

INDEX

A

ABSORPTION COOLING EQUIPMENT M1412

ACCESS
To appliances M1305
To attic R807
To crawl space R408.4
To equipment M1401.2
To floor furnace M1408.4
To plumbing connections P2704
To plumbing fixtures P2705
To whirlpool pumps P2720.1

ACCESSIBLE
Definition R202
Readily accessible, definition R202, E3401

ACCESSORY STRUCTURE
Definition R202

ADDRESS (Site) R319

AIR
Combustion Chapter 17, G2407
Combustion air, definition R202
Return M1602

AIR CONDITIONERS
Branch circuits E3702.11
Room air conditioners E3702.12

ALLOWABLE SPANS
Of floor joists R502.3, R505.3.2
Of headers R602.7, R603.6, R613.10
Of rafters and ceiling joists R802.4, R802.5,
R804.3.1, R804.3.2

AMPACITY E3501

ANCHOR BOLTS R403.1.6

APPLIANCE
Access to M1305
Attic M1305.1.3
Clearance for M1306
Connectors, fuel-gas Chapter 24
Definition R202
Definition applied to electrical
equipment E3501
Electrical appliance disconnection
means E4101.5
Electrical appliance installation E4101
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
Definition applied to electrical equipment E3501

ARC-FAULT CIRCUIT-INTERRUPTER E3902

AREA
Disposal, private sewage disposal P2602
Flue (appliances) R1003.14
Flue masonry R1003.15

ARMORED CABLE Table E3801.2

ASPHALT SHINGLES R905.2

ATTACHMENT PLUG (PLUG CAP) (CAP)
Definition E3501

ATTIC
Access R807

AUTOMATIC FIRE SPRINKLER SYSTEMS R313

B

BACKFILL
For piping P2604

BACKFLOW, DRAINAGE
Definition R202

BACKWATER VALVE R202

BASEMENT WALL
Definition R202
Insulation N1102.2.7

BATH AND SHOWER SPACES R307

BATHROOM E3501
Exhaust M1507.3
Group R202, Table P3004.1

BATHTUB
Enclosure P2713
Hydromassage E4209
Whirlpool P2720

BEAM SUPPORTS R606.14

BEARING
Of joists R502.6

BIDETS P2721

BOILER
Definition R202
Requirements Chapter 20

BONDING E3609, E4204
Definition applied to
electrical installations E3501

BONDING JUMPER E3501
Bonding of service equipment E3609.2
Bonding to other systems E3609.3

Main bonding jumper E3607.5
 Metal water piping bonding E3608.1.1
 Sizing bonding jumpers E3609.5

BORED HOLES (see NOTCHING)

BOXES E3906
 Nonmetallic boxes E3905.3
 Support of boxes E3904.3
 Where required E3905.1

BRANCH CIRCUIT E3501, Chapter 37
 Branch circuit ampacity E3701.2
 Branch circuit ratings E3702
 Branch circuits required E3703

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
 Automatic fire sprinkler systems R313
 Carbon monoxide alarms R315
 Ceiling height R305
 Decay protection R317
 Design criteria R301
 Emergency escape R310
 Exterior wall R302.1
 Finishes R315
 Fire-resistant construction R302
 Foam plastic R316
 Garages and carports R309
 Glazing R308
 Guardrails R312
 Handrails R311.7.7, R311.8.3
 Insulation R302.10
 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
 Radon protection Appendix F
 Ramps R311.8
 Sanitation R306
 Site address R319
 Smoke alarms R314
 Stairways R311.7
 Storm shelters R323
 Termite protection R318

BUILDING THERMAL ENVELOPE
 Definition R202
 Requirements N1102

BUILT-UP GIRDERS (see GIRDERS)

BUILT-UP ROOFING (see ROOFING)

C

CABINETS AND PANELBOARDS E3907

CAPACITY
 Expansion tank M2003.2

CARBON MONOXIDE ALARMS R315

CARPORT R309.4

CEILING
 Finishes R805
 Height R305

CEILING FANS E4203.4

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

CIRCUIT BREAKER
 Definition E3401

CLASS 2 CIRCUITS
 Class 2 remote-control, signaling
 and power-limited circuits Chapter 43

