



**SINGLE FAMILY PERMIT
SUBMITTAL CHECKLIST**

I. APPLICATION DOCUMENTS AND/OR INFORMATION

<p>This checklist has been designed to provide a brief overview of the City's submittal requirements for all written documentation. For a comprehensive list of requirements, please review the remainder of this guide. Please note that applications missing one or more of the items listed are considered incomplete and may delay the permit review process.</p>			
<p>Check each box under the Applicant heading on this checklist to confirm that items are included in your submittal. The permit technician will check off each box under staff when the item is confirmed as included in the submittal package.</p>			
<p>APPLICATION DOCUMENTS</p>			
Staff	Applicant	Qty	Document Required
		1	Completed and signed Building Permit Application
		1	Legal Description of the site-include the parcel#
		1	Water Availability Certificate
		1	Sewer Availability Certificate
		1	Residential Sewer Use Certification form
		1	King County Approved Septic System, if applicable
		1	Utility Application
		1	Storm Water Infiltration Design and location – (Location and design detail can be shown on site plan if space allows)
		2	Structural Calculations
		2	Geotechnical Design Report, if required
		1	WA State Energy Code Compliance form
		1	Copy of Washington State Contractor's License
		1	Clearing & Grading Application, if applicable
		1	Sensitive Area Identification Form
		1	Dept of Ecology-Construction Stormwater General if proposed construction disturbs more than 1 acre (see WA State DOE publications 07-10-044)
		-	Architect/Engineer of Record wet stamp – If prepared by an Architect/Engineer. ALL SHEETS or calculations must be stamped.
<p>PLANS, DRAWINGS AND FEES (see section II for more info)</p>			
		2	Submit full plan sets (<i>including full size site plans</i>)
		3	Submit reduced copy of site plan (8 ½ x 11 or 11x17)
		-	Plan check fee deposit due at submittal, remaining fees at permit issuance

II. PLANS AND DRAWINGS (Submit 2 full sized sets of plans including site plans, unless specified otherwise.)

A. Format

All drawings submitted shall conform to the following requirements:

1. Sheet size: 18"x24" or 24"x36" or 30"x42"
2. Title Block: Locate on right hand margin and provide:
 - a. Project/Owner name
 - b. Drawing title and drawing number
 - c. Revision block
 - d. Project address
 - e. Parcel Number
 - f. Name, address, and phone of firm or contact responsible for the drawing
3. Scale:
 - a. Unless site size dictates a different scale, site (civil) drawings shall be 1"=10'
 - b. Architectural plans shall be 1/4"=1'-0" unless impractical
4. North arrow - All drawings shall include a north arrow.

B. Description of submittal drawings

1. Site Plan

- a. Indicate scale by bar graph.
- b. Property lines: Show the location and dimension.
- c. Easements: Show the location for all existing and proposed utility, open space, drainage, native growth protection and access easements and/or private roads; draw to scale and accurately dimension. Show all Tracts.
- d. Existing and proposed structures: Show location, dimension and use of all existing and proposed buildings and structures on the site; show distances to property lines from closest point including projections.
- e. Land use code setbacks: Show front, side, rear and street setbacks (if applicable). Designate which are the front, side, and rear property lines.
- f. Rockeries, block walls and fences: Indicate location, length and height.
- g. Streets and alleys: Show location, name or number of all streets and alleys adjacent to the site. Show edge of pavement, curb, gutter, sidewalk, street trees, and any other road appurtenances.
- h. Driveway approach, Driveway and parking: Show location of on-site parking and driveway, type (asphalt, concrete, or gravel), and finished slope of driveways.
- i. Adjacent R.O.W.
- j. Spot elevations and topography: Show surface elevation at each corner of the site and at the corner of structure base. Show existing and proposed contours at 5' intervals (contour lines should be light toned).
- k. Footings on or adjacent to slopes must comply with International Residential Code R403.1.7 Indicate all existing and proposed retaining structures and/or rockeries with top and bottom elevations. Show maximum heights above and below grade.
- l. Show where all roof, footing, driveway, and other drains will be connected and/or disposed of. Footing and roof drains must run separately until the

point of connection to the infiltration system. Show design and calculations for size.

- m. Erosion sedimentation plan may be included on copies of site plan. Show how sediment and erosion shall be kept from leaving the building site.
- n. Show demolition and additions, if applicable.
- o. Show existing trees to scale, noting type and size, and trees to be removed, if applicable.
- p. Show architectural features that project into the setback, including chimneys, flues, belt courses, sills, pilasters, ornamental features, cornices, eaves, gutters, dormer extensions, greenhouse or bay windows, and similar features. Decks, porches, patios, walkways, and other minor structural elements may intrude into a setback; show the distance to the property line and height of these elements.
- q. Show dimensions of garages and all other proposed parking areas. Indicate proposed tandem parking.
- r. Impervious Surface: show the locations and dimensions of all impervious surfaces, including driveways, walkways, decks and sheds. Show total lot size, total impervious surface area (new and existing).
- s. Show all proposed and existing utilities, including the locations of sewer, water, electricity and gas lines, and any underground storage tanks, drainfields and reserve drainfield areas.
- t. Show location of the nearest fire hydrant and its distance from the house.
- u. If present, critical areas on site, adjacent to or within 200 feet (such as wetlands, slopes, top and toe of slope, rivers, streams, etc)
- v. If present, any surface waters within 200 feet of property.

