSIBILITY 1007, Chapter 11, 3411, Appendix E

Airports 412.3.6, E110
Assembly seating 1108.2, 1109.10
Bus stops E108
Controls 1109.12
Detectable warnings 1109.9
Detention and correctional facilities 1103.2.14, 1107.5.5, 1108.4.2, 3411.8.7, E104.1
Dining areas 1109.10
Drinking fountains 1109.5
Dwelling units 1107, 3411.1, 3411.8.7, 3411.8.8, 3411.8.9
Egress (see ACCESSIBLE MEANS OF EGRESS) 1007
Elevators 1007.2.1, 1007.4, 1109.6, 3001.3, 3411.8.2
Employee work areas 907.5.2.3.2, 1103.2.3, 1104.3.1
Entrances 1105, 3411.8.1, 3411.9.3
Escalators 3411.8.4
Existing buildings 1007.1, 1103.2.2, 3411, 3412.2.5
Fuel dispensing 1109.13, 3411.8.13
Historic buildings 3411.9
Judicial facilities 1108.4, 3411.8.7, 3411.8.10
Kitchens 1109.4
Laundry E105.2
Lifts 1007.5, 1109.7, 3411.8.3
Live/work unit 419.7, 1103.2.13
Maintenance 3411.2
Parking and passenger loading facilities 1106
Performance areas 1108.2.8, 3411.8.6
Platform 1104.4, 1108.2.8, 3411.8.6, E103.1
Ramps 1010, 3411.8.5
Recreational facilities 1109.14
Route 1104, 1107.4, 3411.7, 3411.9.1, 3411.9.2
Scoping 1101, 1103.1, 3411.1, E101.1

Seating 1108.2, 1109.10
Service facility 1109.11, 3411.8.12
Signage 1110, E107
Sleeping units 1107, 3411.8.7, 3411.8.8, 3411.8.9
Storage 1108.3, 1109.8
Telephone E106
Toilet and bathing facilities 1109.2, 1109.3, 3411.8.11, 3411.9.4, E105.1
Train and light rail stations E109
Transient lodging 1103.2.11, 1107.6.1, 3411.8.7, 3411.8.9, E104.2, E104.3

ACCESSIBLE MEANS OF EGRESS 1007

Areas of refuge (see AREA OF REFUGE)
Assembly 1007.1, 1028.8
Elevators 1007.2.1, 1007.4, 1007.8
Existing building 1007.1, 3411.6
Exterior area for assisted rescue (see EXTERIOR AREA FOR ASSISTED RESCUE)
Horizontal exit (see HORIZONTAL EXIT)
Mezzanine 505, 1007.1
Platform lift 1007.5
Required 1007.1
Stairs 1007.3
Signage 1007.8 through 1007.11, 3002.3

ACCESSORY OCCUPANCIES 303.1, 305.1, 508.2

Incidental accessory occupancies 508.2.5, 707.3.6

ADDITION

Accessibility 3411.5
Means of egress 3302.1, 3310

ADMINISTRATION Chapter 1

ADOBE CONSTRUCTION 2102.1, 2109.3

AEROSOLS 307.1, 307.2, 311.2, 414.1.2.1, 414.2.5, 907.2.16

AGRICULTURAL BUILDINGS

(see GROUP U) 312.1, 1103.2.5

AIR CONDITIONING

(see MECHANICAL) 2801.1, 3006.2

AIR INTAKES (see YARDS OR COURTS) 1206.3.2

AIRCRAFT HANGARS 412.4

Aircraft paint hangars 412.6, 507.9
Basements 412.4.2
Construction 412.4.1, 412.6.2
Fire area 412.4.6.2
Fire suppression system 412.4.6, 412.6.5
Heliports and helistops 412.7
Residential 412.5, 907.2.21
Unlimited height and area 504.1, 507.9

- AIRCRAFT-RELATED OCCUPANCIES** 412, E110
 Airport traffic control towers 412.3, 907.2.22
 Construction type 412.3.2
 Egress 412.3.3
 Fire detection systems,
 automatic 412.3.4, 907.2.22
 Standby power 412.3.5, 2702.2.18
 Traffic control towers 412.3
 Type of construction 412.3.2
- AISLE**
 Assembly seating 1028.6
 Bleachers 1028.1.1
 Check-out 1109.11.2
 Converging 1028.9.3
 Egress 1017
 Folding and telescopic seating 1028.1.1
 Grandstands 1028.1.1
 Obstructions 1028.9.6
 Tents 3103.4
 Walking surfaces 1028.11
 Width 1028.9
- ALARM SYSTEMS, EMERGENCY** 908
- ALARMS, FIRE (see FIRE ALARM AND SMOKE
 DETECTION SYSTEMS)**
- ALARMS, VISIBLE** 907.5.2.3
 Common areas 907.5.2.3.1
 Employee work areas 907.2.5.3.2
 Group I-1 907.5.2.3.3
 Group R-1 907.5.2.3.3
 Group R-2 907.5.2.3.4
 Public areas 907.5.2.3.1
- ALARMS, VOICE** 907.5.2.2
 Amusement buildings, special 411.6, 2702.2.1
 Covered mall buildings 402.14, 402.15,
 907.2.20, 2702.2.14
 High-rise buildings 403.4.3, 907.2.13
 Special amusement buildings 411.6
 Underground buildings 405.9.1,
 907.2.18, 907.2.19
- ALLOWABLE STRESS DESIGN** 1602.1
 Load combinations 1605.3
 Masonry design 2101.2.1, 2107
 Wood design 2301.2, 2306
- ALTERATIONS** 3404
 Accessibility 3411.6, 3411.7, 3411.9
 Compliance alternatives 3412
 Means of egress 3302.1, 3310.2, 3411.6
- ALTERNATING TREAD DEVICES** 1009.10
 Construction 1009.10.2
 Equipment platform 505.5
 Heliports 412.7.3
- ALUMINUM** 1404.5.1, 1604.3.5, Chapter 20
- AMBULATORY HEALTH CARE FACILITIES** 422
 Fire alarm and smoke detection 907.2.2.1
 Smoke compartment 422.2, 422.4
- AMUSEMENT BUILDING, SPECIAL** 411
 Classification 411.1
 Emergency voice/alarm
 communications system 411.6, 907.2.12
 Exit marking 411.7
 Fire detection 411.3, 411.5, 907.2.12
 Interior finish 411.8
 Smoke detection system 411.3, 411.5, 907.2.12
 Sprinklers 411.4
- AMUSEMENT PARK STRUCTURES** 303
- ANCHOR STORE (see COVERED MALL
 AND OPEN MALL BUILDINGS)** 402
 Construction type 402.6
 Means of egress 402.4.3.1
 Occupant load 402.4.1.1, 402.4.1.3
 Separation 402.7.1, 402.7.3
 Sprinkler 402.9
- ANCHORAGE** 1604.8
 Braced wall line sills 2308.3.3
 Concrete 1911, 1912
 Conventional light-frame
 construction 2308.11.3.1, 2308.12.7,
 2308.12.8, 2308.12.9
 Decks 1604.8.3
 Seismic anchorage for masonry chimneys . . 2113.4
 Seismic anchorage for masonry fireplaces . . 2111.4
 Walls 1604.8.2
 Wood sill plates 2308.3.3
- APARTMENT HOUSES** 310.1
- ARCHITECT (see definition for REGISTERED
 DESIGN PROFESSIONAL)**
- ARCHITECTURAL TRIM** 603.1, 1406.2.2
- AREA, BUILDING** Chapter 5
 Aircraft control towers 412.3.2
 Aircraft hangars, residential 412.5.5
 Covered mall building 402.6
 Enclosed parking garage 509.2, 509.3,
 509.4, 509.9
 Limitations 503, 505
 Membrane structures 3102.4
 Mezzanines 505.2, 505.5
 Mixed construction types 3102.6
 Mixed occupancy 508
 Modifications 506, 509
 Open mall building 402.6
 Open parking garage 406.3.6, 406.3.7,
 509.2, 509.3, 509.4,
 509.7, 509.8, 509.9
 Private garages and carports 406.1.1, 406.1.2

Unlimited area 503.1.3, 506.2.1, 507

AREA FOR ASSISTED RESCUE, EXTERIOR
(see EXTERIOR AREAS FOR ASSISTED RESCUE)

AREA OF REFUGE
(see ACCESSIBLE MEANS OF EGRESS)

Requirements 1007.6, 1007.6.1, 1007.6.2

Signage 1007.9, 1007.10, 1007.11

Two-way communication 1007.6.3,
 1007.8, 1007.11

Where required 1007.2, 1007.3, 1007.4

ASSEMBLY OCCUPANCY (GROUP A) 303, 1028

Accessory 508.2

Aisles 1017.4, 1028.9

Amusement buildings, special 411

Area 503, 505, 506, 507, 508

Bleachers (see BLEACHERS)

Egress, special provisions 1008.1.10, 1028.3

Fire alarms 907.2.1

Folding and telescopic seating 1028.1.1

Guards 1013.1, 1028.14

Grandstands (see GRANDSTANDS)

Height 503, 504, 505, 506, 508, 509

High-rise 403.1

Interior finishes Table 803.9, 804

Live load Table 1607.1, 1607.9.1.4, 1607.11.2.2

Motion picture theaters 409, 507.11

Occupancy category Table 1604.5

Panic hardware 1008.1.10, 1008.2.1

Parking beneath or above 509.2, 509.7, 509.9

Plumbing fixtures 2902

Seating, fixed (see SEATING, FIXED)

Seating, smoke-protected 1028.6.2

Special occupancy separation 303.1,
 Table 508.2.5, Table 508.4

Sprinklers 507.3, 507.6, 507.7, 507.11, 903.2.1

Stages and platforms 410

Standby power systems 2702.2.1

Standpipes 905.3.2, 905.5.1

Travel distance 1014.3, 1016.1, 1021.2, 1028.7

Unlimited area 507.3, 507.6, 507.7, 507.11

ASSISTED LIVING (see RESIDENTIAL CARE/ASSISTED LIVING FACILITIES)

ATRIUM 404

Automatic sprinkler protection 404.3

Enclosure 404.6, 707.3.5

Fire alarm system 404.4, 907.2.14

Interior finish 404.8

Smoke control 404.5, 909

Standby power 404.7

Travel distance 404.9, 1014.3, 1016.1, 1021.2

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 712.3.3

Ventilation 1203.2

AUDITORIUM 303.1

Accessibility 1108.2

Foyers and lobbies 1028.4

Interior balconies and galleries 1028.5

Motion picture projection rooms 409

Stages and platforms 410

AUTOMOBILE PARKING GARAGE (see GARAGE, AUTOMOBILE PARKING) 406

AWNINGS 3105

Design and construction 3105.3

Drainage, water 3201.4

Encroachment, public right-of-way 3202.2.3,
 3202.3.1, 3202.4

Live load Table 1607.1, 1607.11.2.1, 1607.11.4

Materials 3105.4

Motor vehicle service stations 406.5.3

Plastic 2606.10

B

BALCONIES

Accessibility 1108.2.4

Assembly 1028.5

Construction, exterior 1406.3

Egress, means of 1016.2, 1019, 1028.5

Emergency escape 1029.1

Exterior egress 1016.2

Guards 1013.1

Live load Table 1607.1

Projection 705.2, 1406.3

Public right-of-way encroachments 3202.3.2,
 3202.3.3

Travel distance 1016.2

BARBECUES 2801

BARRIERS

Fire (see FIRE BARRIER)

Pedestrian protection 3306

Smoke (see SMOKE BARRIER)

Vehicle 406.2.4, 1602.1, 1607.7.3

BASEMENT (see UNDERGROUND BUILDINGS)

Aircraft hangars 412.4.2

Area modification 506.4, 506.5

Considered a story 502.1

Emergency escape 1029.1
 Flood loads 1612.2, 1612.5
 Height modifications for 509.5
 Prohibited 415.1, 415.4, 415.5,
 415.8.5.2.2, 418.1
 Rodentproofing Appendix F
 Sprinklers 903.2.11.1
 Waterproofing and dampproofing 1805

BASEMENT WALLS
 Concrete Table 1904.3, 1909.6.1
 Soil loads 1610.1
 Waterproofing and dampproofing 1805

BASIC WIND SPEED 1609.3

BAY AND ORIEL WINDOWS 1406.4
 Public right-of-way encroachments 3202.3.2,
 3202.3.3

BLEACHERS 303.1, 1028.1.1, 3401.1
 Accessibility 1108.2
 Egress 1028.1.1
 Live load Table 1607.1
 Occupant load 1004.7

BOILER ROOM
 Exits 1015.3

BOLTS 2204.2
 Anchors 1911, 1912, 2204.2.1
 High strength, steel 1704.3.3

BONDING, MASONRY 2103.9, 2109.2

BRACED WALL LINE 2302.1, 2308.3
 Bracing 2309.3
 Seismic requirements 2308.12.2,
 2308.12.4, 2308.12.6
 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)

BUILDING
 Access, fire department 402.17
 Area (see AREA, BUILDING) 502.1, 503,
 505, 506, 507, 508, 509
 Demolition 3303
 Existing Chapter 34
 Fire walls 706.1
 Height (see HEIGHT, BUILDING) 502.1,
 503, 504, 505,
 506, 508, 509
 Occupancy classification Chapter 3
 Party walls 706.1.1

BUILT-UP ROOFS 1507.10

BUSINESS OCCUPANCY (GROUP B) 304
 Accessory 508.2
 Aisles 1017.2
 Ambulatory health care facilities 422
 Area 503, 505, 506, 507, 508
 Assembly 303.1
 Educational 303.1, 304.1
 Fire alarm 907.2.2
 Height 503, 504, 505, 506, 508, 509
 Interior finishes Table 803.9, 804
 Live load Table 1607.1
 Parking under
 or above 509.2, 509.7, 509.8, 509.9
 Plumbing fixtures 2902
 Special occupancy
 separation 303.1, Table 508.2.5
 Travel distance 1014.3, 1016.1, 1021.2
 Unlimited area 507.3, 507.4

C

CABLES, STEEL STRUCTURAL 2207

CALCULATED FIRE RESISTANCE
 (see FIRE RESISTANCE, CALCULATED)

CANOPIES 3105
 Design and construction 3105.3
 Drainage, water 3201.4
 Encroachment, public right-of-way 3202.3.1
 Live load Table 1607.1,
 1607.11.2.1, 1607.11.4
 Materials 3105.4
 Motor vehicle service stations 406.5.3
 Plastic 2606.10

CARE FACILITIES (see HEALTH CARE)

CARPET
 Floor covering 804.2
 Textile ceiling finish 803.6
 Textile wall coverings 803.5

CATWALKS
 Live loads Table 1607.1
 Means of egress 410.3.2
 Sprinklers 410.6

CEILING
 Acoustical 808
 Height 409.2, 909.20.4.3,
 1205.2.2, 1208.2
 Interior finish 803
 Penetration of fire-resistant
 assemblies 713.4,
 716.2, 716.6
 Suspended acoustical 808.1.1

