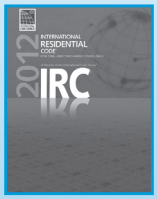


# 2012 INTERNATIONAL RESIDENTIAL CODE® FOR ONE- AND TWO-FAMILY DWELLINGS PLAN REVIEW RECORD

Plan Review # _____
Date: _____
Valuation: _____
Fee: _____

**JURISDICTION:** _____
*(City, County, Township, etc.)*

**BUILDING LOCATION:** _____
*(Street address)*

**BUILDING DESCRIPTION:** _____

_____

**REVIEWED BY:** _____

Numerals indicated in parenthesis are applicable code sections of the 2012 *International Residential Code*. The plan review accomplished as indicated in this record is limited to those code sections specifically identified herein. This record references commonly applicable code sections with due regard for the amount and type of detailed information which is typically found on construction documents for one and two family dwellings and townhouses. It does not reference all code provisions which may be applicable to specific buildings. This record is designed to be used only by those who are knowledgeable and capable of exercising competent judgement in evaluating construction documents for code compliance.

## CORRECTION LIST

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| CORRECTION LIST (cont'd.) | | |
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**NOTE:** Entries to this Plan Review Record that require a field check or inspection of the installation must be coordinated with the inspection phase (R109) of the project.

## BUILDING PLANNING (Chapter 3)

DESIGN CRITERIA [Table R301.2(1)]

Floor live load *(Table R301.5)* _____psf

Roof live load *(Table R301.6)*_____psf

Ground snow load _____psf

Basic wind speed _____ mph

Wind exposure category *(R301.2.1.4)* _____ _____

High wind design criteria applicable *(R301.2.1.1)*_____

Seismic design category (SDC) *[Figure R301.2(2)]* _____

SDC C&D provisions *(R301.2.2)* _____

Weathering_____

Frost line depth_____

Termite area _____

Decay area_____

Winter design temperature_____

Ice barrier underlayment required _____

Flood hazards _____

FIRE-RESISTANT CONSTRUCTION (R302)

_____Exterior walls *[R302.1, Tables R302.1(1) and R302.1(2)]*

_____Townhouse separation *(R302.2)*

_____ Continuity and structural independence *(R302.2.1, R302.2.4)*

_____ Parapets and construction *(R302.2.2, R302.2.3)*

_____ Two-family dwelling separation *(R302.3)*

_____ Dwelling unit penetrations *(R302.4)*

_____ Dwelling/garage opening/penetration protection *(R302.5)*

_____ Dwelling/garage fire separation *(R302.6)*

_____ Under-stair protection *(R302.7)*

_____ Wall and ceiling finishes *(R302.9)*

_____ Flame spread index *(R302.9.1)*

_____ Smoke-developed index *(R302.9.2)*

_____ Testing *(R302.9.3, R302.9.4)*

_____ Insulation *(R302.10)*

_____ Flame spread/smoke-developed *(R302.10.1, R302.10.2)*

_____ Cellulose loose-fill and exposed attic insulation *(R302.10.3, R302.10.4)*

_____ Testing *(R302.10.5)*

_____ Fireblocking *(R302.11)*

_____ Draftstopping *(R302.12)*

_____ Combustible insulation clearance *(R302.13)*

ROOM PLANNING REQUIREMENTS (R303 through R305)

| Use | Area ($ft^2$) | Width | Ceiling height† | Natural light* | Natural ventilation* |
|---|---|---|---|---|---|
| Living | 120 | 7′-0″ | 7′–0″ | 8% floor area | 4% floor area |
| Dining | 70 | 7′-0″ | 7′–0″ | 8% floor area | 4% floor area |
| Kitchen | N.A. | N.A. | 7′–0″ | 8% floor area | 4% floor area |
| Bedroom | 70 | 7′-0″ | 7′–0″ | 8% floor area | 4% floor area |
| Bathroom | N.A. | N.A | 7′–0″ | 3 square feet | $1^1/_2$ square feet |

* See Sections R303.1 & R303.3 for mechanical ventilation and artificial light and R303.4 for required whole-house mechanical ventilation.
† 6′-8″ min. at plumbing fixtures and for non-habitable basements.

