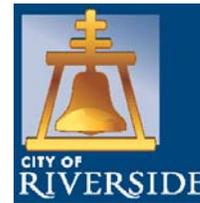




**City of Riverside  
Building & Safety Division  
E-Inspection Compliance and Certification Form**



**Water Heater Replacement E-Inspection Program**

**IMPORTANT!** Completion and submittal of this form is required in order to pass inspections and finalize your water heater replacement permit. Incomplete or non-legible forms will not be accepted. Please refer to the City of Riverside Water Heater Installation guidelines on the reverse side of this form concerning a variety of code requirements that must be met.

**INSTRUCTIONS:**

-  **A.** Verify each item below (1 - 7), then sign and complete form. Photograph form when completed.
-  **B.** Photograph the water heater installation features as identified by the camera icons below.
- C.** E-mail the photos identified in items A, B, and C above, to [Einspection@riversideca.gov](mailto:Einspection@riversideca.gov). In the "Subject" line of the E-mail, identify the permit number (i.e. 12-1234)
- D.** The City Building Inspector will send you an Email reply as soon as the photo inspection process is completed. The Building Inspector will identify if the permit is *Finalled* or if any additional information or corrections are required. If the permit is Finalled, print a copy of the returned Email from the Building Inspector as proof of Final Inspection by the City (in lieu of a signed job card signature).

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**INSTALLATION VERIFICATION**

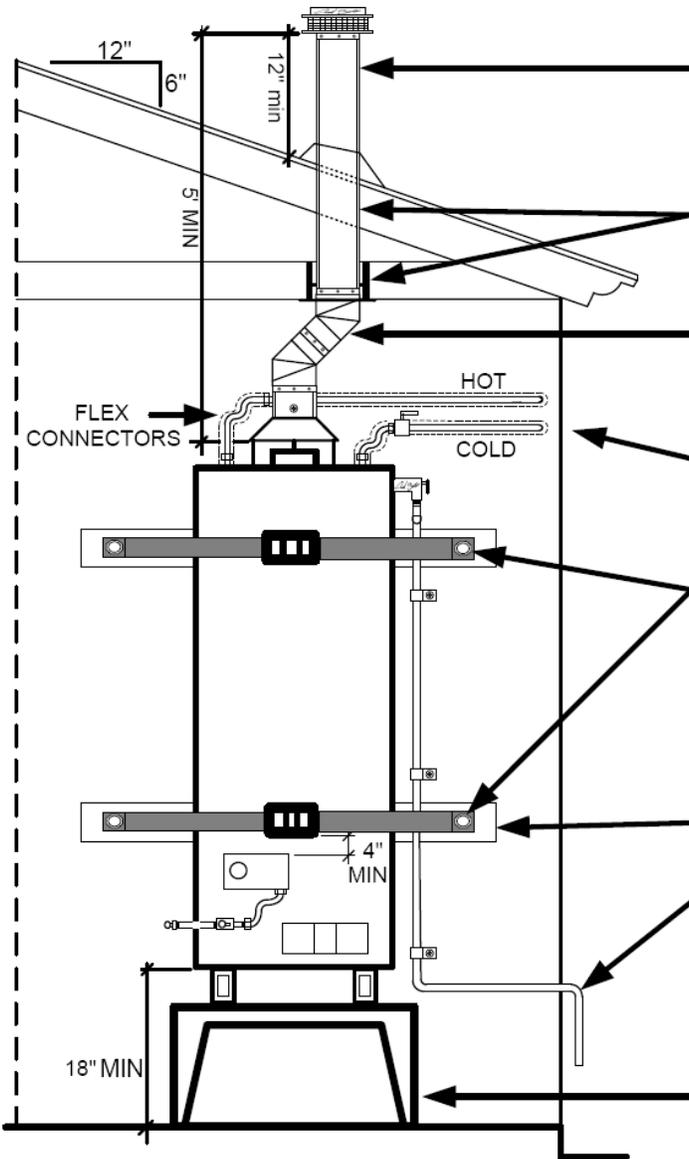
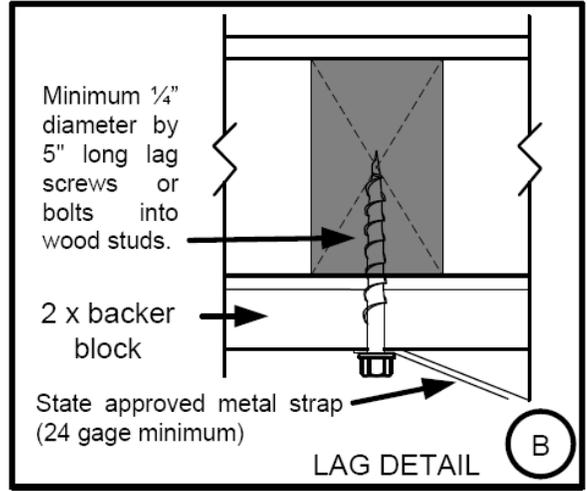
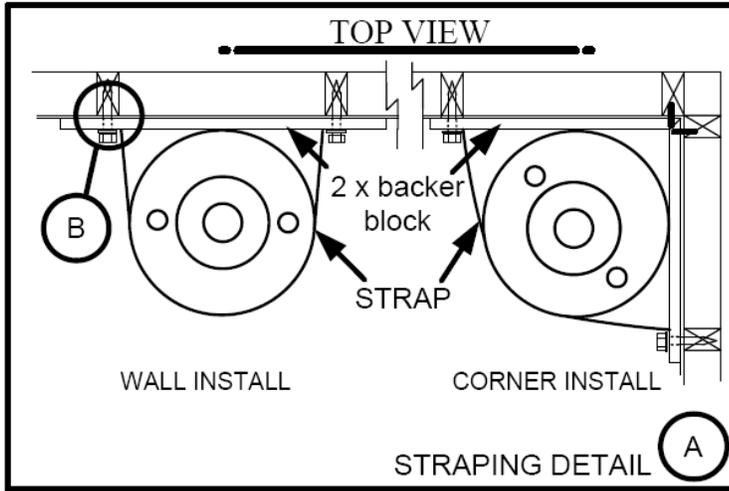
-  1. Water heater **seismic straps** are in compliance with the applicable sections of CPC 508.2 *et al.*
-  2. The **temperature/pressure relief valve and drain** were installed in compliance with CPC 505.6 and CPC 608.5 *et al.*
-  3. The water heater **location and clearances** are in compliance with CPC 505.1, 505.2, 505.3 and 508.14 *et al.*
-  4. Water heater **venting** is in compliance with CPC 510 *et al.* (only if gas-fired water heater)
- 5. All **fuel piping** installed under this permit is in compliance with CPC Chapter 12 *et al.*
- 6. Adequate **combustion air** is provided in compliance with CPC 507 *et al.* (only if gas-fired water heater)
- 7. The water heater installed is in compliance with the **California Energy Code**.

