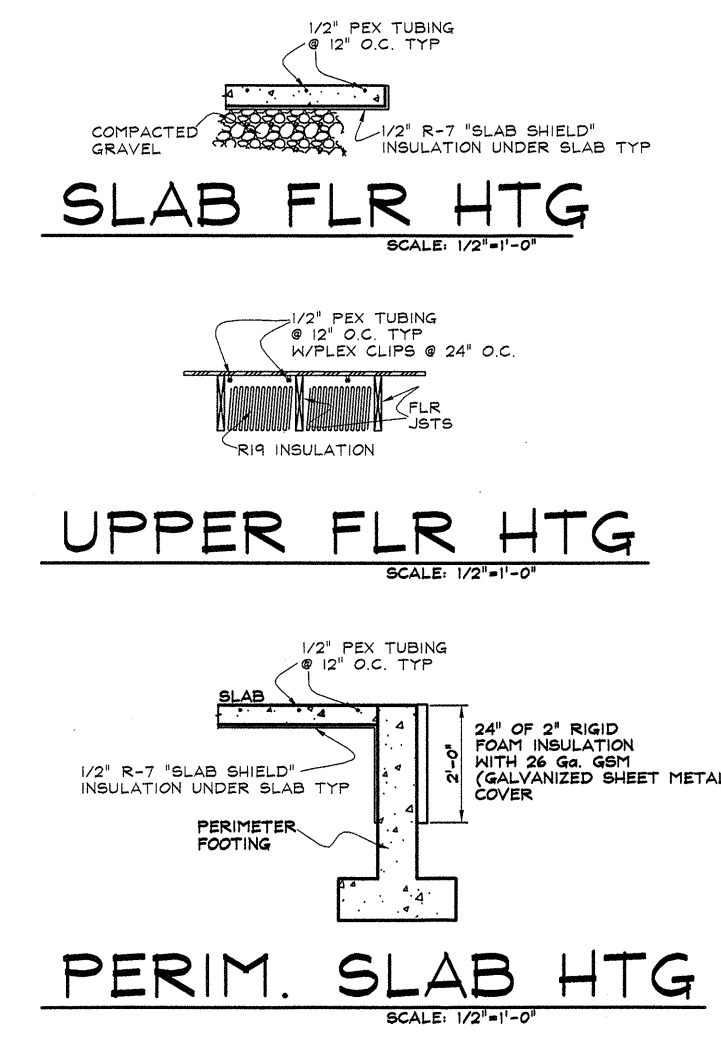
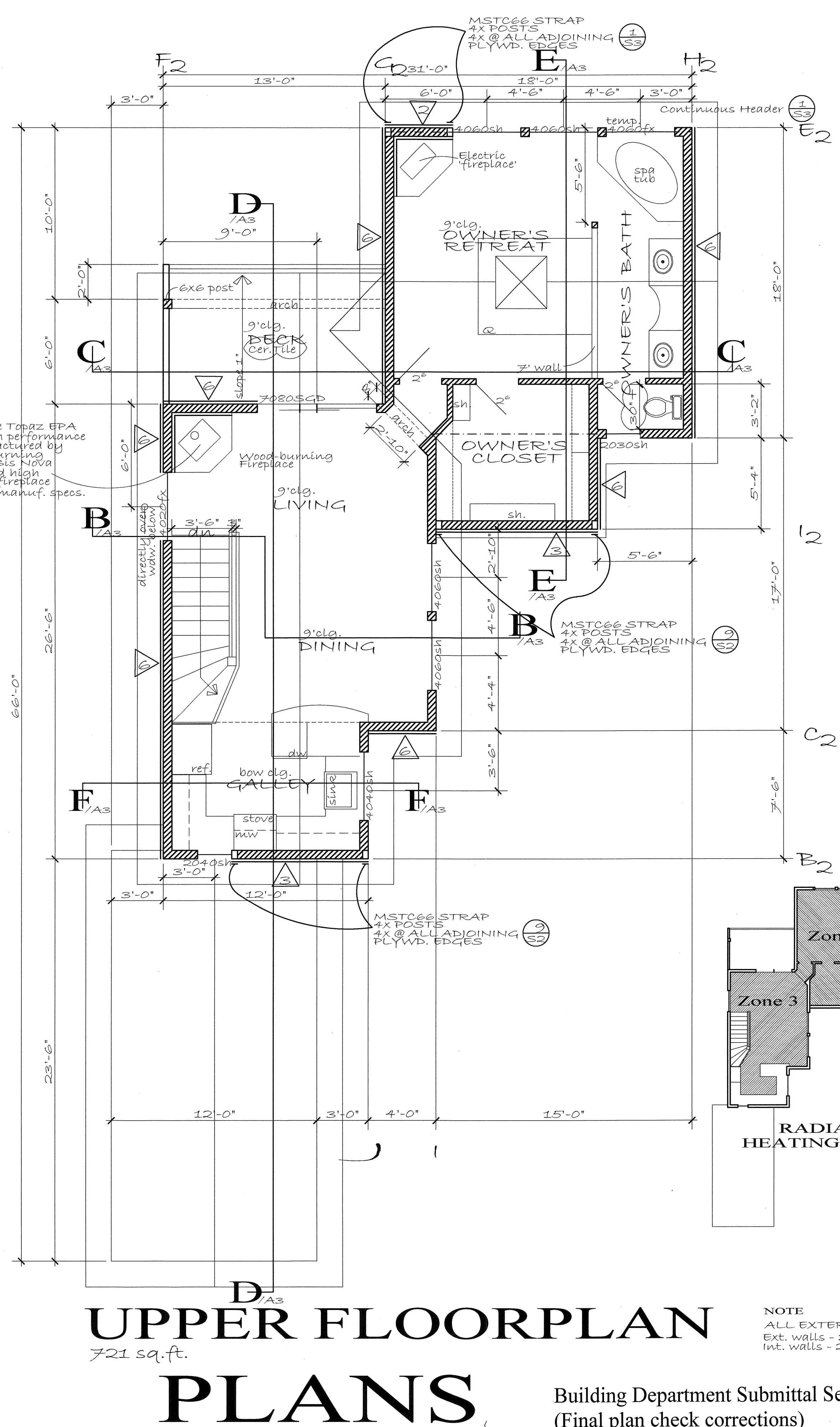
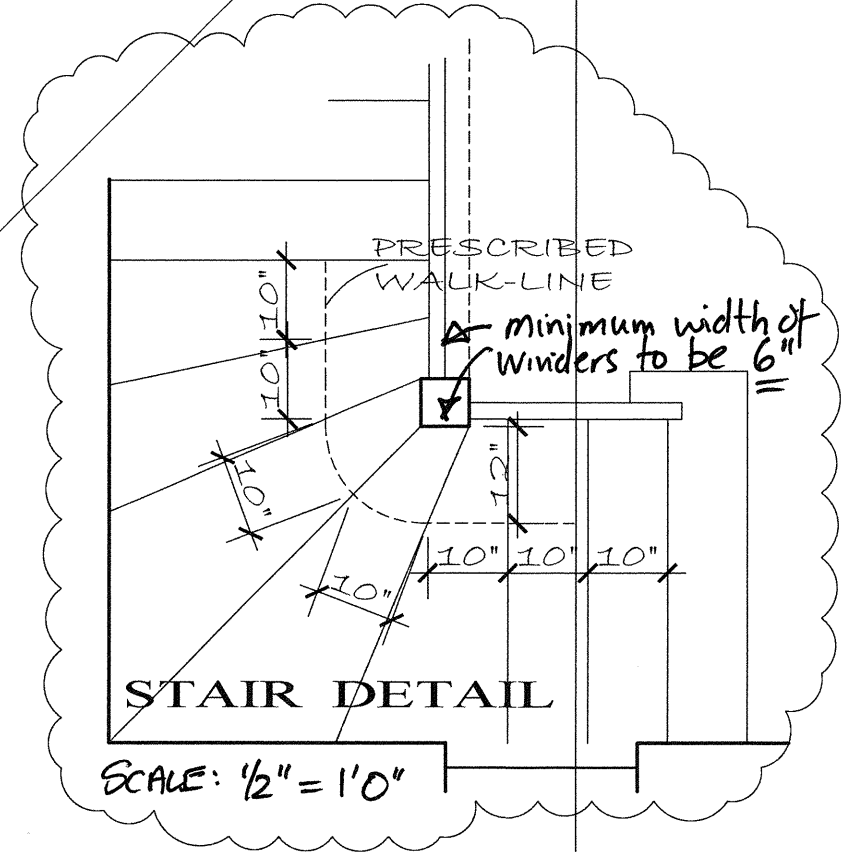
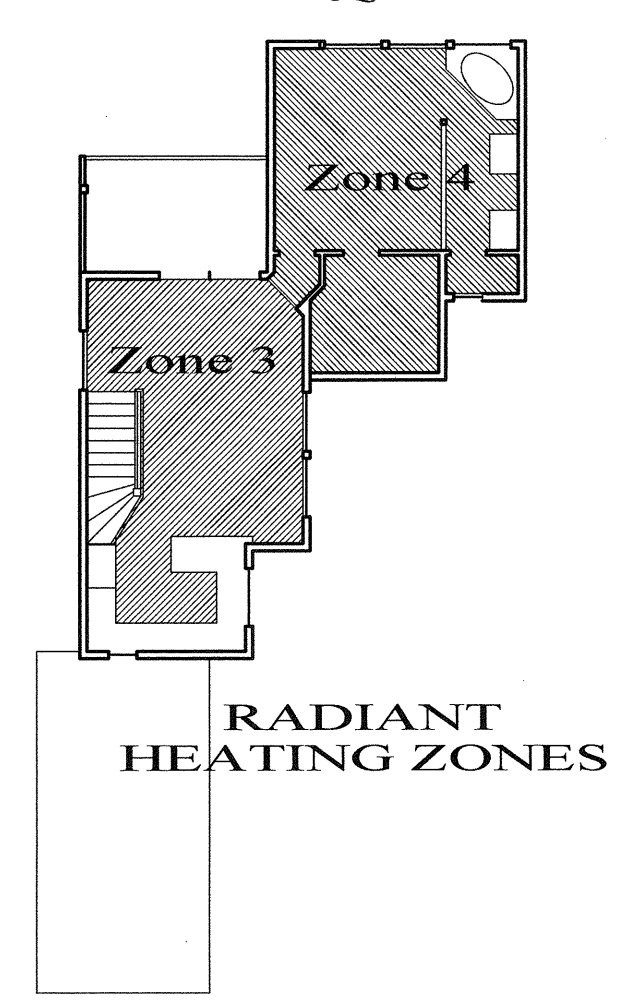