_____Required heating *(R303.9)*

SANITATION (R306 and R307)

_____Water closet

_____Lavatory

_____Tub or shower

_____Kitchen area with sink

_____Sanitary sewer *(Chapter 30)*

_____Private disposal *(Appendix I)*

GLAZING (R308)

_____ Identification *(R308.1)*

_____ Louvered windows or jalousies *(R308.2)*

_____ Human impact loads/hazardous locations *(R308.3, R308.4)*

_____ Skylights and sloped glazing *(R308.6)*

## BUILDING PLANNING (cont'd.)

GARAGES AND CARPORTS (R309)

_____Floor surface noncombustible; sloped floor *(R309.1)*

_____Carport: open two sides; noncombustible floors; sloped floor *(R309.2)*

_____Automatic garage door opener *(R309.4)*

_____Fire sprinklers *(R309.5)*

EMERGENCY ESCAPE AND RESCUE OPENINGS (R310)

_____Where required *(R310.1)*

_____Areas, height, width, operations *(R310.1.1 - R310.1.4)*

_____Window wells *(R310.2)*

_____Bars, grilles, covers and screens *(R310.4)*

_____Under decks and porches *(R310.5)*

MEANS OF EGRESS (R311)

_____General *(R311.1)*

_____Egress door *(R311.2)*

_____Landings at exterior doors *(R311.3 - R311.3.3)*

_____Vertical egress *(R311.4)*

_____Construction and attachment *(R311.5)*

_____Hallways *(R311.6)*

_____Stairway width, headroom, vertical rise, walkline *(R311.7.1 - R311.7.4)*

_____Stairway treads, risers profiles *(R311.7.5 - R311.7.5.4)*

_____Stairway landings and walking surfaces *(R311.7.6, R311.7.7)*

_____Handrails required *(R311.7.8)*

_____Handrail height, continuity, grip-size *(R311.7.8.1 - R311.7.8.4)*

_____Stairway illumination *(R303.6, R311.7.9)*

_____Special stairways *(R311.7.10)*

_____Ramp slope, landings, handrails *(R311.8)*

GUARDS AND WINDOW PROTECTION (R312)

_____Required for open-sided surfaces, stairs, ramps and landings > 30″ above floor/grade *(R312.1.1)*

_____Height - 36″ *(R312.1.2)*

_____Opening limitations *(R312.1.3)*

_____Window fall protection *(R312.2)*

AUTOMATIC FIRE SPRINKLER SYSTEMS (R313)

_____Townhouses *(R313.1)*

_____One- and two-family dwellings *(R313.2)*

SMOKE ALARMS (R314)

_____Referenced standards *(R314.1, R314.2)*

_____Location and interconnection *(R314.3, R314.5)*

_____Power source *(R314.4)*

CARBON MONOXIDE ALARMS (R315)

_____New construction *(R315.1, R315.2)*

_____Existing construction *(R315.3)*

_____Referenced standard *(R315.4)*

FOAM PLASTIC (R302.8, R316)

_____Labeling *(R316.2)*

_____Surface burning, thermal barrier, specific approval *(R316.3 - R316.7)*

DECAY AND TERMITE PROTECTION (R317 and R318)

_____Protection required *(Table R301.2(1), R317.1, R318.1)*

_____Quality mark *(R317.2 and R318.1.1)*

SITE ADDRESS (R319)

_____Address numbers *(R319.1)*

ACCESSIBILITY (R320)

_____Type B dwelling units applicable *(R320.1)*

ELEVATORS/PLATFORM LIFTS (R321)

_____Referenced standards *(R321.1 - R321.3)*

FLOOD-RESISTANT CONSTRUCTION (R322)

_____General *(R322.1)*

_____Hazard area and requirements *(R301.2.4, R309.3, R322.2, R322.3)*

_____Design professional *(R322.3.6)*

STORM SHELTERS (R323)

_____General/referenced standard *(R323.1)*

# FOUNDATIONS (Chapter 4)

MATERIALS (R402)

_____Wood foundations *(R402.1)*

_____Concrete, compressive strength *(R402.2)*

FOOTINGS (R403)

_____Soil bearing value *(R401.4, R403.1)*

_____Footing width *(Table R403.1)*

_____Footing edge thickness = 6″ minimum; footing projection = 2″ minimum, but ≤ footing thickness *(R403.1.1)*

_____Footings in SDC C or D *(R403.1.2, R403.1.3 and R403.1.6.1)*

_____Depth below (outside) grade = 12″ minimum; but below frost line except for frost protected footings. *(R403.1.4, R403.1.4.1 and R403.1.4.2)*

