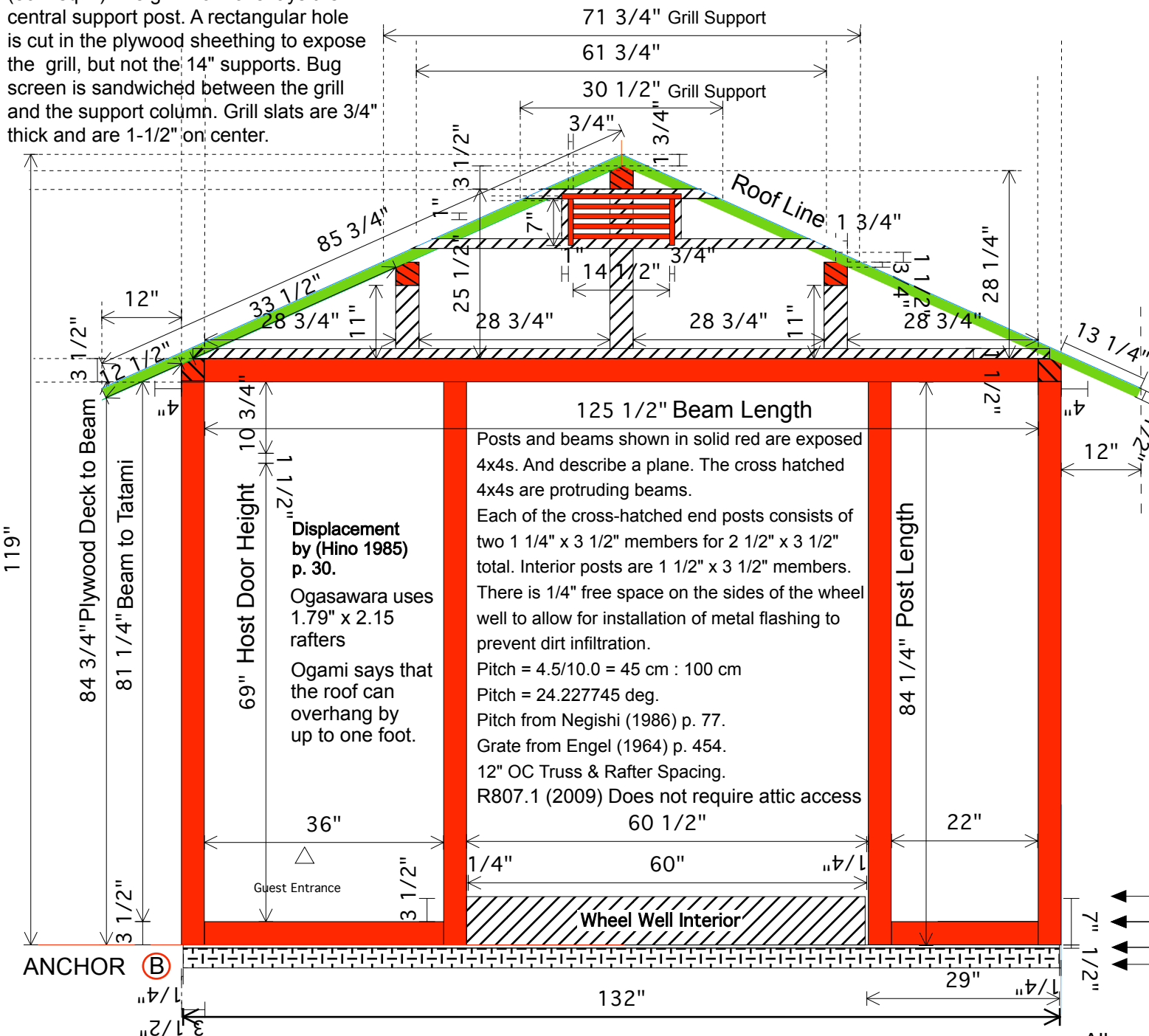


Grill Structure

R806.2 minimum vent area is 0.60 sqft. (86.4 sqin.) The grill work overlays the central support post. A rectangular hole is cut in the plywood sheathing to expose the grill, but not the 14" supports. Bug screen is sandwiched between the grill and the support column. Grill slats are 3/4" thick and are 1-1/2" on center.

**Exterior Side B Roof Elevation Shingled Roof Version
(Exterior Side D Roof Elevation is an Exact Reflection of Side B)**



Ogasawara (2001 p. 104) specifies rafters on 18" centers with rafters centered over end posts. His pitch is 3.0/10.0.

Sec. 1505.1. Attic Access. Keep vertical height below 30 inches .

Sec. 1505.3. Enclosed attics and enclosed rafter spaces formed where ceilings are applied to the under side of roof rafters shall have cross ventilation for each separate space per UBC

Sec. 2326.12.3. Framing. Rafters shall be framed directly opposite each other at the ridge. There shall be a ridge board at least 1-inch (25 mm) nominal thickness at all ridges and not less in depth than the cut end of the rafter. At all valleys and hips there shall be a single valley or hip rafter not less than 2-inch (51 mm) nominal thickness and not less in depth than the cut end of the rafter. (1994 Uniform Building Code)

R802.3 (2009) Rafters will be framed to each other with a gusset plate.

R802.3 (2009) Rafters will be framed to each other with a gusset plate.

Rafters are also attached to the ceiling trusses.

All exterior edges of the 3 1/2 x 3 1/2 inch posts, beams and rafters are to overhang the 8 x 11 ft deck by a minimum of 1/4 inch. This overhang must be uniform within available tolerances. Roof Posts and rafters need not be visible from inside the tea house.

- ← Wheel Well Top
- ← Tatami Top
- ← Plywood Deck
- ← Steel Deck

All posts must rest on deck
No visible bolts are allowed