Project 320 Pergola Cedar Wood Patio Shade Structure - Free Standing

OWT Ornamental Wood Ties

OZCO BUILDING PRODUCTS

**Project 320 Pergola Cedar Wood Patio Shade Structure - Free Standing**

V1.00 - Installation Instructions effective May 1, 2015 and reflects information that available as of April 10, 2014. This information is updated periodically and should not be relied upon after May 1, 2015. Please visit www.OZCOBP.com to get current information

1

$\left[3658\right]$
144"

$\left[3658\right]$
144"

$\left[2908\right]$
$114\frac{1}{2}$"
Center to Center

$\left[2456\right]$
$96\frac{11}{16}$"

$\left[2627\right]$
$103\frac{7}{16}$"

$\left[2908\right]$
$114\frac{1}{2}$"
Center to Center
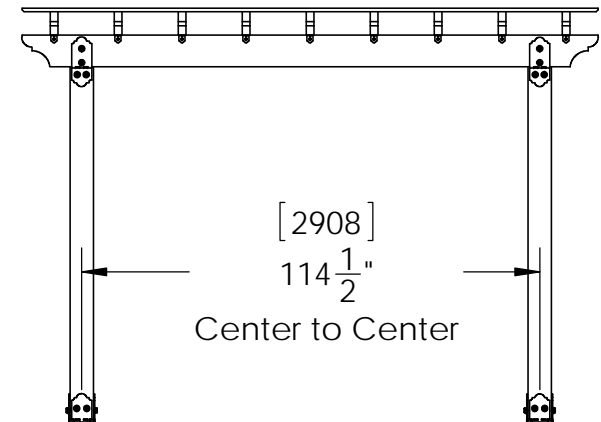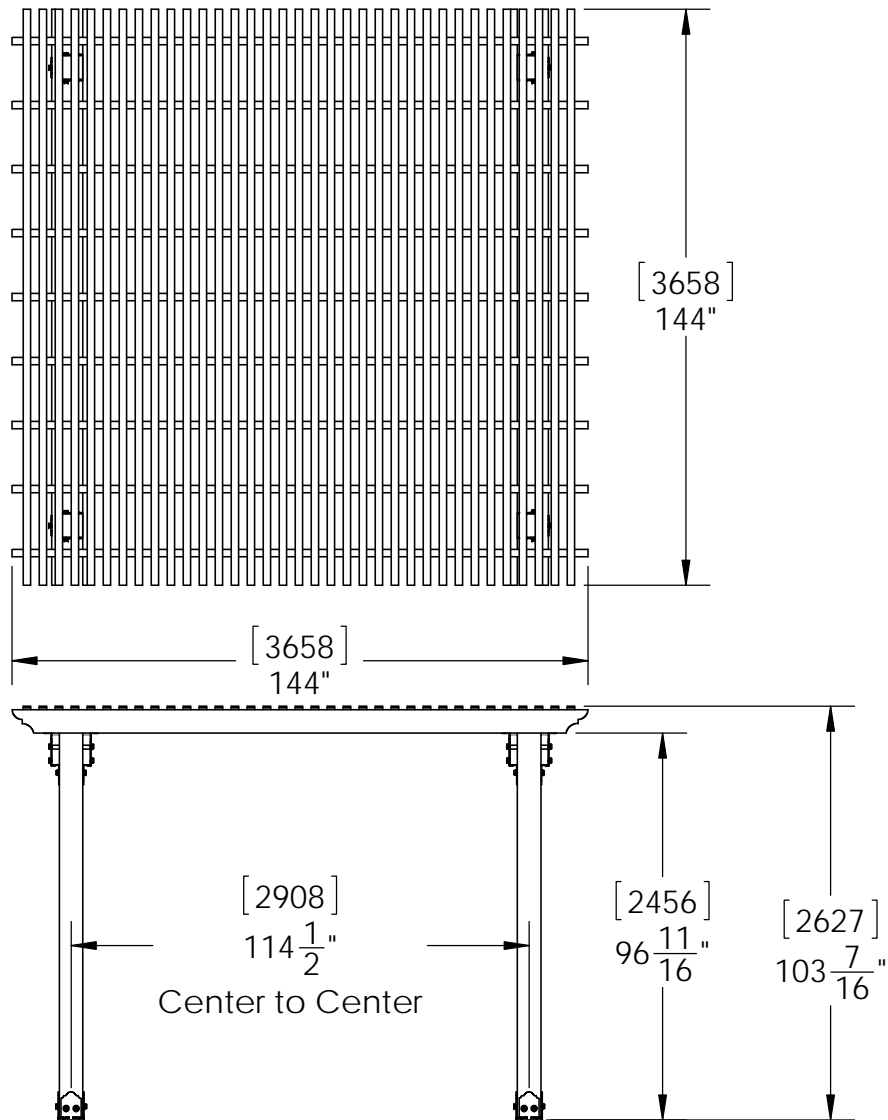
Overview

Project 320 Pergola Cedar Wood Patio Shade Structure - Free Standing
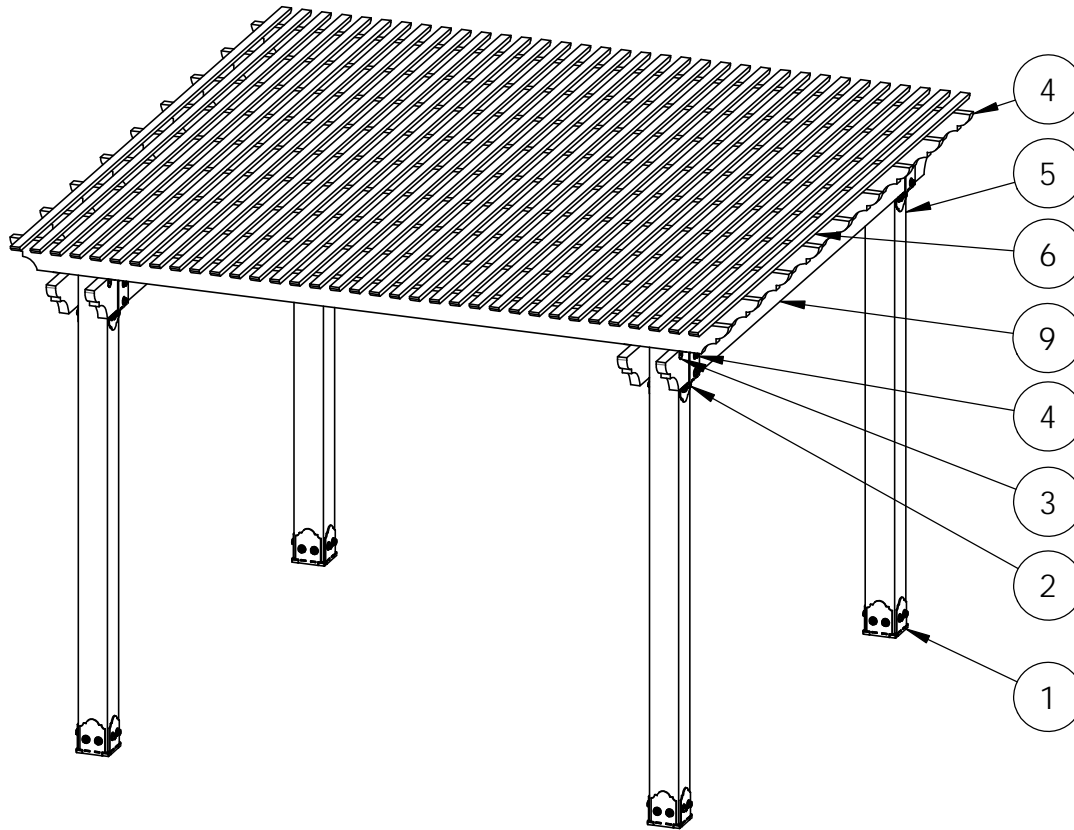
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	4	56608	Assembly, 6x6 Post Base
2	4	56637	Post to Beam Bolt Inline
3	4	56617	2" Standard Rafter Clip
4	9	2x6x12 Cedar Board	Rafter
5	4	6x6 Cedar Post	6x6x96"
6	35	1x2 Cedar Board	Purlins
7	-	-	3" Screws or Nails (not shown)
8	4	56651	OWT Timber Bolt 8-10"
9	4	2x8 Cedar Board	2x8x144"

