8 trusses (each)

2 posts, 6x6x7'

2 post base brackets, 2 bolts each

2 knee braces, 4x6x49"

4 knee brace struts, 1x6x10'

2 knee brace bracket **pair**, 4 bolts each

2 bottom chord collar tie beams, 4x8x16'

2 top chord truss beams, 4x8x17'

2 chord bracket pair, 12 bolts each

2 truss braces, 4x4x8'

2 truss brace bracket pair, 4 bolts each

1 1" vertical rods

2 1/2" vertical rods

7 truss "connect packages" (each)

1 ridge beam, 4x8x10'

1 bottom center beam, 4x8x10'

2 X-braces, 2x6x12'

2 post-to-post beams, 4x6x10'

4 pair of post-to-post beam brackets, 16 bolts

1 pair of middle top brackets, 16 bolts

1 pair of middle bottom brackets, 20 bolts

purlins (total)

 $4 \times 4 \times 73' \ 3/4'' \times 12 = 877'$ 6 x 2 x 8 = 96 purlin brackets, bolts

roofing (total)

2 x 18' 2 1/4" x 73' 3/4" = 2657.6 square feet

lumber (total)

16 posts, 6x6x7'

16 knee braces, 4x6x49"

32 knee brace struts, 1x6x10'

16 bottom chord collar tie beams, 4x8x16'

16 top chord truss beams, 4x8x17'

16 truss braces, 4x4x8'

7 ridge beam, 4x8x10'

7 bottom center beam, 4x8x10'

14 X-braces, 2x6x12'

14 post-to-post beams, 4x6x10' (purlins listed separately)

hardware (total)

16 post base brackets, 32 bolts

16 knee brace bracket pair, 64 bolts

16 chord bracket pair, 192 bolts

16 truss brace bracket pair, 64 bolts

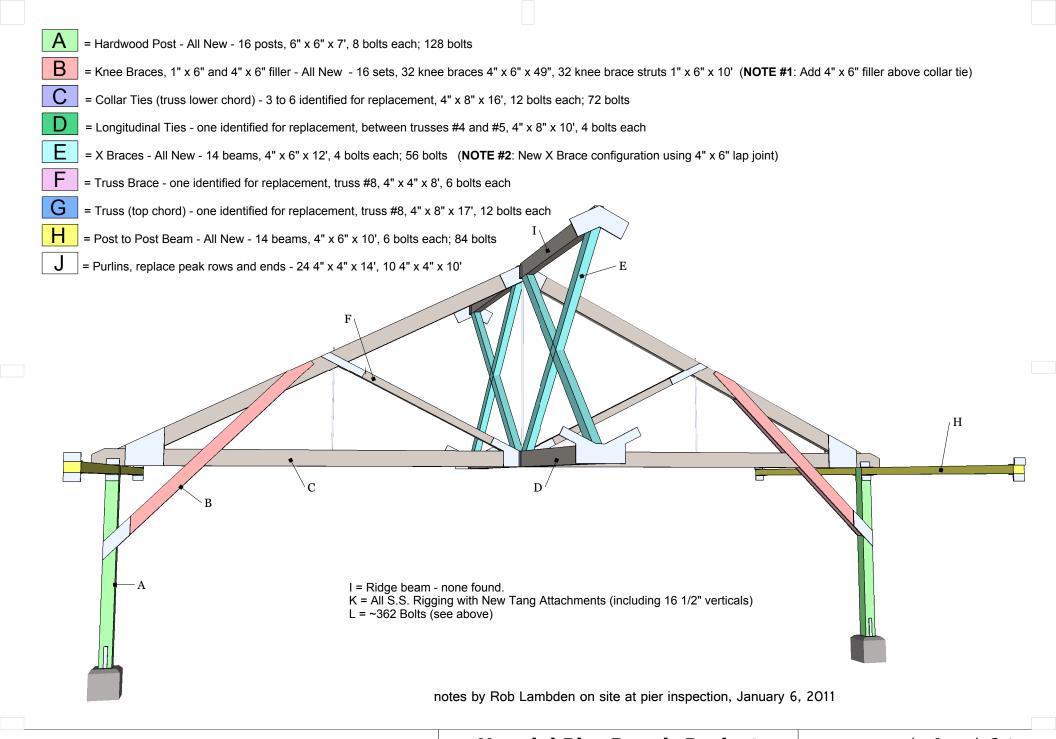
28 **pair** of post-to-post beam brackets, 112 bolts

7 pair of middle top brackets, 112 bolts

7 pair of middle bottom brackets, 140 bolts (716 bolts total, purlins listed separately)

8 1" vertical rods 16 1/2" vertical rods

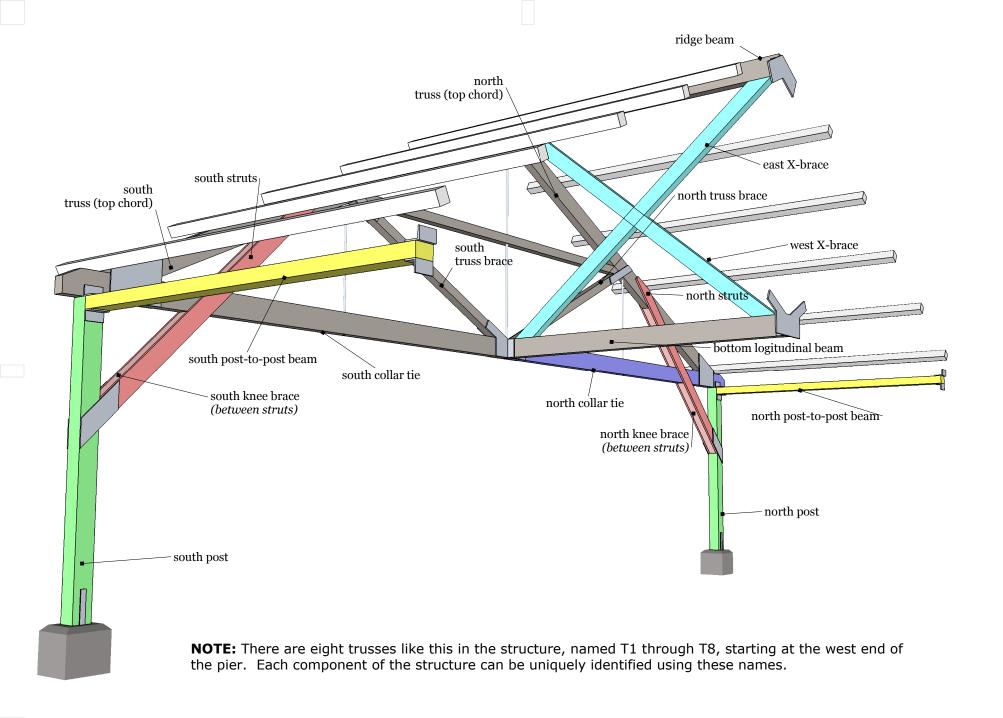
Rotary Club of Hanalei Bay Hanalei, Kauai, Hawaii



truss inspection notes

Hanalei Pier Repair Project

Rotary Club of Hanalei Bay Hanalei, Kauai, Hawaii by Joseph Oster www.wingo.com/SketchUp 808-826-5316



single truss

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