OZCO Project #340 - DIY Vineyard Pergola Overview (10x20)

OWT Ornamental Wood Ties
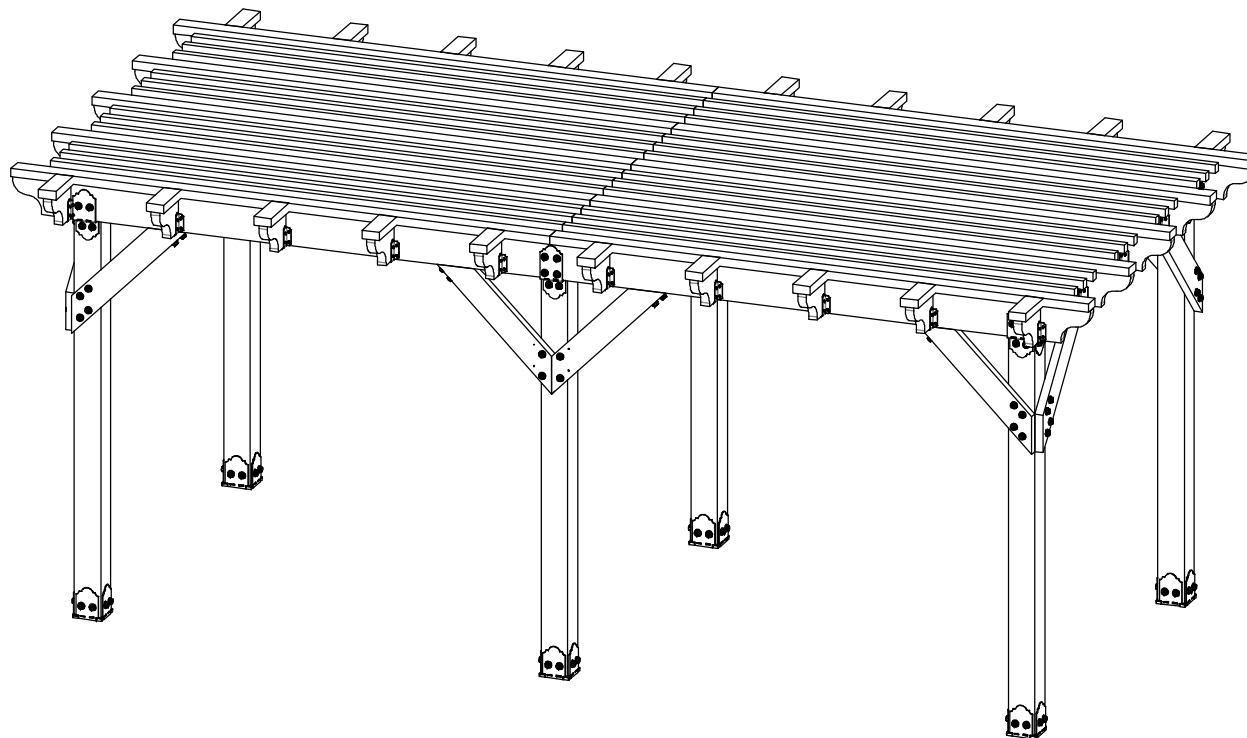
for dimensional details, see Overview page

OZCO BUILDING PRODUCTS

20'0"

10'$\frac{3}{8}$"

7'4$\frac{13}{16}$"

8'2$\frac{9}{16}$"

8'8"

17'4"

7'4$\frac{1}{8}$"