CLAY
 Tiles R905.3

CLEANOUT
 Definition R202
 Drainage P3005.2
 Masonry chimney R1003.17

CLEARANCE
 Above cooking top M1901.1
 For appliances M1306.1
 For chimneys R1003.18
 Reduction methods M1306.2
 Vent connector R1803.3.4

CLEARANCES
 Around electrical equipment E3405.1, E3604.1,
 E3604.2, E3604.3

CLOTHES CLOSETS
 Lighting fixtures E4003.12

CLOTHES DRYERS M1502, Chapter 24

CLOTHES WASHING MACHINES P2718

COLUMNS R407

COMBUSTIBLE
 Materials R202

COMBUSTION AIR

- Air Chapter 17
- Definition R202
- Indoor M1702
- Supply M1701.1

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

CONCRETE-ENCASED ELECTRODE E3608.1.2

CONDUCTOR E3406

- Ampacity E3705.1
- Definition E3501
- Identification E3407
- Insulation E3406.5
- Material E3406.2
- Parallel E3406.6
- Size E3406.3, E3704.1
- Ungrounded E3603.1

CONDUIT BODY

- Definition E3501

CONNECTION

- Access to connections P2704
- For fuel-burning appliances Chapter 24
- For fuel-oil piping M2202
- Joints P2904
- Plumbing fixture P2601.2
- To water supply P2902.1

CONNECTIONS

- Aluminum E3406.8
- Device E3406.10.2

CONNECTOR

- Chimney and vent M1803
- Vent, definition R202

CONNECTOR, PRESSURE (SOLDERLESS)

- Definition E3501

CONSTRUCTION

- Cavity wall masonry R608
- Flood-resistant R322
- Floors Chapter 5
- Footings R403
- Foundation material R402
- Foundation walls R404
- Foundations Chapter 4
- Grouted masonry R609
- Masonry R606, R607, R608, R609, R610
- Reinforced hollow unit masonry R609.4
- Roofs Chapter 8
- Steel framing R505, R603, R804
- Wood framing R502, R602, R802
- Walls Chapter 6

CONTINUOUS LOAD

- Definition E3501

CONTINUOUS WASTE

- Definition R202

CONTROL

- Devices Chapter 24

CONTROLS

- For forced-air furnaces Chapter 24

COOKING UNIT, COUNTER-MOUNTED

- Definition E3501

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

COPPER-CLAD ALUMINUM CONDUCTORS

- Definition E3501

CORDS

- Flexible E4101.3, E4202.2

COURT

- Definition R202

COVER REQUIREMENTS E3803.1

COVERING

- Exterior R703
- Interior R702
- Roof Chapter 9
- Wall Chapter 7

CRAWL SPACE R408, N1102.2.9

CRITERIA

- Design R301

CROSS CONNECTION

- Definition R202

D

DAMPER, VOLUME

- Definition R202

DECAY

- Protection against R317

DECK

- Supported by exterior wall R502.2.2
- Wood/plastic composite boards R502.1.7, R502.2.2.4

DECORATIVE APPLIANCES

- Vented Chapter 24

DEFINITIONS

- Building R202
- Electrical E3501
- Mechanical system R202
- Plumbing R202

DESIGN

- Criteria R301

DIRECTIONAL
 Fittings, plumbing P2707

DISCONNECTING MEANS
 Definition E3501

DISHWASHING MACHINES P2717

DOORS
 Exit R311.4.1
 Exterior R612

DRAFT HOOD
 Definition R202

DRAFTSTOPPING R302.12, R502.12

DRAIN
 Floor P2719
 Shower receptors P2709

DRAINAGE
 Cleanouts P3005.2
 Foundation R405
 Inspection and tests P2503
 Storm drainage Chapter 33

DRILLING AND NOTCHING (see NOTCHING)

DRIP LOOPS E3605.9.5

DRYERS
 Domestic clothes M1502

DUCTS Chapter 16
 Installation M1601.4
 Insulation N1103.2, M1601.3
 Material M1601.1
 System, definition R202

DWELLING
 Definition R202, E3501

DWELLING UNIT
 Definition R202, E3501
 Separation R302.2, R302.3

E

ELECTRICAL
 Appliance (labeling) M1303
 Inspection E3403

ELECTRICAL METALLIC TUBING Table E3904.6

ELECTRICAL NONMETALLIC TUBING Table E3904.6

ELECTRICAL RESISTANCE HEATERS
 Baseboard convectors M1405
 Duct heaters M1407
 Radiant heating M1406

