

INDEX

A

ABSORPTION COOLING EQUIPMENT M1412

ACCESS

To appliances M1305
To attic R807
To crawl space R408.3
To equipment M1401.2
To floor furnace M1408.4

ACCESSIBLE

Definition R202
Readily accessible, definition R202

ACCESSORY STRUCTURE

Definition R202

ADDRESS (Site) R321

AIR

Combustion Chapter 17
Combustion (from attic areas) M1703.3
Combustion (from under-floor areas) M1703.4
Combustion air, definition R202
Ducts M1703.2
Indoor combustion M1702
Outdoor combustion M1703
Return M1602

ALLOWABLE SPANS

Of floor joists R502.3, R505.3.2
Of headers R602.7, R603.6
Of rafters and ceiling joists R802.4, R802.5,
R804.3.1, R804.3.3

ALTERNATE MATERIALS (see MATERIALS) R104.11

ANCHOR BOLTS R403.1.6

APPLIANCE

Access to M1305
Attic furnace M1305.1.3
Clearance for M1306
Connectors, fuel-gas Chapter 24
Definition R202
Equipment (general) Chapter 14
Floor furnace M1408
Flue area R1003.14
Fuel-burning Chapter 24
Heating and cooling Chapter 14
Installation M1307
Labeling M1303
Open-top broiler units M1505.1
Ranges M1901
Room heaters M1410
Special fuel-burning equipment Chapter 19
Vented (decorative) Chapter 24

Wall furnace M1409

Warm-air furnace M1402

Water heaters Chapter 20, Chapter 24

APPLICATION

Plywood R703.3

APPROVAL M1302

APPROVED

Definition R202

AREA

Flue (appliances) R1003.14

Flue masonry R1003.15

ASPHALT SHINGLES R905.2

ATTIC

Access R807

Combustion air M1703.3

B

BACKFLOW, DRAINAGE

Definition R202

BACKWATER VALVE R202

BALCONY, EXTERIOR

Definition R202

BASEMENT WALL

Definition R202

Insulation N1102.2.6

BATH AND SHOWER SPACES R307

BATHROOM

Exhaust M1507.3

Group R202

BEAM SUPPORTS R606.14

BEARING

Of joists R502.6

BOILER

Definition R202

Requirements Chapter 20

BORED HOLES (see NOTCHING)

BUILDING

Definition R202

Drain, definition R202

Existing, definition R202

Sewer, definition R202

BUILDING OFFICIAL

Definition R202

Inspection and tests of
fuel-gas piping Chapter 24

BUILDING PLANNING

Ceiling height R305

Decay protection R319

Design criteria R301
 Dwelling unit separations R317
 Emergency escape R310
 Exterior wall location R302
 Finishes R315
 Foam plastic R314
 Garages and carports R309
 Glazing R308
 Guardrails R312
 Handrails R311.5.6, R311.6.3
 Insulation R316
 Landing R311.4.3, R311.5.4, R311.6.2
 Light, ventilation and heating R303
 Means of egress R311
 Minimum room area R304
 Planning Chapter 3
 Plumbing fixture clearances R307
 Ramps R311.6
 Sanitation R306
 Site address R321
 Smoke alarms R313
 Stairways R311.5
 Termite protection R320
 Vapor retarders R318

BUILDING THERMAL ENVELOPE

Definition R202
 Requirements N1102

BUILT-UP GIRDERS (see GIRDERS)

BUILT-UP ROOFING (see ROOFING)

C

CAPACITY

Expansion tank M2003.2

CARPORT R309.4

CEILING

Finishes R805
 Height R305

CENTRAL FURNACES (see FURNACES)

CHASES R606.7

CHIMNEYS

And fireplaces Chapter 10
 Clearance R1003.18
 Corbeling R1003.5
 Crickets R1003.20
 Design (masonry) R1003.1
 Factory-built R1005
 Fireblocking R1003.19
 Flue area R1003.14, R1003.15
 Flue lining R1003.11
 Load R1003.8