I hereby affirm by my signature below, that I have reviewed and satisfied all Code requirements applicable to this water heater replacement permit and have inspected and verified each of the provisions enumerated above prior to signing this document.

Contractor Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor's License #: \_\_\_\_\_ Permit #: \_\_\_\_\_



Venting for the water heater shall be Type B (double wall) vent pipe and shall terminate at least 5 feet above the draft hood or flue collar and at least 12" above roof. (steeper pitched roofs will require additional clearances)

Provide minimum 1" clear space from vent to any combustible materials. When type B water heater vent is installed in an attic, provide approved ceiling thimble for the double wall vent. NO single wall vents allowed in attic.

Vent connectors may run generally horizontal ( $\frac{1}{4}$ " per foot min. fall) but the length of all horizontal offsets are limited to 75 percent of the vertical length of the venting system.

Insulate pipes (hot & cold) within the first 5' feet of the water heater. Minimum clearance of 6" inches is required between combustible pipe insulation and venting system.

Strapping shall be within the upper 1/3 and the lower 1/3 of the water heater. At the lower point, a minimum distance of 4" inches shall be maintained between the controls and the lower strap. Other methods may be acceptable, check with the Building Inspector. See strap and lag detail above.

Provide a 2 x backer block top and bottom behind water heater for support if there is no stud directly behind the water heater. See detail (A)

Temperature and pressure (T&P) relief valve piping shall extend from the valve to the outside of the building with end of pipe not more than 24" nor less than 6" from the ground. Other methods and locations may be acceptable, check with the Building Inspector. Piping shall be of galvanized steel, hard-drawn copper or CPVC.

Gas water heaters in residential garages must be a minimum of 18" above the floor to the burner device. Additionally, water heaters installed in garages shall be protected so as to not be subject to physical damage by a moving vehicle.