ELECTRODES
 Grounding E3608

EMERGENCY ESCAPE R202, R310

ENCLOSURE
 Definition E3501

ENERGY CONSERVATION Chapter 11

EQUIPMENT
 Definition applied to electrical equipment E3501
 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

FACEPLATES E4001.11, E4002.4

FACTORY BUILT
 Chimneys R1005, M1805
 Fireplace stoves R1005.3
 Fireplaces R1004

FASTENING Table R602.3(1)

FAUCETS P2701

FEEDER
 Ampacity E3704.5
 Conductor size E3704.1
 Feeder neutral load E3704.3
 Loads E3704.2
 Requirements E3704

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 R302.11, R602.8
 Chimney R1003.19
 Fireplace R1001.12

FIRE-RESISTANT CONSTRUCTION R302

FIRE SPRINKLER SYSTEM
 Inspections of P2904.8
 Sizing of P2904.6
 Sprinkler location P2904.1.1

FIREPLACES Chapter 10
 Clearance R1001.11
 Corbeling R1001.8
 Factory-built R1004
 Fire blocking R1001.12
 Walls R1001.5

FITTING
 Definition applied to electrical installations E3501

FITTINGS
 DWV piping P3002.3
 Prohibited joints P3003.2
 Water supply P2905.6

FIXTURE UNIT
 Drainage, definition R202

Unit valves P2903.9.3
 Water supply, definition R202

FIXTURES
 Plumbing fixture, definition R202
 Plumbing fixture, general Chapter 27
 Trap seals P3201.2

FLAME SPREAD INDEX R302.9, R302.10

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

FLEXIBLE CORDS E3909, E4101.3, E4202.2

FLEXIBLE METAL CONDUIT E3801.4, E3908.8.1

FLOOR FURNACE M1408

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 R316

FOOD-WASTE GRINDERS P2716

FOOTINGS R403

FOUNDATIONS Chapter 4
 Cripple walls R602.9, R602.10.9
 Frost protection R403.1.4.1
 Inspection R109.1.1
 Walls R404

FRAME
 Inspection R109.1.4

FREEZE PROTECTION OF PLUMBING P2603.6

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

FUSES E3705.6

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

GRAY WATER Appendix O

GROUND
 Definition of electrical E3501
 Floors (on ground) R504, R506
 Joint connection P2905.8

GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION E3902, E4203, E4206, E4207.2, E4208

GROUND SOURCE HEAT PUMP M2105

GROUNDED
 Definition E3501

GROUNDED CONDUCTOR
 Definition E3501
 Identification E3407

GROUNDED, EFFECTIVELY
 Definition E3501

GROUNDING
 Effective grounding path E3611.3
 Of equipment E3908, E4205.1

GROUNDING CONDUCTOR
 Definition E3501
 Equipment E3501, E3607.3.1, E3908

GROUNDING ELECTRODE CONDUCTOR E3607.4
 Connection E3607.2, E3611
 Definition E3501
 Size E3603.4

GROUNDING ELECTRODE SYSTEM E3608

GROUNDING ELECTRODES E3608, E3608.1
 Resistance of E3608

GROUTED MASONRY (see MASONRY) R609
 Reinforced R609.3

GUARDED
 Definition applied to electrical equipment E3501

GUARDING OF ENERGIZED PARTS E3404.9

GUARDS R312
 Definition R202

GYPSUM
 Wallboard R702.3

H

HABITABLE SPACE
 Definition R202

HALLWAYS R311.6

HANDRAILS R311.7.7, R311.8.3
 Definition R202

HEADERS

- SIP R613.10
- Steel R603.6
- Wood R602.7

HEARTH

- 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) R607.2.2.2, R608.1.1.2
- Reinforced R609.4

HORIZONTAL

- Pipe, definition R202
- Vent length M1803.3.2

HOT TUBS

- E4201, Appendix G

HOT WATER

- Circulating hot water piping insulation N1103.4
- Definition R202
- Distribution pipe rating P2905.5
- Heaters M2005, Chapter 24