_____Sill plate bolting in concrete/masonry = $^1/_2$″ diameter bolts, within 12″ but not less than 7 bolt diameters from ends, 7″ embedment *(R403.1.6)*

_____Footings adjacent to slopes *(R403.1.7)*

_____Frost protected shallow foundations *(R403.3)*

_____Footings for precast concrete foundation *(R403.4)*

FOUNDATION/RETAINING WALLS (R404 - R406)

_____Masonry foundation walls *(R404.1.1)*

_____Wall height, unbalanced backfill, nominal thickness *[Tables R404.1.1(1) - R404.1.1(4), R404.1.5.1]*

_____Reinforcement size and spacing *[Tables R404.1.1(2) - R404.1.1(4)]*

_____Concrete foundation walls *(R404.1.2)*

_____Wall height, unbalanced backfill, nominal thickness *[Tables R404.1.2(1) - R404.1.2(8), R404.1.5.2]*

_____Horizontal and vertical reinforcement size and spacing *[Tables R404.1.2(1) - R404.1.2(8), R404.1.2.2, R404.1.2.3.7]*

_____Stay-in-place forms *(R404.1.2.3.6.1)*

_____SDC C and D provisions *(R404.1.2.4, R404.1.4)*

_____Height above finished grade *(R404.1.6)*

_____Sill plate size *(R404.3)*

_____Precast concrete foundation walls *(R404.5)*

_____Drains required if habitable or usable spaces are below grade* *(R405)*

_____Soil class *(Table R405.1)*

_____Dampproofing if basements are below grade* *(R406.1)*

_____Waterproofing if high water table* *(R406.2)*

* If uninhabitable, see Under-Floor Space *(R408)*

COLUMNS (R407)

_____Protection from decay or corrosion *(R407.1 and R407.2)*

_____Structural requirements *(R407.3)*

_____Anchorage *(R407.3)*

_____Wood columns (minimum 4″ square) *(R407.3)*

_____Steel columns (minimum 3″ diameter, Schedule 40 pipe) *(R407.3)*

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**TABLE R403.1**
**MINIMUM WIDTH OF CONCRETE, PRECAST OR MASONRY FOOTINGS (inches)[a]**

| | LOAD-BEARING VALUE OF SOIL (psf) | | | |
|---|---|---|---|---|
| | **1,500** | **2,000** | **3,000** | **≥4,000** |
| **Conventional light–frame construction** | | | | |
| 1-story | 12 | 12 | 12 | 12 |
| 2-story | 15 | 12 | 12 | 12 |
| 3-story | 23 | 17 | 12 | 12 |
| **4-inch brick veneer over light frame or 8-inch hollow concrete masonry** | | | | |
| 1-story | 12 | 12 | 12 | 12 |
| 2-story | 21 | 16 | 12 | 12 |
| 3-story | 32 | 24 | 16 | 12 |
| **8-inch solid or fully grouted masonry** | | | | |
| 1-story | 16 | 12 | 12 | 12 |
| 2-story | 29 | 21 | 14 | 12 |
| 3-story | 42 | 32 | 21 | 16 |

For SI: 1 inch = 25.4 mm, 1 pound per square foot = 0.0479 kPa.
a. Where minimum footing width is 12 inches, a single wythe of solid or fully grouted 12–inch nominal concrete masonry units is permitted.

## FOUNDATIONS (cont'd.)

UNDER-FLOOR SPACE (R408)

_____ Ventilation *(R408.1 and R408.2)*

_____ Unvented crawl space *(R408.3)*

_____ Access *(R408.4)*

_____ Removal of debris *(R408.5)*

_____ Finished grade *(R408.6)*

_____ Flood resistance *(R408.7)*

## FLOORS (Chapter 5)

WOOD JOISTS AND GIRDERS (R502)

_____ Species and grade *(R502.1)*

_____ Joists—Sleeping areas, LL = 30 psf *[Table R502.3.1(1)]*

_____ Joists—Nonsleeping areas, LL = 40 psf *[Table R502.3.1(2)]*

_____ Cantilevered joists *[Tables R502.3.3(1) and R502.3.3(2)]*

_____ Girder spans and header spans for exterior bearing walls *[Table R502.5(1)]*

_____ Girder spans and header spans for interior bearing walls *[Table R502.5(2)]*

_____ Joists under bearing partitions *(R502.4)*

_____ Bearing (1.5″ minimum on wood or metal; 3″ on masonry or concrete) and lapped joists (3″) *(R502.6, R502.6.1)*

_____ Lateral restraint and bridging *(R502.7, R502.7.1)*

_____ Drilling and notching *(R502.8)*

_____ Fastening *(R502.9)*

_____ Framing of openings *(R502.10)*

_____ Wood trusses *(R502.11)*

_____ Draftstopping *(R502.12)*

LUMBER FLOOR SHEATHING (R503.1)

