The 2009 Washington State Energy Code Table 6-2 for Climate Zone 2 gives several options for meeting the prescriptive insulation and energy code requirements. Options II & III require R-19 wall cavity insulation and R-5 foam sheathing.

The 2009 Washington State Energy Code, under Section 103, allows for a means of using alternate materials and methods of construction, design, or insulating systems per the building official’s approval as meeting the intent of code. “The building official may approve any such alternate provided he finds the proposed alternate meets or exceeds the provisions of this Code and that the material, method, design or work offered is for the purpose intended, at least the equivalent of that prescribed in this Code, in quality, strength, effectiveness, fire-resistance, durability, safety and efficient use and conservation of energy.”

Kittitas County will accept an alternative R-24 wall cavity insulation assembly with an architect or engineer’s wet stamped design, if the construction assembly detail and supporting documentation is capable of demonstrating that the alternative material(s) and design meets the intent of code for a R-19 + R-5 foam assembly (2009 WSEC Table 6-2 for Climate Zone 2 Option II or III).

Typically bib style fill insulation or spray applied foam insulation can be allowed as an alternative.

The architect or engineer shall address and provide the following:
- A construction assembly with product and/or material specifications provided.
- The architect or engineer of record, shall address in writing, with reference made to the construction detail listed above, that the wall assembly meets the intent of code in lieu of 2009 WSEC Table 6-2 for Climate Zone 2 Option II or III R-19 + R-5 foam as an alternative means and method design per 2009 WSEC Section 103 & 104.

DATE: 03/14/12  
BUILDING OFFICIAL: [Signature]