

Materials

Treater Lumber from Lowes:

4 – 6x6x10 posts

4 - Girders 2x10x12

11 - Rafters 2x8x12

9 - crossbeams 2x2x12

8 - (2.5') Knee Braces, post to girder/rafter

Wood Stained in New Redwood

Galvanized Screws/Bolts/ Washers/Nuts/Anchors

4 post anchors to 4"Concrete, Simpson apb66, 2.5" exterior screws to Posts

M10x220 Coach Bolts – 2 bolts girder to girder through posts, sunken, washers/nuts

Rafters sitting in 1.5" joints cut into both Rafter and Girder. 2.5" deck screws – rafters to girders, front side : 8" timber screws – rafters to girders, back side, counter sunk into .5" joint where rear crossbeam will then sit

Cross beams to Rafters – ½" joint on Rafter : 2.5" deck screws crossbeams to rafters

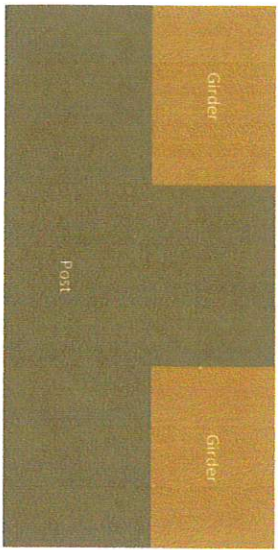
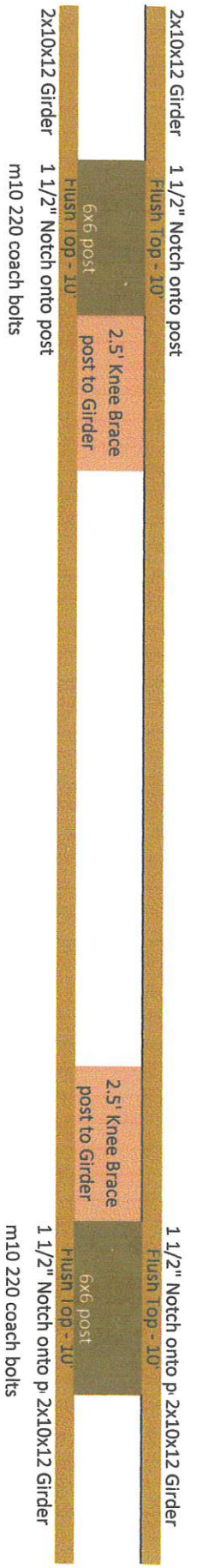
General Structure – Est Cost - \$1000

12x12x10H structure

On top Concrete Patio

There will be no roof and no electricity.

Both neighbors have given approval.



House Block

29" to

Gutter Lip
43" to Post
Center

Flush Top - 10'

6x6 post

Flush Top - 10'

2.5' Knee
Brace post
to Rafter

0

12

17.5

31.1

44.7

58.3

71.9

85.5

99.1

112.7

126.3

131.8

144

Gutter Lip 105"

Rafter 117"

← 2x8x12 Rafters →

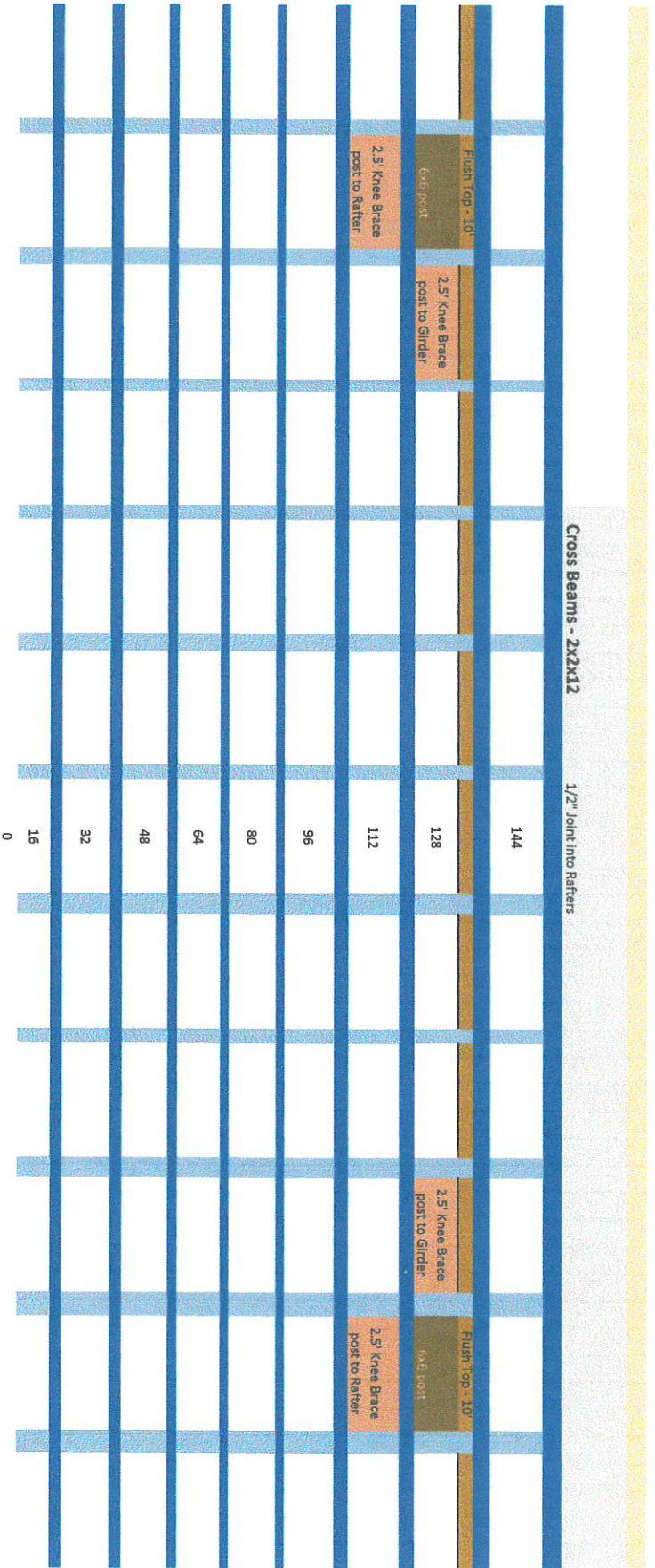
2.5' Knee
Brace post
to Girder

Flush Top - 10'

6x6 post

Flush Top - 10'

2.5' Knee
Brace post
to Rafter



House Block
29" to Gutter

Gutter Lip 105"
Rafter 117"

2x8x12 Rafters