CELLULOSE NITRATE FILM 409.1, 903.2.5.3

CERAMIC TILE

- Material requirements 2103.5
- Mortar 2103.10
- CERTIFICATE OF OCCUPANCY** 3408.2
- CHANGE OF OCCUPANCY**
 - Accessibility 3411.4, 3412.2.5
- CHILD CARE (see DAY CARE)** 305.2, 308.3.1, 308.5.2, 310.1
- CHIMNEYS** 2102.1, 2111, 2112, 2113
 - Factory-built 717.2.5
 - Flashing 1503.6
 - Protection from adjacent construction 3307.1
- CHURCHES**
(see **RELIGIOUS WORSHIP, PLACES OF**)
- CIRCULAR STAIRS (see CURVED STAIRWAYS)**
- CLAY ROOF TILE** 1507.3
 - Testing 1716.2
- CLINIC**
 - Hospital 308.3
 - Outpatient (see **AMBULATORY HEALTH CARE FACILITIES**) 304.1.1, 422
- COAL POCKETS** 415.6.1.6
- CODES** Chapter 35
- COLD STORAGE (see FOAM PLASTIC INSULATION)**
- COLD-FORMED STEEL** 2202.1, 2209
 - Light-frame construction 2210
 - Special inspection 1704.3.1.2, 1704.3.4, 1706.3, 1707.4
- COMBUSTIBLE DUSTS** 415.6.1
- COMBUSTIBLE LIQUIDS** 307.4, 307.5, 415.6.2
- COMBUSTIBLE MATERIAL**
 - Concealed spaces 413.2, 717.5
 - Exterior side of exterior wall 1406
 - High-pile stock or rack storage 413.1, 910.2.2
 - Type I and Type II 603, 805
- COMBUSTIBLE PROJECTIONS** 705.2, 1406.3
- COMBUSTIBLE STORAGE** 413, 910.2.2
- COMMON PATH OF EGRESS TRAVEL** 1014.3
- COMPARTMENTATION**
 - Ambulatory Health Care Facilities 422.2
 - Group I-2 407.4
 - Group I-3 408.6
 - Underground buildings 405.4
 - Values 3412.6.3
- COMPLIANCE ALTERNATIVES** 3412
- COMPRESSED GAS** 307.2, 415.8.7.2.2
- CONCEALED SPACES** 413.2, 717
- CONCRETE** Chapter 19
 - ACI modifications 1901.2, 1901.3 1902.1, 1903.1, 1908
 - Anchorage 1911, 1912
 - Calculated fire resistance 721.2
 - Conduits 1906
 - Construction documents 1901.4
 - Construction joints 1906
 - Curing 1905.11
 - Durability 1904
 - Exposure conditions 1904
 - Footings 1809
 - Formwork 1906
 - Foundation walls 1807.1.5, 1808.8
 - Materials 1704.4.1, 1903
 - Mixing 1905.8
 - Pipe columns, concrete-filled 1915
 - Pipes 1906
 - Placing 1905
 - Plain, structural 1909
 - Proportioning 1905.2
 - Quality 1905
 - Reinforced gypsum concrete 1914
 - Reinforcement 1907
 - Rodentproofing Appendix F
 - Roof tile 1507.3, 1716.2
 - 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, 2108, 2109
 - Materials 2103.1
 - Surface bonding 2109.2
 - Testing 2105.2.2.2, 2105.3
 - Wood support 2304.12
- CONCRETE ROOF TILE** 1507.3
 - Wind resistance 1609.5.3, 1716.2
- CONDOMINIUM (see APARTMENT HOUSES)**
- CONDUIT, PENETRATION PROTECTION** 713.3, 1022.4
- CONGREGATE LIVING FACILITIES** 310
- CONSTRUCTION (see SAFEGUARDS DURING CONSTRUCTION)**
- CONSTRUCTION DOCUMENTS** 1603
 - Concrete construction 1901.4
 - Design load-bearing capacity 1803.6
 - Fire alarm and detection systems 907.1.1
 - Fire-resistant-joint systems 714
 - Flood 1603.1.7
 - Floor live load 1603.1.1
 - Geotechnical 1603.1.6

Masonry 2101.3
 Penetrations 713
 Roof assemblies 1503
 Roof live load 1603.1.2
 Roof snow load 1603.1.3
 Seismic 1603.1.5, 1603.1.9
 Soil classification 1803.6
 Special inspections 1703, 1705
 Special loads 1603.1.8
 Structural tests 1703
 Systems and components 1603.1.9
 Temporary structures 3103.2
 Wind load 1603.1.4

CONSTRUCTION JOINTS

Concrete 1906.4
 Shotcrete 1913.7

CONSTRUCTION TYPES Chapter 6

Aircraft related 412.3.2
 Automobile parking garage Table 406.3.3,
 509.2, 509.3, 509.4,
 509.7, 509.8, 509.9

Classification 602
 Combustible material
 in Type I and Type II construction 603, 805
 Covered mall and open mall buildings 402.6
 Fire resistance Table 601, Table 602
 High-rise 403.2
 Type I Table 601, 602.2, 603
 Type II Table 601, 602.2, 603
 Type III Table 601, 602.3
 Type IV Table 601, 602.4
 Type V Table 601, 602.5
 Underground buildings 405.2

CONTRACTOR'S RESPONSIBILITIES 901.5, 1706

CONTROL AREA 414.2, 707.3.7

Fire-resistance rating 414.2.4
 Number 414.2.3

CONVENTIONAL LIGHT-FRAME

CONSTRUCTION 2301.2, 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

CONVEYING SYSTEMS 3005

CORNICES

Draftstopping 717.2.6
 Live load Table 1607.1
 Masonry 2104.2.1
 Projection 705.2, 1406.3
 Public right-of-way encroachments 3202.3.2,
 3202.3.3

CORRIDOR (see CORRIDOR PROTECTION, EXIT ACCESS and FIRE PARTITIONS) 1018

Continuity 1018.6
 Dead end 1018.4
 Elevation change 1003.5
 Group I-2 407.2
 Hazardous 415.8.2.2, 415.8.2.7,
 415.8.3, 415.8.4, 415.8.6, 415.8.7.1.4
 Headroom 1003.2, 1003.3
 HPM service 903.2.5.2
 Live load Table 1607.1
 Walls 709.1, 1018.1
 Width 1018.2

CORRIDOR PROTECTION, EXIT ACCESS

Construction, fire protection 709.1,
 Table 1018.1, 1018.6
 Doors 715.4
 Glazing 715.5
 Group I-2 407.3
 Interior finish Table 803.9, 804.4
 Opening protection 715, 716.5.4.1
 Ventilation 1018.5, 1018.5.1

CORROSIVES 307.6, Table 414.2.5(1), 414.3,
 415.7.3, Table 415.8.2.1.1

COURTS (see YARDS OR COURTS) 1206

COVERED MALL AND

OPEN MALL BUILDINGS 402

Construction type 402.6
 Fire department 402.3, 402.17
 Fire detection/alarm system 402.4.5.1, 402.11,
 402.12.2, 402.15,
 907.2.20, 2702.2.14
 Interior finish 402.8
 Kiosk 402.11
 Means of egress 402.4, 402.5, 402.13
 Occupant load 402.4.1
 Playground structures 402.12
 Separation 402.7
 Signs 402.16
 Smoke control 402.10
 Sprinklers 402.9
 Standby power 402.14, 2702.2.14
 Standpipe system 402.9.1, 905.3.3
 Travel distance 402.4, 1014.3, 1016.1, 1021.2

COVERED WALKWAY 3306.7

CRAWL SPACE
 Access 1209.1
 Drainage 1805.1.2
 Unusable space fire protection 712.3.3
 Ventilation 1203.3
CRIPPLE WALL 2302.1, 2308.9.4
CRYOGENIC Table 307.1, Table 414.5.1,
 Table 415.8.2.1.1

D

DAMPERS (see FIRE DAMPERS AND SMOKE DAMPERS) 716.2 through 716.5
DAMPPOOFING AND WATERPROOFING 1805
 Required 1805.2, 1805.3
 Subsoil drainage system 1805.4
DAY CARE 305.2, 308.5, 310.1
 Adult care 308.5.1
 Child care 308.5.2, 310.1
 Egress 308.5.2, Table 1004.1.1,
 Table 1015.1, Table 1021.2
DAY SURGERY CENTER (see AMBULATORY HEALTH CARE FACILITIES)
DEAD END 1018.4
DEAD LOAD 1602.1, 1606
 Foundation design load 1808.3
DECK
 Anchorage 1604.8.3
 Live loads Table 1607.1
DEFLECTIONS 1604.3.1
 Framing supporting glass 2403.3
 Preconstruction load tests 1715.3.2
 Wood diaphragms 2305
 Wood shear walls 2305
DEMOLITION 3303
DESIGN STRENGTH 1602.1, 2102.1
 Conformance to standards 1711.1
 New materials 1711.2
DESIGNATED SEISMIC SYSTEM 1702.1
 Seismic qualification 1708.4
 Special inspection 1707.8
DIAPHRAGMS 1602.1, 2302.1
 Flexible 1613.6.1
 Special inspection 1704.6.1, 1706.2, 1707.3
 Wood 2305, 2306.2
DOORS 1008
 Access-controlled 1008.1.4.4
 Emergency escape 1029.1
 Fire (see OPENING PROTECTIVES) 715.4,
 1022.3, 1022.4
 Glazing 715.4.7, 715.5, 1405.13
 Hazardous storage 415.8.5.6

Hardware (see LOCKS AND LATCHES) 1005.3,
 1008.1.4.4,
 1008.1.9, 1008.1.10
 Horizontal sliding 1008.1.4.3
 Hydrogen cutoff rooms 421.4.1
 Landings 1008.1.5, 1008.1.6
 Operation 1008.1.3, 1008.1.9
 Panic and fire exit hardware 1008.1.10
 Power-operated 1008.1.4.2
 Revolving 1008.1.4.1
 Security grilles 1008.1.4.5
 Side swinging 1008.1.2
 Smoke 710.5, 711.5
 Stairways 1008.1.9.10
 Stairways, high-rise 403.5.3
 Structural testing, exterior 1715.5
 Thresholds 1003.5, 1008.1.5, 1008.1.7, 3411.8.14
 Vestibule 1008.1.7
 Width 1008.1.1, 1008.1.1.1

DRAFTSTOPPING

Attics 717.4
 Floor-ceiling assemblies 717.3

DRY CLEANING PLANTS 415.6.4

DRYING ROOMS 417

DUCTS AND AIR TRANSFER OPENINGS (see MECHANICAL)

DUMBWAITERS 708.14

DWELLING UNITS 202

Accessibility 1102, 1103.2.4, 1103.2.12,
 1105.1.6, 1106.2, 1107
 Accessibility, existing 3411.1, 3411.8.7,
 3411.8.8, 3411.8.9
 Area 1208.3, 1208.4
 Group R 310
 Live/work units (see LIVE/WORK UNITS)
 Separation 420.2, 420.3
 Sound transmission 1207

E

EARTHQUAKE LOADS (see SEISMIC) 1613

EAVES (see COMBUSTIBLE PROJECTIONS AND CORNICES)

EDUCATIONAL OCCUPANCY (GROUP E) 305

Accessory 508.2
 Accessory assembly spaces 303.1
 Area 503, 505, 506, 507, 508
 Corridors 1018.1, 1018.2
 Day care 305.2, 308.5, 310.1
 Education for students above the 12th grade 304
 Egress, special provisions 1008.1.10
 Fire alarm and detection 907.2.3
 Gyms 303.1

Height 503, 504, 505, 506, 508
 Interior finishes Table 803.9, 804
 Live load Table 1607.1
 Manual fire alarm boxes 907.2.3, 907.4.2
 Occupancy category Table 1604.5
 Panic hardware 1008.1.10
 Plumbing fixtures 2902
 Religious facilities 303.1
 Special occupancy
 separation 303.1, Table 508.2.5
 Sprinkler system 903.2.3
 Stages and platforms 410
 Travel distance 1014.3, 1016.1, 1021.2
 Unlimited area 507.10
EGRESS (see MEANS OF EGRESS) Chapter 10
ELECTRICAL Chapter 27
ELEVATOR Chapter 30
 Accessibility 1007.2.1, 1007.4,
 1007.8, 1109.6, 3001.3, 3411.8.2
 Car size 3001.3, 3002.4
 Construction 708.14, 1607.8.1
 Control values 3412.6.14
 Conveying systems 3005
 Emergency operations 3002.3, 3002.5,
 3003, 3007, 3008
 Fire service access 403.6.1, 3007
 Glass 2409, 3002.8
 High-rise 403.2.3, 403.4.7, 403.4.8, 403.6
 Hoistway enclosures 403.2.3, 708,
 1022.3, 3002, 3005.3.1
 Hoistway venting 3004
 Lobby 709.1, 1007.4, 3007.4, 3008.11
 Machine rooms Table 1607.1, 1607.8, 3006
 Means of egress 403.6, 1003.7,
 1007.2.1, 1007.4, 3008
 Number of elevator cars in hoistway 3002.2
 Occupant evacuation elevators 403.6.2, 3008
 Personnel and material hoists 3005.4
 Roof access 1009.14
 Seismic controls 1613.6.5
 Shaft enclosure 708.14
 Signs 914, 1007.8.2, 3002.3, 3008.11.5
 Standards 3001
 Standby power 2702.2.5, 2702.2.19
 Underground 405.4.3
EMERGENCY COMMUNICATIONS
 Accessible means of egress 1007.8
 Alarms (see FIRE ALARMS)
 Elevators, occupant evacuation 3008.5
 Fire command center 403.4.5, 911
 Radio coverage 915
EMERGENCY EGRESS OPENINGS 1029

Required Table 1021.2, 1029.1
 Window wells 1029.5
EMERGENCY LIGHTING 1006, 1205.5
EMERGENCY POWER 2702.1, 2702.3
 Exit signs 1011.5.3, 2702.2.3, 2702.2.9
 Group A 2702.2.1
 Group I-3 408.4.2, 2702.2.17
 Hazardous 414.5.4, 415.8.10, 2702.2.8,
 2702.2.10, 2702.2.11, 2702.2.13
 High-rise 403.4.8, 2702.2.15
 Means of egress illumination 1006.3, 2702.2.4
 Semiconductor fabrication 415.8.10, 2702.2.8
 Underground buildings 405.9, 2702.2.16
EMERGENCY RESPONDERS
 Additional exit stairway 403.5.2
 Elevators 403.6, 1007.2.1, 3002.4,
 3003, 3007, 3008
 Fire command center 403.4.5, 911
 Fire department access 402.17
 Radio coverage 915
 Roof access 1009.13
 Safety features 914
EMPIRICAL DESIGN OF MASONRY . . 2101.2.4, 2109
 Adobe construction 2109.3
 General 2109.1
 Special inspection 1704.5
 Surface-bonded 2109.2
EMPLOYEE
 Accessibility for work areas 907.5.2.3.2,
 1103.2.3, 1104.3.1
**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 705.7
ESCALATORS 3005
 Accessibility 3411.8.4
 Floor opening protection 708.2
 Means of egress 1003.7
**ESSENTIAL FACILITIES (see OCCUPANCY
 CATEGORY)** 1602.1
EXCAVATION, GRADING AND FILL 1804, 3304
EXISTING BUILDING Chapter 34
 Accessibility 1103.2.2, 3411
 Alteration 3404
 Flood-resistant 3403.2, 3404.2, 3405.5,
 3409.2, 3412.2.4.1, Appendix G
 Historic 3409, 3411.9
 Rodentproofing Appendix F
EXIT (see MEANS OF EGRESS) . . 1020 through 1026