=   =
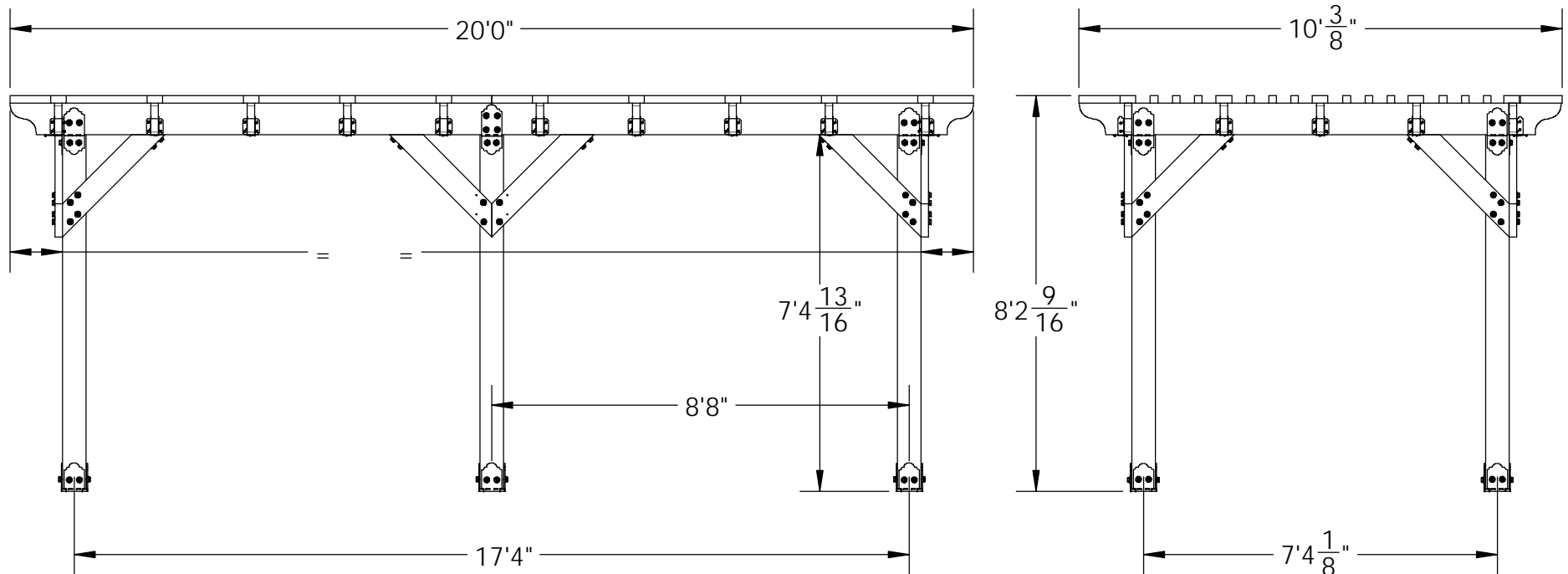
Project 340 (10x20)