Bill of Material

Project 320 Pergola Cedar Wood Patio Shade Structure - Free Standing
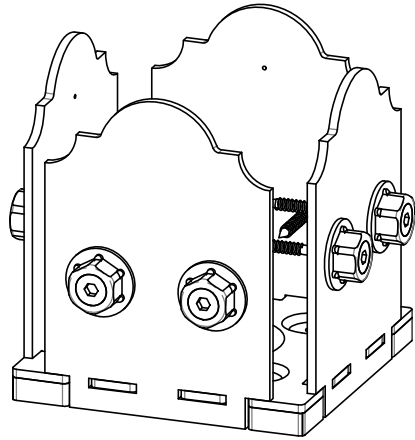
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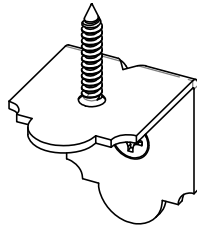
3

56608

56617

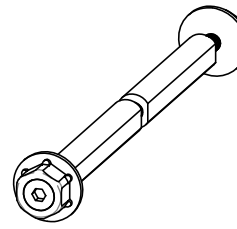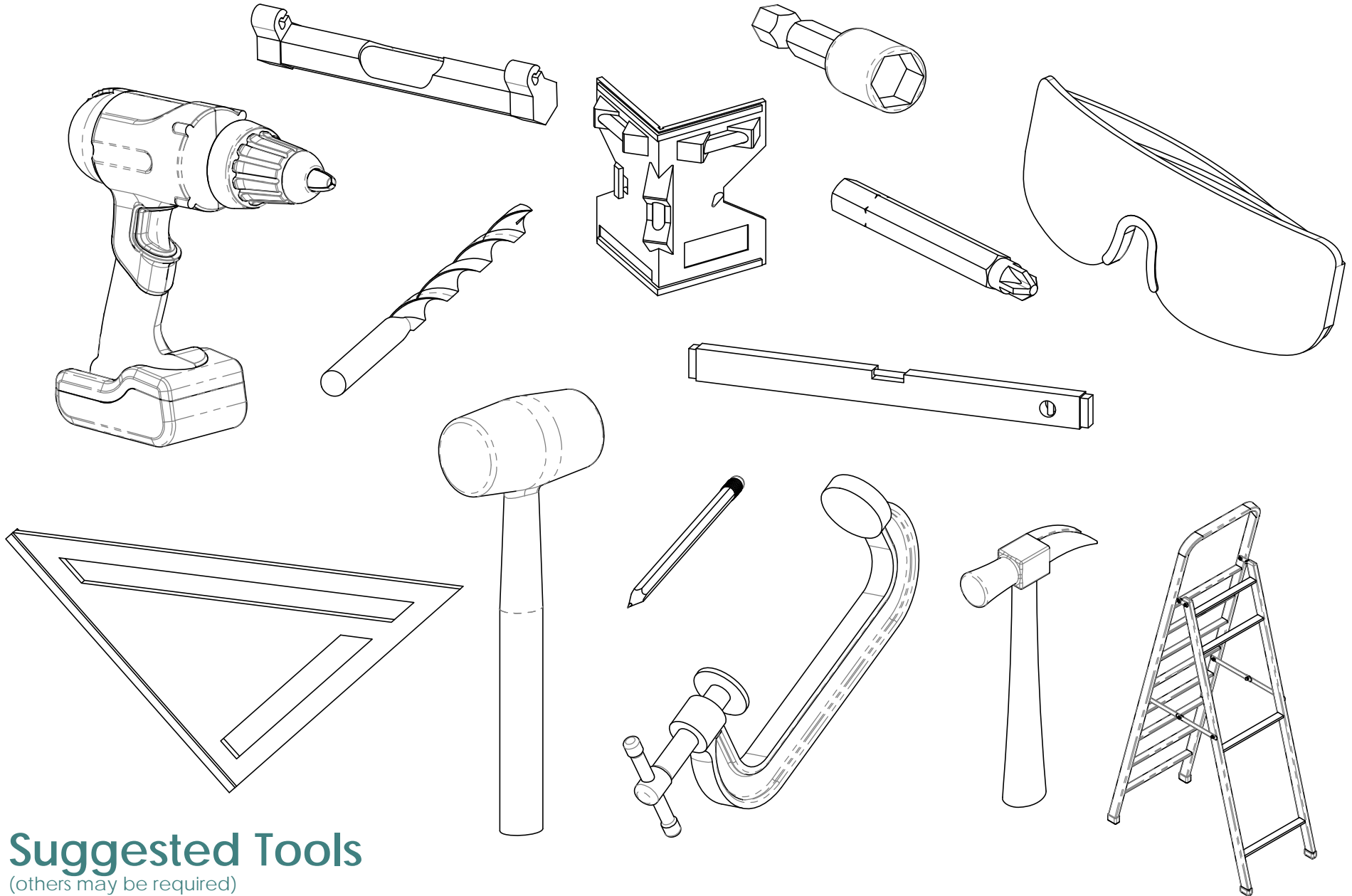56651
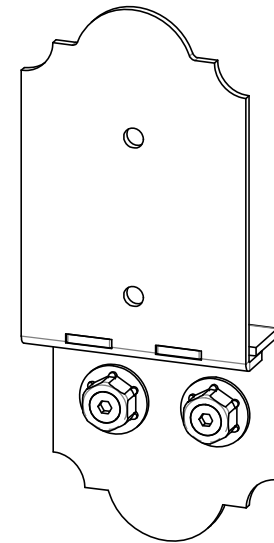
56637

install Ozco product with
instructions provided in packaging

OZCO

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Suggested Tools

(others may be required)