_____ Allowable span *(Table R503.1)*

_____ End joints *(R503.1.1)*

WOOD STRUCTURAL PANEL SHEATHING (R503.2)

_____ Grade *(R503.2.1)*

_____ Thickness *(R503.2.1)*

_____ Allowable spans *[Tables R503.2.1.1(1) and R503.2.1.1(2)]*

_____ Installation *[Table 602.3(1)]*

PARTICLEBOARD UNDERLAYMENT (R503.3)

_____ Grade *(R503.3.1)*

_____ Thickness *(R503.3.2)*

_____ Installation *[Table R602.3(1)]*

TREATED-WOOD FLOORS (ON GROUND) (R504)

_____ Base course: 4″ thick with maximum $^{3}/_{4}$″ gravel or $^{1}/_{2}$″ crushed stone *(R504.2.1)*

_____ Moisture barrier: placed over base course *(R504.2.2)*

_____ Materials *(R504.3)*

STEEL FLOOR FRAMING (R505)

_____ Cold-formed steel; applicability limits; in-line framing *(R505.1)*

_____ Structural framing *(R505.2)*

_____ Material *(R505.2.1)*

_____ Identification *(R505.2.2)*

_____ Corrosion protection *(R505.2.3)*

_____ Fastening *(R505.2.4)*

_____ Floor construction *(R505.3)*

CONCRETE FLOORS (ON GROUND) (R506)

_____ Thickness: $3^{1}/_{2}$″ minimum; Concrete strength *(R506.1)*

_____ Support: prepared subgrade; maximum earth fill = 8″; maximum sand or gravel fill = 24″ *(R506.2.1)*

_____ Base course: 4″ graded with 2″ maximum aggregate *(R506.2.2)*

_____ Vapor retarder *(R506.2.3)*

_____ Reinforcement support *(R506.2.4)*

DECKS (R507)

_____ Support, attachment *(R507.1 - R507.2.3)*

_____ Wood/plastic materials *(R507.3)*

## WALL CONSTRUCTION (Chapter 6)

GENERAL (R601)

_____Design *(R601.2)*

_____Component and cladding wind loads *[Table R301.2(2)]*

WOOD CONSTRUCTION (R602)

_____Construction *[Figures R602.3(1) and R602.3(2)]*

_____Stud grade *(R602.2)*

_____Exterior walls *(R602.3)*

_____Stud spacing *[R602.3.1, Table R602.3(5)]*

_____Interior load-bearing walls *(R602.4)*

_____Interior nonbearing walls: 2″ × 3″ at 24″ o.c. or 2″ × 4″ flat at 16″ o.c. *(R602.5)*

_____Drilling and notching—studs *(R602.6)*

_____Drilling and notching—top plate *(R602.6.1)*

_____Headers *[Tables R502.5(1), R502.5(2), R602.7.2 and Figure R602.7.2]*

_____Fireblocking *(R602.8, R302.11)*

_____Cripple walls *(R602.9)*

_____Wall bracing, lines, panels *(R602.10.1, R602.10.2)*

_____Required length of bracing, method *[R602.10.3, R602.10.4, Tables R602.10.3(1) and R602.10.3(3)]*

_____Minimum length, connections, support, joints, cripple walls *(R602.10.5 - R602.10.11)*

_____Wall anchorage (SDC C and D) *(R602.11)*

_____Simplified wall bracing *(R602.12)*

STEEL WALL FRAMING (R603)

_____General *(R603.1)*

_____Structural framing *(R603.2)*

_____Material *(R603.2.1)*

_____Identification *(R603.2.2)*

_____Corrosion protection *(R603.2.3)*

_____Fastening *(R603.2.4)*

_____Wall construction *(R603.3 - R603.5)*

_____Headers *(R603.6)*

_____Studs, tracks and structural sheathing *(R603.7 - R603.9)*

SHEATHING (R604 and R605)