DIY Vineyard Pergola Overview
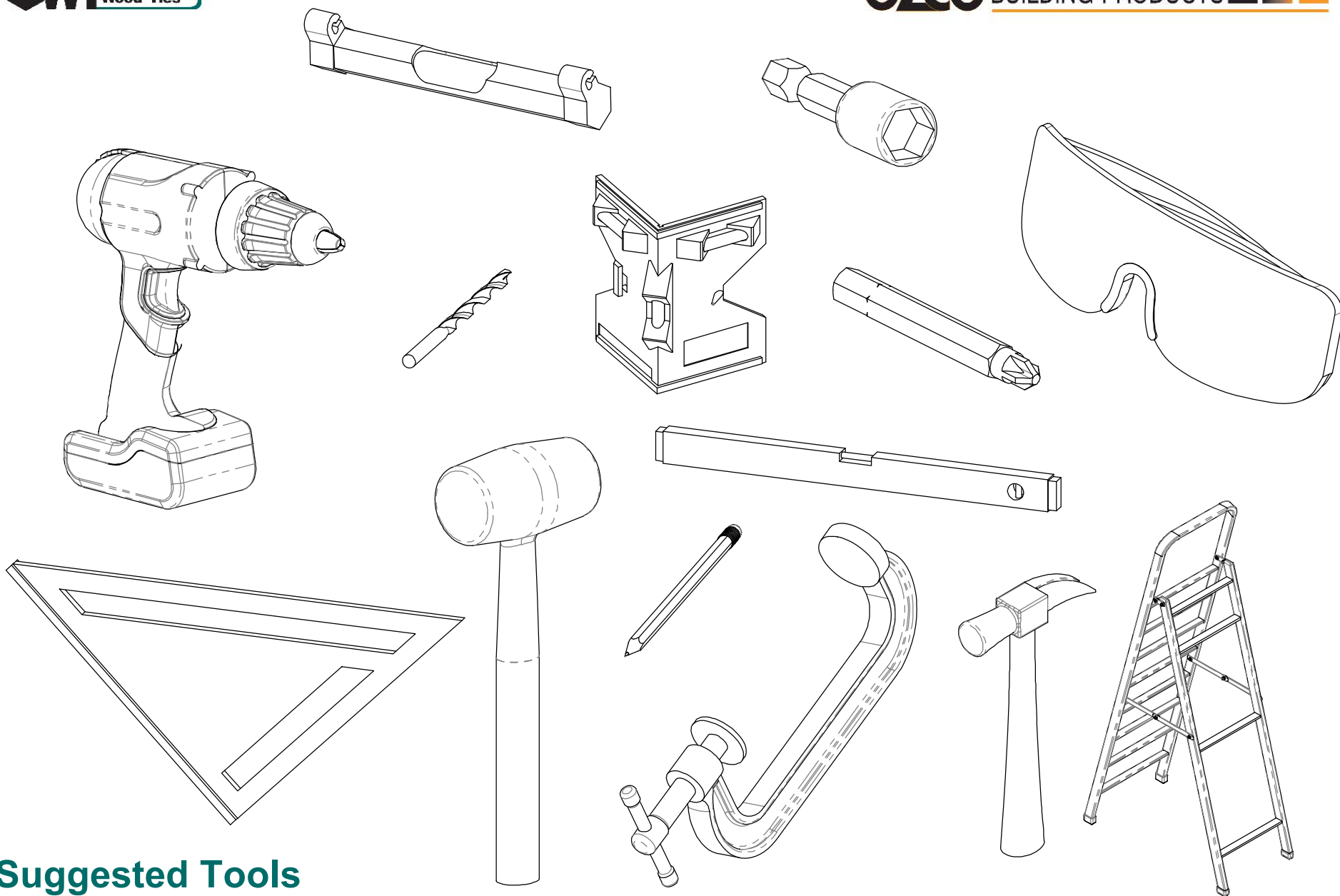
Suggested Tools
(others may be required)

DIY Vineyard Pergola Overview

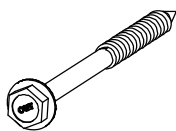| QTY.	PART NUMBER	DESCRIPTION
6	56608	6x6 Post Base (6x6-PB-LS)
4	56610	8" Post to Beam (P2B-LS-8)
8	56650	OWT Timber Bolt 6-8"
1	56677	8" Post to Beam Coupler (P2B-SB-LS)
2	56628	OWT Timber Screw 5-3/4"
5	56640	6-8" Joist Hanger Tab (JHT-68-LS)
3	56639	6-8" Joist Hanger Flush (JHF-68-LS)
6	6x6x8L	6x6x8
3	2x8x8L	2x8x8
2	4x4x12L	4x4x12
6	2x8x10L	2x8x10
8	2x6x8L	2x6x8
30	2x4x10L	2x4x10
24	2x2x10L	2x2x10