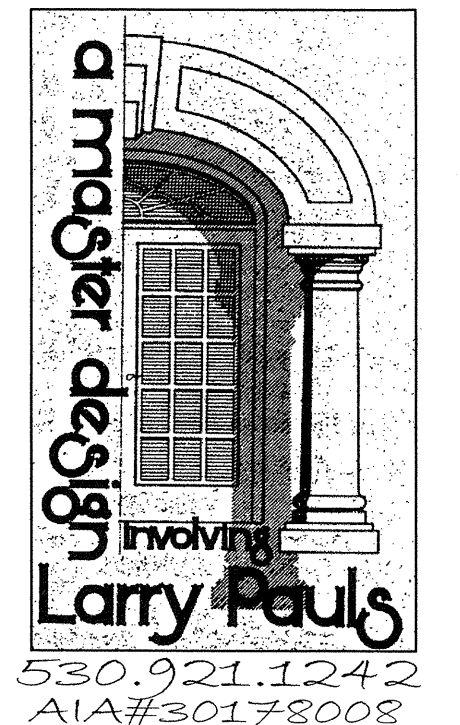
Fireplace to be Topaz EPA Certified high performance stove manufactured by B.S.F. wood-burning fireplaces or Bis Nova EPA Certified high performance fireplace installed per manuf. specs.