Project 320 Pergola Cedar Wood Patio Shade Structure - Free Standing

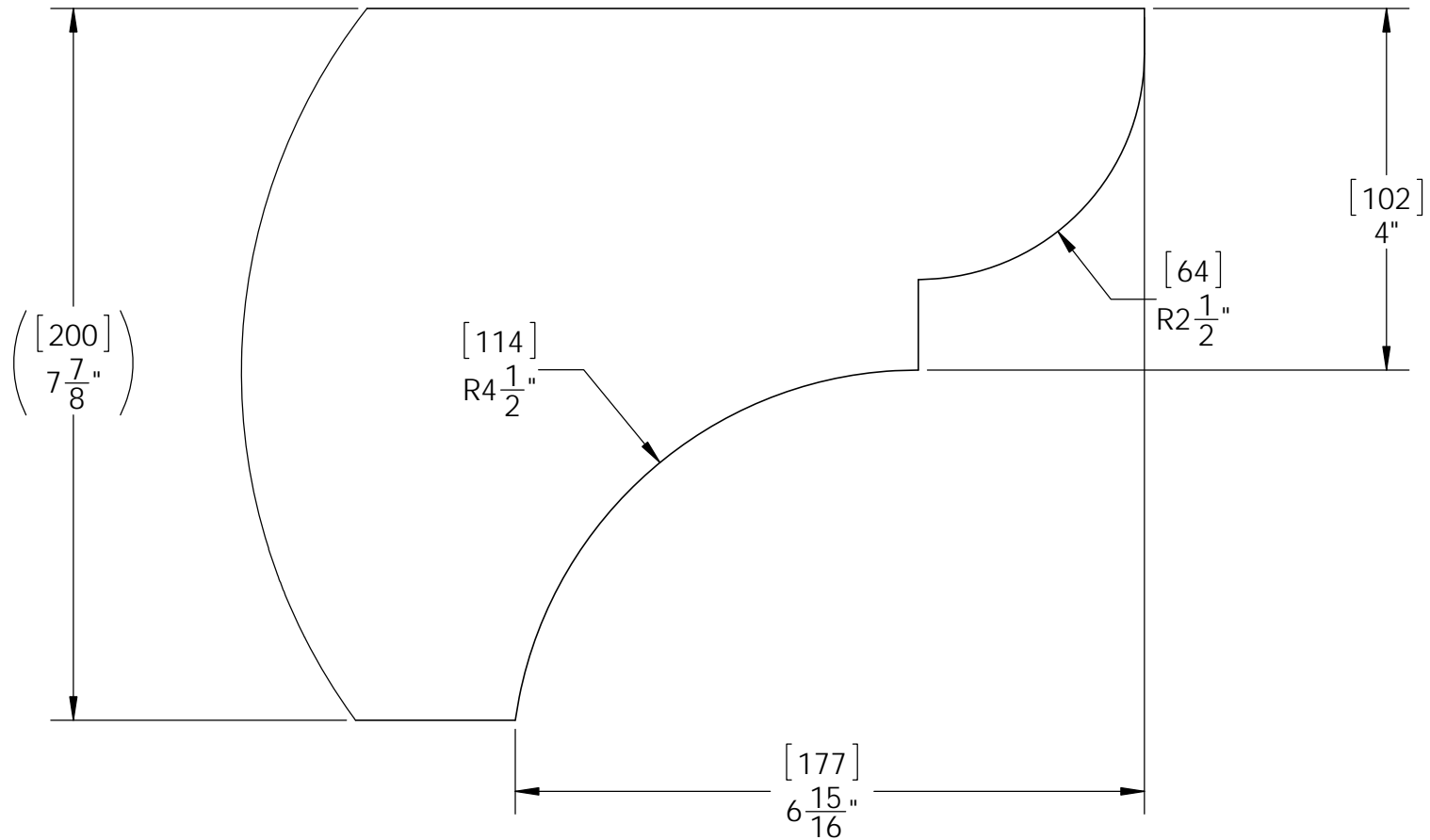V1.00 - Installation Instructions effective May 1, 2015 and reflects information that available as of April 10, 2014. This information is updated periodically and should not be relied upon after May 1, 2015. Please visit www.OZCOBP.com to get current information

