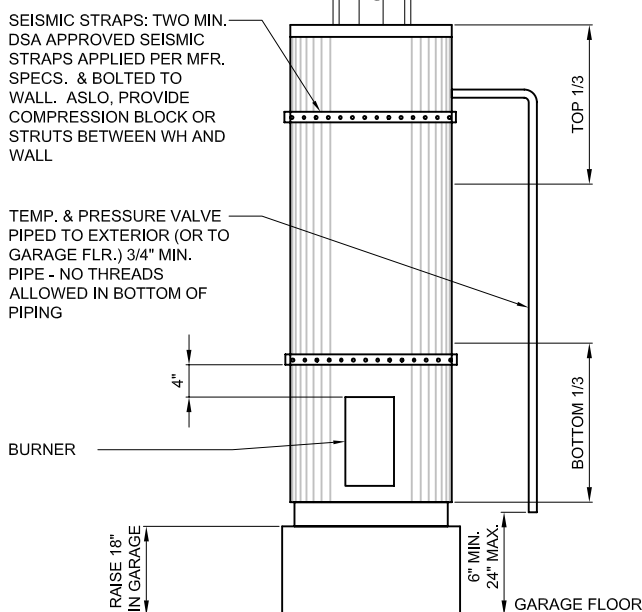
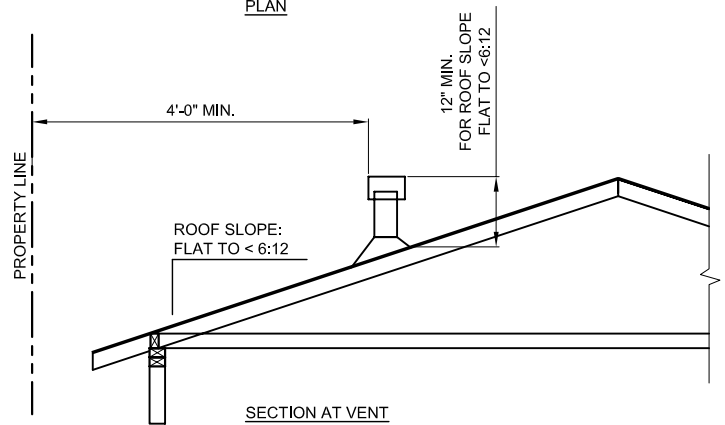
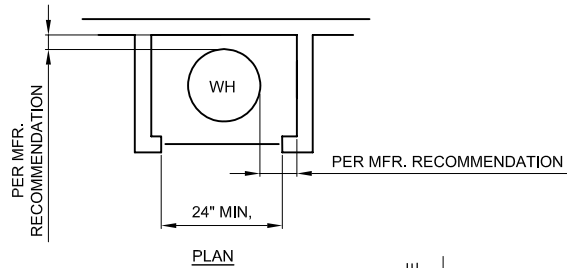
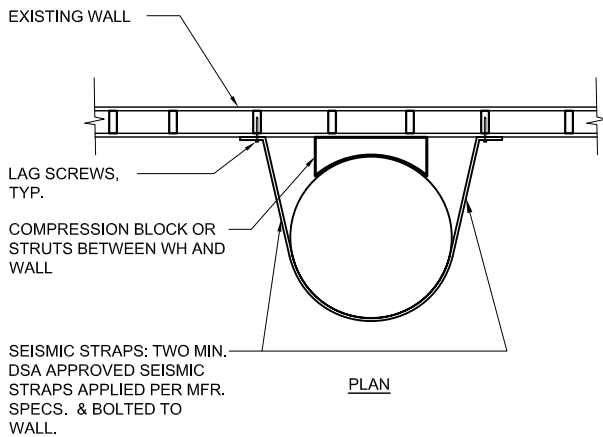


TYPICAL RESIDENTIAL WATER HEATER

THIS DRAWING DEPICTS MINIMUM CODE REQUIREMENTS PER CBC 2007. INFORMATION IS FOR REFERENCE ONLY AND IS NOT A SUBSTITUTE FOR ACCURATE DRAWINGS PREPARED FOR EACH PROPOSED CONSTRUCTION PROJECT.