_____Wood structural panels *(R604)*

_____Particleboard *(R605)*

MASONRY CONSTRUCTION (R606 - R610)

_____General design *(R606)*

_____SDC C and D *(R606.12)*

_____Unit masonry *(R607)*

_____Multiple-wythe masonry *(R608)*

_____Grouted masonry *(R609)*

_____Glass unit masonry *(R610)*

EXTERIOR CONCRETE WALL CONSTRUCTION (R611)

_____Applicability *(R611.2)*

_____Concrete wall systems *(R611.3)*

_____Stay-in-place forms *(R611.4)*

_____Materials, construction details *(R611.5 - R611.10)*

EXTERIOR WINDOWS & DOORS (R612)

_____General; performance; testing and labeling *(R612)*

STRUCTURAL INSULATED PANEL WALL CONSTRUCTION (R613)

_____Applicability *(R613.2)*

_____Materials *(R613.3)*

_____Wall panels, construction details *(R613.4 - R613.10)*

## WALL COVERING (Chapter 7)

INTERIOR WALL COVERING (R702)

_____Plaster material *(R702.2)*

_____Plaster support *(R702.2.3)*

_____Gypsum board material *(R702.3.1)*

_____Gypsum board support, application and fastening *(R702.3.2 - R702.3.8)*

_____Ceramic tile *(R702.4)*

_____Other finishes *(R702.5 and R702.6)*

_____Vapor retarders *(R702.7)*

EXTERIOR WALL COVERING (R703)

_____Water-resistive barrier *(R703.2)*

_____Wood siding *(R703.3)*

_____Attachment and minimum thickness *(Table R703.4)*

_____ Wood shakes and shingles *(R703.5)*

_____ Exterior plaster *(R703.6)*

_____ Stone & masonry veneer *(R703.7 & Figure R703.7)*; Steel angle lintels-4″ minimum bearing each end *(R703.7.3)*

_____ Veneer ties: #9 U.S. gage wire or #22 U.S. gage by $^{7}/_{8}$″ corrugated metal; horizontal and vertical spacing; 2.67 square feet maximum area supported (wind > 30 psf and SDC C or D, maximum area = 2 square feet) *(R703.7.4.1)*

_____ Flashing *(R703.7.5 and R703.8)*

_____ Exterior insulation and finish systems *(R703.9)*

_____ Fiber cement siding *(R703.10)*

_____ Vinyl siding *(R703.11)*

## ROOF-CEILING CONSTRUCTION (Chapter 8)

GENERAL (R801)

_____Design *(R801.2 and R801.3)*

_____Component and cladding wind loads *[Table R301.2(2)]*

WOOD ROOF FRAMING (R802)

_____Fire-retardant-treated wood *(R802.1.3)*

_____Framing details *(R802.3)*

_____Rafter tie *(R802.3.1)*

_____Collar ties (4″ o.c., in upper third of attic) *(R802.3.1)*

_____Purlins (2″ × 4″ at 4′ o.c. minimum) *(Figure R802.5.1, R802.5.1)*

_____Bearing *(R802.6)*

_____Cutting and notching *(R802.7)*

_____Engineered wood products *(R802.7.2)*

_____Lateral support and bridging *(R802.8)*

_____Framing of openings *(R802.9)*

_____Wood trusses *(R802.10)*

_____Roof tie-down *(R802.11)*

CEILING JOISTS [Tables R802.4(1), R802.4(2)]

_____Without attic storage, LL = 10psf

_____With attic storage LL = 20psf

_____ Spacing

_____ Species and grade

_____ Span

_____ Size

RAFTERS [Tables R802.5.1(1) - R802.5.1(8)]

_____ Ground snow load/LL = 20psf

_____ Controlling design (LL or snow)

_____ Ceiling not attached/ceiling attached

_____ Spacing

_____ Species and grade

_____ Span

_____ Size

_____ $H_C/H_R$; Adjustment factor

ROOF SHEATHING (R803.2)

_____ Grade

_____ Thickness

_____ FRTW allowable stresses/grading

_____ Allowable spans *[Table R503.2.1.1(1)]*

_____ Installation *(R803.2.3)*

## ROOF-CEILING CONSTRUCTION (cont'd.)

STEEL ROOF FRAMING (R804)

