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
PLUMBING APPLICATION
MECHANICAL APPLICATION 2015 International Residential Code

ELEVATIONS
- Show front/rear/sides of proposed building
- Identify roof peak and wall heights (include 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

FLOOR FRAMING PLAN of each level:
- Floor joist direction, size and spacing
- Floor joist protection if required
- Header, beam sizes/spans, calc’s as needed

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

STAIRWAYS (interior and exterior)
- Stair tread rise/run/nosing dimensions
- Handrail height and picket spacing
- Guard height and picket spacing

BUILDING-CROSS-SECTION DETAIL showing:
- Roof
- Ceiling
- Wall
- Insulation
- Vapor barrier
- Floor(s)
- Foundation Wall
- Footing

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.
ENERGY CODE PACKET
- Prescriptive/Component Performance worksheet
- Glazing (window/skylight) schedule worksheet
- Heating system sizing worksheet

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

OTHER BROCHURES THAT MAY BE HELPFUL
- BP-6 Residential Building Permits
- BP-7 Sewer Connection Permits
- BP-17 Driveways
- BP-18 Wildland Urban Interface
- BP-19 Erosion and Sediment Control
- BP-19a Erosion and Sediment Control Techniques
- BP-31 Rules, Regulations, and Red Tape
- BP-39 Addressing
- BP-40 Information Directory
- BP-51 Application Submittal Requirements
- BP-52 Permit Processing Time Savers
- PW-2 Working Near Surface Water and Wetlands in Spokane County

For more information or an appointment contact:
Spokane County
Department of Building & Planning
1026 West Broadway Avenue
Spokane, WA  99260-0050
(509) 477-3675  bp@spokanecounty.org
http://www.spokanecounty.org/247/

HELPFUL LINKS WHEN PREPARING YOUR CONSTRUCTION PLANS
- Spokane County Code:  http://www.spokanecounty.org/bp/content/aspx?c+2336

Please note that while every effort is made to assure the accuracy of the information contained in this brochure it is not warranted for accuracy. This document is not intended to address all aspects or regulatory requirements for a project and should serve as a starting point for your investigation. For detailed information on a particular project, permit, or code requirement refer directly to applicable file and/or code/regulatory documents or contact the appropriate division or staff.