5

$\left[\dfrac{3658}{144"}\right]$

1x2x12

$\left[\dfrac{22}{\dfrac{7}{8}"}\right]$

$\left[\dfrac{13}{\dfrac{1}{2}"}\right]$ X 45°

both ends

$\left[\dfrac{3658}{144"}\right]$

2x6x12

$\left(\left[\dfrac{149}{5\dfrac{7}{8}"}\right]\right)$

see template page

$\left[\dfrac{3658}{144"}\right]$

2x8x12

$\left(\left[\dfrac{200}{7\dfrac{7}{8}"}\right]\right)$

see template page
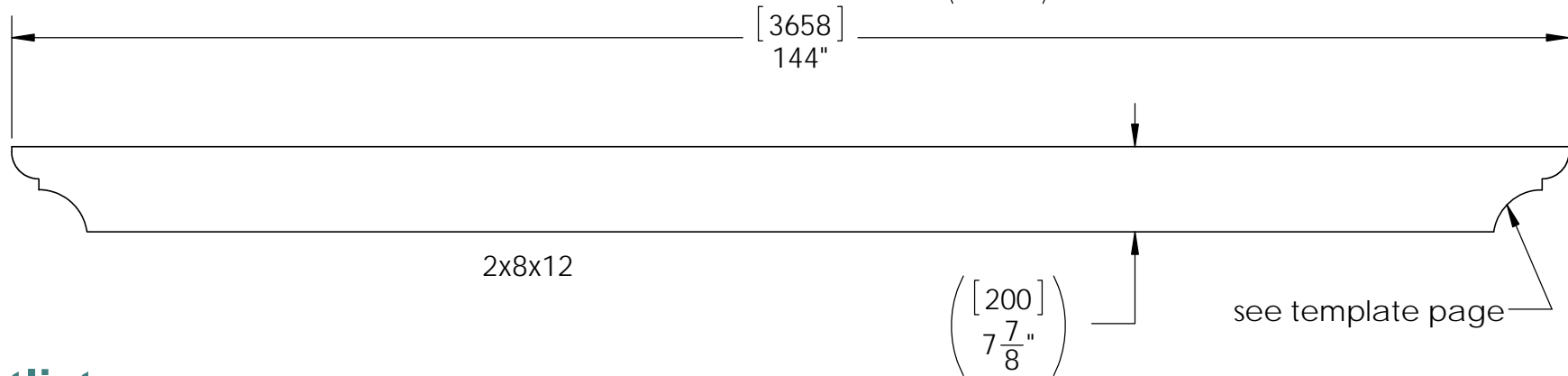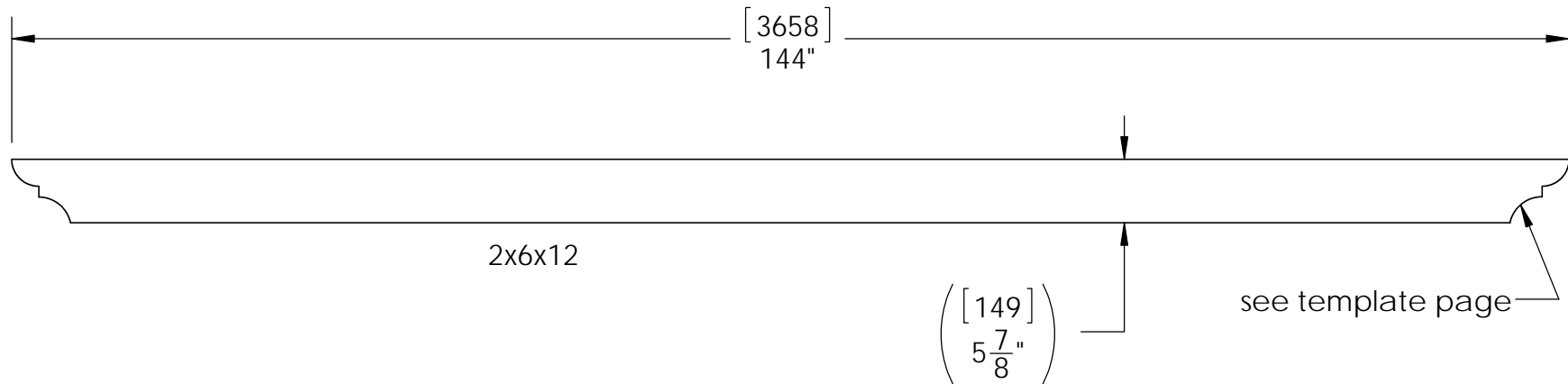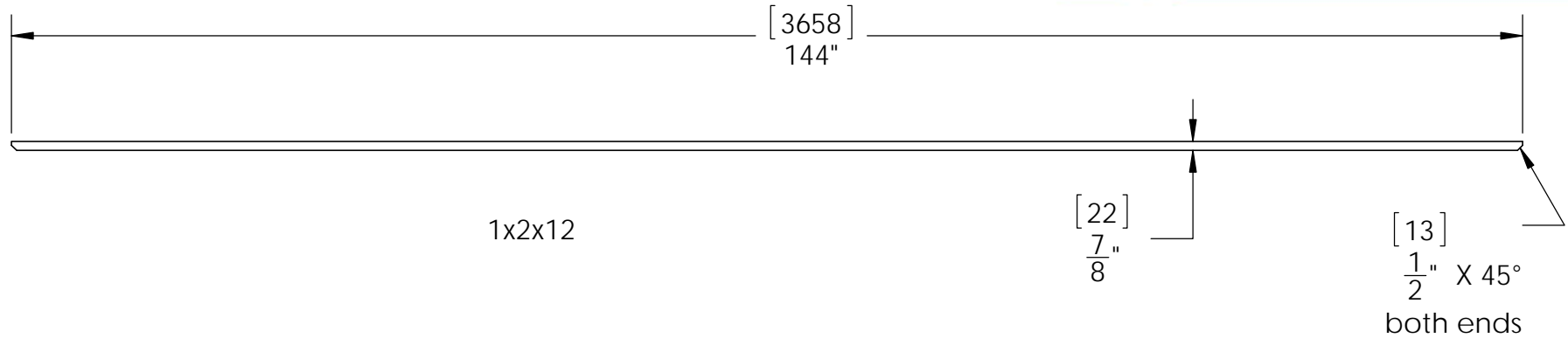
Cutlist

Project 320 Pergola Cedar Wood Patio Shade Structure - Free Standing

$\left[149\right]$
$5\frac{7}{8}"$

$\left[89\right]$
$3\frac{1}{2}"$

$\left[64\right]$
R2$\frac{1}{2}"$

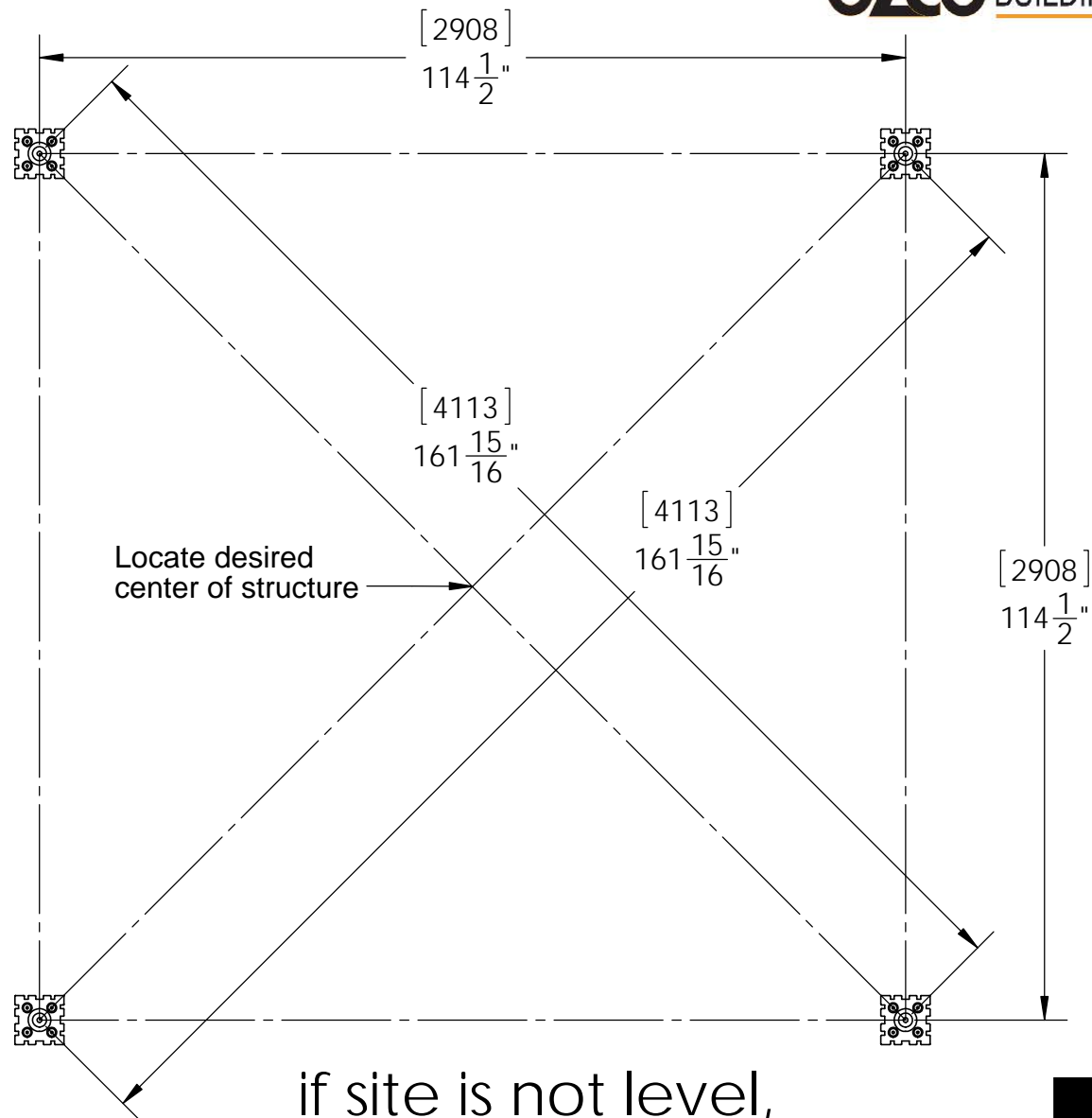$\left[76\right]$
R3"