Boiler rooms 1015.3
 Construction 708.2
 Enclosure 707.3.2, 1022.1
 Fire resistance 707.3, 1022
 Furnace rooms 1015.3
 Group H 415.8.4.4, 415.8.5.5
 Horizontal 707.3.3, 1025
 Incinerator rooms 1015.3
 Interior finish Table 803.9, 804
 Luminous 403.5.5, 411.7.1, 1024
 Mezzanines 505.3, 505.4, 1004.6
 Number, minimum 403.5, 1015.1, 1021
 Passageway 1023
 Ramps, exterior 1026
 Refrigerated rooms or spaces 1015.5
 Refrigeration machinery rooms 1015.4
 Signs 1011
 Stairs, exterior 1026
 Travel distance 402.4, 404.9, 407.4,
 408.6.1, 408.8.1, 411.4, 1014.3,
 1015.5, 1016, 1021.2, 1028.7
 Underground buildings 405.7

EXIT ACCESS
 (see MEANS OF EGRESS) 1014 through 1019

Aisles 1017
 Balconies 1016.2, 1019
 Common path 1014.3
 Corridors 1018
 Doors 1005.2, 1008, 1015, 1020.2
 Intervening space 1014.2
 Path of egress travel, common 1014.3
 Seating at tables 1017.3
 Single exit 1015.1.1, 1021.2
 Travel distance 402.4, 404.9, 407.4,
 408.6.1, 408.8.1, 411.4, 1014.2.2,
 1014.3, 1015.5, 1016, 1021.2, 1028.7

EXIT DISCHARGE (see MEANS OF EGRESS) . . 1027

Courts 1027.5
 Horizontal exit 1027.1
 Lobbies 1027.1
 Marquees 3106.4
 Open parking garage 1027.1
 Public way 1027.6
 Termination 1022.2
 Vestibules 1027.1

EXIT PASSAGEWAY
 (see MEANS OF EGRESS) 707.3.3, 1023

EXIT SIGNS 1011

Accessibility 1011.3
 Illumination 1011.2, 1011.4, 1011.5
 Required 1011.1
 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

Requirements 1007.7
 Signage 1007.9, 1007.10, 1007.11
 Where required 1007.2

**EXTERIOR INSULATION AND
 FINISH SYSTEMS (EIFS)** 1408

Special inspection 1704.14

EXTERIOR WALLS
 (see WALLS, EXTERIOR) Table 601, 602,
 705, Chapter 14

FACTORY OCCUPANCY (GROUP F) 306

Accessory 508.2
 Area 403.1, 503, 503.1.1,
 505, 506, 507, 508
 Dead end corridor 1018.4
 Fire alarm and detection 907.2.4
 Height 503, 504, 505, 506, 508
 Interior finishes Table 803.9, 804
 Live load Table 1607.1
 Low-hazard occupancy 306.3
 Moderate-hazard occupancy 306.2
 Plumbing fixtures 2902
 Smoke and heat vents 910.2
 Special occupancy separation Table 508.2.5
 Travel distance 1014.3, 1015.4,
 1015.5, 1016.1, 1021.2
 Unlimited area 507.2, 507.3, 507.4

FENCES 312.1

FIBERBOARD 2302.1, 2303.1.5

Shear wall 2306.6

FILL MATERIAL 1804, 3304

**FINGER-JOINTED LUMBER (see END-JOINTED
 LUMBER)**

FIRE ALARM AND SMOKE DETECTION SYSTEMS

Aerosol storage 907.2.16
 Aircraft hangars, residential 907.2.21
 Airport traffic control towers 412.3.4
 Ambulatory care facilities 422.6, 907.2.2.1
 Assembly 907.2.1
 Atriums 907.2.14
 Audible alarm 907.9.2
 Battery room 907.2.23
 Construction documents 907.1.1
 Covered mall and open mall 402.4.5.1, 402.11,
 402.12.2, 402.15, 907.2.20
 Education 907.2.3
 Emergency system 908
 Factory 907.2.4
 Group H 907.2.5, 907.2.15

INDEX

Group I 907.2.6, 907.5.2.3.3
 Group M 907.2.7
 Group R 907.2.8, 907.2.9, 907.2.10,
 907.2.11, 907.5.2.3.3, 907.5.2.3.4
 High-rise 403.4.2, 907.2.13
 Institutional occupancy 407.2.1, 407.2.3, 407.6
 Live/work 419.5, 907.2.9
 Lumber mills 907.2.17
 Occupancy requirements 907.2
 Special amusement buildings 411.3, 411.5,
 907.2.12
 Underground buildings 907.2.18, 907.2.19
 Visible alarm 907.5.2.3
FIRE ALARM BOX, MANUAL 907.4.2
FIRE AREA 901.7
 Ambulatory health care facilities 903.2.2, 907.2.2
 Assembly 903.2.1
 Education 903.2.3
 Factory 903.2.4
 Institutional 903.2.6
 Mercantile 903.2.7
 Residential 903.2.8
 Storage 903.2.9, 903.2.10
FIRE BARRIERS 707, 708
 Continuity 707.5, 708.4
 Exterior walls Table 602, 707.4, 708.6
 Fire-resistance rating of walls 603.1(21),
 603.1(22), 603.1(25),
 703, 707.3, 708.3
 Glazing, rated 715.5
 Incidental accessory occupancies 508.2.5.1
 Joints 707.8, 708.9, 714, 2508.4
 Marking 703.6
 Materials 707.2, 708.3
 Opening protection 707.6, 707.9, 708.7,
 708.10, 713.3, 715, 716.5.2
 Penetrations 707.7, 708.8
 Shaft enclosure 708.1
 Special provisions
 Aircraft hangars 412.4.4
 Atriums 404.3, 404.6
 Covered malls 402.4.6, 402.7.1, 402.7.3
 Fire pumps 913.2.1
 Flammable finishes 416.2
 Group H-2 415.6.1.2, 415.6.2.2
 Group H-3 and H-4 415.7
 Group H-5 415.8.2.2, 415.8.2.5,
 415.8.5.2, 415.8.6.3
 Group I-3 408.5, 408.7
 Hazardous materials 414.2
 High-rise 403.2.1.2, 403.3, 403.4.7.1
 Hydrogen cutoff rooms 421.4

Organic coating 418.4, 418.5, 418.6
 Stages and platforms 410.5.1, 410.5.2
FIRE COMMAND CENTER 403.4.5, 911
FIRE DAMPERS 716.2 through 716.5
FIRE DEPARTMENT
 (see **EMERGENCY RESPONDERS**)
FIRE DETECTION SYSTEM (see FIRE ALARM AND
SMOKE DETECTION SYSTEMS)
FIRE DOOR (see OPENING
PROTECTIVES) 715, 1022.3, 1022.4
FIRE ESCAPE 412.7.3
FIRE EXTINGUISHERS, PORTABLE 906, 3309
FIRE EXTINGUISHING SYSTEMS 416.5,
 417.4, 903, 904
FIRE PARTITION 709
 Continuity 709.4
 Exterior walls Table 602, 709.5
 Fire-resistance rating 603.1(21), 603.1(22),
 603.1(25), 703, 709.3
 Glazing, rated 715.5
 Joint treatment gypsum 2508.4
 Joints 709.8, 714
 Marking 703.6
 Materials 709.2
 Opening protection 709.6, 713.3, 715, 716.5.4
 Penetrations 709.7, 709.9, 713, 716
 Special provisions
 Covered mall 402.7.2
 Group I-3 408.7
 Group I-1, R-1, R-2, R-3 420.2
FIRE PROTECTION
 Explosion control 414.5.1, 415.6.1.4,
 415.8.5.4, 421.7
 Fire extinguishers, portable 906
 Glazing, rated 715.2
 Smoke and heat vents 910
 Smoke control systems 909
 Sprinkler systems, automatic 903
FIRE PROTECTION SYSTEMS Chapter 9
FIRE PUMPS Table 508.2.5, 913, 914.2
FIRE RESISTANCE
 Calculated 721
 Conditions of restraint 703.2.3
 Ducts and air transfer openings 716
 Exterior walls Table 602, 705.5, 709.5
 High-rise 403.2
 Joint systems 714
 Prescriptive 720
 Ratings Chapter 6, 703, 705.5, 707.3.9
 Roof assemblies 1505
 Structural members 704
 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 2302.1, 2303.2

Awnings 3105.3

Balconies 1406.3

Canopies 3105.3

Concealed spaces 717.5

Fastening 2304.9.5

Fire wall vertical continuity 706.6

Partitions 603.1

Platforms 410.4

Projections 705.2.3

Roof construction . . Table 601, 705.11, 706.6, 1505

Shakes and shingles 1505.6

Type I and II construction. 603.1(10), 603.1(25)

Type III construction. 602.3

Type IV construction. 602.4

Veneer 1405.5

FIRE SEPARATION DISTANCE Table 602, 702

Exterior walls 1406.2.1.1

FIRE SERVICE

ACCESS ELEVATORS. 403.6.1, 3007

FIRE SHUTTER (see OPENING PROTECTIVES) 715.4, 715.4.9, 715.4.10, 715.5

FIRE WALLS 706

Aircraft. 412.6.2

Combustible framing 706.7

Continuity 706.5, 706.6

Exterior walls Table 602, 706.5.1

Fire-resistance rating 703, 706.4

Glazing, rated. 715.5

Joints 706.10, 714

Marking 703.6

Materials 706.3

Opening protection 706.8, 706.11, 713.3, 715, 716.5.1

Penetration. 706.9, 713.3, 713.4

Special provisions

Aircraft hangars 412.4.6.2

Covered malls 402.7.3

Group H-5. 415.8.2.6

Private garages and carports 406.1.2

Structural stability. 706.2

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 307.2, 307.3, 307.5

FLAMESPREAD 802, 803.1.1, Table 803.9

FLAMMABLE FINISHES 307.1, 416

FLAMMABLE LIQUIDS 307.4, 307.5, 406, 412, 414, 415

FLAMMABLE SOLIDS 307.5, 415

FLASHING

Roof 1503.2, 1503.6, 1507.2.9, 1507.3.9, 1507.5.7, 1507.7.7, 1507.8.8, 1507.9.9, 1510.6

Wall, veneer 1405.4, 1405.12.7

FLOOD-RESISTANT CONSTRUCTION

Accessibility 1107.7.5

Administration G101 through G105

Existing 3403.2, 3404.2, 3405.5, 3409.2, 3412.2.4.1

Flood elevation 1612

Flood loads 1603.1, 1603.1.7, 1612, 3001.2, 3102.7

Flood resistance 1403.5, 1403.6

Flood-resistant construction. Appendix G

Grading and fill 1804.4, 1805.1.2.1

Historic buildings G105.3

Interior finishes 801.1.3

Manufactured homes G501

Recreation vehicles G601

Site improvements G401

Subdivisions G301

Tanks G701

Temporary G901

Utility. G1001

Ventilation, under floor 1203.3.2

FLOOR/CEILING (see FLOOR CONSTRUCTION)

FLOOR CONSTRUCTION (see FLOOR CONSTRUCTION, WOOD)

Draftstopping 717.3

Finishes 804, 805, 1003.4, 1210.1

Fire resistance. Table 601, 712

Loads (see FLOOR LOADS)

Materials Chapter 6

Penetration of fire-resistant assemblies 712, 713.4, 716.2, 716.6

FLOOR CONSTRUCTION, WOOD

- Beams and girders 2304.11.2.1, 2308.7
- Bridging/blocking 2308.8.5, 2308.10.6
- Diaphragms 2305.1
- Fastening schedule 2304.9.1
- Framing Table 602.4, 602.4.2, 602.4.4, 2304.4
- Joists 2308.8
- Sheathing 2304.7

FLOOR LEVEL 1003.5, 1008.1.5

FLOOR LOADS

- Live 1603.1.1, 1607

FLOOR OPENING PROTECTION (see VERTICAL OPENING PROTECTION)

FOAM PLASTICS

- Attics 719.1, 2603.4.1.6
- Cold storage 2603.3, 2603.4.1.2, 2603.5
- Concealed 603
- Covered mall and open mall buildings 402.16.5
- Crawl space 2603.4.1.6
- Doors 2603.4.1.7 through 2603.4.1.9
- Exterior walls of multistory buildings 2603.5
- Interior finish 801.2.2, 2603.9, 2604
- Label/identification 2603.2
- Metal composite materials (MCM) 1407.1.1, 1407.13
- 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 2603.5.2
- Trim 806.3, 2604.2
- Type I and II construction 603.1(1), 603.1(2)
- Walk-in coolers 2603.4.1.3

FOLDING AND TELESCOPIC SEATING 1028.1.1
3401.1

- Accessibility 1108.2
- Egress 1028.1.1
- Live load Table 1607.1
- Occupant load 1004.7

FOOD COURT 402.2

- Occupant load 402.4.1.4

FOOTBOARDS 1028.14.2

FORMWORK, CONCRETE 1906

FOUNDATION

(see FOUNDATION, DEEP and FOUNDATION, SHALLOW) Chapter 18

- Basement 1610, 1805.1.1, 1806.3, 1807
- Concrete 1808.8, 1809.8, 1810.3.2.1
- Damproofing 1805.2
- Encroachment, public right-of-way 3202.1
- Formwork 1906, 3304.1

- Geotechnical investigation (see SOILS AND FOUNDATIONS) 1803
- Load-bearing value 1806, 1808, 1810
- Masonry 1808.9
- Pedestrian protection 3306.9
- Pier (see FOUNDATION, SHALLOW)
- Pile (see FOUNDATION, DEEP)
- Plates or sills 2308.6
- Protection from adjacent construction 3303.3.5, 3307.1
- Rodentproofing Appendix F
- Special inspections 1704.4, 1708.4.8
1704.9, 1704.10, 1704.11
- Steel 1809.11, 1810.3.2.2, 1018.3.2.3
- Timber 1809.12, 1810.3.2.4
- Waterproofing 1805.3

FOUNDATION, DEEP 1802.1, 1810

- Drilled shaft 1802.1
- Existing 1810.10.1.2
- Geotechnical investigation 1803.5.5
- Grade beams 1810.3.12
- Helical pile 1802.1, 1810.3.1.5
Table 1810.3.2.6, 1810.3.3.1.9
1810.3.5.3.3, 1810.4.11, 1810.4.12
- Micropile 1802.1, Table 1808.8.1,
Table 1810.3.2.6, 1810.3.5.2.3,
1810.3.10, 1810.4.10
- Piles Table 1808.8.1, 1809.12,
1810, 1810.3.1.4

FOUNDATION, SHALLOW 1802.1, 1809

- Piers and curtain wall 1809.10
- Slab-on-grade 1808.6.2
- Strip footing 1808.8, 1809

FOYERS

- Assembly occupancy 1028.4, 1028.9.5
- Corridors 1018.6
- Covered mall and open mall 402.1