Material List 340

DIY Vineyard Material List
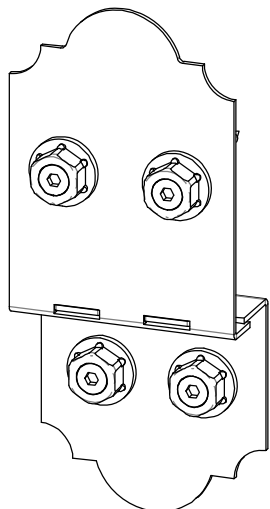
56627

56610
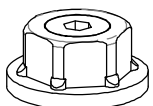
56621
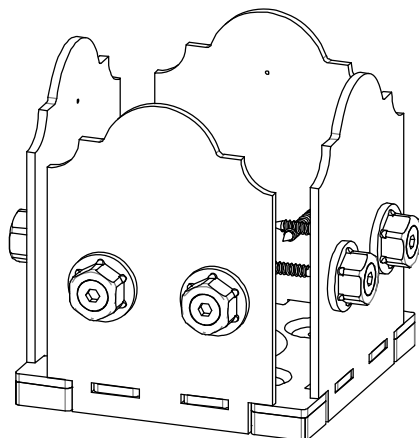
56608
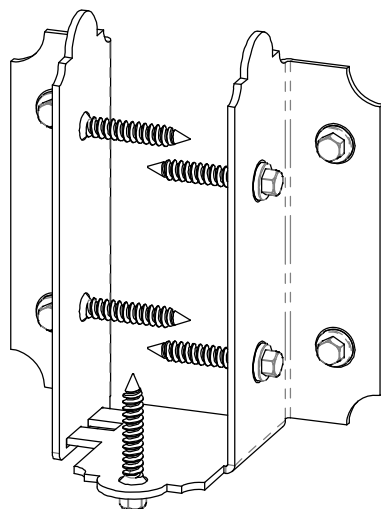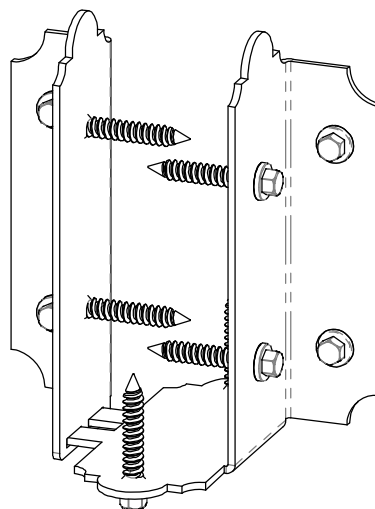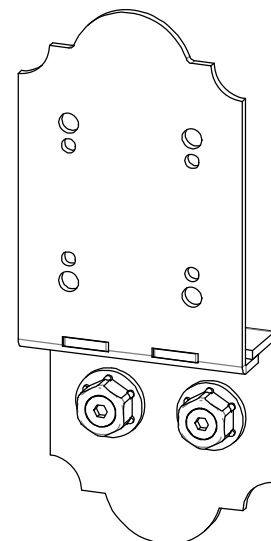
56677
(Project 327 & 340 only)

56639

56640

follow QR barcode with your smart phone or visit OZCOBP.com for product installation instructions

2x8 Cedar Board
(see Template
for end cut)

2x2 Cedar Board

2x6 Cedar Board

$11\frac{1}{8}$"

2x8 Cedar Board
(see Template
for end cut)

8'0"

10'0"

7'10"

7'10"

10'0"

9'6"

6x6 Cedar Post

2x8 Cedar Board

2x4 Cedar Board

$10\frac{7}{16}$"