$\left[138\right]$
$5\frac{7}{16}"$
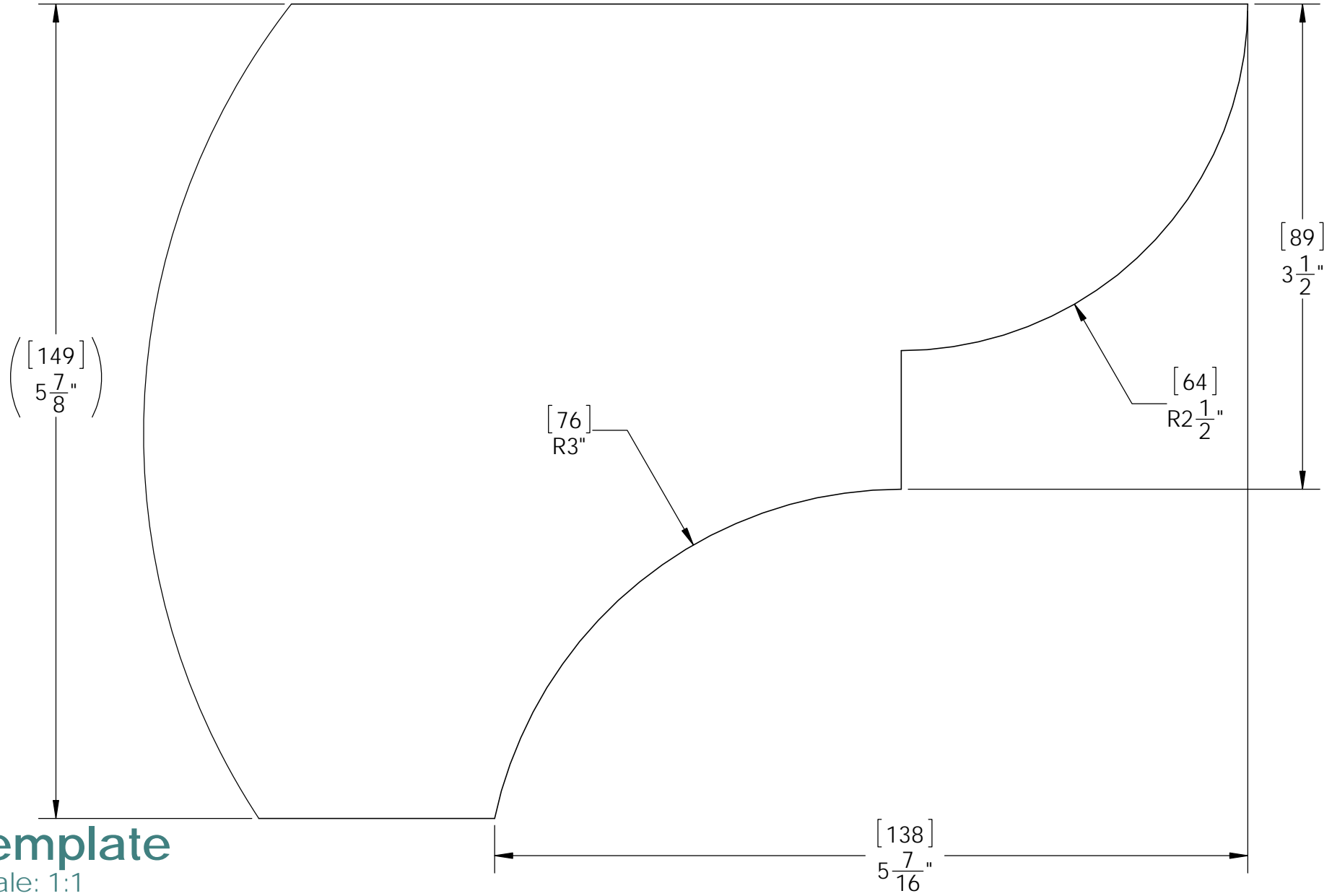
Template

scale: 1:1

Project 320 Pergola Cedar Wood Patio Shade Structure - Free Standing

7

$\begin{bmatrix} 200 \end{bmatrix}$
$7\frac{7}{8}$"

$\begin{bmatrix} 114 \end{bmatrix}$
R$4\frac{1}{2}$"

$\begin{bmatrix} 64 \end{bmatrix}$
R$2\frac{1}{2}$"

$\begin{bmatrix} 102 \end{bmatrix}$
4"

$\begin{bmatrix} 177 \end{bmatrix}$
$6\frac{15}{16}$"