FRATERNITIES 310

FROST PROTECTION 1809.5

FURNACE ROOMS 1015.3

G

GALLERIES

- Means of egress 410.3.2, 1028.5
- Sprinklers 410.6

GARAGE, AUTOMOBILE PARKING (see PARKING GARAGES)

GARAGE, REPAIR 406.6

- Floor surface 406.6.4
- Gas detection system 406.6.6, 908.5
- Sprinklers 903.2.9.1
- Ventilation 406.6.3

GARAGES, TRUCK AND BUS

- Live load 1607.6, 1607.7.3
- Sprinklers 903.2.10.1

GARAGES AND CARPORTS, PRIVATE 406.1

- Area limitations 406.1.2
- Separation 406.1.4

GAS

- Accessibility 1109.13, 3411.8.13
- Gas detection system 406.6.6, 415.8.7, 421.6, 908
- Hydrogen cutoff room 421.6
- Motor fuel-dispensing 406.5

GATES 1008.2

- Vehicular 3110

GIFT SHOPS 407.2.4

GIRDERS

- Fire resistance Table 601
- Materials Chapter 6
- Wood construction 2304.11.2.1, 2308.7

GLASS (see GLAZING)

GLASS BLOCK (see GLASS UNIT MASONRY)

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
- Material requirements 2103.6

GLAZING

- Athletic facilities 2408
- Doors 705.8, 710.5, 711.5, 715.4.3.2, 1405.13, 1715.5
- Elevator hoistway and car 2409
- Fire doors 715.4.4, 715.4.7
- Fire-resistant walls 715.4.3.2
- Fire windows 703.5, 715.5
- Group I-3 408.7
- Guards 1013.1.1, 2406.4, 2407
- Handrail 1009.12, 2407
- Identification 2403.1, 2406.3
- Impact loads 2406.1, 2407.1.4.2, 2408.2.1, 2408.3
- Impact resistant 1609.1.2
- Jalousies 2403.5
- Label/identification 715.4.6.1, 715.4.7.3, 715.5.9
- Loads 2404
- Louvered windows 2403.5
- Opening protection 715.2
- Replacement 2401.2, 3407
- Safety 715.4.7.4, 2406
- Security 408.7
- Skylights 2405

- Sloped 2404.2, 2405
- Supports 2403.2
- Swimming pools 2406.4
- Testing 1715.5, 2406.1.1, 2408.2.1
- Veneer 1405.12
- Vertical 2404.1
- Wired 715.5.4

GRADE, LUMBER (see LUMBER) 2302.1

GRADE PLANE 502

GRAIN ELEVATORS 415.6.1.5

GRANDSTANDS 303.1, 1028.1.1, 3401.1

- Accessibility 1108.2
- Exit sign exemptions 1011.1
- Live load Table 1607.1
- Occupant load 1004.7

GREENHOUSES 312.1

- Area 503, 505, 506, 507, 508
- Deflections Table 1604.3
- Live load 1607.11.2.1
- Membrane structure 3102.1
- Plastic 2606.11
- Sloped glazing 2405
- Wind load 1609.1.2

GRIDIRON 410.2

- Means of egress 410.3.2
- Sprinklers 410.6

GRINDING ROOMS 415.6.1.2

GROSS LEASABLE AREA (see COVERED MALL AND OPEN MALL BUILDINGS) 402.2, 402.4.1.1

GROUT 713.3.1, 713.4.1.1, 2103.12

GUARDS 1013

- Assembly seating 1028.1.1, 1028.14
- Equipment platform 505.5.3
- Exceptions 1013.1
- Glazing 1013.1.1, 1303.1, 2406.4, 2407
- Height 1013.2
- Loads 1607.7
- Mechanical equipment 1013.5
- Opening limitations 1013.3
- Parking garage 406.2.4
- Ramps 1010.10
- Residential 1013.2
- Roof access 1013.6
- Screen porches 1013.4
- Stairs 1013.1
- Vehicle barrier 1607.7.3

GUTTERS 1503.4.3

GYMNASIUMS 303.1

- Group E 303.1(4)
- Live load Table 1607.1

Occupant load 1004.1

GYPSUM Chapter 25

Aggregate, exposed 2513

Board Chapter 25

Ceiling diaphragms 2508.5

Concrete, reinforced 1914

Construction 2508

Draftstopping 717.3.1

Exterior soffit Table 2506.2

Fastening Table 2306.7, 2508.1

Fire resistance 718, 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, exterior 2512

Plaster, interior 2511

Shear wall construction 2306.7, 2308.9.3, 2505

Sheathing Table 2304.6

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 1012

Alternating tread devices 1009.10.1

Assembly aisles 1028.13

Construction 1012.4, 1012.5, 1012.6

Extensions 1012.6

Glazing 2407

Graspability 1012.3

Guards 1013.2

Height 1012.2

Loads 1607.7

Location 1012.1, 1012.7, 1012.8, 1012.9

Ramps 1010.8

Stairs 1009.12

HARDBOARD 1404.3.2, 2302.1, 2303.1.6

HARDWARE (see DOORS and LOCKS AND LATCHES)

HARDWOOD

Fastening 2304.9

Quality 2303.1.8.1, 2303.3

Veneer 1404.3.2

HAZARDOUS MATERIALS 307, 414, 415

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, 415.8.11, 903.2.7.1

Ventilation 414.3, 414.5.4, 415.6.1.4, 415.6.2.8, 415.8.2.6, 415.8.2.8.2, 415.8.4.3, 415.8.5.7, 415.8.6.3, 415.8.7, 415.8.9.3, 415.8.10, 1203.5

Weather protection 414.6.1

HEAD JOINT, MASONRY 2102.1

HEADROOM 406.2.2, 505.1, 1003.2, 1003.3, 1008.1.1, 1008.1.1.1, 1009.2, 1010.5.2, 1208.2

HEALTH CARE (see INSTITUTIONAL I-1 AND INSTITUTIONAL I-2)

Ambulatory health care facilities 422

Clinics, outpatient 304

Hospitals 308.3

HEALTH-HAZARD MATERIALS 307.2, Table 414.2.5(1), 415.2, 415.4, Table 415.8.2.1.1, 415.8.6.2

HEAT VENTS 910

HEATING (see MECHANICAL)

Aircraft hangars 412.4.4

Fire pump rooms 913.3

Fireplace 2111

Masonry heaters 2112

Parking garages 406.2.8

Repair garages 406.6.5

HEIGHT, BUILDING 503, 504, 505, 506, 508, 509

Limitations 503

Mixed construction types 509

Modifications 504

Roof structures 504.3

HIGH-PILED COMBUSTIBLE STORAGE 413, 907.2.15, 910.2.2

HIGH-HAZARD OCCUPANCY (GROUP H) 307, 414, 415

Accessory 508.2

Area 503, 505, 506, 507, 508

Classification 307

Combustible liquids 307.4, 307.5, 414.2.5, 414.5.4, 415.6.2

Control areas 414.2

Conveyors 415.6.1.3

Corrosives 307.6, Table 414.2.5(1), 414.3, 415.7.3, Table 415.8.2.1.1

Cryogenic Table 307.1, Table 414.5.1, Table 415.8.2.1.1

Dispensing 414.1, 414.5, 414.6, 414.7.2, 415.3

Dry cleaning (see DRY CLEANING PLANTS)

Emergency alarm systems 414.7, 415.8.3, 415.8.4.6, 415.8.5.8, 908.1, 908.2
 Exceptions 307.1
 Exempt 307.1
 Explosives 307.3, 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 and detection 414.7.2, 415.8.8, 901.6.3, 907.2.5
 Flammable liquids 307.4, 307.5, 415.6.2
 Flammable solids 307.5, 415.1
 Grinding rooms 415.6.1.2
 Group H-1 307.3, 403.1, 415.3.1, 415.3.2, 415.4
 Group H-2 307.4, 403.1, 412.6.1, 415.3, 415.5, 415.6
 Group H-3 307.5, 403.1, 415.3, 415.5, 415.6.2, 415.7
 Group H-4 307.6, 415.4, 415.7
 Group H-5 307.7, 415.8
 Health-hazard materials 307.2, Table 414.2.5(1), 415.2, 415.4, Table 415.8.2.1.1, 415.8.6.2, 415.8.7.2
 Height 415.4, 415.5, 415.6.1.1, 415.6.1.6, 415.6.2.1.1, 503, 504, 505, 506, 508
 Interior finishes 416.2.1, 416.3.1, Table 803.9, 804
 Irritants Table 414.2.5(1), Table 415.8.2.1.1
 Liquid, highly toxic and toxic 307.6, Table 414.2.5(1), 415.7.3, 415.7.4, Table 415.8.2.1.1, 908.3
 Live load Table 1607.1
 Location on property 414.6.1.2, 415.3
 Multiple hazards 307.8
 Organic peroxides Table 414.5.1, Table 415.3.2, 415.4.1, 415.5.1, Table 415.8.2.1.1, 418
 Oxidizers, liquid and solid Table 414.2.5(1), Table 414.5.1, 415.5.1, Table 415.3.2, Table 415.8.2.1.1
 Pyrophoric materials 307.4, Table 307.1(1), Table 414.5.1, 415.4.1, Table 415.3.2, 415.5.1, Table 415.8.2.1.1
 Sensitizers Table 415.8.2.1.1
 Separation from other occupancies 415.3.1, 508.2.4, Table 508.2.5, 508.3.3, 508.4
 Solids, highly toxic and toxic 307.6, Table 414.2.5(1), 415.7.3, 415.7.4, Table 415.8.2.1.1, 908.3
 Smoke and heat vents 910.2
 Sprinklers 415.5.2, 415.6.2.4, 415.8.6.3, 415.8.9, 415.8.10.1, 415.8.11, 705.8.1, 903.2.5
 Standby power systems 414.5.4, 2702.2.8, 2702.2.10 through 2702.2.13
 Storage 413, 414.1, 414.2.5, 414.5, 414.6, 414.7.1, 415.2, 415.3, Table 415.3.2, 415.4.1, 415.5, 415.6.1, 415.6.2
 Tanks 415.6.2
 Travel distance 1014.3, 1016.1, 1021.2
 Unlimited area 507.8
 Unstable materials 307.3, Table 414.2.5(1), Table 414.5.1, Table 415.3.2, 415.4.1, 415.5.1, Table 415.8.2.1.1
 Water-reactive materials Table 414.5.1, Table 415.3.2, 415.5, 415.5.1, 415.5.2, 415.8, Table 415.8.2.1.1

HIGH-RISE BUILDINGS 403
 Application 403.1
 Construction 403.2
 Elevators 403.6, 1007.2.1, 3007, 3008
 Emergency power 403.4.8, 2702.2.15
 Emergency systems 403.4
 Fire alarm 403.4.2
 Fire alarm and detection 403.4.1, 907.2.13
 Fire command station 403.4.5
 Fire department communication 403.4.3
 Fire service elevators 403.6.1, 3007
 Occupant evacuation elevators 403.6.2, 3008
 Smoke removal 403.4.6
 Smokeproof enclosure 403.5.4, 1022.9
 Sprayed fire-resistant materials (SFRM) 403.2.4
 Sprinklers 403.3, 903.2.11.3
 Stairways 403.5
 Standby power 403.4.7, 2702.2.5, 2702.2.15
 Structural integrity 403.2.3, 1614
 Super high-rise (over 420 feet) 403.2.1, 403.2.3, 403.2.4, 403.3.1, 403.5.2
 Voice alarm 403.4.3, 907.2.13
 Zones 907.6.3.2

HISTORIC BUILDINGS 3409
 Accessible 3411.9
 Flood provisions G105.3

HORIZONTAL ASSEMBLY 712
 Continuity 508.2.5.1, 712.4, 708.11, 708.12
 Fire-resistance rating 603.1(21), 603.1(22), 603.1(25), 703, 707.3.9, 712.3

INDEX

Glazing, rated 715.5
 Group I-1 420.3
 Group R 420.3
 Incidental accessory occupancies 508.2.5.1
 Insulation 719, 807, 808
 Joints 714, 2508.4
 Opening protection 712.8, 713.4, 715, 716.6
 Shaft enclosure 708.1
 Special provisions
 Aircraft hangars 412.4.4
 Atrium 404.3, 404.6
 Covered mall 402.4.6, 402.7.1
 Fire pumps 913.2.1
 Flammable finishes 416.2
 Group H-2 415.6.1.2, 415.6.2.2
 Group H-3 and H-4 415.7
 Group H-5 415.8.2.2, 415.8.5.2
 Group I-2 407.4.3
 Groups I-1, R-1, R-2, R-3 420.3
 Hazardous materials 414.2
 High-rise 403.2.1, 403.3, 403.4.7.1
 Hydrogen cutoff 421.4
 Organic coating 418.4, 418.5, 418.6
 Stages and platforms 410.5.1, 410.5.2
HORIZONTAL EXIT 1025
 Accessible means of egress 1007.2, 1007.2.1,
 1007.3, 1007.4, 1007.6, 1007.6.2
 Doors 1025.3
 Exit discharge 1027.1
 Fire resistance 1025.2
 Institutional I-2 occupancy 407.4, 1025.1
 Institutional I-3 occupancy 408.2, 1025.1
 Refuge area (see REFUGE AREAS)
**HORIZONTAL FIRE SEPARATION (see
 HORIZONTAL ASSEMBLY)**
**HOSE CONNECTIONS
 (see STANDPIPES, REQUIRED)**
**HOSPITAL
 (see INSTITUTIONAL GROUP I-2)** 308.3, 407
**HURRICANE-PRONE REGIONS
 (see WIND LOADS)** 1609.2
HURRICANE SHELTER (see STORM SHELTER)
HURRICANE SHUTTERS 1609.1.2
HYDROGEN CUTOFF ROOMS 421, Table 508.2.5

I

IDENTIFICATION, REQUIREMENTS FOR
 Fire barriers 703.6
 Fire partitions 703.6
 Fire wall 703.6
 Glazing 2403.1, 2406.3

Inspection certificate 1702.1
 Labeling 1703.5
 Preservative-treated wood 2303.1.8.1
 Smoke barrier 703.6
 Smoke partition 703.6
 Steel 2203.1
IMPACT LOAD 1602.1, 1603.1.1, 1607.8
**INCIDENTAL USE AREAS
 (see ACCESSORY OCCUPANCIES)**
INCINERATOR ROOMS 1015.3
INDUSTRIAL (see FACTORY OCCUPANCY)
INSPECTIONS 1704, 1705, 1706, 1707
 Alternative methods and materials 1704.15
 Atrium buildings 909.3
 Concrete construction 1704.4
 Continuous 1702.1
 EIFS 1704.14
 Fabricators 1704.2
 Fire-resistant materials 1704.12, 1704.13
 Footing or foundation 1704.4, 1704.5, 1704.8,
 1704.9, 1704.10, 1704.11
 Lath or gypsum board 2503
 Masonry 1704.5, 1704.11
 Periodic 1702.1
 Seismic 1707
 Smoke control 1704.16
 Soils 110.3.9, 1704.7
 Special (see STRUCTURAL TESTS AND
 SPECIAL INSPECTIONS) 1704, 1706, 1707
 Sprayed fire-resistant materials 1704.12
 Sprinklers, automatic 904.4
 Steel 1704.3
 Welding 1704.3, 2204.1
 Wind 1706
 Wood, structural 1704.6
**INSTITUTIONAL I-1 [see INSTITUTIONAL
 OCCUPANCY (GROUP I)]** 308.2
 Accessibility 1106.7.2, 1107.5.1
 Combustible decorations 806.1
 Emergency escape and rescue 1029
 Fire alarm and detection 907.2.6.1,
 907.2.11.2, 907.5.2.3.2
 Special occupancy separation 420, 508.2.4,
 Table 508.2.5, 508.3.3
 Sprinklers 903.2.6, 903.3.2
 Travel distance 1014.3, 1016.1, 1021.2
 Visible alarms 907.5.2.3.3
**INSTITUTIONAL I-2 [see INSTITUTIONAL
 OCCUPANCY (GROUP I)]** 308.3, 407
 Accessibility 1106.4, 1106.7.2,
 1107.5.2, 1107.5.3,
 1107.5.4, E106.4.6
 Combustible decorations 806.1