2x4 Cedar Board
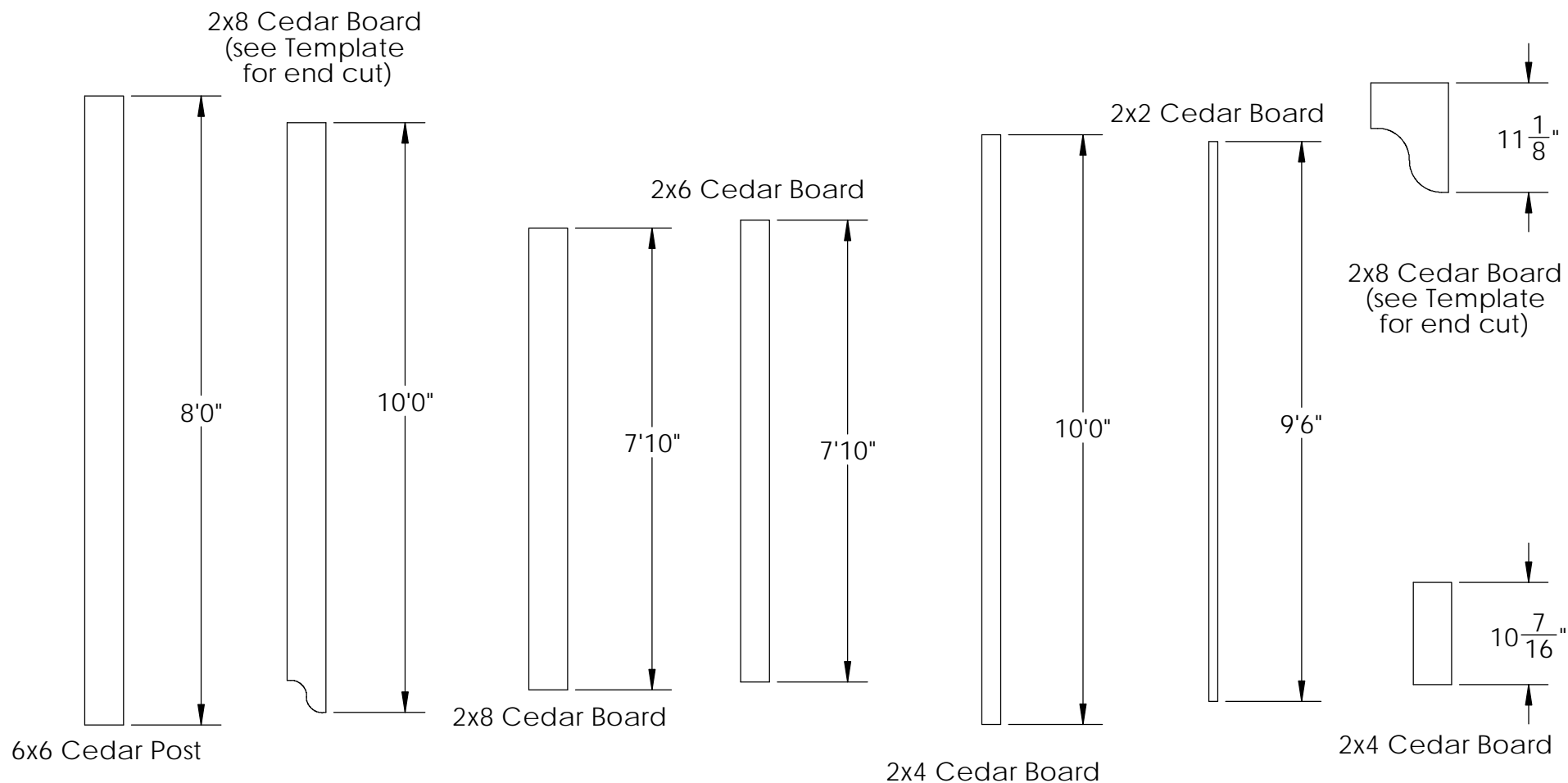
Support defined on separate sheet

Project 340 & 340S DIY Vineyard Pergola (10x20) Cutlist

DIY Vineyard Pergola Cutlist

$\frac{11}{16}$"

$\left(7\frac{7}{8}"\right)$

2x R3$\frac{1}{4}$"

$\frac{11}{16}$"

