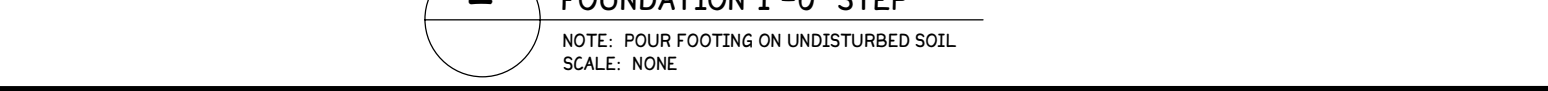
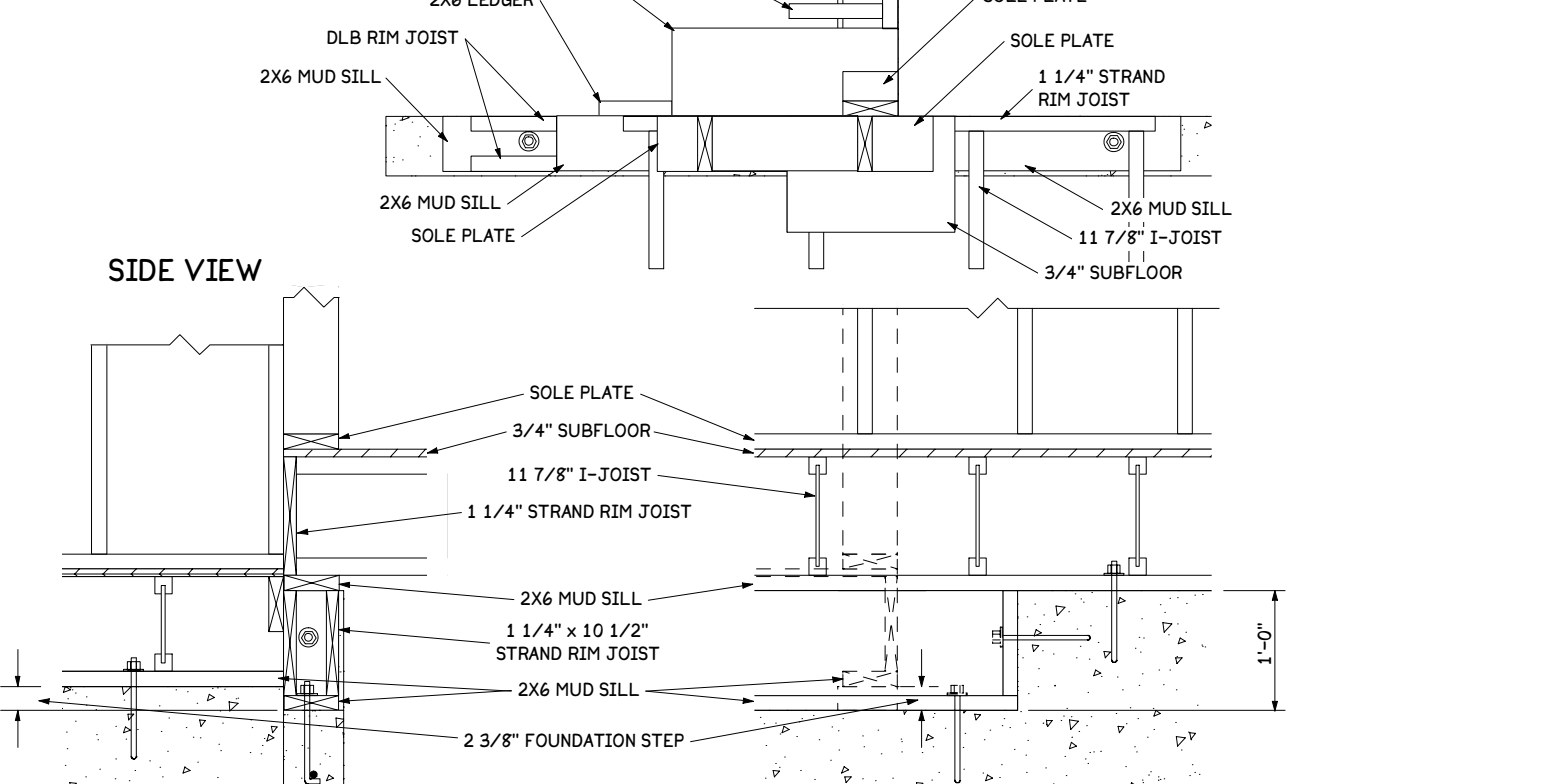