Corridors 407.2, 407.3, 1018.2
 Exterior exit stair 1026.2
 Fire alarm and detection . . . 407.6, 407.7, 907.2.6.2
 Hyperbaric facilities 407.9
 Occupancy category Table 1604.5
 Smoke barriers. 407.4
 Smoke compartment 407.2.1, 407.2.3,
 407.4, 407.5
 Smoke partitions 407.3
 Special occupancy separation Table 508.2.5
 Sprinklers 407.5, 903.2.6, 903.3.2
 Suites 1014.2.2 through 1014.2.7
 Travel distance 407.4, 1014.2.3.3,
 1014.2.4.3, 1014.2.4.4,
 1014.2.6, 1014.3, 1016.1, 1021.2
 Yards 407.8

INSTITUTIONAL I-3 [see INSTITUTIONAL OCCUPANCY (GROUP I)] 308.4, 408
 Accessibility 1103.2.14, 1107.5.5,
 1108.4.2, 3411.8.7, E104.3,
 E104.4, E106.4.8
 Combustible decorations 806.1
 Exit sign exemption 1011.1
 Fire alarm and detection 408.10, 907.2.6.3
 Hardware 408.4, 1008.1.9.9
 Means of egress 408.2, 408.3, 408.4
 Occupancy category Table 1604.5
 Security glazing 408.7
 Separation. 408.5, 408.8
 Smoke barrier 408.6
 Smoke compartment 408.4.1, 408.6, 408.9
 Special occupancy separation Table 508.2.5
 Sprinklers 903.2.6
 Travel distance 408.6.1, 408.8.1,
 1014.3, 1016.1, 1021.2

INSTITUTIONAL I-4 [see INSTITUTIONAL OCCUPANCY (GROUP I)] 308.3.1, 308.5
 Accessibility 1103.2.12
 Corridor rating 1018.1
 Fire alarm 907.2.6
 Sprinklers 903.2.6
 Travel distance 1014.3, 1016.1, 1021.2

INSTITUTIONAL OCCUPANCY (GROUP I) 308
 Accessory 508.2
 Adult care 308.5.1
 Area 503, 505, 506, 507, 508
 Child care. 308.3.1, 308.5.2, 310.1
 Group I-1 308.2
 Group I-2 308.3, 407
 Group I-3 308.4, 408
 Group I-4 day care facilities . . 308.3.1, 308.5, 310.1
 Height 503, 504, 505, 506, 508

Interior finishes Table 803.9, 804
 Live load Table 1607.1
 Plumbing fixtures 2902
 Special occupancy separation 420, 508.2.4,
 Table 508.2.5, 508.3.3

INSULATION

Concealed 719.2
 Duct insulation 719.1
 Exposed 719.3
 Fiberboard. 719.1, 1508.1.1,
 2303.1.5.2, 2303.1.5.3
 Foam plastic (see FOAM PLASTICS) 719.1
 Loose fill 719.4, 719.6
 Pipe insulation. 719.1, 719.7
 Reflective plastic core 2613
 Roof 719.5, 1508
 Sound 719, 807, 1207
 Thermal. 719, 807, 1508

INTERIOR ENVIRONMENT

Lighting 1205
 Rodentproofing Appendix F
 Sound transmission 1207
 Space dimensions. 1208
 Temperature control 1204
 Ventilation 409.3, 414.3, 415.8.2.6, 1203.4
 Yards or courts 1206.2, 1206.3

INTERIOR FINISHES Chapter 8

Acoustical ceiling systems 807, 808
 Application 803.10, 804.4
 Atriums. 404.8
 Decorative materials 801.1.2, 806
 Floor finish 804, 805
 Foam plastic insulation 2603.3, 2603.4
 Foam plastic trim. 806.3, 2604.2
 Insulation. 807
 Light-transmitting plastics 2606
 Signs 402.16, 2611
 Trim 806.5, 806.6
 Wall and ceiling finishes 803
 Wet location 1210, 2903

J

JAILS (see INSTITUTIONAL I-3) 308.3, 408

JOINT

Concrete construction joints 1906.4
 Gypsum board 2508.4
 Lumber sheathing 2308.10.8.1
 Shotcrete 1913.7
 Structural plain concrete 1909.3
 Waterproofing 1805.3.3

JOINTS, FIRE-RESISTANT SYSTEMS 714

K

KIOSKS	402.11
KITCHENS	Table 508.4(d)
Accessibility	1109.4
Dimensions	1208
Means of egress	1014.2
Occupant load	Table 1004.1.1
Rooms openings	1210.5

L**LABORATORIES**

Classification of	304.1
Hazardous materials	414, 415
Incidental accessory occupancies ...	Table 508.2.5

LADDERS

Boiler, incinerator and furnace rooms	1015.3
Construction	1009.4.2, 1012.2, 1012.6, 1013.2, 1013.3
Emergency escape window wells	1029.5.2
Group I-3	408.3.5, 1009.11
Heliport	412.7.3, 1021.1.3
Refrigeration machinery room	1015.4

LAMINATED TIMBER,

STRUCTURAL GLUED	602.4, 2303.1, 2304.11.3, 2306.1, 2308.8.2.1, 2308.10.7
-------------------------------	---

LANDINGS

Doors	1008.1.6
Ramp	1010.6
Stair	1009.5

LATH, METAL OR WIRE

Table 2507.2

LAUNDRIES

304.1, 306.2, Table 508.2.5

LAUNDRY CHUTE

708.13, 903.2.11.2

LIBRARIES

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

LIGHT, REQUIRED

Artificial	1205.3
Emergency (see EMERGENCY LIGHTING)	
Natural	1205.2
Stairways	1205.4
Yards and courts	1206

LIGHTS, PLASTIC CEILING DIFFUSERS

2606.7

LINTEL

Adobe	2109.3.4.7
Fire resistance	704.11
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

LIVE/WORK UNITS

310.1, 419

Separation

508.1

LOAD AND RESISTANCE**FACTOR DESIGN (LRFD)**

1602.1

Load combinations

1605.2

Wood design

2301.2, 2307

LOAD COMBINATIONS

1605

Allowable stress design

1605.3

Load and resistance factor design

1605.2

Strength design

1605.2

LOADS

1602.1

Combinations

1605

Dead

1602.1, 1606

Flood

1603.1.7, 1612

Impact

1602.1, 1607.8

Live

419.6, 1603.1.1, 1607

Rain

1611

Seismic

1603.1.5, 1613

Snow

1603.1.3, 1608

Soil lateral

1610

Wind

1603.1.4, 1609

LOBBIES

Assembly occupancy

1028.4

Elevator

1007.2.1,
1007.4, 3007.4, 3008.11

Exit discharge

1027.1

LOCKS AND LATCHES

1008.1.9, 1008.1.10

Access-controlled egress

1008.1.4.4

Delayed egress locks

1008.1.9.7

Electromagnetically locked

1008.1.9.8

Group I-3

408.4, 1008.1.9.9

Group R-4

1008.1.9.5.1

High-rise

403.5.3

LUMBER

General provisions

Chapter 23

Quality standards

2303

M**MAINTENANCE**

Accessibility

3411.2

Means of egress

3310.2

MALL (see COVERED MALL AND OPEN MALL BUILDINGS)**MANUAL FIRE ALARM BOX**

907.4.2

MANUFACTURED HOMES

Flood-resistant

G501

MARQUEES

3106, H113

Drainage, water

3201.4

Live load

Table 1607.1, 1607.11

MASONRY

Adhered veneer	1405.10
Adobe	2109.3
Anchorage	1604.8.2
Anchored veneer	1405.6
Ashlar stone	2102.1
Autoclaved aerated concrete (AAC)	2102.1, 2103.3
Calculated fire resistance	721.4
Chimneys	2113
Cold weather construction	2104.3
Construction	2104, 2109.2.2
Construction documents	2101.3
Corbelled	2104.2
Dampproofing	1805.2.2
Design, methods	2101.2, 2107 through 2109
Fire resistance, calculated	721.3.2, 721.3.4
Fireplaces	2101.3.1, 2111
Floor anchorage	1604.8.2
Foundation walls	1807.1.5
Foundations, adobe	2109.3.4.3
Glass unit	2101.2.5, 2103.6, 2110
Grouted	2102.1
Headers (see BONDING, MASONRY)	2109.2
Heaters	2112
Hot weather construction	2104.4
Inspection, special	1704.5
Joint reinforcement	2103.13
Materials	2103
Penetrations	713
Quality assurance	2105
Rodentproofing	Appendix F
Roof anchorage	1604.8.1
Rubble stone	2102.1
Seismic provisions	2106
Serviceability	1604.3.4
Stone	2103.4, 2109.2
Support	2304.12
Surface bonding	2103.9
Test procedures	2105.2.2.2, 2105.3
Tie, wall	2104.1.3
Veneer	1405.6, 1405.10, 2101.2.6, 2308.11.2
Wall, composite	2102.1
Wall, hollow	2102.1
Wall anchorage	1604.8.2
Waterproofing	1805.3.2
Wythe	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)	1716
Wood	Chapter 23

MEANS OF EGRESS Chapter 10

Accessible	1007, 2702.2.5, 2702.2.6, 3411.6, 3411.8.10
Aircraft-related	412.3.3, 412.5.2
Alternating tread device	412.7.3, 505.5, 1009.10, 1015.3, 1015.4
Ambulatory care facilities	422.4
Assembly	1007.1, 1028
Atrium	404.9, 707.3.5
Capacity	1005.1
Child care facilities (see Day care facilities)	
Ceiling height	1003.2
Construction drawings	107.2.3
Covered mall and open mall buildings	402.4, 402.5, 402.13
Day care facilities	308.5, 310.1, Table 1004.1.1, Table 1015.1(a), Table 1021.2(e)
Doors	1005.2, 1008, 1015, 1020.2, 2702.2.7
During construction	3303.3, 3310
Elevation change	1003.5
Elevators	403.5.2, 403.6.2, 1003.7, 1007, 3008
Emergency escape and rescue	1029
Equipment platform	505.5
Escalators	1003.7
Existing buildings	1007.1, 3310, 3404.6, 3406.1, 3411.6, 3412.5, 3412.6.11
Exit (see EXIT)	1020 through 1026
Exit access (see EXIT ACCESS)	1014 through 1019
Exit discharge (see EXIT DISCHARGE)	1027
Exit enclosures	1022.1
Exit signs	1011, 2702.2.3, 2702.2.9
Floor surface	804, 1003.4
Gates	1008.2
Group I-2	407.4
Group I-3	408.2, 408.3, 408.4, 408.6
Guards	1013
Handrails	1012
Hazardous materials	414.6.1.2, 415.8.4.4, 415.8.5.5
Headroom	1003.2, 1003.3
Helistops	412.7.3, 1021.1.3
High-hazard Group H	415.8.4.4, 415.8.5.5
High-rise	403.5, 403.6
Illumination	1006, 2702.2.4, 3412.6.15

Interior finish 803.9, 804
 Ladders (see LADDERS)
 Live loads Table 1607.1
 Live/work units 419.3
 Mezzanines 505.3, 505.4, 1004.6, 1007.1
 Moving walk 1003.7
 Occupant load 1004.1, 1004.1.1, 1004.2
 Parking 406.3.8
 Protruding objects 1003.3, 1005.2
 Ramps 1010, 1026
 Scoping 1001.1
 Seating, fixed 1007.1, 1028
 Special amusement 411.7
 Stages 410.3.3
 Stairways 403.5, 1009, 1022.1, 1026
 Temporary structures 3103.4
 Travel distance
 (see TRAVEL DISTANCE) 1014.3, 1016
 Turnstile 1008.3
 Underground buildings 405.5.1, 405.7
 Width 1005.1, Table 1005.1, 1009.1,
 1010.5.1, 1018.2, 1028.6, 1028.8

MECHANICAL (see AIR CONDITIONING, HEATING, REFRIGERATION AND VENTILATION)
 Access 1009.13, 1009.14, 1209.3
 Air transfer openings 705.10, 706.11,
 707.9, 708.2(7), 708.10, 709.9,
 710.8, 711.7, 712.7, 713.1.1, 713.4.1.3, 716
 Chimneys (see CHIMNEYS)
 Code Chapter 28
 Disconnected 3303.6
 Ducts 704.8, 705.10, 706.11,
 707.9, 708.2(4), 708.2(15),
 708.10, 709.9, 710.8, 711.7,
 712.7, 713.1.1, 713.4.1.3, 716
 Encroachment, public right-of-way 3202.3.2
 Equipment on roof 1509, 1510.2
 Equipment platforms 505.5
 Factory-built fireplace 2111.14.1
 Fireplaces 2111
 Motion picture projection room 409.3
 Roof access 1009.13
 Room separation Table 508.2.5
 Seismic inspection and testing 1707.7,
 1707.8, 1708.4
 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)

Accessory 508.2
 Aisles 1017.2, 1017.3
 Area 503, 505, 506, 507, 508
 Classification 309
 Fire alarm and detection 907.2.7
 Height 503, 504, 505, 506, 508, 509
 Interior finishes Table 803.9, 804
 Live load Table 1607.1
 Parking beneath or above 509.2, 509.7,
 509.8, 509.9
 Plumbing fixtures 2902
 Special occupancy
 separation 309.1, Table 508.2.5
 Sprinkler system, automatic 903.2.7
 Travel distance 402.4, 1014.3, 1016.1, 1021.2
 Unlimited area 507.3, 507.4, 507.12

METAL

Aluminum Chapter 20
 Roof coverings 1504.3.2, 1507.5
 Steel Chapter 22
 Veneer 1404.5

MEZZANINES

Accessibility 1104.4, 1108.2.4, 1108.2.9
 Area limitations 505.2, 505.5.1
 Egress 505.3, 505.4, 1004.6, 1007.1
 Equipment platforms 505.5
 Guards 505.5.3, 1013.1
 Height 505.1, 1003.2
 Occupant load 1004.6
 Stairs 708.2(9), 1009.10, 1022.1

MIRRORS 1008.1, 2406.1, 2406.4.1(7)

MIXED OCCUPANCY

(see OCCUPANCY SEPARATION)