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

IDENTIFIED

- Definition applied to electrical equipment E3501

INDIVIDUAL

- Branch circuit, definition E3501
- Sewage disposal systems R202, P2602
- Water supply and sewage disposal systems P2602

INLET

- To masonry chimneys R1003.16

INSPECTION

- Card AE305.3

- Excavation for piping P2604.1
- Fuel-supply system Chapter 24
- Of plumbing system P2503

INSTALLATION

- Existing Appendix J
- Of appliances M1307
- Of cooling and heating equipment M1401.1
- Of ducts M1601.4
- Of flue liners R1003.12
- Of plumbing fixtures P2705
- Of wall furnaces M1409.3

INSULATION

- R302.10
- R-value requirements Chapter 11

INTERIOR

- Lath R702.2.3
- Other finishes R702.5
- Plaster R702.2
- Wall covering Chapter 7

INTERMEDIATE METAL CONDUIT

- E3801, E3904

INTERRUPTING RATING

- E3404.2
- Definition E3501

J

JOINTS, PIPE

- And connections P2905, P3003
- Slip P2704.1, P3005.2.9

JOIST

- Bearing R502.6, R606.14.1

JUMPERS

- Bonding E3609

JUNCTION BOXES

- E3905, E4206.9.1

K

KITCHEN

- Definition R202

KITCHEN RECEPTACLES

- E3703.2, E3901

L

L VENT TERMINATION

- M1804.2.4

LABELED

- Definition R202
- Definition applied to electrical equipment E3501
- Fenestration N1101.5, N1102.4.4

LABELING

- Appliances M1303
- Definition R202

LAMP HOLDERS

- E4003, E4004

LANDINGS

- R311.3, R311.7.1, R311.7.5, R311.8.2

LATERAL SUPPORT

- R502.7, R606.9, R610.5.2

LATH

- Exterior R703.6.1
- Interior R702.2.3

LAUNDRY CIRCUIT

- E3703.3

LAUNDRY TUBS P2715

LAVATORIES P2711

Clearances R307

Waste outlets P2711.3

LEAD

Bends and traps P3002.4.2

Caulked joints P3003.6.1

Flashing P3002.4.1

LIGHT, VENTILATION AND HEATING R303

LIGHTING

Luminaire in clothes closets E4003.12

Luminaire installation E4004

Luminaries E4003, E4004, E4206

LIGHTING OUTLETS

Definition E3501

Required lighting outlets E3903

LINING

Flue R1003.11, R1003.12

LINTEL R606.10, R611.8, R703.7.3, R1001.7

LIQUID-TIGHT FLEXIBLE CONDUIT E3801.4, E3908.8.2

LISTED

Definition applied to electrical equipment. . . . E3501

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

Branch circuit loads. E3702, E3703.6

Dead load R301.4

Feeder load E3704.2

Feeder neutral load E3704.3

Horizontal load AE602.1

Live load R301.5

Service load. E3602.2

LOADS, LIVE AND DEAD

Definition. R202

LOCATION

Of furnaces M1408.3, M1409.2

LOCATION (DAMP) (DRY) (WET)