2. Floor Plan (must match the orientation of the site plan)

- a. Give square footage for each floor, including decks and garages.
Ex. Building Data: (Square footage breakdown for this project)
Living area ___ No of Stories ___
Deck ___ Lot Sq Ft ___
Garage ___ % of lot cover ___
Carport ___ Bldg Height ___
Unfinished Basement ___
- b. Floor layout: Show arrangement of walls, note proposed use and dimensions of all rooms; show stairs, hallways, restrooms, and decks.
- c. Windows and doors: Show location and dimensions of all windows, doors and skylights and indicate opening direction and size.
- d. Fixture location: Show location of hot water heater, heating unit, fans, smoke detectors, bathroom fixtures, mechanical equipment, etc.

3. Elevations

- a. Show elevations from north, south, east and west; provide finished floor level for each floor; show existing and proposed grades; show maximum building height; show maximum site slope.
- b. Roof: Show roof overhangs and chimney clearances from roof. Indicate pitch of roof.
- c. Siding: Note exterior siding and roof covering.

- d. Openings: Show doors, windows, skylights, sliders or other type of openable vents in windows.
- e. Decks and porches: Indicate height of guardrails and spacing of intermediate railing. Show rise/run of stairs with handrail grasp dimension and height above nosing of stair tread.

4. Door and Window

- a. Show door size and type for doors between the garage and dwelling.
- b. Show window size, opening and direction and size
- c. Show bedroom egress window location, clear open size, sill height, and type of opening, i.e., slider, casement, etc.
- d. Show location of safety glazing on windows and doors.

5. Foundation

- a. Foundation Wall: Show Foundation Plan, shape, all dimensions; include maximum wall height(s) and all connections. Provide typical foundation sections at various points around the foundation system.
- b. Show typical foundation and floor section with all materials labeled; show size and spacing of all members; all dimensions, wall thickness, reinforcing bar size and spacing, reinforcing bar.
- c. Posts and footings: show location and size of beams, posts, interior footings and their dimensions and connections.
- d. Crawl spaces: If crawl space is included, show location and size of all vents, access size and location.
- e. Floor Joists: Show floor joist size, spacing, direction, support, connections, blocking, etc.
- f. Other Spaces: Show and label space within foundation (i.e. basement, garage, recreation room)
- g. Retaining Walls: Retaining structures in excess of 4' in height (measured from bottom of footing to top of wall) require engineered design with calculations. Design must be stamped by a Washington State Engineer.
- h. Clearance, footing depth below grade, clearance between grade and sill plate, maximum wall height, connections, anchor bolt size and spacing, connection between floor diaphragm and foundation, slab thickness, slab or floor insulation, drainage for foundation retaining wall.
- i. Engineered Foundation: Stamped engineered plans with calculations are required for non-conventional foundation systems and/or sites with special soils conditions.

6. Roof, Deck and Floor Framing Plans

- a. Roof, Floor and Deck Joists: Show joist size, spacing, direction, support, connections, blocking, etc.
- b. Show typical roof section with all materials labeled; indicate size and spacing of all members; include all dimensions, venting, insulation, and connections.
- c. Show all connection details, including post-beam, post-footing, collar tie, etc. Note: Roof collar tie details require engineered calculations to be submitted.

7. Architectural Cross Sections and Details

- a. Provide framing section: show floor, wall, roof framing members size and spacing; show insulation and all materials used on interior.
- b. Show header sizes for all openings in bearing walls and all openings exceeding 4'-0" in any way.

8. Structural Notes

- a. Specify all design load values, including dead, live, snow, wind, lateral retaining wall pressures and soil bearing values.
- b. Specify minimum design concrete strength, concrete sack mix, and reinforcing bar grade.
- c. Specify the grade and species of all framing lumber.
- d. Specify the combination symbol (strength) of all GLU-LAM beams.
- e. Specify metal connectors, including joist hangers, clips, post caps, post bases, etc.

9. Lateral (Seismic) Design

- a. Provide lateral Wind and Seismic calculation comparison.
- b. Provide complete lateral calculation analysis for controlling wind or seismic load.
- c. Provide details showing complete load path transfer at roof perimeter, interior shear walls, cantilevered floors, off set shear walls, and ceiling diaphragm to shear walls (if used).
- d. Engineer's stamp required on drawing and calculations.
- e. Provide shear wall schedule noting nail spacing, blocking, bolts, top and bottom plate nailing and shear wall capacities on the plans.
- f. Locate hold down straps on plan.
- g. Provide hold down details for various conditions.

10. Energy Code Compliance

Show insulation R values in appropriate places on architectural sections and u-value of windows and skylights.

11. Stair Section

Show a section of the stairs, include framing anchor connection of stringer to floor framing, rise, run, handrail height, and grasp dimensions, distance between any intermediate rails, fire blocking, minimum head room and landing size. Also specify a minimum one-hour fire protection for usable space under stairs.

PLEASE REFER TO THE CURRENT ADOPTED EDITION OF THE INTERNATIONAL RESIDENTIAL CODE, CITY OF BLACK DIAMOND ORDINANCES, AND INFORMATION BROCHURES FOR CODE REQUIREMENTS.