MOISTURE PROTECTION 1210, 1403.2,
 1503, 2303.2.4, 2304.11

MONASTERIES 310.1

MORTAR 2102.1
 Ceramic tile 2103.5
 Dampproofing 1805.2.2
 Fire resistance 713.3.1, 713.4.1.1
 Glass unit masonry 2110.1.1
 Masonry 2103.8, 2103.9
 Rodentproofing Appendix F

MOTELS 310.1

MOTION PICTURE PROJECTION ROOMS

Construction 409.2
 Exhaust air 409.3.2, 409.3.3
 Lighting control 409.4
 Projection room 409.3
 Supply air 409.3.1
 Ventilation 409.3

MOTOR FUEL-DISPENSING SYSTEM 406.5
 Accessibility 1109.13, 3411.8.13
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
 (see **INSTITUTIONAL, GROUP I-2**) 308.3, 407

O

OCCUPANCY
 Accessory 508.2
 Atriums 404.2
 Certificates (see **CERTIFICATE OF OCCUPANCY**)
 Change (see **CHANGE OF OCCUPANCY**)
 Floor loads Table 1607.1
 Special Chapter 4
OCCUPANCY CATEGORY
 (Seismic Design) 1602.1, 1604.5
 Multiple occupancies 1604.5.1
OCCUPANCY CLASSIFICATION 302
 Covered mall and open mall buildings 402
 HPM 415.8
 Mixed 508.3
 Mixed occupancy values 508, 3412.6.16
 Special Chapter 4
OCCUPANCY SEPARATION
 Accessory 508.2
 Aircraft-related 412.4.4, 412.5.1
 Covered mall and open mall building 402.7
 Incidental accessory occupancies 508.2.5, 707.3.6
 Mixed occupancy 508, 509, 707.3.8
 Parking garages 406.1.4, 406.2.7, Table 508.3.3(c)
 Repair garages 406.6.2
 Required fire resistance Table 508.4, 509
 Stages 410.5.1, 410.5.2
OCCUPANT EVACUATION ELEVATORS 403.5.2, 403.6.2, 3008
OCCUPANT LOAD
 Actual 1004.1.1
 Covered mall and open mall building 402.4.1
 Determination of 1004.1, 1004.1.1
 Increased 1004.2
 Outdoors 1004.8
 Seating, fixed 1004.7
 Signs 1004.3

OFFICE BUILDINGS
 Classification 304
 Live loads Table 1607.1, 1607.5
OPEN MALL BUILDINGS (see COVERED MALL AND OPEN MALL BUILDINGS)
OPENING PROTECTION, EXTERIOR WALLS . . 705.8
OPENING PROTECTION, FLOORS
 (see **VERTICAL OPENING PROTECTION**)
OPENING PROTECTIVES 705.8, 706.8, 707.6, 708.7, 709.6, 710.5, 712.8, 715
 Automatic closing devices 715.4.8, 909.5.2
 Fire door and shutter assemblies 705.8.2, 712.8, 715.4
 Fire windows 715.5
 Glazing 715.5
 Glass unit masonry (see **GLASS UNIT MASONRY**) 2110.1.1
 Self-closing 715.4.7
ORGANIC COATINGS 418
ORGANIC PEROXIDES 307.4, 307.5
OXIDIZERS, LIQUID AND SOLID 307.2

P

PANIC HARDWARE 1008.1.10
PARAPET, EXTERIOR WALL . . . 705.11, 2109.3.4.1.4
 Construction 705.11.1
 Fire wall 706.6
 Height 705.11.1
PARKING, ACCESSIBLE 1106, 1110.1, 3411.4, 3411.7
PARKING GARAGES 406.2
 Accessibility 1105.1.1, 1106.1, 1110.1
 Barriers, vehicle 406.2.4, 1602.1, 1607.7.3
 Classification 311, 406.2.1
 Construction type 406.3.3, Table 503, Table 601
 Enclosed (see **PARKING GARAGE, ENCLOSED**) . . . 406.4
 Gates 3110
 Guards 406.2.3, 2407.1.3
 Height, clear 406.2.2
 Live loads Table 1607.1, 1607.9.1.3
 Occupancy separation 406.2.7, 508, 509
 Open (see **PARKING GARAGE, OPEN**) 406.3
 Special provisions 509
 Sprinklers 903.2.10
 Underground 405
PARKING GARAGES, ENCLOSED 406.4
 Area and height [see **STORAGE OCCUPANCY (GROUP S)**] 406.4.1
 Means of egress 1003.2, 1010.1, 1021.1.2
 Ventilation 406.4.2

- PARKING GARAGES, OPEN** 403.1, 406.3
 Area and height [see STORAGE
 OCCUPANCY (GROUP S)] 406.3.5, 406.3.6
 Construction type 406.3.3
 Means of egress 406.3.8, 1003.2, 1007.3,
 1007.4, 1010.1, 1016.1, 1018.1,
 1021.1.2, 1022.1, 1024.1, 1027.1
 Occupancy separation 406.3.4
 Standpipes 406.3.9
 Ventilation 406.3.12
- PARTICLEBOARD** 2302.1
 Draftstopping 717.3.1
 Moisture protection 1403.2, 1405.2
 Quality 2303.1.7
 Shear walls 2306.5
 Veneer 1405.5
 Wall bracing 2308.9.3
- PARTITIONS**
 Fire (see FIRE PARTITION)
 Live loads 1607.5, 1607.13
 Materials 602.4.6, 603.1(10), 603.1(25)
 Occupancy, specific 709.1
 Smoke (see SMOKE PARTITION)
 Toilets 2903
- PARTY WALLS**
 (see FIRE WALLS) 706.1.1, Table 715.5
- PASSAGEWAY, EXIT (see EXIT)** 1023.1
- PASSENGER STATIONS** 303
- PATIO COVERS** 2606.10, Appendix I
- PEDESTRIAN**
 Protection at construction site 3303.2, 3306
 Walkways and tunnels 3104, 3202.3.4
- PENALTIES** 114.4
- PENETRATION-FIRESTOP SYSTEM**
 Fire-rated walls 713.3.2
 Fire-rated horizontal assemblies 713.4.1.2
- PENETRATIONS** 713, 716
 Fire-resistant assemblies
 Exterior wall 705.10
 Fire barrier 707.7, 707.9
 Fire partition 709.7, 709.9
 Fire wall 706.9, 706.11
 Horizontal assemblies 712.5, 712.7, 713.4
 Shaft enclosures 708.1, 708.2, 708.8, 708.10
 Smoke barriers 710.6, 710.8, 713.5
 Smoke partitions 711.6, 711.7
 Walls 713.3
 Nonfire-resistant assemblies 713.4.2
- PERLITE** Table 720.1(1), Table 2507.2
- PIER FOUNDATIONS**
 (see FOUNDATION, SHALLOW)
- PILE FOUNDATIONS (see FOUNDATION, DEEP)**
- PIPES**
 Embedded in concrete 1906.3
 Embedded in fire protection 704.8
 Insulation covering 719.1, 719.7
 Penetration protection 713, 1022.4
 Under platform 410.4
- PLAIN CONCRETE (see CONCRETE)** 1909
- PLASTER**
 Fire-resistance requirements 718
 Gypsum 718.1, 718.2
 Portland cement 718.5,
 Table 2507.2, Table 2511.1.1
- PLASTIC** Chapter 26
 Approval for use 2606.2
 Core insulation, reflective plastic 2613
 Fiber reinforced polymer 2612
 Fiberglass-reinforced polymer 2612
 Finish and trim, interior 2604
 Light-transmitting panels 2401.1, 2607
 Roof panels 2609
 Signs 402.16, 2611,
 H107.1.1
 Thermal barrier 2603.4
 Veneer 1404.8, 2605
 Walls, exterior 2603.4.1.4, 2603.5
- PLASTIC, FOAM**
 Insulation (see FOAM PLASTICS) 2603
 Interior finish 803.4, 2603.9
 Malls 402.11, 402.12.1, 402.16.5
 Stages and platforms 410.3.6
- PLASTIC, LIGHT-TRANSMITTING**
 Awnings and patio covers 2606.10
 Bathroom accessories 2606.9
 Exterior wall panels 2607
 Fiber reinforced polymer 2612.5
 Fiberglass-reinforced polymer 2612.5
 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(14), 603.1(16), 2605
 Wall panels 2607

PLATFORM (see STAGES AND PLATFORMS) . . . 410
 Construction 410.4
 Temporary 410.4.1

PLATFORM LIFTS, WHEELCHAIR
 Accessible means of egress 1007.2, 1007.5,
 1009.1, 2702.2.6
 Accessibility 1109.7, 3411.8.3

PLUMBING (see TOILET AND TOILET ROOMS) Chapter 29
 Aircraft hangars, residential 412.5.4
 Facilities, minimum 2902, 3305.1
 Fixtures Table 2902.1
 Room requirements 1210, 2406.2,
 2406.4, 2606.9, 2903

PLYWOOD (see WOOD STRUCTURAL PANELS) 2302.1
 Preservative-treated 2303.1.8.1

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 1507.9.6, 1507.9.8

PROJECTION ROOMS
 Motion picture 409

PROJECTIONS, COMBUSTIBLE 705.2.3, 1406.3

PROPERTY LINE (see FIRE SEPARATION DISTANCE) 705.3

PROSCENIUM
 Opening protection 410.3.5
 Wall 410.3.4

PUBLIC ADDRESS SYSTEM (see EMERGENCY COMMUNICATIONS)
 Covered mall and open mall building 402.15,
 907.2.20, 2702.2.14
 Special amusement buildings 411.6

PUBLIC PROPERTY Chapter 32, Chapter 33

PUBLIC RIGHT-OF-WAY
 Encroachments Chapter 32

PYROPHORIC MATERIALS Table 307.1(1), 307.4

R

RAILING (see GUARDS AND HANDRAILS)

RAMPS 1010
 Assembly occupancy 1028.11
 Construction 1010.2 through 1010.5.3,
 1010.7, 1010.9
 Existing buildings 3411.8.5
 Exterior 1026, 3201.4
 Guards 1010.10, 1013, 1607.7
 Handrails 1010.8, 1012, 1607.7
 Landings 1010.6

Parking garage 406.2.5
 Slope 1010.2, 3411.8.5

REFERENCED STANDARDS Chapter 35
 Fire resistance 703.2
 List Chapter 35
 Organizations Chapter 35

REFORMATORIES 308.4
 Machinery room 1015.4

REFUGE AREAS (see HORIZONTAL EXIT, SMOKE COMPARTMENTS, STORM SHELTERS) . . . 407.4.1,
 408.4.1, 408.6,
 422.3, 423.1.1, 1025.4

REFUSE CHUTE 708.13

REINFORCED CONCRETE (see CONCRETE)
 General 1901.2
 Inspections 1704.4

REINFORCEMENT
 Concrete 1907, 1913.4, 1915.4
 Masonry 2103.13

RELIGIOUS WORSHIP, PLACES OF
 Balcony 1028.5, 1108.2.4
 Classification 303, 305.1
 Door operations 1008.1.9.3
 Egress 1028
 Fire alarm 907.2.1
 Interior finishes Table 803.9, 804
 Special occupancy separation 303.1, Table 508.2.5
 Unlimited area 507.6, 507.7

REPAIRS, BUILDING
 Compliance alternatives . . . 3412.1, 3412.2.4, 3412.3
 Flood 1612.1, 1612.2, 3405.5
 Scope 1613.3, 3401.1,
 3409.1, 3411.2

RESIDENTIAL CARE/ASSISTED LIVING FACILITIES 308.1
 Accessibility 1107.5.1, 1107.5.2,
 1107.6.4, 3411.8.7, 3411.8.9
 Fire alarms 907.2.6, 907.5.2.3.3
 Separations Table 508.2.5, Table 508.4
 Smoke alarms 907.2.11.2
 Sprinklers 903.2.6, 903.3.2

RESIDENTIAL OCCUPANCY (GROUP R) 310
 Accessibility 1106.2, 1107.6,
 3411.8.7, 3411.8.8,
 3411.8.9, E104.2, E104.3
 Accessory 508.2, G801.1
 Area 503, 505, 506, 507, 508
 Corridors 1018.1, 1018.2
 Doors 1008.1.1
 Draftstopping 717.3.2, 717.4.2
 Emergency escape and rescue 1029.1

Exit sign exemptions 1011.1
 Fire alarm and detection 907.2.8,
 907.2.9, 907.2.10
 Group R-1 310.1
 Group R-2 310.1
 Group R-3 310.1
 Group R-4 310.1, 1008.1.9.5.1
 Height 503, 504, 505, 506, 508, 509
 Interior finishes Table 803.9, 804
 Live load Table 1607.1
 Parking, private 406.1
 Parking beneath or above 509
 Partitions 420, 709.1
 Plumbing fixtures 2902
 Smoke alarms 907.2.11
 Special occupancy separation 419, 420, 508.2.4,
 Table 508.2.5, 508.3.3
 Special provisions 509.5, 509.6
 Sprinklers 903.2.8, 903.3.2
 Swimming pools 3109.4
 Travel distance 1014.3, 1016.1, 1021.2
 Visible alarms 907.5.2.3.3, 907.5.2.3.4
RETAINING WALLS 1807.2, 2304.11.7
 Flood provisions G801.4
 Seismic 1803.5.12
**REVIEWING STANDS (see BLEACHERS AND
 GRANDSTANDS)** 1028.1.1
 Live load Table 1607.1
RISERS, STAIR (see STAIRWAY CONSTRUCTION)
 Alternating tread device 1009.10.2
 Assembly 1028.5.1, 1028.6,
 1028.7, 1028.9, 1028.11
 Closed 1009.4.5
 General 1009.4
 Spiral 1009.9
 Uniformity 1009.4.4
RODENTPROOFING Appendix F
ROLL ROOFING 1507.6
ROOF ACCESS 1009.13, 1009.14
**ROOF ASSEMBLIES AND
 ROOFTOP STRUCTURES**
 Cooling towers 1509.4
 Drainage 1503.4, 3201.4
 Fire classification 1505
 Height modifications 504.3
 Impact resistance 1504.7
 Materials 1506
 Parapet walls 1503.3, 1503.6
 Penthouses 1509.2
 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 717.4
 Fire resistance Table 601
 Fireblocking 717.2
 Live loads Table 1607.1, 1607.11
 Materials Chapter 6
 Penetration of fire-resistant assemblies 713
 Protection from adjacent construction 3307.1
 Rain loads 1611
 Roof structures 504.3, 1509
 Signs, roof-mounted H110
 Slope, minimum Chapter 15
 Snow load 1608
 Trusses 2210.3, 2303.4, 2308.10.10
 Wood (see ROOF CONSTRUCTION, WOOD)
ROOF CONSTRUCTION, WOOD 602.4.3, 602.4.5
 Anchorage to walls 1604.8.2
 Attic access 1209.2
 Ceiling joists 2308.10.2
 Diaphragms 2305.1, 2306.2
 Fastening schedule 2304.9
 Fire-retardant-treated Table 601, 603.1(25)
 Framing 2304.10.3, 2308.10
 Rafters 2306.1.1
 Sheathing 2304.7, 2308.10.8
 Trusses 2303.4, 2308.10.10
 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 603.1(3), 1505
 Flashing 1503.2, 1503.6, 1507.2.9,
 1507.3.9, 1507.5.7, 1507.7.7,
 1507.8.8, 1507.9.9, 1510.6
 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 1507.8
ROOF DRAINAGE 1503.4
ROOF REPLACEMENT/RECOVERING 1510.3
ROOF STRUCTURE (see ROOF ASSEMBLIES AND ROOFTOP STRUCTURES)
ROOM DIMENSIONS 1208
ROOMING HOUSE 310