Masonry and factory built, size M1805
 Multiple flue R1003.14
 Spark arrestors R1003.9.1
 Termination R1003.9
 Wall thickness R1003.10

CLAY

Tiles R905.3

CLEANOUT

Definition R202
 Masonry chimney R1003.17

CLEARANCE

Above cooking top M1901.1
 For appliances M1306.1
 For chimneys R1001.15
 Reduction methods M1306.2
 Vent connector R1803.3.4

CLOTHES DRYERS M1502, Chapter 24

COLUMNS R407

COMBUSTIBLE

Materials R202

COMBUSTION AIR

Air Chapter 17
 Attic M1703.3
 Definition R202
 Indoor M1702
 Outdoor M1703.1
 Supply M1701.1
 Under-floor M1703.4

COMMON VENT

Definition R202
 Requirements N1801.11

CONCRETE

Compressive Strength R402.2
 Floors (on ground) R506
 Tile (roof) R905.3
 Weathering Figure R301.2(3), R402.2

CONNECTION

For fuel-burning appliances Chapter 24
 For fuel-oil piping M2202

CONNECTOR

Chimney and vent M1803
 Vent, definition R202

CONSTRUCTION

Cavity wall masonry R606.4.2
 Flood-resistant R324
 Floors Chapter 5
 Footings R403
 Foundation walls R404
 Foundations Chapter 4
 Grouted masonry R609

Masonry R606, R607, R608, R609, R610
 Material R402
 Reinforced hollow unit masonry R609.4
 Roofs Chapter 8
 Steel framing R505, R603, R804
 Wood framing R502, R602, R802
 Walls Chapter 6

CONTINUOUS WASTE

Definition R202

CONTROL

Devices Chapter 24

CONTROLS

For forced-air furnaces Chapter 24

COOLING

Absorption cooling equipment M1412
 Access to equipment M1401.2
 Evaporative cooling equipment M1413
 Installation M1401.1
 Refrigeration cooling equipment M1404
 Return air-supply source M1602
 Screen inlet protection M1602.3

COURT

Definition R202

COVERING

Exterior R703
 Interior R702
 Roof Chapter 9
 Wall Chapter 7

CRAWL SPACE R408, N1102.2.8

CRITERIA

Design R301

CROSS CONNECTION

Definition R202

D

DAMPER, VOLUME

Definition R202

DECAY

Protection against R319

DECK

Definition R202

DECORATIVE APPLIANCES

Vented Chapter 24

DEFINITIONS

Building R202
 Mechanical System R202
 Plumbing R202

DESIGN

Criteria R301

DOORS

Exit R311.4.1
 Glass R613

DRAFT HOOD

Definition R202

DRAFTSTOPPING R502.12

DRAINAGE

Foundation R405

DRILLING AND NOTCHING (see NOTCHING)

DRYERS

Domestic clothes M1502

DUCTS Chapter 16

Installation M1601.3
 Insulation N1103.2
 Material M1601.1
 System, definition R202

DWELLING

Definition R202

DWELLING UNIT

Definition R202
 Separation R317

E

ELECTRICAL

Appliance (labeling) M1303

ELECTRICAL RESISTANCE HEATERS

Baseboard convectors M1405
 Duct heaters M1407
 Radiant heating M1406

EMERGENCY ESCAPE R202, R310

ENERGY CONSERVATION Chapter 11

ENTRY R104.6

EQUIPMENT

General, mechanical Chapter 14
 Heating and cooling Chapter 14

EXCAVATIONS

For appliance installation M1305.1.4.2

EXTERIOR

Covering R703
 Insulation finish systems R703.9
 Lath R703.6.1
 Plaster R703.6

EXTERIOR WALL

Definition R202
 Thermal performance N1102

F

FACTORY BUILT

- Chimneys R1005, M1805
- Fireplace stoves R1005.3
- Fireplaces R1004

FASTENING Table R602.3(1)