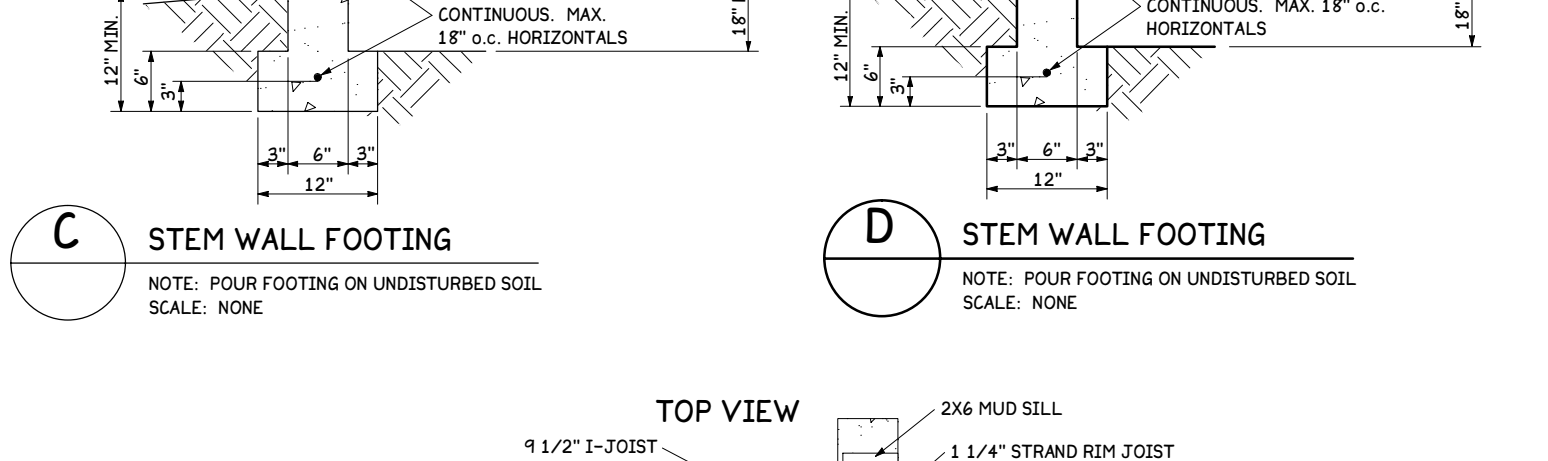
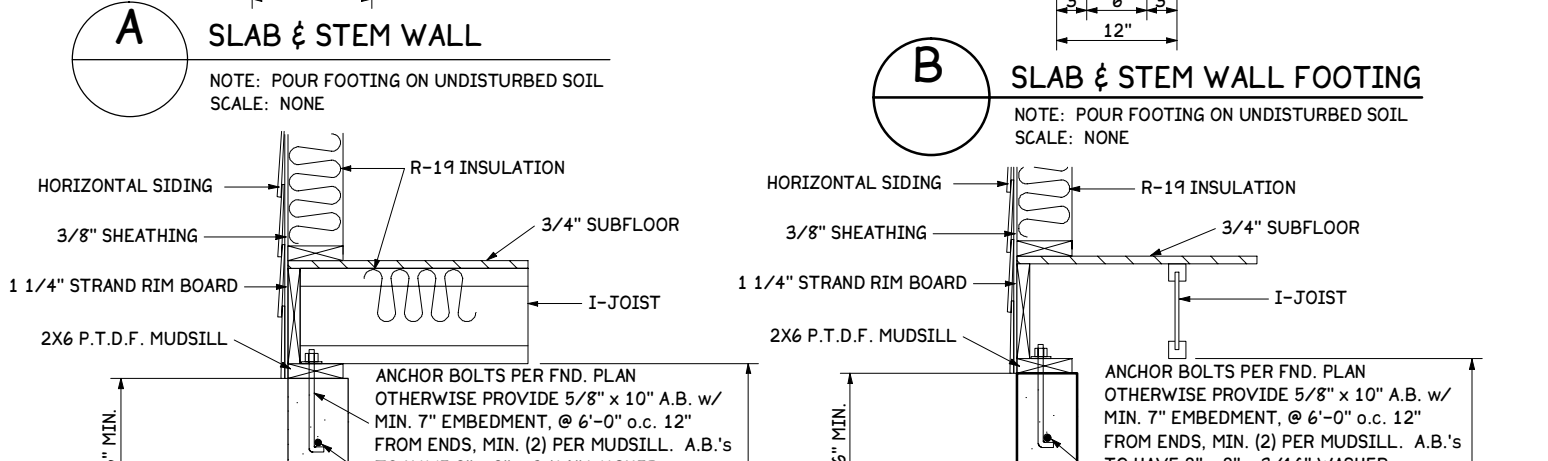
