

**GUIDELINES FOR UCC ONE & TWO FAMILY DWELLINGS
PLAN SUBMISSION (2 COMPLETE SETS)**

DESIGN CRITERIA [TABLE R301.2(1)]

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| 1. Ground snow load - 30 psf | 2. Wind speed - 90 mph |
| 3. Seismic design Category - B | 4. Weathering - severe |
| 5. Frost line depth - 36 inches | 6. Termite - moderate to heavy |
| 7. Decay - slight to moderate | 8. Winter design temperature - 7 degrees |
| 9. Ice shield underlayment - yes | 10. Flood Hazard - local adoption |
| 11. Air freezing index - 1000 | 12. Mean annual temperature - 49 degrees |

BUILDING SITE PLAN

1. Size and location of all new construction and all existing structures on site and distances from lot lines.
2. Location of any right-of-ways and or easements
3. Established street grades and proposed finished grades.
4. View of all sides of the structure.
5. Cross sectional view from footing to top of roof.
6. Location of a private sewage disposal system and private well for potable water or the location of public sewage and water lines.

FOUNDATION AND FRAMING PLAN

1. Footings - size, thickness and depth below grade.
2. Isolated piers - size and thickness of bearing and type and spacing of columns.
3. Reinforcement (if used in footings, piers or foundation walls) - size of reinforcement.
4. Foundation wall - type of construction (block, pored, pre-formed) size, height of backfill, method of dampproofing, type of mortar. Pre-formed - type and thickness of base material.
5. Foundation drains - type of pipe material, location and termination.
6. Sill plate - material, size, method of anchoring and spacing.
7. Basement/Garage slabs - construction method (depth of stone base, vapor barrier, depth of concrete.
8. Floor joist & Girders- species and grade of wood, size, spacing, span and bearing.
9. Floor sheathing - type and thickness.
10. Wall framing - size and spacing on all floors and method of corner bracing.
11. Headers/Lintels - size and span.
12. Rafters - species and grade of wood, size, spacing, pitch and method of bracing.
13. Roof trusses - copy of manufacturer's specification and installation sheet.
14. Attic ventilation - method used and size of access.
15. Roof covering - type of material
16. Stairways - dimensions of stairway width, height of headroom, tread rise, width of tread, depth of nosing, height and spacing of balustrades and height of handrails.
17. Guardrails - height of guardrail from walking surface and spacing of balustrades.
18. Crawl spaces - height of framing members above exposed earth, vapor barrier, ventilation and size of access opening.

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INTERIOR FLOOR PLAN

1. Floor areas - top view of all floors with dimensions including hallways and doors and the identification of each area or space.
2. Electrical - location of service, disconnect panel, and lighting plan for all floor areas.
3. Smoke detector - location and power supply (normal and battery interconnected).
4. Windows (egress) - size, type, U value and manufacture.
5. Safety glazing - indication where safety glazing is proposed.
6. Bathroom - method of ventilation (switched fan/light or window).
7. Fire separation - wall composition between garage and habitable spaces.
8. Plumbing - methods, materials and installation details.
9. Mechanical - size of ducts, materials and installation details.
10. Fireplace - type of material and details.
11. Chimney - footing size and thickness, firestopping, construction details.
12. Heating appliances - listing information and clearance to combustibles.
13. Energy efficiency - method used [IRC Chapter 11 or PHRC Alternative to Chapter 11, or IECC (Chapter 4 or 5 or 6)], listing of R-values and manufacturer glazing U-factor.
14. Engineered components - registered design professional's seal required for the following when used for structural applications:
 - a. Steel beams, steel headers, steel lintels and steel columns.
 - b. Manufactured wood beams or girders.
 - c. Field assembled wood beams that include plywood or steel.
 - d. Roof and floor trusses.
 - e. Manufactured foundation systems.
 - f. Light gauge steel wall and/or floor systems.