Pavilion Model

scale: 1:8

top view

... end rafter
... ridge board
... end rafter

right view

ridge board

long beam

... column

... short beam

front view

ridge board
Pavilion Model Components

All units are inches.

Straight cuts:
4 columns: 0.5 x 0.5 x 11
1 ridge board: 0.75 x 0.25 x 24
2 long beams: 0.75 x 0.25 x 24
2 short beam: 0.75 x 0.25 x 15.75

Angled cuts:
2 end rafters: 0.5 x 0.25 x 10
4 middle rafters: 0.5 x 0.25 x 10
Pavilion Model Top View

scale: 1:4

end rafter
ridge board
long beam
Pavilion Model Right View

scale: 1:4

middle rafters

ridge board

end rafter

long beam

columns
Pavilion Model Front View

scale: 1:4

ridge board

end rafter 10

106°

short beam

columns

16.25

11

6
Pavilion Model End Rafter Details

scale: 1:2

long beam joint

10

9

ridge board joint

cut detail

scale: 3:1

long beam joint

37°

ridge board joint

53°
Pavilion Model Middle
Rafter Details

scale: 1:2

long beam joint

ridge board joint

scale: 3:1

long beam joint

ridge board joint

37° 53°

90° 53°
Pavilion Model Rafter Joint Details

scale: 2:1

cross-section detail

middle rafter

short beam (behind)

long beam

column

front view detail

end rafter

long beam

short beam

column