_____General *(R804.1)*

_____Structural framing *(R804.2)*

_____Material *(R804.2.1)*

_____Identification *(R804.2.2)*

_____Corrosion protection *(R804.2.3)*

_____Fastening *(R804.2.4)*

_____Roof construction *(R804.3)*

_____Roof tie-down *(R804.3.9)*

ROOF VENTILATION (R806)

_____Ventilation requirements *(R806.1 - R806.5)*

ATTIC ACCESS (R807)

_____Access requirements *(807.1)*

## ROOF ASSEMBLIES (Chapter 9)

ROOF CLASSIFICATION (R902)

_____Roof covering materials *(R902.1)*

WEATHER PROTECTION (R903)

_____Flashing *(R903.2)*

_____Coping *(R903.3)*

_____Roof drainage *(R903.4)*

MATERIALS (R904)

_____Compatibility; specifications; physical characteristics; identification *(R904.2 - R904.4)*

REQUIREMENTS FOR ROOF COVERINGS (R905)

_____Asphalt shingles *(R905.2)*

_____Clay and concrete tile *(R905.3)*

_____Metal roof shingles *(R905.4)*

_____Mineral-surfaced roll roofing *(R905.5)*

_____Slate and slate-type shingles *(R905.6)*

_____Wood shingles *(R905.7)*

_____Wood shakes *(R905.8)*

_____Built-up roofs *(R905.9)*

_____Metal roof panels *(R905.10)*

_____Modified bitumen roofing *(R905.11)*

_____Thermoset single-ply roofing *(R905.12)*

_____Thermoplastic single-ply roofing *(R905.13)*

_____Sprayed polyurethane foam roofing *(R905.14)*

_____Liquid-applied coatings *(R905.15)*

_____Photovoltaic shingles *(R905.16)*

ROOF INSULATION (R906)

_____General *(R906.1)*

REROOFING (R907)

_____Materials and methods *(R907.1)*

_____Structural support *(R907.2)*

_____Recover vs replace *(R907.3)*

## CHIMNEYS AND FIREPLACES (Chapter 10)

MASONRY FIREPLACES (R1001)

_____Construction *(Figure R1001.1 and Table R1001.1)*

_____SDC D reinforcing/anchorage *(R1001.3 and R1001.4)*

_____Firebox walls and dimensions *(R1001.5 and R1001.6)*

_____Steel fireplace units *(R1001.5.1)*

_____Lintel (noncombustible) *(R1001.7)*

_____Hearth extension *(R1001.9, R1001.10)*

_____Fireplace clearance *(R1001.11)*

_____Fireblocking *(R1001.12)*

MASONRY CHIMNEYS (R1003)

_____Construction *(Table R1001.1, R1003.2, R1003.3, and Figure R1001.1)*

_____Corbeling *(R1003.5)*

## CHIMNEYS AND FIREPLACES (cont'd.)

_____Changes in dimension *(R1003.6)*

_____Additional load *(R1003.8)*

_____Termination *(R1003.9)*

_____Spark arrestors *(R1003.9.2)*

_____Wall thickness; ≥ 4″ *(R1003.10)*

_____Flue lining - material/installation *(R1003.11 and R1003.12)*

_____Multiple flues *(R1003.13)*

_____Flue area (appliance) *(R1003.14)*

_____Flue area (masonry fireplace) *(R1003.15)*

_____Inlet *(R1003.16)*

_____Cleanout opening *(R1003.17)*

_____Chimney clearance *(R1003.18)*

_____Fireblocking *(R1003.19)*

_____Chimney crickets *(R1003.20)*

FACTORY-BUILT FIREPLACES (R1004)

_____Listed and labeled *(R1004.1)*

_____Installation *(R1004.2)*

FACTORY-BUILT CHIMNEYS (R1005)

_____Listed and labeled *(R1005.1)*

_____Installation *(R1005.3 and R1005.4)*

EXTERIOR AIR SUPPLY (R1006)