Template
scale: 1:2

Project 320 Pergola Cedar Wood Patio Shade Structure - Free Standing

$[2908]$
$114\frac{1}{2}"$

$[4113]$
$161\frac{15}{16}"$

$[4113]$
$161\frac{15}{16}"$
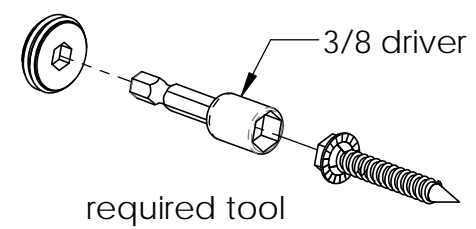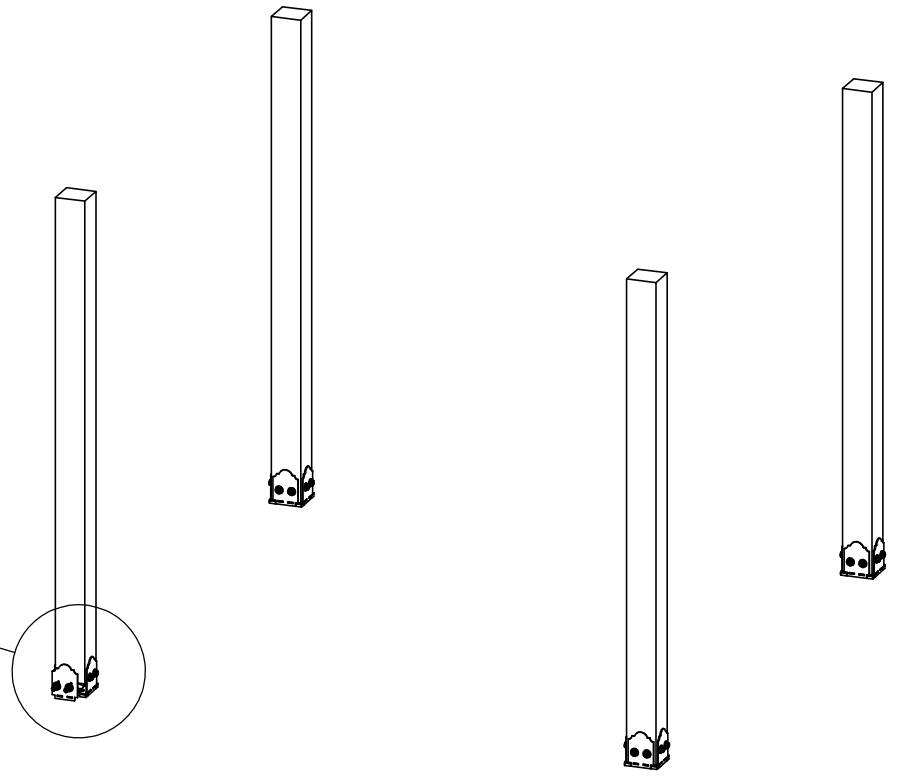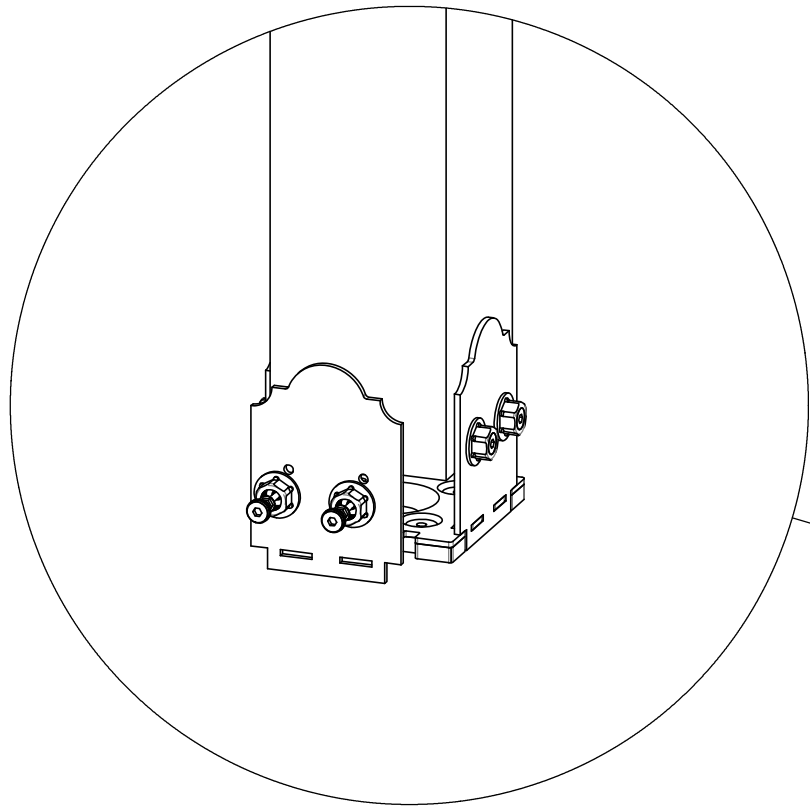
Locate desired center of structure →

$[2908]$
$114\frac{1}{2}"$

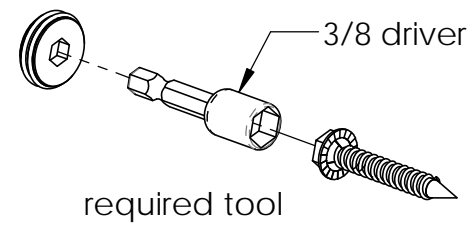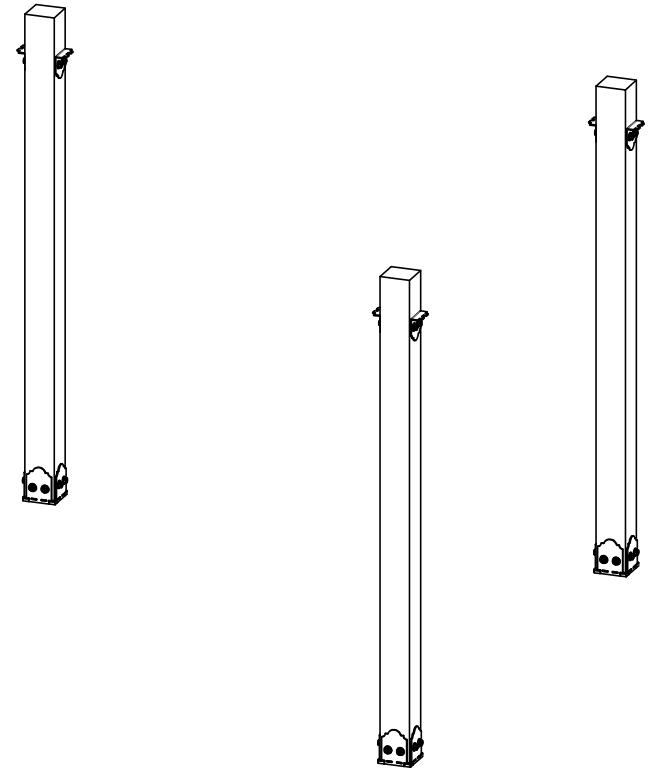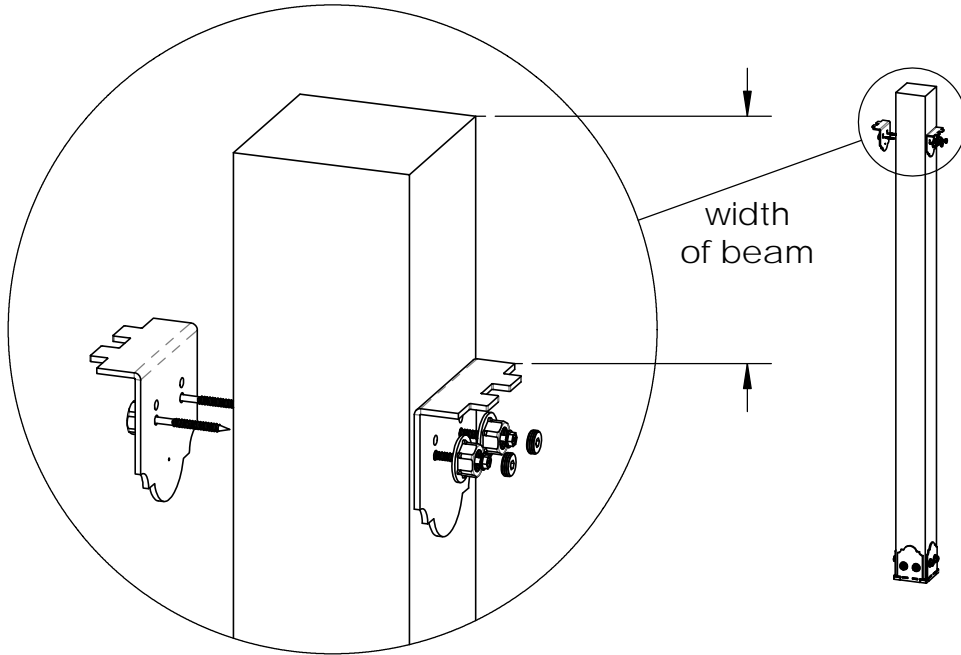# if site is not level,
see Ozco Site Leveling instruction