FENESTRATION

- Definition R202
- U-factor and SHGC rating N1101.5
- U-factor and SHGC requirements N1102.3

FINISHES

- Flame spread and smoke density R315
- For ceilings R805
- Interior R315, R702

FIRE BLOCKING

- Barrier between stories R602.8
- Chimney R1003.19
- Fireplace R1001.12

FIREPLACES Chapter 10

- Clearance R1001.11
- Corbeling R1001.8
- Factory-built R1004
- Fire blocking R1001.12
- Walls R1001.5

FIXTURE UNIT

- Drainage, definition R202
- Water supply, definition R202

FIXTURES

- Plumbing fixture, definition R202

FLAME SPREAD R315

FLASHING R703.7.5, R703.8, R903.2, R905

FLOOR FURNACE

- Access M1408.4
- Clearance M1408.2
- Definition R202
- General M1408.1
- Installation M1408.5
- Location M1408.3

FLOORS

- Concrete (on ground) R506
- Steel framing R505
- Treated-wood (on ground) R504
- Wood framing R502

FLUE

- Area R1003.14, R1003.15
- Lining R1003.11, R1003.12
- Multiple R1003.13

FOAM PLASTICS R314

FOOTINGS R403

FOUNDATIONS Chapter 4

- Cripple walls R602.10.2, R602.11.3

- Frost protection R403.1.4.1

- Walls R404

FRAME

- Inspection R109.1.4

FUEL-BURNING APPLIANCES
(see **APPLIANCE, definition**)

- Identification Chapter 24

FUEL-GAS Chapter 24

FUEL-OIL

- Oil tanks M2201
- Piping, fittings and connections M2202
- Pumps and valves M2204

FURNACES

- Clearance of warm-air furnaces M1402.2
- Exterior M1401.4
- Floor (see **FLOOR FURNACE**)
- Wall (see **WALL FURNACE**)
- Warm-air M1402, Chapter 24

G

GARAGES R309

GAS

- Appliance labeling Chapter 24

GAS PIPING SYSTEM NOT TO BE USED AS GROUNDING ELECTRODE . . . Chapter 24

GIRDERS R502.5

GLAZING R308

- Aggregate R303.1
- Protection of openings R301.2.1.2

GRADE

- Definition R202
- Of lumber R502.1, R602.1, R802.1
- Plane, definition R202
- Slope of piping, definition R202

GROUND

- Floors (on ground) R504, R505, R506

GROUND SOURCE HEAT PUMP M2105

GROUTED MASONRY (see **MASONRY)** R609

- Reinforced R609.3

GUARDS R312

- Definition R202

GYP SUM

- Wallboard R702.3

H

HABITABLE SPACE

- Definition R202

HALLWAYS R311.3

HANDRAILS R311.5.6, R311.6.3

- Definition R202

HEADERS

- Wood R602.7
- Steel R603.6

HEARTH R1001.9

- Extension R1001.9, R1001.10

HEATERS

- Baseboard M1405
- Central furnaces M1402
- Duct M1407
- Heat pumps M1403
- Masonry R1002
- Pool M2006, Chapter 24
- Radiant M1406
- Sauna Chapter 24
- Unvented G2445
- Vented room M1410, Chapter 24
- Water Chapter 20

HEATING R303.8

HEATING EQUIPMENT Chapter 14

HEIGHT

- Ceiling R305

HOLLOW-UNIT MASONRY

- (see **MASONRY**) R608.1.1.2
- Reinforced R609.4

HORIZONTAL

- Pipe, definition R202
- Vent length M1803.3.2

HOT TUBS E4101, Appendix G

HOT WATER

- Definition R202
- Heaters M2005, Chapter 24
- Piping insulation N1103.4

HYDROGEN GENERATING AND REFUELING M1307.4

HYDRONIC HEATING SYSTEMS

- Baseboard convectors M2102
- Boilers M2001
- Expansion tanks M2003
- Floor heating systems M2103
- Operating and safety controls M2002
- Piping systems installation M2101
- Water heaters M2005