Definitions. E3501

LUMBER

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

LUMINAIRE E4004

Clearances E4004.8

M

MACERATING TOILET P2723

MANUFACTURED HOME

Definition. R202

Provisions Appendix E

MASONRY

Anchorage R606.11

Cavity wall R608

Chases R606.7

General. R606

Grouted. R609

Hollow unit R202, R607.2.2.2, R608.1.1.2

Inspection R109.1.4

Reinforced grouted R609.3

Reinforced hollow unit R609.4

Seismic requirements R606.12

Solid, definition. R202

Veneer R703.7

Veneer attachment R703.4

MATERIALS

Combustible R202, R1003.18, R1003.19 R1001.11, R1001.12

For ducts M1601

For fixture accessories P2702

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

Plumbing pipe P2905, P3002

MECHANICAL

System requirements Chapter 13

Ventilation dampers N1103.5

MEDIUM PRESSURE FUEL-GAS PIPING SYSTEM Chapter 24

MEMBRANE

Penetration R302.4.2

Polyethylene R504.2.2, R506.2.3

Water proofing. R406.2

Water-resistive. R703.2

METAL

Ducts Chapter 16

Roof panels R905.10

Roof shingles. R905.4

METAL-CLAD CABLE Table E3701.2

METHODS

Water distribution pipe sizing Appendix P

MOISTURE CONTROL R601.3

MORTAR

Joints R607.2.1.1

MOTORS

Motor branch circuits E3702.6, E3702.7

MULTIPLE

Appliance venting systems M1801.11

Flues R1003.13

MULTIWIRE BRANCH CIRCUITS E3701.5

N

NONCOMBUSTIBLE MATERIAL

Definition. R202

NONMETALLIC BOXES E3905.3, E3908.16
NONMETALLIC RIGID CONDUIT E3801.4
NONMETALLIC-SHEATHED CABLE E3705.4.4, E3801.4, E3905.3.1, E3908.8.3

NOTCHING

Electrical E3402.1
 For plumbing piping P2603.2
 For mechanical systems M1308
 Steel joists R505.2.5, R505.3.5, R804.2.5, R804.3.4
 Steel studs R603.2.5, 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 Chapters 17 and 24
 Waterproofing of piping penetrations P2606.1

OUTLET

Definition Chapter 24, E3501

OVEN, WALL-MOUNTED

Definition applied to electrical provisions E3501

OVERCURRENT

Definition E3501

OVERCURRENT PROTECTION E3705

OVERCURRENT-PROTECTION RATING E3705.6

OVERLOAD

Definition E3501

P**PANELBOARD**

Definition E3501

PANELBOARDS E3706

Clearance and dedicated space E3405.2, E3405.3
 Headroom E3405.7

PARAPETS R317.2.2, R606.2.4

PARTICLEBOARD

Floor R503.3
 Walls R605

PIERS R606.6

PIPE

Insulation N1103.3, N1103.4
 Materials listing Table M2101.1, P2608

Protection P2603
 Standards, drain, waste and vent Table P3002.1(1), P3002.1(2)
 Standards, sewer Table P3002.2
 Standards, water supply P2905

PIPING

Connections and materials Table M2101.1, P2905
 Drain, waste and vent P3002.1
 Fuel-gas size determination Chapter 24
 Protection P2603
 Sizing methods, water distribution P2903.7
 Support Chapter 24, M2101.9, P2605

PLANNING

Building Chapter 3

PLASTER

Exterior R703.6
 Interior R702.2

PLENUM

Definition R202
 Definition, electrical installations E3501

PLUMBING

Fixture clearances R307
 Fixtures Chapter 27
 Materials P2702.2, P2905, P3002
 Requirements and definitions R202
 System, definition R202
 Traps Chapter 32
 Vents Chapter 31

PLYWOOD

Application R703.3
 Materials, walls R604

POTABLE WATER

Definition R202

PRECAST CONCRETE

Footings R403.4
 Foundation material R402.3.1
 Foundation walls R404.5

PRESSURE, WATER SUPPLY

Maximum P2903.3.1
 Minimum P2903.3

PRIVATE

Sewage disposal system Appendix I

PROHIBITED

Receptors P2706.3
 Return air sources M1602.2
 Traps P3201.5
 Valves below grade P2903.9.5
 Water closets P2712.1

PROTECTION

Against decay and termites R319, R320
 Against radon Appendix F
 Of backflow preventers P2902.6
 Of ferrous gas piping Chapter 24
 Of potable water supply P2902

PURLINS R802.5.1

R

R-VALUE

- Computation N1102.1.1
- Definition R202

RACEWAY

- Definition E3501
- Raceway installations E3904
- Raceway seals E3601.5, E3803.6
- Raceways as means of support E3904.4

RADON

- Map Appendix F

RAFTERS

- Grade of lumber R802.1
- Spans R802.5,
Tables R802.5.1(1) – R802.5.1(8)

RAINPROOF

- Definition applied to electrical provisions E3501

RAINTIGHT

- Definition applied to electrical provisions E3501

RAMPS

- R311.8

RANGES

- Branch circuits for ranges E3702.9

RANGES AND OVENS

- Vertical clearance above cooking top M1901.1

READILY ACCESSIBLE

- Definition R202
- Definition, electrical installations E3501

RECEPTACLE

- Definition E3501

RECEPTACLE OUTLET

- Definition E3501
- Required outlets E3901

RECEPTACLES

- Rating, type and installation E4002

RECEPTORS

- Plumbing fixtures and traps Chapter 27
- Shower receptor materials P2709.2
- Waste P2706