_____Intake size *(R1006.2, R1006.4)*

## ENERGY EFFICIENCY (Chapter 11)

_____Compliance; information *(N1101.5, N1101.8)*

_____Climate zone *(Table N1101.10)*

_____Building thermal envelope *(N1102)*

_____Systems *(N1103)*

_____Electrical *(N1104)*

_____Simulated performance *(N1105)*

## MECHANICAL (Chapters 12-23)

_____Appliance labeling *(M1302, M1303)*

_____Appliance access *(M1305, M1401)*

_____Appliance installation *(M1307)*

_____Heating and cooling equipment; load calculations *(Chapter 14)*

_____Exhaust systems *(Chapter 15)*

_____Duct systems *(Chapter 16)*

_____Combustion air *(Chapter 17)*

_____Chimney and vent location and terminations *(Chapters 10 and 18)*

_____Special equipment *(Chapter 19)*

_____Boilers/water heaters *(Chapter 20)*

_____Hydronic piping *(Chapter 21)*

_____Special piping and storage systems *(Chapter 22)*

_____Solar systems *(Chapter 23)*

_____Penetrations of fire-resistance rated assemblies *(R302.4, R302.5)*

## FUEL GAS (Chapter 24)

_____Application *(G2401.1)*

_____General regulations *(G2404)*

_____Appliance location *(G2406)*

_____Air requirements *(G2407)*

_____Installation *(G2408)*

_____Clearances *(G2409)*

_____Electrical and electrical bonding *(G2410, G2411)*

_____Pipe sizing *(G2413)*

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## FUEL GAS (cont'd)

_____Piping installation *(G2415 and G2419)*

_____Piping support *(G2418 and G2424)*

_____Valves, controls, connections *(G2420, G2421 and G2422)*

_____Venting *(G2425 - G2429)*

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## PLUMBING (Chapters 25-33)

_____Water service location and depth *(P2603, P2604)*

_____Sanitary and storm sewer location and depth *(P2603, P2604)*

_____Piping support *(Table P2605.1)*

_____Listed plastic materials *(P2609)*

_____Plumbing fixtures *(Chapter 27)*

_____Water heater size and location *(Chapter 28)*

_____Water supply and distribution system design and calculations *(Chapter 29)*

_____Dwelling unit fire sprinkler systems *(P2904)*

_____ NFPA 13D system *(P2904.1)*

_____ Temperature rating *(P2904.2.1, P2904.2.2)*

_____ Freezing protection *(P2904.2.3)*

_____ Sprinkler coverage *(P2904.2.4)*

_____ Piping materials *(P2904.3)*

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_____ Water supply capacity *(P2904.5.2)*

_____ Pipe sizing *(P2904.6)*

_____Drain, waste and vent pipe sizing and riser diagram *(P3004, P3005, Chapter 31)*

_____Sumps and ejectors *(P3007)*

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_____Penetrations of fire-resistance rated assemblies *(R302.4, R302.5)*

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_____Penetrations of fire-resistance rated assemblies *(E3402.2)*

_____Listed and labeled materials *(E3403)*

_____Service equipment and location *(E3405, E3601, E3606)*

_____Service size and load calculations *(E3602)*

_____Available fault current *(E3606)*

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_____Required branch circuits *(E3703)*

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_____Ground-fault and arc-fault circuit-interrupter protection *(E3902)*

_____Devices and lighting fixtures *(Chapter 40)*

_____Appliance installation *(Chapter 41)*

_____Swimming pools *(Chapter 42)*

_____Class 2 remote-control, signaling and power-limited circuits (*Chapter 43)*

## MANUFACTURED HOUSING USED AS DWELLINGS (Appendix E)

_____Provisions adopted *(R102.5)*

_____Compliance with Appendix E verified

## RADON CONTROL MEASURES (Appendix F)

_____Provisions adopted *(R102.5)*  _____ Compliance with Appendix F verified

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## SWIMMING POOLS, SPAS AND HOT TUBS (Appendix G)

_____Provisions adopted *(R102.5)*  _____ Compliance with Appendix G verified

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## PATIO COVERS (Appendix H)

_____Provisions adopted *(R102.5)*  _____ Compliance with Appendix H verified

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## PRIVATE SEWAGE DISPOSAL (Appendix I)

_____Provisions adopted *(R102.5)*  _____ Compliance with Appendix I verified

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## EXISTING BUILDINGS AND STRUCTURES (Appendix J)

_____Provisions adopted *(R102.5)*  _____ Compliance with Appendix J verified

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## SOUND TRANSMISSION (Appendix K)

_____Provisions adopted *(R102.5)*  _____ Compliance with Appendix K verified

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## HOME DAY CARE—R-3 OCCUPANCY (Appendix M)

_____Provisions adopted *(R102.5)*  _____ Compliance with Appendix M verified

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## AUTOMATIC VEHICULAR GATES (Appendix O)

_____Provisions adopted *(R102.5)*  _____ Compliance with Appendix O verified

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## NOTES