

CROSS SECTIONS AND DETAILS

8/9/2016

You are responsible for verifying and accurately depicting all locations and dimensions of property lines; setback distances; and the location and width of streets, rights-of-way, and easements. The City may require additional information as needed. For preparation information, see *Standards for Plans and Drawings*. If you have any questions concerning your application submittal, please visit or call Permit Processing (425-452-4898) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Assistance for the hearing impaired: Dial 711.

Commercial Building Permits:

1. Show typical wall and floor sections with all materials labeled. Indicate size, spacing, and structural grading of all members. Include all dimensions. Show insulation, sheathing, connections, siding, etc. Show wall/floor assemblies and fire resistive ratings. Call out approval agency and listing number for rated assembly.
2. Show a typical roof section with all materials labeled. Indicate size, spacing, and grading of all members. Include all dimensions, venting, insulation, connections, sheathing, type of roofing, and slope of roof. Show scupper, overflow, and downspout locations and details.
3. Show a typical foundation section with all materials labeled. Indicate size and spacing of all members and all dimensions. Include foundation wall thickness, reinforcing bar size and spacing, reinforcing bar 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, and drainage for foundation retaining wall.
4. Show all vertical and horizontal fire barriers and/or fire wall assemblies.
5. Show all connection details, including post-beam, post-footing, wall-footing, wall-ceiling, wall-roof, collar ties, strong backs, etc. Interior nonbearing walls should be braced to structure above at not less than 8' o.c.
6. Provide cross sections and details as necessary to show how access by disabled persons will be provided (refer to the *International Building Code, Chapter 11* including state amendments).
7. Show a section of the stairs. Include rise, run, handrail height, and grasp dimensions; distance between any intermediate rails; fire blocking; minimum headroom; and landing size. Specify a minimum one-hour fire protection for usable space under the stairs.

Tenant Improvement Permits:

1. Show typical construction of interior walls and one-hour corridors (wall and ceiling).
2. Show typical construction of walls, ceiling assemblies and connections. Include wall and ceiling ratings, material type and thickness, size and spacing, etc.; for fire-resistive construction, indicate *UL*, *ESR*, or *ICC* assembly approval number.

(OVER)

3. Provide seismic bracing details for suspended ceilings, lighting fixtures, and mechanical equipment per ASTM 635 and 636. Suspended ceilings shall be seismically braced by an engineered design or Cisca guidelines. IBC Sec. 808.1.1.1.
4. Show all vertical and horizontal fire barriers and/or fire wall assemblies.
5. Provide cross sections and details as necessary to show how access by disabled persons will be provided (refer to the *International Building Code, Chapter 11 including state amendments*).

Single-Family Building Permits:

1. Show a typical wall section with all materials labeled. Indicate size, spacing, and structural grading of all members. Include all dimensions. Show insulation, sheathing, connections, siding, weather resistive and vapor barriers, interior wall coverings, etc.
2. Show a typical roof section with all materials labeled. Indicate size, spacing, and grading of all members. Include all dimensions, venting, insulation, connections, sheathing, type of roofing, and slope of roof. Show scupper, overflow, and downspout locations and details.
3. Show a section of the fireplace, including hearth and hearth extension. Include dimensions, materials, clearance from combustibles, and height above roof, reinforcing, seismic anchorage, and foundation details.
4. Show all connection details, including post-beam, post-footing, wall-footing, wall-ceiling, wall-roof, collar ties, strong backs, etc.
5. Show a section of the stairs. Include rise, run, and handrail height and grasp dimensions; distance between any intermediate rails; fire blocking; minimum headroom; and landing size. Specify a minimum ½-inch gypsum board protection for enclosed, usable space under the stairs.