

# Residential Plan Review Drawing Requirements

## New, Additions, Remodels, Decks and Detached Garage

Provide Two Complete Sets of Drawings at a 1/4" per 1'0" Minimum Scale  
(NO COLORED DRAWINGS)

\_\_\_\_\_ (1) **Site Plan**

Minimum Scale: 1/8" or 1/20<sup>th</sup> = 1'0"  
Residence Address  
Legal Description  
Property Lines and Dimensions from Side, Front and Rear Yards  
All Site Improvements Including:  
Existing Construction  
New Construction  
Patios and Decks

\_\_\_\_\_ (2) **Foundation Plan**

Show the Type of Foundation to be Used and Dimensions  
Indicate Basement or Crawl Space  
Indicate Mechanical Equipment Location  
Conditioned Crawl Space, Provide Detail Showing Compliance with IECC 2012  
Show alternate bracing where required  
Foundation Drainage Plan  
Water-proofing Basements & Crawl Spaces

\_\_\_\_\_ (3) **Floor Plan**

Provide a Complete Architectural Floor Plan of Each Level Including Basement  
Show All Interior Partitions and Dimensions  
Label Proposed Use of All Rooms or Areas  
Location of All Windows, Doors and their Dimensions, Including the Type of Window  
Indicate Window Well If Basement Egress  
Indicate Any Mechanical Equipment Location, Furnace and Water Heater  
Attic Access, Location and Size  
Crawl Space Access, Location and Size  
Smoke Detector Locations  
Safety Glazing

\_\_\_\_\_ (4) **Exterior Elevations**

Illustrate All Sides of the Building per Scale  
Finish Grade  
Roof Slope  
Building Height

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- \_\_\_\_\_ (5) **Stair Section** (if applicable)  
Provide a Stair Section If Applicable  
Show Rise and Run Dimensions, Headroom Height & Width  
Handrail and Guardrail Location and Heights
- \_\_\_\_\_ (6) **Floor Framing Plan**  
One Complete Structural Plan per Floor Identifying:  
Framing Material, Type of Material, Spacing  
Support Headers and Sizes  
Support Post & connectors  
Bearing Walls, Required Shear Panels
- \_\_\_\_\_ (7) **Roof Framing Plan**  
A Complete Structural Plan Identifying:  
Framing Material  
Trusses, Provide Engineering  
Rafters, Type of Material, Size and Spacing  
Bearing Walls  
Attic Ventilation  
Uplift Connectors
- \_\_\_\_\_ (8) **Wall Section** (from bottom of footing to roof peak)  
Detail to Show Complete Foundation Detail  
Size of Footing and Foundation Detail  
Anchor Bolts Size and Location  
Exterior Wall Framing Including:  
Stud Size and Spacing  
Header Type and Size for Exterior Openings  
Truss Blocking
- \_\_\_\_\_ (9) **Energy Requirements**  
Provide Information Showing the Insulation Requirements  
Throughout the Structure, Attic Space, Exterior Walls and Foundation or  
Floor System. Insulation per Department of Energy  
[www.energycodes.gov](http://www.energycodes.gov) Res-Check 2012 or Prescriptive Method IECC  
2012
- \_\_\_\_\_ (10) **Stormwater Permit** (see <http://www.kalispell.com/publicworks>)
- \_\_\_\_\_ (11) **Mechanical Requirements**  
Show the Type, BTU Rating and Location of Each Fuel Gas Fixture  
Provide the Heat-Loss Calculations  
Provide a Fuel Gas Piping Diagram, Showing Type or Gas Pipe to be  
Used, BTU Rating of the Fixtures and the Gas Pipe Sizing