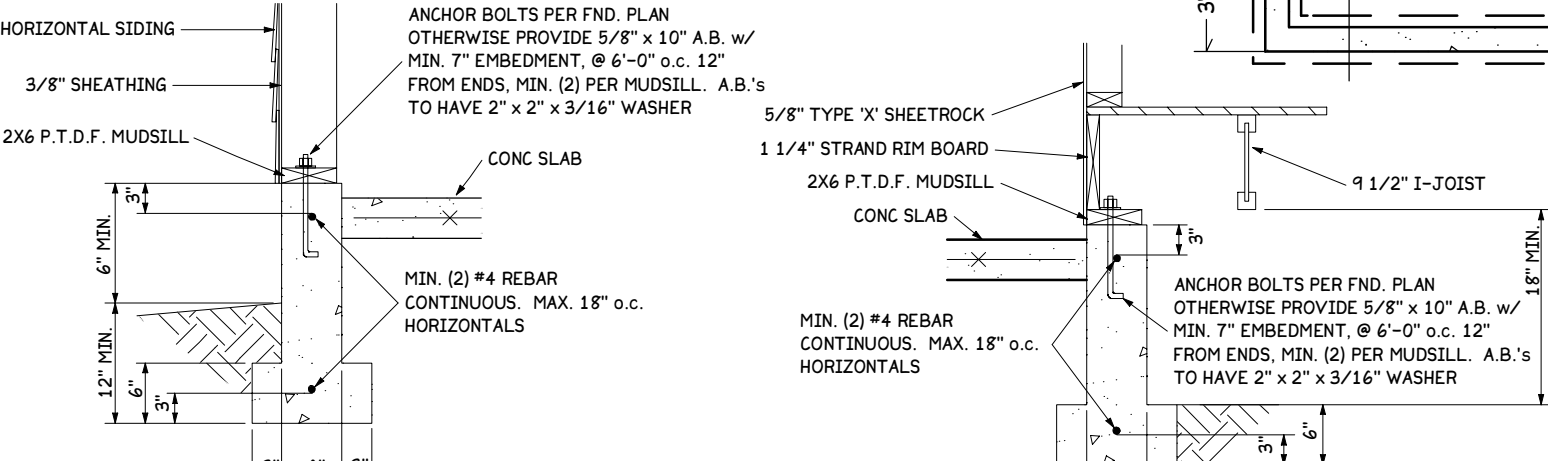
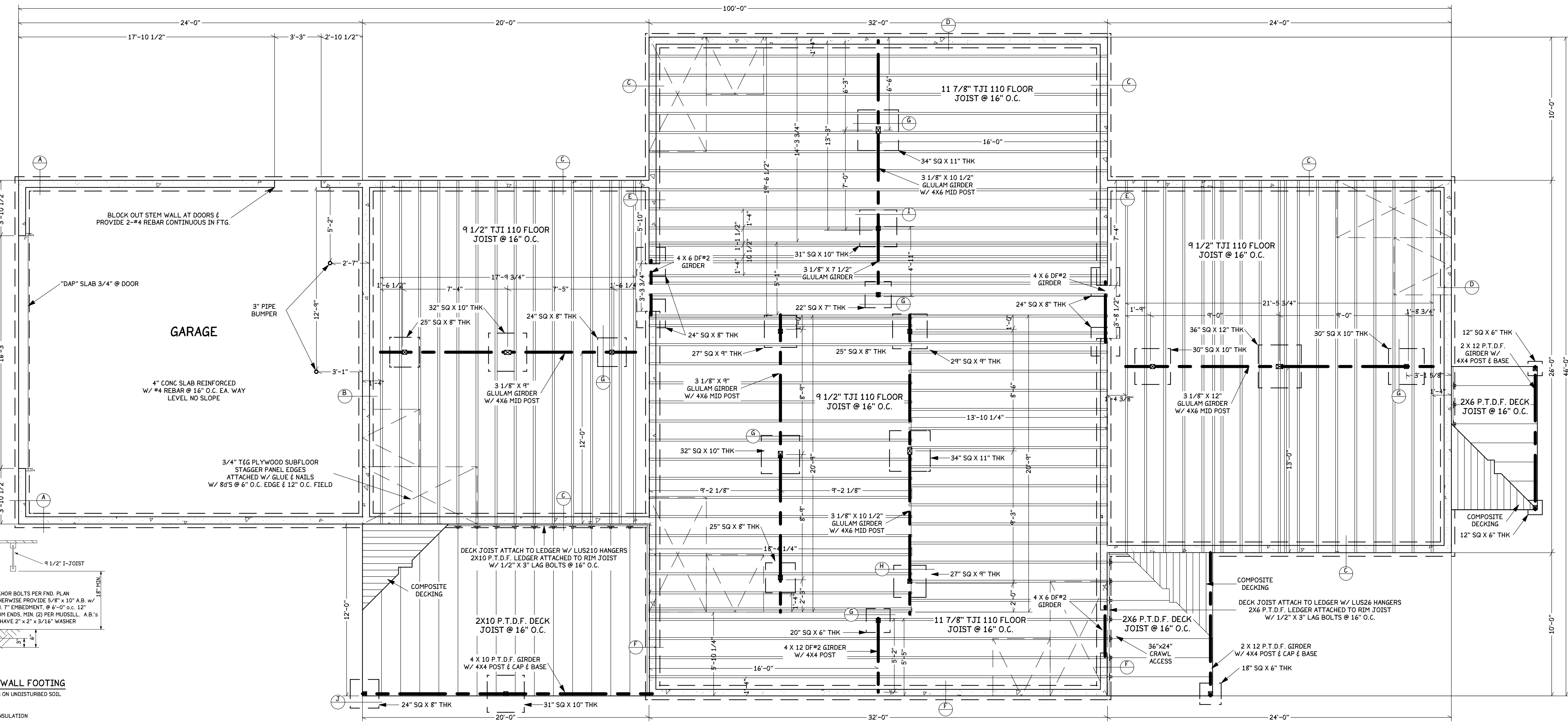