I

INDIVIDUAL

- Sewage disposal systems R202

INLET

- To masonry chimneys R1001.13

INSPECTION

- Card AE305.3
- Fuel-supply system Chapter 24

INSTALLATION

- Of appliances M1307
- Of cooling and heating equipment M1401.1
- Of ducts M1601.3
- Of floor furnaces M1408.5
- Of flue liners R1001.9
- Of wall furnaces M1409.3

INSULATION R316

- R-value requirements Chapter 11

INTERIOR

- Lath R702.2
- Other finishes R702.5
- Plaster R702.2
- Wall covering Chapter 7

J

JOIST

- Bearing R502.6, R606.14.1

K

KITCHEN

- Definition R202

L

L VENT TERMINATION M1804.2.4

LABELED

- Definition R202
- Fenestration N1101.5, N1102.4.2

LABELING

- Appliances M1303
- Definition R202

LANDINGS R311.4.3, R311.5.4, R311.6.2

LATERAL SUPPORT R606.9, R610.5.2

LATH

- Exterior R703.6.1
- Interior R702.2

LAVATORIES

- Clearances R307

LIGHT, VENTILATION AND HEATING R303

LINING

- Flue R1003.11, R1003.13

LINTEL R606.10, R611.7.3, R703.7.3, R1001.7

LISTED and LISTING

- Definition applied to building and mechanical provisions R202
- Mechanical appliances M1302.1

LOAD

- Additional R1003.8
- Roof R301.6
- Seismic risk map Figure R301.2(2)

Snow load map Figure R301.2(5)
 Wind speed map Figure R301.2(4)

LOADS

Dead load R301.4
 Horizontal load AE602.1
 Live load R301.5

LOADS, LIVE AND DEAD

Definition R202

LOCATION

Of furnaces M1408.3, M1409.2

LUMBER

Grade R502.1, R602.1, R802.1

M

MANUFACTURED HOME

Definition R202

MASONRY

Anchorage R606.11
 Attachment R703.4
 Cavity wall R606.4
 Chases R606.7
 General R606
 Grouted R609
 Hollow unit R202, R607.2.2.2, R608.1.1.2
 Reinforced grouted R609.3
 Reinforced hollow unit R609.4
 Seismic requirements R606.12
 Solid, definition R202
 Veneer R703.7

MATERIALS

Combustible R202, R1003.18, R1003.19
 R1001.11, R1001.12
 For ducts M1601
 For flue liners R1003.11
 For fuel-supply systems Chapter 24
 For hearth extension R1001.9
 For siding R703.3
 Hydronic pipe M2101, M2103, M2104

MECHANICAL

System requirements Chapter 13
 Ventilation dampers N1103.5

MEDIUM PRESSURE FUEL-GAS

PIPING SYSTEM Chapter 24

MEMBRANE

Penetration R317.3.2
 Polyethylene R504.2.2
 Water proofing R406.2
 Weather-resistant R703.2

METAL

Ducts Chapter 16
 Roof panels R905.10

Roof shingles R905.4

MODIFICATIONS R104.10

MOISTURE CONTROL N1102.5

MORTAR

Joints R607.2.1.1

MULTIPLE

Appliance venting systems M1801.11
 Flues R1003.13

N

NONCOMBUSTIBLE MATERIAL

Definition R202

NOTCHING

For mechanical systems M1308
 Steel joists R505.3.5
 Steel studs R603.3.4
 Wood joists R502.8, R802.7.1
 Wood studs R602.6
 Wood top plates R602.6.1

