

Town of Woodside, Building Division
2955 Woodside Rd.
Woodside, Ca. 94062
(650) 851-6796
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RESIDENTIAL WATER HEATER INSTALLATION

APPLICABLE BUILDING STANDARDS:

1. California Plumbing Code (CPC)
2. California Electrical Code (CEC)
3. California Building Code (CBC)
4. Current Town of Woodside Municipal Code

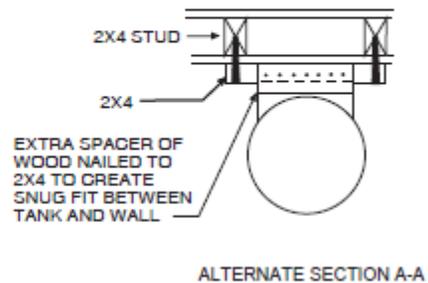
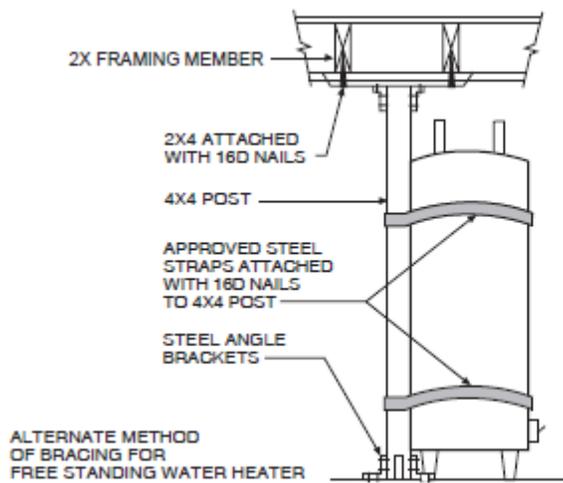
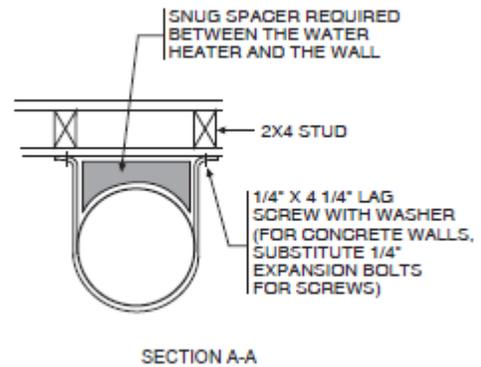
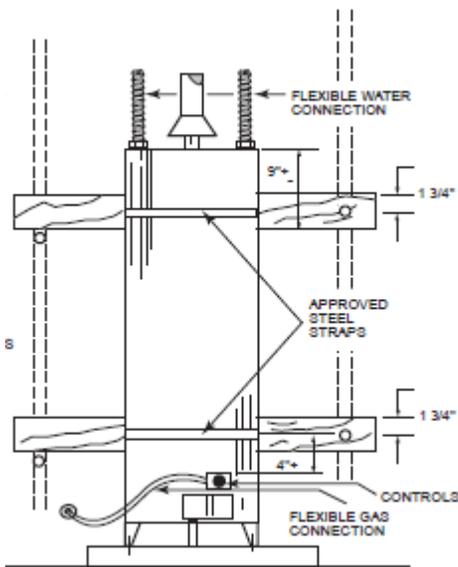


FIGURE 12-2 EXAMPLE ILLUSTRATING USE OF TABLES 12-1 AND 12-8

Problem: Determine the required pipe size of each section and outlet of the piping system shown in Figure 12-2. Gas to be used has a specific gravity of sixty-hundredths (0.60) and eleven-hundred (1,100) Btu per cubic foot (11.4 Watt-hour/L), delivered at eight (8) inch (203 mm) water column pressure.

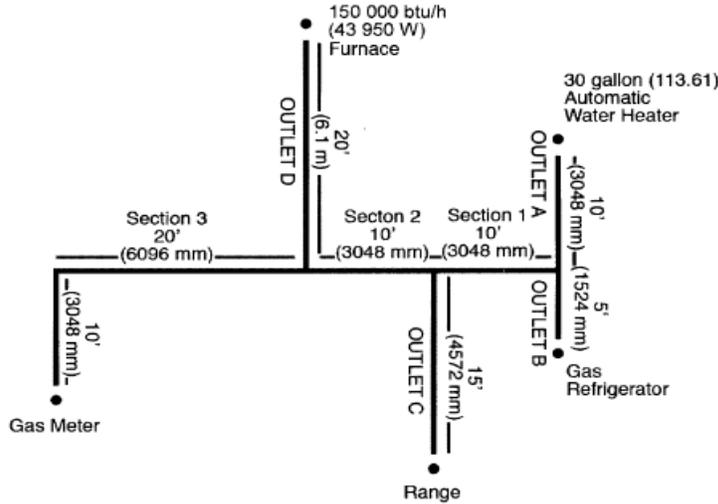
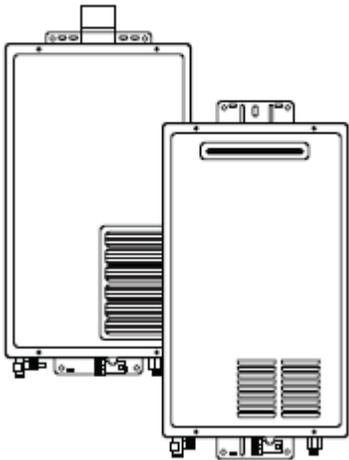


FIGURE 12-2 EXAMPLE ILLUSTRATING USE OF TABLES 12-1 AND 12-8

Solution:

TANKLESS WATER HEATER INSTALLATION

TANKLESS WATER HEATERS



Tankless water heaters are becoming a popular, energy-efficient replacement for standard tank-type heater. When installing a tankless water heater there are many things to consider.

Caution: Manufacturer's installation instructions often require special venting materials and specific installation practices.

Note: Most installations require larger combustion air openings/ducts to be installed.

AT TIME OF SUBMITTAL

The following items will need to be provided to the Building Department at the time of the initial water heating submittal:

1. Water heater and venting material manufacturers' and installation instructions.
2. Calculations/drawings for the increased gas demand.
3. Location of water heater.

FOR INSPECTIONS

1. Provide manufacturer's complete installation instructions.