

RESIDENTIAL BUILDING PLAN REQUIRED SUBMITTAL CHECKLIST

- ☐ **SITE PLAN:** Refer to Residential Site Plan Guide
- ☐ **BUILDING PLAN:** Drawn/drafted to scale with the information described below, as applicable
- ☐ **TRUSS SPECIFICATIONS and BEAM CALCULATIONS**
- ☐ **FOOTING SIZE CALCULATIONS:** Calculator available at <http://www.spokanecounty.org/500/Building-Permit-Tips>
- ☐ **MECHANICAL & VENTILATION FORM:** Available at <http://www.spokanecounty.org/bp/content.aspx?c=2312>
- ☐ **WSEC ENERGY COMPLIANCE FORMS:** <http://www.energy.wsu.edu/BuildingEfficiency/EnergyCode.aspx#EnergyCodeWorksheets>

2015 International Residential Code

☐ **ELEVATIONS**

- ☐ Show front/rear/sides of proposed building
- ☐ Identify roof peak and wall heights (incl. basement)

☐ **FOUNDATION PLAN**

- ☐ Identify crawlspace, basement or slab on grade
- ☐ Footing sizes and locations for loads
- ☐ Horizontal & vertical reinforcement sizes/spacing for soil types/conditions
- ☐ Supporting wood cripple walls or beams, sizes/spans
- ☐ Concrete foundation wall sizes
- ☐ Concrete pad sizes for beams or girder trusses
- ☐ Crawlspace ventilation locations/sizes
- ☐ Radon mitigation system *IRC Appendix F*

☐ **FLOOR FRAMING PLAN** of each level:

- ☐ Floor joist direction, size and spacing
- ☐ Floor joist protection if required
- ☐ Header, beam sizes/spans

☐ **ROOF FRAMING PLAN**

- ☐ Eng. truss direction/spacing/connection
- ☐ Rafter direction/spacing/connection
- ☐ Over framing and sizes
- ☐ Ridge, eave and valley lines
- ☐ Header/girder/beam sizes/spans
- ☐ Roof and ceiling slope
- ☐ Roofing/underlayment/ice dam protection
- ☐ Attic insulation/baffles/ventilation

☐ **BUILDING CROSS-SECTION DETAIL** showing:

- ☐ Roof
- ☐ Ceiling
- ☐ Wall
- ☐ Insulation
- ☐ Vapor barrier
- ☐ Floor(s)
- ☐ Foundation Wall
- ☐ Footing

HELPFUL LINKS WHEN PREPARING YOUR CONSTRUCTION PLANS:

- International Code Council free eCode: <http://premiumaccess.iccsafe.org/document/toc/272/>
- Washington State Building Code Council: <https://fortress.wa.gov/ga/apps/sbcc/Page.aspx?nid=14>
- Spokane County Code: <http://www.spokanecounty.org/bp/content.aspx?c=2336>

FLOOR PLAN of each level:

- ☐ Identify finished or unfinished areas
- ☐ Identify dimensions of each room or area
- ☐ Window & door location, sizes, safety glazing, egress
- ☐ Window well locations/specs, if applicable
- ☐ Label use of each room/area
- ☐ Water heater location
- ☐ Furnace location
- ☐ Smoke/CO detector locations
- ☐ Whole house ventilation location
- ☐ Exhaust fan locations/CFM
- ☐ Attic/crawl space access locations/sizes
- ☐ Deck or concrete patio sizes and locations
- ☐ Fire resistant wall construction
- ☐ Braced wall panel locations/method, sizes, spacing, nailing, blocking, etc.

☐ **MISCELLANEOUS CONSTRUCTION DETAILS**

Decks/Patios

- ☐ Floor plan with dimensions
- ☐ Elevations (front- and side-view)
- ☐ Footings/posts/beam size/spans and locations
- ☐ Joist/decking direction/size/spacing/spans
- ☐ Fasteners/attachment, lateral stability to structure

Stairways (interior and exterior)

- ☐ Stair tread rise/run/nosing dimensions
- ☐ Handrail height and picket spacing
- ☐ Guard height and picket spacing

☐ **ENERGY CODE PACKET**

- ☐ Prescriptive / Component Performance worksheet
- ☐ Glazing (window/skylight) schedule worksheet
- ☐ Heating system sizing worksheet