site plan
Project 320 Pergola Cedar Wood Patio Shade Structure - Free Standing

3/8 driver

required tool

step 1

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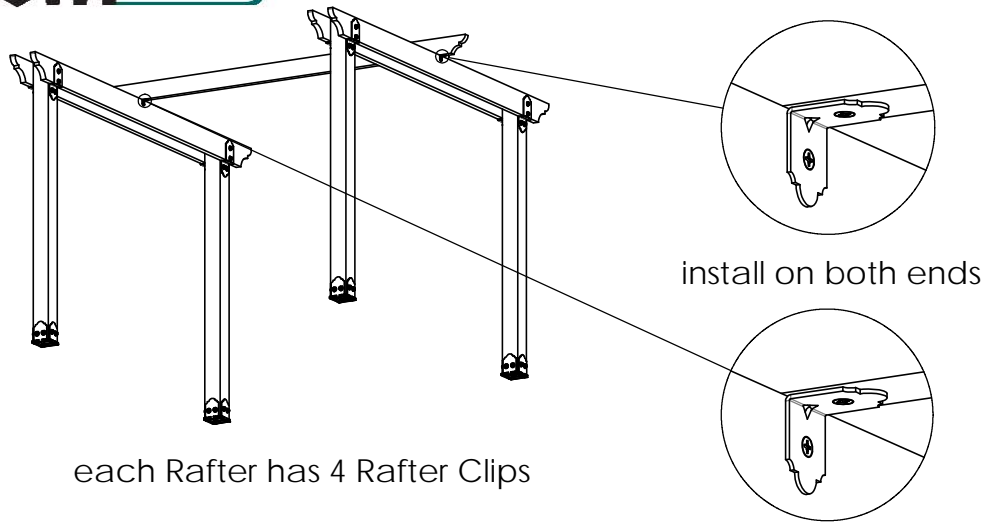
10

width
of beam

3/8 driver

required tool

step 2

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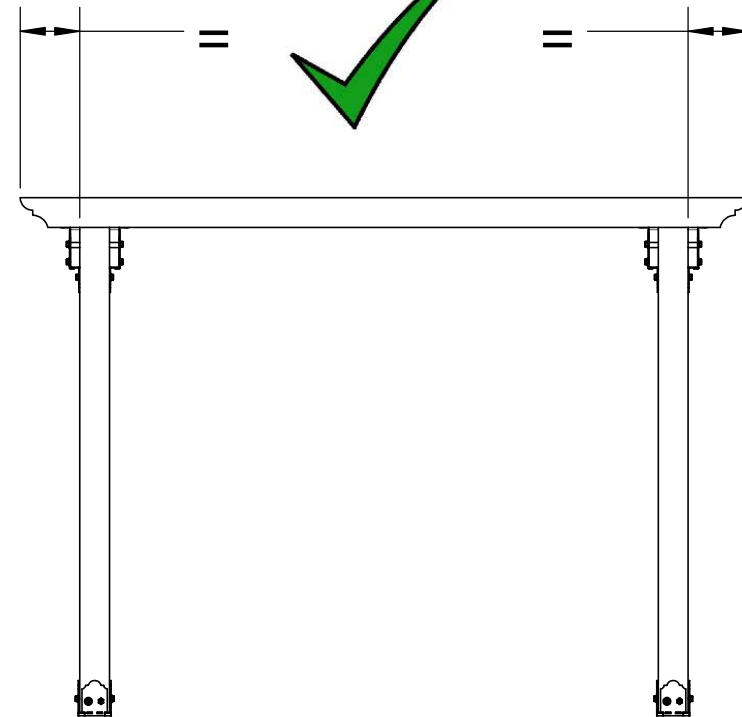
11

3/8 driver

required tool

step 3

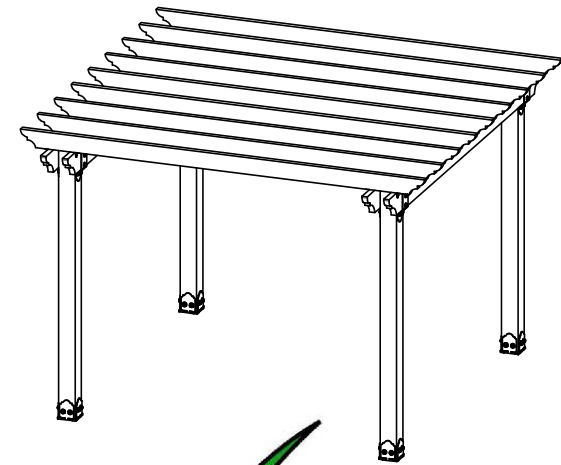**Project 320 Pergola Cedar Wood Patio Shade Structure - Free Standing**

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install on both ends
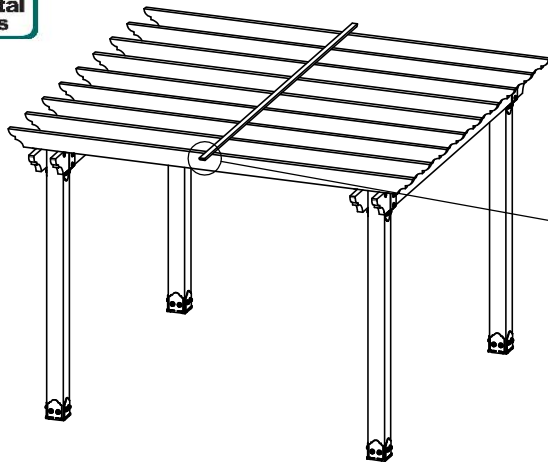
each Rafter has 4 Rafter Clips

