

| VILLAGE OF RUIDOSO RESIDENTIAL THERMAL BYPASS INSPECTION CHECKLIST <b style="color: red;">TO BE COMPLETED AND PROVIDED TO THE INSPECTOR AT THE INSULATION INSPECTION | | | | | |
|--|--|--------------------|------------------|----------------|--|
| Project Address: _____ : LOCATION (<input checked="" type="checkbox"/> one) VILLAGE OF RUIDOSO ___ OR LINCOLN COUNTY ___ | | | | | |
| Thermal Bypass | Inspection Guidelines | Corrections Needed | Builder Verified | Rater Verified | |
| I. Overall Air Barrier and Thermal Barrier Alignment | Requirements: Insulation shall be installed in full contact with sealed interior and exterior air barrier except for alternate to interior air barrier under item no. 2 (<i>Walls Adjoining Exterior Walls or Unconditioned Spaces</i>) | | | | |
| | Climate Zone: 5B | | | | |
| | 1.1 Overall Alignment Throughout Home; | YIN | YIN | YIN | |
| | 1.2 Garage Band Joist Air Barrier (at bays adjoining conditioned space) | YIN | YIN | YIN | |
| | 1.3 Attic Eave Baffles Where Vents/Leakage Exist | YIN | YIN | YIN | |
| Only at Climate Zones 4 and Higher: | | | | | |
| | 1.4 Slab-edge Insulation (A maximum of 25% of the slab edge may be uninsulated in Climate Zones 4 and 5.) R-10, 2" | YIN | YIN | YIN | |
| 2. Walls Adjoining Exterior Walls or Unconditioned Spaces | Requirements: Fully insulated wall aligned with air barrier at both interior and exterior, OR | | | | |
| | 2.1 Wall Behind Shower/Tub | YIN | YIN | YIN | |
| | 2.2 Wall Behind Fireplace | YIN | YIN | YIN | |
| | 2.3 Insulated Attic Slopes/Walls | YIN | YIN | YIN | |
| | 2.4 Attic Knee Walls | YIN | YIN | YIN | |
| | 2.5 Skylight Shaft Walls | YIN | YIN | YIN | |
| | 2.6 Wall Adjoining Porch Roof | YIN | YIN | YIN | |
| | 2.7 Staircase Walls | YIN | YIN | YIN | |
| | 2.8 Double Walls | YIN | YIN | YIN | |
| 3. Floors between Conditioned and Exterior Spaces | Requirements: Air barrier is installed at any exposed fibrous insulation edges Insulation is installed to maintain permanent contact with sub-floor above including necessary supports (e.g., staves for blankets, netting for blown-in) Blanket insulation is verified to have no gaps, voids, or compression. Blown-in insulation is verified to have proper density with firm packing | | | | |
| | 3.1 Insulated Floor Above Garage | YIN | YIN | YIN | |
| | 3.2 Cantilevered Floor | YIN | YIN | YIN | |
| 4. Shafts | Requirements: Openings to unconditioned space are fully sealed with solid blocking or flashing and any remaining gaps are sealed with caulk or foam (provide fire-rated collars and caulking where required) | | | | |
| | 4.1 Duct Shaft | YIN | Y/N | Y/N | |
| | 4.2 Piping Shaft/Penetrations | YIN | YIN | YIN | |
| | 4.3 Flue Shaft | YIN | YIN | YIN | |
| 5. Attic/Ceiling Interface | Requirements: All attic penetrations and dropped ceilings include a full interior air barrier aligned with insulation with any gaps fully sealed with caulk, foam or tape Movable insulation fits snugly in opening and air barrier is fully gasketed | | | | |
| | 5.1 Attic Access Panel (fully gasketed and insulated) | YIN | YIN | YIN | |
| | 5.2 Attic Drop-down Stair (fully gasketed and insulated) | YIN | YIN | YIN | |
| | 5.3 Dropped Ceiling/Soffit (full air barrier aligned with insulation) | Y/N | YIN | YIN | |
| | 5.4 Recessed Lighting Fixtures (ICAT labeled and sealed to drywall) | Y/N | YIN | YIN | |
| | 5.5 Whole-house Fan (insulated cover gasketed to the opening) | YIN | YIN | YIN | |
| 6. Common Walls Between Dwelling Units | Requirements: Gap between drywall shaft wall (i.e., common wall) and the structural framing between units is fully sealed at all exterior boundary conditions | | | | |
| | 6.1 Common Wall Between Dwelling Units | YIN | YIN | YIN | |
| Inspected by: (<input checked="" type="checkbox"/> one) Energy Rater ___ OR ___ Builder Inspection Date: ___/___/___ | | | | | |
| Company/Entity Name: _____ | | | | | |
| Signature: _____ Printed Name: _____ | | | | | |