



KITTITAS COUNTY
COMMUNITY DEVELOPMENT SERVICES
411 NORTH RUBY STREET SUITE #2 ■ ELLENSBURG, WA 98926
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ITEM

CONDITIONED CRAWLSPACES 2018 I-CODE

FOR MORE INFORMATION VISIT THE CDS WEBSITE AT: WWW.CO.KITTITAS.WA.US/CDS

Kittitas County will allow a conditioned crawlspace and give the one (1) point energy credit when moving the heating/cooling ducts to the conditioned crawlspace under the 2018 Residential and Energy Codes. The following is required to be shown on the construction drawings submitted for permit:

1. Full R-10 insulation on crawlspace floor with thermal barrier. (Some brands of foam board or spray foam can be used without a thermal barrier if they meet testing per NFPA 286 with the acceptance criteria of Section R302.9.4, FM 4880, UL 1040 or UL 1715. An actual test report or an ICC-ES evaluation report is required to prove code compliance.)
2. Class I vapor barrier with sealed seams or a 2" concrete rat slab over the insulation.
3. Radon mitigation (as is already being done in unvented crawlspaces).
4. R-15 insulation up the footing and on the stemwall into the rim joist. This can be spray foam or rigid insulation but both require a thermal barrier unless meeting the requirements listed in number 1 above per NFPA 286.
5. A mechanical exhaust fan rated to run continuously and vented to the exterior with 1 cfm per 50 sq ft of crawlspace.
6. No insulation in the floor joist cavity.
7. A low point area with automatic sump pump to exterior in case of water intrusion.

All the above must meet Chapters 3, 4 and Appendix F of the 2018 IRC.

DATE: 3/11/21

BUILDING OFFICIAL: *MIKE FLOPY*