O

OCCUPIED SPACE

Definition R202

OIL

Piping and connections M2202
 Supply pumps and valves M2204
 Tanks M2201

OPEN-TOP GAS BROILER UNITS M1505.1

OPENING

Requirements, combustion air M1702.2,
 M1703.2.1

OUTLET

Definition Chapter 24

OVEN, WALL-MOUNTED

P

PARAPETS R317.2.2, R606.2.4

PARTICLEBOARD

Floor R503.3
 Walls R605

PERMITS R105

PIERS R606.6

PIPE

Insulation N1103.3, N1103.4
 Materials listing Table M2101.1

PIPING

Connections and materials Table M2101.1
 Fuel-gas size determination Chapter 24
 Support M2101.9, Chapter 24

PLANNING
 Building Chapter 3

PLASTER
 Exterior..... R703.6
 Interior R702.2

PLENUM
 Definition R202

PLUMBING
 Fixture clearances..... R307
 Requirements and definitions R202
 System, definition R202

PLYWOOD
 Application R703.3
 Materials, walls R604

POTABLE WATER
 Definition R202

PROHIBITED
 Return air sources M1602.2

PROTECTION
 Against decay and termites R319, R320
 Of ferrous gas piping Chapter 24

PURLINS R802.5.1

PURPOSE R101.3

R

R-VALUE
 Computation N1102.1.1
 Definition R202

RAFTERS
 Grade of lumber R802.1
 Spans..... R802.5, Tables R802.5.1(1)—
 R802.5.1(8)

RAINTIGHT

RAMPS R311.6

RANGES AND OVENS
 Vertical clearance above cooking top . . . M1901.1

READILY ACCESSIBLE
 Definition R202

RECESSED LUMINAIRES
 Sealed N1102.4.3

REQUIREMENTS
 Connections for fuel-burning
 appliances Chapter 24
 Return air M1602.1

RESISTANT SIDING MATERIAL (see MATERIALS)

RETURN-AIR LIMITATION M1602.2

RIDGE BOARD R802.3

ROOF
 Coverings R905
 Drainage..... R903.4
 Flashing R703.8, R903.2, R905

Steel framing R804
 Wood framing R802

ROOF-CEILING CONSTRUCTION
 (see **CONSTRUCTION**) Chapter 8

Insulation N1102.2
 Wind uplift R802.11

ROOFING
 Built-up R905.9
 Liquid-applied coating R905.15
 Modified bitumen R905.11
 Sprayed polyurethane foam R905.14
 Thermoplastic single-ply R905.13
 Thermoset single-ply R905.12

ROOM
 Heaters, vented M1410
 Minimum Sizes R304

S

SANITATION R306

SEISMIC RISK MAP Figure R301.2(2)

SEPTIC TANK
 Definition R202

SEWER, BUILDING
 Definition R202

SHAKES
 Wood..... R702.6, R703.5, R905.8

SHINGLE
 Asphalt shingles..... R905.2
 Metal..... R905.4
 Slate..... R905.6
 Wood R905.7

SHOWER
 Compartment R307.2

SHUTOFF VALVE (see VALVES)

SIDING
 Exterior coverings R703

SITE
 Address..... R321
 Preparation..... R504.2, R506.2

SIZE
 Of combustion air openings Chapter 17
 Of rooms R304

SKYLIGHTS R308.6, N1102.3.5, N1102.4.1

SLATE SHINGLES R905.6

SMOKE DENSITY R315

SMOKE ALARMS R313

SNOW LOAD MAP R301.2(5)

SOLAR HEAT GAIN
COEFFICIENT (SHGC) N1101.5,
 N1101.8, N1102.3

SOLAR ENERGY SYSTEMS M2301

SPANS

- Steel (allowable) R505.3.2, R804.3.3
- Wood (allowable) R502.3, R802.5

STACK BOND R606.7

STAIRWAYS R311.5

STANDARDS Appendix G

STEEL

- Fireplace units R1001.5.1
- Floor construction R505
- Roof-ceiling construction R804
- Walls R603

STORY

- Definition R202

STOVES

- Factory-built fireplace M1414

STUDS

- Wood R602.2, R602.3
- Spacing R602.3.1
- Steel R603.2, R603.3

SUPPLY

- Combustion air Chapter 17
- Fuel systems Chapter 24
- Oil supply pumps and valves M2204
- Required gas Chapter 24
- Return air M1602