NOTE:
NO GAS-FIRED WATER HEATER ALLOWED IN BEDROOMS, BATHROOMS, CLOTHES CLOSETS, OR ANY SPACE OPENING INTO A BEDROOM OR BATHROOM.

WATER HEATERS ELEVATION

WATER HEATER NOTES:

- GAS FIRED EQUIPMENT IN GARAGE:** PROVIDE FOR GAS FUELED EQUIPMENT SUCH AS WATER HEATERS OR APPLIANCES TO BE ELEVATED 18" ABOVE FLOOR AND PROVIDED WITH A PROTECTIVE BARRIER, I.E. CONCRETE FILLED STEEL BOLLARDS, OR, BY BEING ELEVATED OR LOCATED OUT OF THE NORMAL PATH OF THE VEHICLES. CPC 508.14 AND CMC 308.0
- EXPANSION CONTROL:** ANY WATER SYSTEM PROVIDED WITH A CHECK VALVE, BACK FLOW PREVENTER OR PRESSURE REGULATING DEVICE WHICH DOES NOT HAVE A BYPASS FEATURE AT ITS SOURCE SHALL BE PROVIDED WITH AN APPROVED, LISTED, ADEQUATELY SIZED PRESSURE RELIEF VALVE OR A MEANS TO CONTROL EXPANSION. CPC 608.3 PROVIDE A NOTE ON THE DRAWINGS NEAR THE WATER HEATER THAT "AN APPROVED, LISTED EXPANSION TANK IS REQUIRED WHENEVER A BACKFLOW PREVENTION DEVICE IS INSTALLED." CPC SEC. 608.3.
- WATER HEATER STRAPPING:** PROVIDE SEISMIC STRAPPING AT POINTS WITHIN THE UPPER 1/3 AND LOWER 1/3. STRAPS SHALL BE AT LEAST 4 INCHES FROM CONTROLS. CPC 508.2.
- WATER HEATER COMBINATION PRESSURE AND TEMPERATURE RELIEF VALVES:** RELIEF VALVES SHALL EXTEND TO OUTSIDE OF THE BUILDING (OR TO GARAGE FLOOR IN AREA THAT WILL DRAIN TO OUTSIDE) WITH THE END OF THE PIPE NOT MORE THAN 2 FT NOR LESS THAN 6" ABOVE THE GROUND AND POINTING DOWNWARD. CPC SEC. 506.6 & 608.5.
- WATER HEATER PROHIBITED LOCATIONS:** PER CPC SEC. 505.1, WATER HEATERS WHICH DEPEND ON THE COMBUSTION OF FUEL FOR HEAT SHALL NOT BE INSTALLED IN A ROOM USED OR DESIGNED TO BE USED FOR:
 - SLEEPING PURPOSES
 - BATHROOM
 - CLOTHES CLOSETS, OR
 - CLOSET OR OTHER CONFINED SPACE OPENING INTO A BATH OR BEDROOM.
 EXCEPTION: DIRECT VENT WATER HEATERS, IN EXCLUSIVE CLOSET WITH SELF-CLOSING GASKETED DOOR PER CPC 505.1(1) & (2).
- WATER HEATER ACCESS:** OPENING OR DOORWAY TO WATER HEATER SHALL NOT BE LESS THAN REQUIRED FOR WATER HEATER ACCESS FOR SERVICE AND REMOVAL. UPC SEC. 505.3.
- WATER HEATER COMBUSTION AIR:** INDICATE METHOD AND SIZE OF OPENINGS FOR THE REQUIRED COMBUSTION AIR FOR FUEL BURNING WATER HEATERS. CPC SEC. 507.0.

NAME, ADDRESS AND PHONE NO. OF DESIGNER
XXX XXX XXX XXX
XXX XXX XXX XXX

WET SIGNATURE OF DESIGNER ON EACH SHEET
(AND PROFESSIONAL STAMP IF APPLICABLE)

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EXAMPLE RESIDENCE

1234 MAIN ST.
SANTA ROSA, CA 95404
APN # 000-000-000

WH DETAIL & EGRESS WDW.

SAMPLE DRAWING

SCALE: NTS
DATE: DEC. 15, 2008

SHEET NO.

WH-1