S

SAFEGUARDS DURING CONSTRUCTION Chapter 33
 Adjoining property protection 3307
 Construction 3302
 Demolition 3303
 Evacuations 1804.1
 Fire extinguishers 3309
 Means of egress 3310
 Protection of pedestrians 3306
 Site work 3304
 Sprinkler system, automatic 3312
 Standpipes 3308.1.1, 3311
 Temporary use of streets, alleys and public property 3308
SAFETY GLAZING 715.4.7.4, 2406
SCHOOLS (see EDUCATIONAL OCCUPANCY)
SEATING, FIXED 1028
 Accessibility 1108.2, 1109.10
 Aisles 1017.4, 1028.9
 Bleachers (see BLEACHERS)
 Grandstands (see GRANDSTANDS)
 Live load Table 1607.1
 Occupant load 1004.7
SECURITY GLAZING 408.7
SECURITY GRILLES 1008.1.4.5
SEISMIC 1613
 Construction documents 1603.1.5, 1603.1.9, 1709
 Existing building 3403.4.1, 3404.4.1, 3404.5, 3405.2, 3408.4
 Fire-resistance 704.12
 Geotechnical investigation 1803.5.11, 1803.5.12
 Glazing 2404
 Loads 1613
 Masonry 2106

Membrane structure 3102.7
 Seismic design category 1613.2, 1613.5.6
 Seismic detailing 1604.10
 Site class 1613.2, 1613.5.2, 1613.5.5
 Site classification for seismic design 1613.5.5
 Site coefficients 1613.2, 1613.5.3
 Statement of special inspections 1705.3
 Steel 2205
 Structural observations 1707, 1710
 Structural testing 1708
 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) 708
 Continuity 708.5, 708.11, 708.12
 Elevators 708.14
 Exceptions 708.2, 1016.1, 1022.1
 Exterior walls 708.6
 Fire-resistance rating 707.3.1, 708.4
 Group I-3 408.5
 High-rise buildings 403.2.1.2, 403.2.3, 403.3.1.1, 403.5.1
 Joints 708.9, 714
 Materials 708.3
 Opening protection 708.8, 708.10, 713, 716.5.3
 Penetrations 708.8
 Refuse and laundry chutes 708.13
 Required 708.2
SHEAR WALL
 Gypsum board and plaster 2505
 Masonry 2102.1
 Wood 2302.1, 2305.1, 2306.3 through 2306.7
SHEATHING
 Clearance from earth 2304.11.2.2
 Fastening 2304.9
 Fiberboard 2306.6
 Floor 2304.7, 2308.8.6
 Gypsum 2306.2.4
 Moisture protection 2304.11.2.2
 Particleboard 2306.5
 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

SIDEWALKS	G801.4
Live loads	Table 1607.1
SIGNS	3107, Appendix H
Accessibility	1011.3, 1110, E106.4.9, E107, E109.2.2
Accessible means of egress	1007.8.2, 1007.9 through 1007.11
Animated devices	H108
Construction	H105, H107
Covered mall and open mall building	402.16
Doors	1008.1.4.4, 1008.1.9.3, 1008.1.9.7
Electrical	H106
Elevators	1109.6, 1110.2, 3002.3, 3008.11.5
Encroachment, public right-of-way	3202.3.1
Exit	1011, 2702.2.3, 2702.2.9
Ground	H109
Height limitation	H109.1, H112.4
Illumination	H106.1
Luminous	403.5.5, 1011.4, 1024
Marquee	H113
Obstruction	1003.3.2, 1003.3.3, H103
Occupant load, assembly	1004.3
Parking spaces	1110.1
Plastic	2611
Portable	H114
Projecting	H112
Protruding objects	1003.3
Roof	H110
Stair identification	1022.7, 1022.8, 1110.2, 1110.3
Standpipe control valve	905.7.1
Walls	703.6, H111
SITE DRAWINGS	107.2.5
SITE WORK	3304
SKYLIGHTS	2405, 3106.3
Light, required	1205.2
Loads	2404
Plastic	2610
Protection from adjacent construction	3307.1
SLAB, COMPOSITE	
STEEL DECK/CONCRETE	2209.2.1
SLAB ON GROUND, CONCRETE ..	1910, 2304.11.2.3
SLATE SHINGLES	1507.7
SLEEPING UNITS	202
Accessibility	1102, 1103.2.11, 1105.1.6, 1106.2, 1106.7.2, 1107
Accessibility, existing	3411.1, 3411.8.7, 3411.8.8, 3411.8.9
Group I	308
Group R	310
Separation	420.2, 420.3

SMOKE ALARMS

Live/work unit	907.2.11.2
Multiple-station	907.2.11
Residential aircraft hangars	412.5.3, 412.5.4, 907.2.21
Residential occupancies	907.2.11.1, 907.2.11.2
Single-station	907.2.11
SMOKE BARRIERS	710
Ambulatory care facilities	422.2
Construction	407.4.3, 710.4, 909.5
Doors	710.5, 715.4.3, 909.5.2
Fire-resistance rating	703, 710.3
Glazing, rated	715.5
Horizontal assemblies	712.9
Joints	710.7, 714
Marking	703.6
Materials	710.2
Opening protection	710.5, 713.3, 713.5, 715, 716.5.5, 909.5.2
Penetrations	710.6, 713
Smoke control	909.5
Special provisions	
Ambulatory care facilities	422
Group I-2	407.4
Group I-3	408.6, 408.7
Underground	405.4.2, 405.4.3
SMOKE COMPARTMENT	407, 408, 422
Refuge area (see REFUGE AREA)	
SMOKE CONTROL	909
Amusement buildings, special	411.1
Atrium buildings	404.5
Covered mall and open mall building	402.10
Group I-3	408.9
High-rise	403.4.6, 403.5.4, 1022.9
Special inspections	1704.16
Stages	410.3.7.2
Standby power systems	909.20.6.2, 2702.2.2
Systems	909
Underground buildings	405.5
Values	3412.6.10.1
SMOKE DAMPERS	716.2 through 716.5
SMOKE DETECTION SYSTEM	
(see FIRE ALARM AND SMOKE	
DETECTION SYSTEMS)	907
SMOKE DETECTORS	
Covered mall and open mall	402.4.5.1, 907.2.20
High-rise buildings	403.4.1, 907.2.13
HPM	415.8.9.3
Institutional I-2	407.7
Smoke-activated doors	715.4.8.3
Special amusement buildings	411.5
Underground buildings	907.2.18, 907.2.19

SMOKE-DEVELOPEMENT 802,
803.1.1, Table 803.9

SMOKE EXHAUST SYSTEMS
Underground buildings 405.5, 907.2.18, 909.2

SMOKE PARTITIONS 711
Continuity 711.4
Doors 711.5
Ducts and air transfer openings 711.7
Fire-resistance rating 711.3
Inspection 110.3.6
Joints 711.6
Marking 703.6
Materials 711.2
Opening protection 711.5, 716.5.7
Penetrations 711.6
Special provisions
Atriums 404.6
Group I-2 407.3

SMOKE REMOVAL 403.4.6

SMOKE VENTS 410.3.7.1, 910

SMOKEPROOF ENCLOSURES 403.5.4, 1022.9
Design 909.20

SNOW LOAD 1608
Glazing 2404

SOILS AND FOUNDATIONS
(see FOUNDATION) Chapter 18
Depth of footings 1809.4
Excavation,
grading and fill 1804, 3304
Expansive 1803.5.3, 1808.6
Flood hazard 1808.4
Footings and foundations 1808
Footings on or adjacent
to slopes 1808.7, 3304.1.3
Foundation walls 1807.1.5, 3304.1.4
Geotechnical investigation 1803
Grading 1804.3
Loadbearing values 1806
Soil boring and sampling 1803.4
Soil lateral load 1610
Special inspection 1704.7

SORORITIES 310.1

SOUND-INSULATING MATERIALS
(see INSULATION) 719

SOUND TRANSMISSION 1207

SPECIAL CONSTRUCTION Chapter 31
Automatic vehicular gates 3110
Awnings and canopies
(see AWNINGS and CANOPIES) 3105
Marquees (see MARQUEE) 3106
Membrane structures
(see MEMBRANE STRUCTURES) 3102
Pedestrian walkways and tunnels (see WALKWAYS
and TUNNELED WALKWAYS) 3104
Signs (see SIGNS) 3107
Swimming pools enclosures and safety devices
(see SWIMMING POOL) 3109
Telecommunication and broadcast towers
(see TOWERS) 3108
Temporary structures
(see TEMPORARY STRUCTURES) 3103

SPECIAL INSPECTIONS
(see INSPECTIONS and STRUCTURAL TESTS
AND SPECIAL INSPECTIONS)

SPIRAL STAIRS 1009.9
Construction 1009.1, 1009.2, 1009.9
Exceptions .. 1009.4.2, 1009.4.3, 1009.4.5, 1009.12
Group I-3 408.3.4
Live/work 419.3.3

**SPRAY-APPLIED FIRE RESISTANT
MATERIALS** 1702.1
Inspection 1704.12, 1704.13
Steel column calculated fire resistance .. 721.5.2.2

SPRINKLER SYSTEMS, AUTOMATIC 903, 3312
Exempt locations 903.3.1.1.1
Fire department location 912
Seismic design 1613.6.3
Signs 914.2
Substitute for fire rating Table 601(4)
Values 3412.6.17

SPRINKLERS, REQUIRED 903
Aircraft related 412.4.6, 412.6.5
Ambulatory health care facilities 422.5, 903.2.2
Amusement buildings, special 411.4
Area increase 506.3
Assembly 903.2.1, 903.2.11.5, 1028.6.2.3
Atrium building 404.3
Basements 903.2.11.1
Combustible storage 413
Construction 903.2.12
Covered mall and open mall building 402.9
Drying rooms 417.4
Education 903.2.3
Exempt locations 903.3.1.1.1
Factory 903.2.4
Fire areas 707.3.9
Garages 406.3.10, 903.2.9.1, 903.2.10.1
Hazardous materials Table 414.2.5(1),
Table 414.2.5(2), 903.2.11.4
Hazardous occupancies 415.5.2, 415.6.2.4,
415.8.6.3, 415.8.11,
705.8.1, 903.2.5
Height increase 504.2
High-rise buildings 403.2, 403.3, 903.2.11.3
Incidental accessory occupancies ... Table 508.2.5

Institutional 407.5, 903.2.6, 903.3.2
 Laundry chutes, refuse chutes,
 termination rooms and
 incinerator rooms 708.13, 903.2.11.2
 Live/work units 419.5, 903.2.8
 Mercantile 903.2.7
 Mezzanines 505.4, 505.5.2
 Multistory buildings 903.2.11.3
 Residential 903.2.8, 903.3.2
 Special amusement buildings 411.4
 Spray finishing booth 416.5
 Stages 410.6
 Storage 903.2.9, 903.2.10
 Supervision
 (see SPRINKLERS, SUPERVISION) 903.4
 Underground buildings 405.3, 903.2.11.1
 Unlimited area 507
SPRINKLERS, SUPERVISION 903.4
 Service 901.6
 Underground buildings 405.3
STAGES AND PLATFORMS 303, 410
 Dressing rooms 410.5
 Fire barrier wall 410.5.1, 410.5.2
 Floor finish and floor covering 410.3, 410.4,
 804.4, 805.1
 Horizontal assembly 410.5.1, 410.5.2
 Platform, temporary 410.4.1
 Platform construction 410.4, 603.1(11)
 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 410.6
 Stage construction 410.3, 603.1(11)
 Standpipes 410.7, 905.3.4
 Ventilation 410.3.7
STAIRWAY
 (see ALTERNATING TREAD DEVICES, SPIRAL
 STAIRS, STAIRWAY CONSTRUCTION and
 STAIRWAY ENCLOSURE)
STAIRWAY CONSTRUCTION
 Aisle 1028.9
 Alterations 3404.1
 Alternating tread 1009.10
 Circular (see Curved)
 Construction 1009.6
 Curved 1009.3, 1009.8
 Discharge barrier 1022.7
 During construction 3310.1
 Elevators 1009.14, 1022.3, 3002.7
 Enclosure under 1009.6.3

Existing 3404.1, 3408.3
 Exterior exitway 1026.1, 1027.1
 Fireblocking 717.2.4
 Guards 1013.1, 1013.2, 1607.7
 Handrails 1009.12, 1012, 1607.7
 Headroom 1009.2
 Illumination 1006.1, 1205.4, 1205.5
 Ladders 1009.11
 Landings 1009.5, 1009.7
 Live load Table 1607.1, 1607.7
 Luminous 403.5.5, 411.7.1, 1024
 Roof access 1009.13, 1009.14
 Seismic anchorage 2308.12.7
 Spiral (see SPIRAL STAIRS) 408.3.4,
 419.3.3, 1009.9
 Treads and risers 1009.3, 1009.4
 Width 1009.1
 Winders 1009.3, 1009.4.2,
 1009.4.3, 1009.4.4, 1009.8
STAIRWAY ENCLOSURE 708.2, 1022.1
 Access 1022.1.9.2
 Construction 1022.4
 Discharge 1027.1
 Doors 715.4.8, 1008.1.9.10
 Elevators within 1022.3, 3002.7
 Exterior walls 705.2, 707.4, 708.6,
 709.5, 1022, 1026.6
 Fire-resistant construction 1022.1
 Group I-3 408.3.8
 High-rise 403.5
 Penetrations 1022.4
 Pressurization 909.6, 909.20.5
 Space below, use 1009.6.3
 Ventilation 1022.5
STANDARDS
 (see REFERENCED STANDARDS)
STANDBY POWER 2702.1, 2702.3
 Aircraft traffic control towers 412.3.5, 2702.2.18
 Atriums 404.7, 2702.2.2
 Covered mall and open mall building 402.14,
 2702.2.14
 Elevators 1007.4, 2702.2.5, 2702.2.19,
 3003.1, 3007.7, 3008.15
 Hazardous occupancy 414.5.4, 421.8,
 2702.2.10, 2702.2.12
 High-rise 403.4.7, 2702.2.15
 Horizontal sliding doors 1008.1.4.3, 2702.2.7
 Membrane structures 2702.2.9, 3102.8.2
 Platform lifts 1007.5, 2702.2.6
 Smoke control 909.11, 2702.2.2
 Smokeproof enclosure 909.20.6.2, 2702.2.20
 Underground buildings 405.8, 2702.2.16

STANDPIPE AND HOSE SYSTEMS

- (see STANDPIPES, REQUIRED)** 905, 3106.4, 3308.1.1, 3311
- Cabinet locks 905.7.2
- Dry 905.8
- Hose connection location 905.1, 905.4 through 905.6, 912

STANDPIPES, REQUIRED

- Assembly 905.3.2, 905.5.1
- Covered mall and open mall buildings 402.9.1, 905.3.3
- During construction 905.10
- Elevators, fire service access 3007.5
- Helistops 905.3.6
- Marinas 905.3.7
- Parking garages 406.3.6, 406.3.9
- Stages 410.7, 905.3.4
- Underground buildings 405.10, 905.3.5