RECESSED LUMINAIRES

- E4003.5, E4003.12,
E4004.8, E4004.9,
Sealed N1102.4.5

REQUIREMENTS

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

RESISTANCE TO GROUND

- Electrodes E3608.4

RESISTANT SIDING MATERIAL (see MATERIALS)

RETURN-AIR LIMITATION

- M1602.2

RIDGE BOARD

- R802.3

RIGID METALLIC CONDUIT

- E3908

RIGID NONMETALLIC CONDUIT

- E3801.4

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, R804.3.9

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

SERVICE

- Definition E3501

SERVICE CABLE

- Definition E3501

SERVICE CONDUCTORS

- Definition E3501
- Drip loops E3605.9.5
- Insulation E3605.1
- Overload protection E3603.3
- Rating of ungrounded service conductors E3602.1
- Size E3603.1

SERVICE DISCONNECT

- Location E3601.6.2
- Marking of E3601.6.1
- Maximum number of E3601.7
- Rating of E3602.3
- Required E3601.6

SERVICE DROP

- Clearances E3604.1, E3604.2
- Definition E3501
- Point of attachment E3604.3

SERVICE-ENTRANCE CONDUCTORS, OVERHEAD SYSTEM

- Definition E3501

SERVICE-ENTRANCE CONDUCTORS, UNDERGROUND SYSTEM

- Definition E3501

SERVICE EQUIPMENT

- Definition E3501

SERVICE LATERAL

- Definition E3501

SERVICE LOAD

- E3602.2

- SERVICE POINT**
 Definition E3501
- SERVICE VOLTAGE RATING** E3602.4
- SERVICES** Chapter 36
- SEWAGE**
 Disposal, private P2602
- SEWER, BUILDING**
 Definition R202
 Size P3005.4.2
 Testing P2503.4
- 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
 Receptor P2709
 Stall dimensions P2708
 Walls P2710
- SHUTOFF VALVE (see VALVES)**
- SIDING**
 Exterior coverings R703
- SINKS** P2714
- SITE**
 Address R319
 Preparation R408.5, R504.2, R506.2
- SIZE**
 Of combustion air openings Chapter 17
 Of rooms R304
 Of trap P3201.7
- SIZING METHODS**
 Water piping P2903.7
- SKYLIGHTS** R308.6, N1102.3.5, N1102.4
- SLATE SHINGLES** R905.6
- SMOKE ALARMS** R314
- SMOKE-DEVELOPED INDEX** R302.9, R302.10
- SNOW LOAD MAP** R301.2(5)
- SOLAR ENERGY SYSTEMS** M2301
- SOLAR HEAT GAIN COEFFICIENT (SHGC)** N1101.5, N1102.3
- SPANS**
 Steel (allowable) R505.3.2, R804.3.2.1
 Wood (allowable) R502.3, R802.5
- SPAS** E4208
- SPLICES** E3406.10
- SPLICES AND TAPS** E3803.4
- STACK BOND** R606.8
- STAIRWAYS** R311.7
- STANDARDS** Chapter 44, Appendix G
- STEEL**
 Fireplace units R1001.5.1
- Floor construction R505
 Roof-ceiling construction R804
 Walls R603
- STORM SHELTERS** R323
- STORY**
 Definition R202
- STOVES**
 Factory-built fireplace M1414
- STRUCTURAL AND PIPING PROTECTION** P2603
- STRUCTURAL INSULATED PANEL (SIP)** R613
- STUDS**
 Wood R602.2, R602.3
 Spacing R602.3.1
 Steel R603.2, R603.3
- SUPPLY**
 Combustion air Chapters 17 and 24
 Fuel systems Chapter 24
 Oil supply pumps and valves M2204
 Required gas Chapter 24
 Return air M1602
 Water Chapter 29
- SUPPORT**
 Of decks R502.2.2
 Of ducts M1601.4.3
 Of floor joists R502.6, R505.3.2
 Of masonry chimneys R1003.2, R1003.3, R1003.4
 Of pipe M2101.9, Chapter 24, P2605
- SUPPORT REQUIREMENTS FOR WIRING METHODS** E3802.1
- SWIMMING POOLS** Chapter 42, Appendix G
- SWITCHES**
 Definition E3501
 Rating and application E4001
- SYSTEMS**
 Mechanical venting Chapters 18 and 24
 Plumbing, drainage, waste and venting Chapters 25, 30 and 31