FOUNDATION NOTES Dunant 5/9/2006

- F1 UON anchor bolts shall be 5/8" Ø x 10" embedded a minimum of 7", 1" from ends, 6" center maximum and a minimum of 2 bolts per sill board 12" from ends— UBC ¶ 2907 (f). Hook of embedded bolt shall be turned under top reinforcing bar of foundation walls and wire tied to same.
- F2 Use pressure treated mudsills. All wood not pressure treated must be at least 6" above exposed ground.
- F3 UON minimum concrete strength shall be 2,500 psi at 28 days. Minimum thickness of concrete floor slab(s) supported on ground shall be not less than 3 1/2". UBC Section 1924. See Foundation Plan for mesh reinforcement & surface finishes.
- F4 Provide continuous horizontal reinforcement—3" min. conc. cover at earth—in footings with 1-#4 rebar minimum top & bottom. Provide vertical reinforcement every 18 to 24" with #4 rebar.
- F5 Isolated pier footings shall be provided per the foundation plan and details. Provide "U" strap or equal positive holdown anchor at each post to pier location.
- F6 Exterior posts shall be protected from deterioration, raise base 8" above exposed earth.
- F7 Enclosed, under-floor areas shall be ventilated by an approved mechanical means or by openings into the under-floor area walls. Such openings shall have a net area of not less than 1 square foot for each 150 square feet of under-floor area. Openings shall be located as close to corners as practical and shall provide cross ventilation. See UBC Section 2306.7 for additional, specific installation requirements.
- F8 Underfloor area to be free of all debris and roots.
- F9 Install 4" perforated drain along north side of house.

STRUCTURAL NOTES Dunant 5/14/2006

- S1 UON, exterior wall studs shall be spaced @ 16" o.c. Headers in 2x6 exterior walls shall be 4x12, UON, with 2" of rigid foam insulation on outside of header.
- S2 Interior floor joists are Weyerhaeuser Trus Joist TJI 110, depth as indicated on the plans. Install as per Trus Joist documentation.
- S3 Interior partitions are nailed to Trus Joists when possible. If the wall can only be nailed to the floor panel, run a bead of adhesive under the wall and either cross nail, nail through and clinch tight, or screw into the wall from below.
- S4 UON, framing lumber shall be Douglas Fir: #2 or better for 2x and 4x, #1 for 6x and 24F-V4 DF for glulams. When used, glulams shall be certified in writing by a licensed manufacturer—certifications shall be provided at time of framing inspection.
- S5 Provide 2x6 45° gable end braces @ 48" o.c.
- S6 Metal connectors shall be as manufactured by Simpson or Silver.
- S7 Provide moisture/air barrier over plywood or OSB shear sheathing on all exterior walls.
- S8 Use Simpson MST27 strap tie to connect garage door header to top plate.
- S9 Use 1 1/4" 0.8E strand rim board.



FOUNDATION PLAN
 SCALE: 1/4" = 1'

LEGEND

	STEM WALL
	BEAM, GIRDER OR HEADER

House Plan
 FOR
Ron & Mary Ann Dunant
 A portion of the NW 1/4 Sec. 6 T.14N. R.9E. MDM
 In the unincorporated territory of
NEVADA COUNTY, CALIFORNIA
 May 14, 2006