STEEL

- Chapter 22
- Bolting 2204.2
- Cable structures 2207
- Calculated fire resistance 721.5
- Cold-formed 2202.1, 2209, 2210
- Conditions of restraint 703.2.3
- Decks 2209.2
- Identification and protection 2203
- Joists 2202.1, 2206
- Open web joist 2206
- Parapet walls 1503.3, 1503.6
- Reinforcement, concrete 1907
- Seismic provisions 2205
- Special inspections 1704.3
- Storage racks 2208
- Welding 2204.1

STONE VENEER

- 1405.7
- Slab-type 1405.8

STORAGE OCCUPANCY (GROUP S)

- 311
- Accessory 508.2
- Area 406.3.5, 406.3.6, 406.4.1, 503, 505, 506, 507, 508
- Automobile parking garage 406
- Hazard storage, low, Group S-2 311.3
- Hazard storage, moderate, Group S-1 311.2
- Height 406.3.5, 406.4.1, 503, 504, 505, 506, 508, 509
- High-piled combustible 413
- Interior finishes Table 803.9, 804
- Live loads Table 1607.1
- Parking garages 406.1, 406.2, 406.3, 406.4
- Plumbing fixtures 2902

- Smoke and heat vents 910.2
- Special occupancy separation 309.1, Table 508.2.5
- Sprinkler system, automatic 903.2.10
- Travel distance 1014.3, 1016.1, 1021.2
- Unlimited area 507.2, 507.3, 507.4

STORM SHELTER

- 423
- Refuge area (see REFUGE AREA)

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 TESTS AND SPECIAL INSPECTIONS

- (see INSPECTIONS AND TESTING)** 110.3.9, Chapter 17
- Alternative test procedure 1712
- Approvals 1703
- Contractor responsibilities 1709
- Design strengths of materials 1711
- General 1701
- In-situ load tests 1714
- Material and test standards 1716
- Preconstruction load tests 1715
- Special inspections 1704, 1706, 1707
- Statement of special inspections 1705
- Structural observations 1710
- Structural testing 1708
- Test safe load 1713

STRUCTURAL OBSERVATION

- 1702.1, 1710

STUCCO

- 2512

SWIMMING POOL

- 3109
- Flood provisions G801.5
- Gates, access 3109.4.1.7
- Glass 2406.4
- Indoor 3109.4.2
- Public 3109.3
- Residential 3109.4

T

TELEPHONE EXCHANGES	304
TELESCOPIC SEATING (see FOLDING AND TELESCOPIC SEATING)	
TEMPORARY STRUCTURES	3103
Construction documents	3103.2
Encroachment, public right-of-ways	3202.3
Flood provisions	G901
Means of egress	3103.4
Permit	3103.1.1
TENANT SEPARATION	
Covered mall buildings	402.7, 709.1
TENTS	
Standby and emergency power	2702.2.9
TERMITES, PROTECTION FROM	2304.11
TERRA COTTA	1405.9
TESTING	
Concrete	1905.6
Fire-resistant materials	703.2
Glazing	2406, 2408.2.1
Roof tile	1716.2
Seismic	1708
Smoke control	909.3
Soils	1803
Sprinklers	904.4
Structural (see STRUCTURAL TESTS AND SPECIAL INSPECTIONS)	
THEATERS [see ASSEMBLY OCCUPANCY (GROUP A, PROJECTION ROOMS and STAGES AND PLATFORMS)]	303
THERMAL BARRIER, FOAM PLASTIC INSULATION	2603.4, 2603.5.2
THERMAL-INSULATING MATERIALS (see INSULATION)	719
TILE	2102.1
Ceramic (see CERAMIC TILE)	
Fire resistance, clay or shale	720.1
TOILETS and TOILET ROOMS	Chapter 29
Accessible	1109.2, 1607.7.2
Construction/materials	1210, 2903
Family- or assisted-use	1109.2.1, 2902.1.2, 2902.2
Fixture count	Table 2902.1
Grab bar live loads	1607.7.2
Location	2902.3.2, 2902.3.3, 2902.3.4
Partitions	2903
Public facilities	2902.3
Rooms openings	1210.5
Signs	1110.1, 1110.2
Ventilation	1203.4.3
TORNADO SHELTER (see STORM SHELTER)	

TOWERS

Airport traffic control	412.3
Cooling	1509.4
Location and access	3108.2
Radio	3108
Television	3108
TOXIC MATERIALS [see HIGH-HAZARD OCCUPANCY (GROUP H)]	
Classification	307.6, 414, 415
Gas detection system	415.8.7, 421.6, 908.3
TRAVEL DISTANCE	
Area of refuge	1007.6
Assembly seating	1028.7
Atrium	404.9
Balcony, exterior	1016.2
Common path of travel	1014.3
Mall	402.4.2, 402.4.4
Measurement	1016.1
Refrigeration machinery/ refrigerated rooms	1015.4, 1015.5
Smoke compartments (Group I-2 and I-3)	407.4, 408.6.1, 408.81
Special amusement building	411.4
Stories with one exit	1021.2
Suites (Group I-2)	1014.2.3.3, 1014.2.4.3, 1014.2.4.4, 1014.2.6
TREADS, STAIR (see STAIRWAY CONSTRUCTION)	
Concentrated live load	Table 1607.1
TREATED WOOD	2302.1
Fire-retardant-treated wood	2303.2
Pressure-treated wood	2303.1.8
Stress adjustments	2306.1.3
TRUSSES	2303.4
Cold-formed steel	2210.3
Fire resistance	704.5
Materials	Chapter 6
Metal-plate-connected wood	2303.4.6
Wood	2303.4
TUNNELED WALKWAY	3104, 3202.1
TURNSTILES	1008.3

U

UNDERGROUND BUILDINGS	405
Compartmentation	405.4
Construction type	405.2
Elevators	405.4.3
Emergency power loads	405.10, 2702.2.16
Exits	405.8
Fire alarm systems	405.6
Smoke barrier	405.4.2, 405.4.3
Smoke exhaust/control	405.5

Smokeproof enclosure 405.7.2, 1022.9
 Sprinkler system 405.3
 Standby power 405.8, 2702.2.16
 Standpipe system 405.11, 905.3.5
UNLIMITED AREA BUILDINGS 507
UNSAFE STRUCTURES AND EQUIPMENT
 (see **STRUCTURES, UNSAFE**)
UNSTABLE MATERIALS 307.3, Table 414.2.5(1)
 Table 414.5.1, Table 415.3.2
 415.5.1, 415.8
UNUSABLE SPACE 712.3.3
USE AND OCCUPANCY Chapter 3
 Accessory 508.2
 Incidental accessory occupancy 508.2.5,
 Table 508.2.5
 Mixed 508.3, 508.4
UTILITY AND MISCELLANEOUS OCCUPANCY
(GROUP U) 312
 Accessibility 1103.2.5, 1104.3.1
 Accessory 508.2, G801.1
 Area 503, 505, 506, 507, 508
 Egress illumination 1006.1
 Flood provisions G1001
 Height 503, 504, 505, 506, 508, 509
 Live loads Table 1607.1
 Special occupancy separation Table 508.2.5
 Sprinkler system, automatic 903.2.11
 Travel distance 1014.3, 1016.1, 1021.2

V

VEHICLE BARRIER SYSTEMS 406.2.4,
 1602.1, 1607.7.3
VEHICLE SHOW ROOMS 304
VEHICULAR FUELING 406.5.2
VEHICULAR GATES 3110
VENEER
 Cement plaster 1405.15
 Fastening 1405.17
 Fiber cement siding 1405.16
 Glazing 1405.12
 Masonry, adhered 1405.10
 Masonry, anchored 1405.6
 Metal 1405.11
 Plastic 2605
 Slab-type 1405.8
 Stone 1405.7
 Terra cotta 1405.9
 Vinyl 1405.14
 Wood 1405.5
VENTILATION (see MECHANICAL)
 Attic 1203.2
 Aircraft hangars, residential 412.5.4

Aircraft paint hangars 412.6.6
 Bathrooms 1203.4.2.1
 Crawl space 1203.3
 Elevator hoistways 3004
 Exhaust, hazardous 1203.5
 Exhaust, HPM 415.8.10
 Exit enclosure 1022.5
 Fabrication areas, HPM 415.8.2.6
 Hazardous 414.3, 414.5.4, 415.6.1.4,
 415.6.2.8, 415.8.2.8.2, 415.8.5.7,
 415.8.6.3, 415.8.7, 415.8.9.3
 High-rise 1022.9
 HPM service corridors 415.8.4.3
 Live/work unit 419.8
 Mechanical 1203.1
 Natural 1203.4
 Parking 406.3.12, 406.4.2
 Projection rooms 409.3
 Repair garages 406.6.3
 Roof 1203.2, 1503.5
 Smokeproof enclosures 909.20.3,
 909.20.4, 909.20.6
 Spray rooms and spaces 416.2.1, 416.3
 Stages 410.3.7
 Under-floor ventilation 1203.3

VENTS, PENETRATION PROTECTION 713

VERMICULITE, FIRE-RESISTANT 720

VERTICAL OPENING PROTECTION

Atriums 404.6
 Duct penetrations 716.1
 Elevators 708.14
 Exceptions 708.2, 1022.1
 Group I-3 408.5
 High-rise 403.2.1.2, 403.2.3,
 403.3.1.1, 403.5.1
 Shaft enclosure 708, 1016.1, 1022.1
 Value 3412.6.6.1

VESTIBULES, EXIT DISCHARGE 1027.1

VINYL

Expanded 802, 803.7, 803.8
 Rigid 1405.14

VOICE ALARM (see ALARMS, VOICE)

W

WALKWAY 3104
 During construction 3306
 Encroachment, public right-of-way 3202.3.4
 Fire resistance Table 601
 Live load Table 1607.1
 Materials per construction type Chapter 6
 Opening protection 715, 716

- WALL, EXTERIOR** 705
- Bearing Chapter 6
 - Coverings 1405
 - Exterior Insulation and Finish Systems (EIFS) 1408
 - Exterior structural members 704.10
 - Fire-resistance ratings Table 602, 703, 705.5, 706.5.1, 707.4, 1403.4
 - Flashing, veneered walls 1405.4
 - Foam plastic insulation 2603.4.1.4, 2603.5
 - Glazing, rated 715.5
 - Joints 705.9, 714
 - Light-transmitting plastic panels 2607
 - Materials 705.4, 1406
 - Metal Composite Materials (MCM) 1407
 - Nonbearing Chapter 6
 - Opening protection 705.8, 705.10, 716.5.6
 - Parapets 705.11
 - Projections 705.2
 - Structural stability 705.6
 - Veneer (see VENEER)
 - Weather resistance 1403.2, 1405.2, 1407.6, 1408.4
 - Weather-resistant barriers 1405.2
- WALL, FIRE (see FIRE WALLS)**
- WALL, FOUNDATION (see FOUNDATION)**
- WALL, INTERIOR**
- Finishes 803, 1210.2, 1210.3
 - Opening protection 715, 716
- WALL, INTERIOR NONBEARING (see PARTITIONS)**
- WALL, MASONRY** 2102.1
- Wood contact 2304.11.2.3, 2304.11.2.5
- WALL, PARAPET** 705.11, 1503.3, 1503.6, 2109.3.4.1.4
- WALL, PARTY (see FIRE WALLS)**
- WALL, PENETRATIONS** 713.3
- WALL, RETAINING (see RETAINING WALL)**
- 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 2305.1, 2306.3 through 2306.7
 - 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
- WELDING** 2204.1
- Materials, verification of steel reinforcement 1704.4.1
 - Special inspections 1704.3.1, 1707.2, 1707.4
 - Splices of reinforcement in masonry 2107.4
 - Structural testing 1708.2, 1708.3
- WIND LOAD** 1609
- Alternate all-heights method 1609.6
 - Basic wind speed 1609.3
 - Construction documents 1603.1.4, 1709
 - Exposure category 1609.4
 - Glass block 2110
 - Glazing 1609.1.2, 2404
 - Hurricane-prone regions 1609.2
 - Provisions for walls 2306.2
 - Roofs 1504.1, 1609.5, 2308.10.1
 - Seismic detailing required 1604.10
 - Special inspection 1706
 - Statement of special inspections 1705.4
 - Wind-borne debris region 1609.2
 - Wind tunnel testing 1609.1.1.2, 1716.2.2
- WINDERS, STAIR (see STAIRWAY CONSTRUCTION)**
- WINDOW**
- Accessibility 1109.12.1
 - Emergency egress 1029
 - Exterior, structural testing 1715.5
 - Fire (see OPENING PROTECTIVES) 715.4.9, 715.4.10
 - Glass (see GLAZING) 1405.13
 - Required light 1205.2
 - Wells 1029.5
- WIRES, PENETRATION PROTECTION** 713
- WOOD** Chapter 23
- Allowable stress design 2306
 - Bracing, walls 2308.9.3
 - Calculated fire resistance 721.6
 - Ceiling framing 2308.10
 - Connections and fasteners 2304.9
 - Contacting concrete, masonry or earth 2304.11.4
 - Decay, protection against 2304.11
 - Diaphragms 2305.1, 2305.2, 2306.2
 - Draftstopping 717.3, 717.4

End-jointed lumber 2303.1.1
 Fiberboard 2303.1.5, 2306.6
 Fire-retardant-treated 2303.2
 Fireblocking 717.2
 Floor and roof framing (see FLOOR
 CONSTRUCTION, WOOD) 2304.4
 Floor sheathing 2304.7
 Foundation 1807.1.4, 2308.3.3.1
 Grade, lumber 2303.1.1
 Hardboard 2303.1.6
 Heavy timber construction 2304.10
 Hurricane shutters 1609.1.2
 I-joist 2303.1.2
 Inspection, special 1704.6, 1706.2, 1707.3
 Lateral-force-resisting systems 2305
 Light-frame construction, conventional 2308
 Load and resistance factor design 2307
 Moisture content 2303.1.8.2, 2303.2.6
 Nails and staples 2303.6
 Particleboard shear walls 2306.5
 Plywood, hardwood 2303.3
 Preservative-treated 1403.5, 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, 2306.3 through 2306.7
 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

WOOD SHINGLES AND SHAKES 1507.8, 1507.9

WOOD STRUCTURAL PANELS

(see WOOD) 2302.1, 2303.1.4
 Bracing 2308.9.3
 Decorative 2303.3
 Design requirements 2301
 Diaphragms 2305.1, 2306.2
 Fastening 2304.9
 Fire-retardant-treated 2303.2
 Quality 2303.1.4

Roof sheathing 2304.7, 2308.10.8
 Seismic shear panels 2305.1, 2308.12.4
 Shear walls 2306.3
 Sheathing 2304.6.1
 Standards 2306.1
 Subfloors 804.4
 Veneer 1405.5

Y

YARDS OR COURTS 1206
 Group I-2 407.8
 Group I-3 408.3.6, 408.6
 Light, natural 1205
 Motor fuel-dispensing facilities 406.5.3
 Occupant load 1004.8
 Parking garage, open 406.3.6