T

- TAIL PIECES** P2703
- TANK**
 For fuel oil-burning appliances M2201
 Septic, definition R202
- TEMPERATURE ISOLINES** Figure R301.2(1)
- TEMPERATURE LIMITATIONS** E3705.4
- TERMINALS** E3406.9
- TERMINATION**
 Of chimneys R1003.9
 Of vents (general) M1804.2
- TERMITES**
 Infestation probability map Figure R301.2(6)
 Protection R318
- TEST**
 For leaks in supply piping Chapter 24
 Of building sewers P2503.4

Of plumbing systems P2503
 Of shower liner P2503.6
THERMAL ISOLATION R202, N1102.2.11,
 N1102.3.5
THICKNESS
 Of chimney walls R1003.10
TIES
 Veneer R703.7.4
TILE
 Shingles (clay and concrete) R905.3
TOWNHOUSE
 Definition R202
 Separation R302.2
TRACK LIGHTING E4005
TRAP Chapter 32
 Arm, definition R202
TRUSSES
 Steel R505.1.3, R804.3.7
 Wood R502.11, R802.10
TYPE OF VENTING
SYSTEMS REQUIRED Chapters 18 and 24

U

U-FACTOR
 Alternative N1102.1.2
 Definition R202
UNDER FLOOR
 Access to furnaces M1305.1.4
 Plenums M1601.5
 Space R408
UNDERGROUND INSTALLATION
REQUIREMENTS
 Duct systems M1601.1.2
 Electrical cable E3803
 Wiring E4103.6
UNVENTED ATTIC ASSEMBLIES R806.4
UTILIZATION EQUIPMENT
 Definition E3401

V

VALVES
 Backwater P3008
 Meter Chapter 24
 Oil-supply M2204
 Relief, water heater P2803
 Shutoff, fuel-gas Chapter 24
 Shutoff, fuel oil M2204.2
 Water heaters P2903.9.2
 Water supply P2903.9
VAPOR RETARDERS R601.3, N1102.2.9
 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, P3103.5

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

VENTING (Plumbing)

Air admittance valves P3114
 Circuit P3110
 Combination waste and vent system P3111
 Common P3107
 Connections and grades P3104
 Fixture P3105
 Individual P3106
 Island fixture P3112
 Pipe sizing P3113
 Stacks and stack vents P3102
 Systems P3101
 Terminals P3103
 Waste stack P3109
 Wet P3108

VERTICAL

Clearances above cooking top M1901.1
 Pipe, definition R202

VOLTAGE

Definition E3501

VOLTAGE RATING (Services) E3602.4

VOLTAGE TO GROUND

Definition E3501

VOLTAGES E3404.1

W

WALL FURNACE (see APPLIANCE)

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

WALLBOARD

Gypsum R702.3

WALLS

Bracing, steel R603.9
 Bracing, wood R602.10
 Construction Chapter 6
 Covering Chapter 7

INDEX

Cripple R602.9
Deflection R301.7
Exterior covering R703
Finishes R315, R702
Fireplace R1001.5
Foundation R404
Insulating concrete form R611.3,
R611.4, R611.5.3
Mass N1102.2.4
Steel framing R603
Structural insulated panels (SIP) R613
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 and 28
Individual supply and sewage disposal P2602
Piping sizing methods P2903
Supply and distribution Chapter 29
Supply system, definition R202
WATER CLOSET R306.1
WATERPROOFING
And dampproofing R406
Of openings through roofs and walls P2606
WATERTIGHT
Definition applied to electrical provisions E3501
WEATHERPROOF
Definition applied to electrical provisions E3501
WHIRLPOOL BATHTUBS P2720
WIND SPEED MAP Figure R301.2(4)
WINDOW R612
Fall prevention devices R612.3
Opening limiting devices R612.4
WIRING METHODS Chapter 37
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
WORKING SPACE E3606.2
Around electrical equipment E3405.1, E3405.2
WORKMANSHIP, PLUMBING P2607

Y

YARD
Definition R202