$\mathcal{C}_L$

$\begin{bmatrix} 406 \end{bmatrix}$
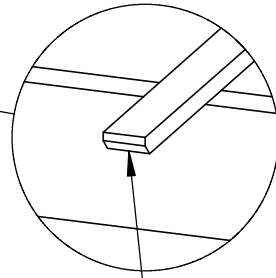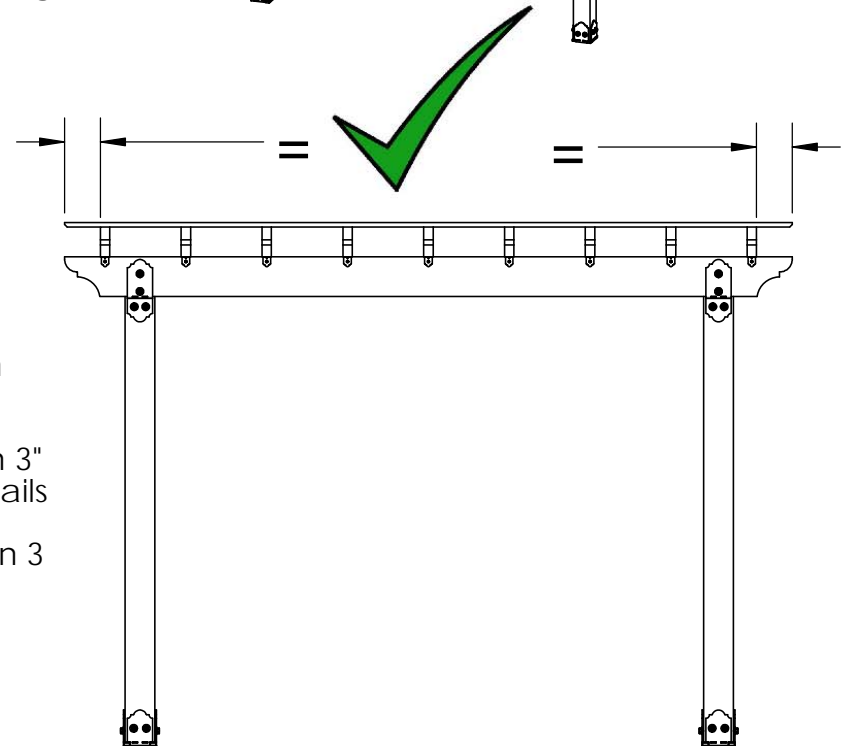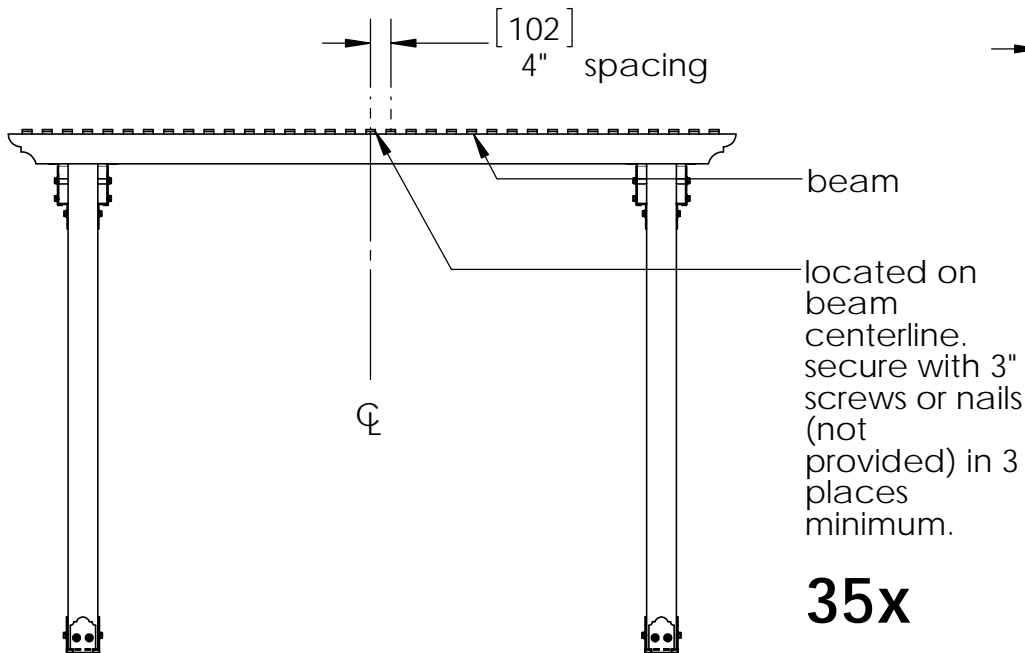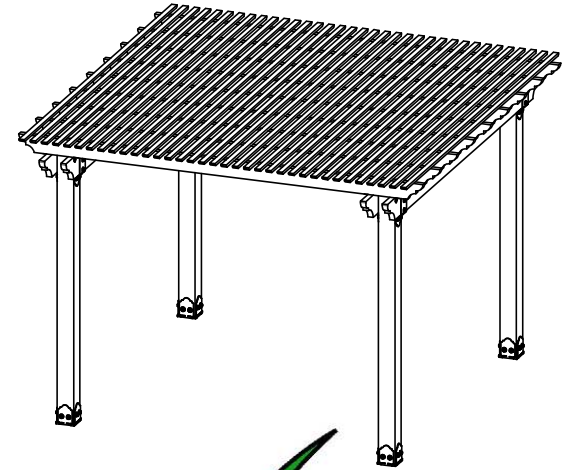16" spacing

beam

located on beam centerline

9x

$\mathcal{C}_L$
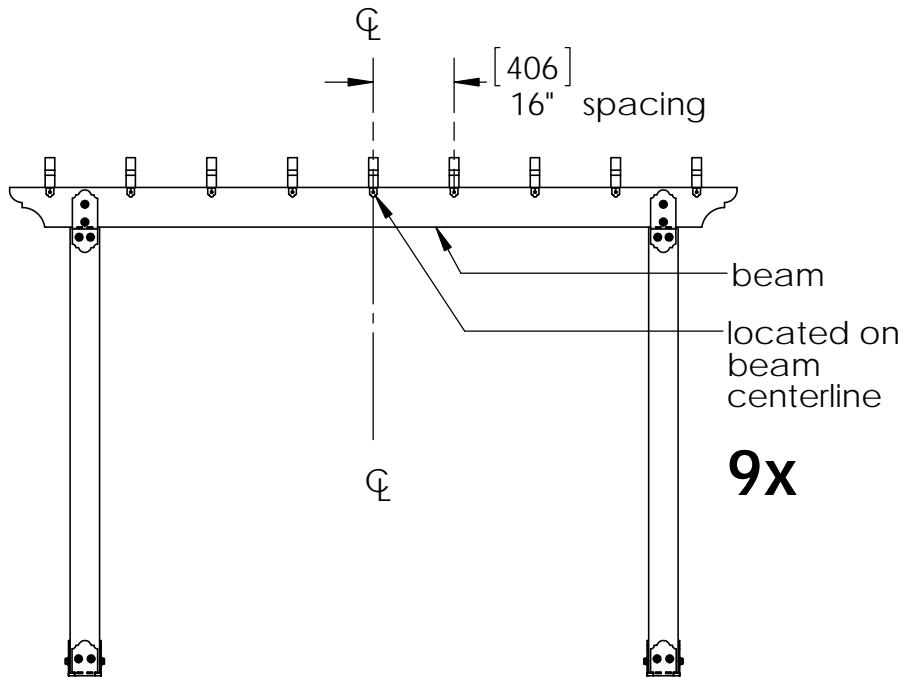
step 4
Project 320 Pergola Cedar Wood Patio Shade Structure - Free Standing

secure with nails or screws

note bevel edge

[102]
4" spacing

beam

located on beam centerline. secure with 3" screws or nails (not provided) in 3 places minimum.

35x

CL

=   =

step 5

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