

WATER HEATER INSTALLATION



City of
SAN PABLO
Building Services

LAST UPDATED: 31 AUGUST 2023

THIS DRAWING DEPICTS MINIMUM CODE REQUIREMENTS PER THE 2022 CALIFORNIA CODE CYCLE - INFORMATION IS FOR REFERENCE ONLY AND IS NOT A SUBSTITUTE FOR ACCURATE DRAWINGS PREPARED FOR EACH PROPOSED CONSTRUCTION PROJECT

WATER HEATER REPLACEMENTS ARE TO BE OF AN APPROVED EFFICIENCY - SEE <https://cactappliance.energy.ca.gov/Pages/ApplianceSearch.aspx>

INSULATION IS REQUIRED ON WATER PIPES PER CENc 150.0(j)(1) AND CPC 609.12

AN EXPANSION TANK IS REQUIRED FOR ANY SYSTEM WITH A CHECK VALVE, BACKFLOW PREVENTER, OR PRESSURE REGULATOR THAT PREVENTS DISSIPATION OF BUILDING PRESSURE BACK INTO THE WATER MAIN (CPC 608.3)

COMBUSTION AIR FOR GAS WATER HEATERS IS REQUIRED PER CPC 506.1

WATER HEATERS LOCATED IN BEDROOMS AND BATHROOMS SHALL HAVE GASKETS AND VENTING PER CPC 504.1

MINIMUM OF TWO SEISMIC STRAPS (ONE AT TOP THIRD, ONE AT BOTTOM THIRD) PER CRC R301.2.2.10 AND CPC 507.2

SEISMIC STRAP SPACED A MINIMUM OF 4-INCHES ABOVE CONTROLS (CPC 507.2)

APPLIANCES IN GARAGES ARE TO BE INSTALLED SO THAT ALL BURNERS AND BURNER-IGNITION DEVICES ARE LOCATED NOT LESS THAN 18" ABOVE THE FLOOR UNLESS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT, AND SHALL BE PROTECTED FROM PHYSICAL DAMAGE PER CPC 507.13

TEMPERATURE AND PRESSURE RELIEF VALVE CANNOT RUN UPHILL AND MUST BE PIPED TO THE EXTERIOR (END SHOULD POINT DOWN) - " MINIMUM PIPE - NO THREADS ALLOWED AT BOTTOM END OF PIPING - SHALL NOT DRAIN TO PAN

1-1/2" MIN DEEP PAN REQUIRED WHERE LEAKAGE COULD CAUSE DAMAGE TO WOOD FRAMING - PROVIDE 3/4" DRAIN TO APPROVED OUTFALL (CPC 507.5)

FLEXIBLE GAS CONNECTION

6" MIN TO 24" MAX ABOVE FINISHED GRADE