SUPPORT

- Of ducts M1601.3.2
- Of joists R502.6
- Of masonry chimneys R1001.3.1
- Of pipe M2101.9, Chapter 24

SWIMMING POOLS Chapter 41, Appendix G

SYSTEMS

- Mechanical venting Chapter 18, Chapter 24

T**TANK**

- For fuel oil-burning appliances M2201
- Septic, definition R202

TEMPERATURE ISOLINES Figure R301.2(1)

TERMINATION

- Of chimneys R1001.9
- Of vents (general) M1804.2

TERMITES

- Infestation probability map Figure R301.2(6)

TEST

- For leaks in supply piping Chapter 24

THERMAL ISOLATION R202, N1102.2.10, N1102.3.3

THICKNESS

- Of chimney walls R1001.10

TIES

- Veneer R703.7.4.1

TILE

- Shingles (clay and concrete) R905.3

TOWNHOUSE

- Definition R202
- Scope R101.2
- Separation R317.2

TRAP

- Arm, definition R202

TRUSSES

- Steel R804.1.3
- Wood R502.11, R802.10

TYPE OF VENTING SYSTEMS

REQUIRED Chapter 18, Chapter 24

U**U-FACTOR**

- Alternative N1102.1.2
- Definition R202

UNDER FLOOR

- Access to furnaces M1305.1.4
- Combustion air M1703.4
- Plenums M1601.4
- Space R408

UNDERGROUND INSTALLATION**REQUIREMENTS**

- Duct systems M1601.1.2

V**VALVES**

- Meter Chapter 24
- Oil-supply M2204
- Shutoff, fuel-gas Chapter 24
- Shutoff, fuel oil M2204.2

VAPOR RETARDERS R318, N1102.2.8, N1102.5

- Definition R202

VENEER

- Masonry R703.7

VENT

- B or BW vent Chapter 24
- Definition Chapter 24
- L vent M1804.2.4, Chapter 24
- Plumbing system, definition R202
- Termination M1804.2, M2203.5

VENTED

- Decorative appliances Chapter 24
- Floor furnaces M1408
- Room heaters M1410
- Wall furnaces M1409

VENTILATION

- Bathroom and kitchen M1507
- For hydrogen systems M1307.4
- Roof R806
- Under floor R408.1

VENTING (Mechanical)

- Chimney and vent connectors M1803
- Components M1802
- General M1801
- Required M1801, M2203.4
- Systems Chapter 18

VERTICAL

- Clearances above cooking top M1901.1
- Pipe, definition R202

W

WALL FURNACE (see APPLIANCE)

- General M1409.1
- Installation M1409.3
- Location M1409.2

WALLBOARD

- Gypsum R702.3

WALLS

- Steel framing R603
- Bracing, steel R603.3.3
- Bracing, wood R602.10
- Construction Chapter 6
- Covering Chapter 7
- Cripple R602.9
- Deflection R301.7
- Exterior covering R703
- Finishes R315, R702
- Fireplace R1003.5
- Foundation R404
- Insulating concrete form R611
- Mass N1102.2.3
- Steel framing R603
- Thickness, masonry chimneys R1003.10
- Wood framing R602

WARM-AIR FURNACES M1402

- Access to M1401.2
- Clearance from M1402.2

WASTE

- Continuous, definition R202

WATER

- Distribution system, definition R202
- Heater, definition R202
- Heaters Chapters 20, 24
- Supply system, definition R202

WATER CLOSET R306.1

WATERPROOFING

- And dampproofing R406

WIND SPEED MAP Figure R301.2(4)

WINDOW R613

WOOD

- Floor construction R502
- Foundation walls R404.2
- Roof-ceiling construction R802
- Shakes R905.8
- Shingles R905.7
- Trusses R502.11, R802.10
- Walls R602

Y

YARD

- Definition R202