- Hydronic Heating & Domestic Hot water:**
- Provide & Install 96.1% efficient 145,000 Bth U. Rinnai (or equal) exterior vented on demand combined boiler with integral heat exchanger & passive, indirect storage tank, to comply with all prevailing building codes and manufacturer's installation requirements and clearances to combustible surfaces, soffits and adjacent windows and doors.
- 1) Install Caleffi manifold beneath stairs with Grundfos re-circulating pump, monitoring equipment, temperature gauges and pressure balance tank.
 - 2) Include 30 gallon static, indirect storage tank with heat exchanger from exterior mounted on demand water heater.
 - 3) Strap tank to wall with seismic straps.
 - 4) Install wall mount thermostat at second floor living area.
 - 5) Provide pipe insulation for the hot and cold supply lines to the on-demand water heater for a minimum of five feet, and per 2008 Title 24 Energy Standards.



NOTE
ALL EXTERIOR WALLS SHALL BE 6" UNO
Ext. walls - 2x6 studs @ 16" o.c. w/ R30 insul.
Int. walls - 2x4 studs @ 16" o.c. U.N.O.



**A Coastal Cottage for
Chris and Betsy McMinn**
33530 Ocean View Ct., Gualala, Ca.
by A Master Design involving larry pauls

A1
scale 1/4" = 1'-0"
rev. 3-11 5.10
10/28/11

Building Department Submittal Set: Rev.10/28/11
(Final plan check corrections)

PLANS