6$\frac{1}{2}$"
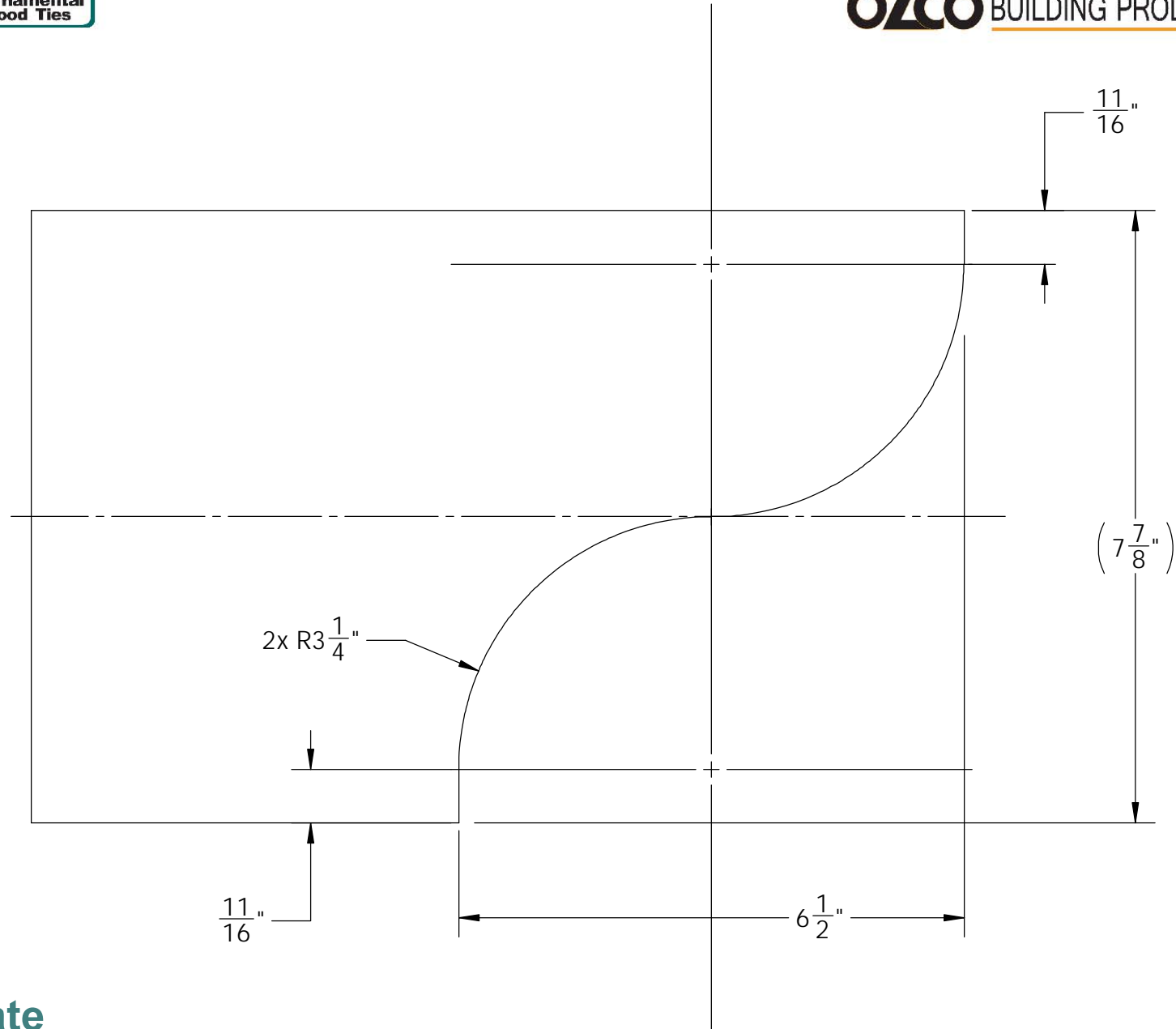
Template
(scale: 1/2)

DIY Vineyard Pergola Cutlist

8'8"

18'10"

Locate desired
center of structure

7'4 $\frac{1}{8}$"

17'4 $\frac{1}{8}$"
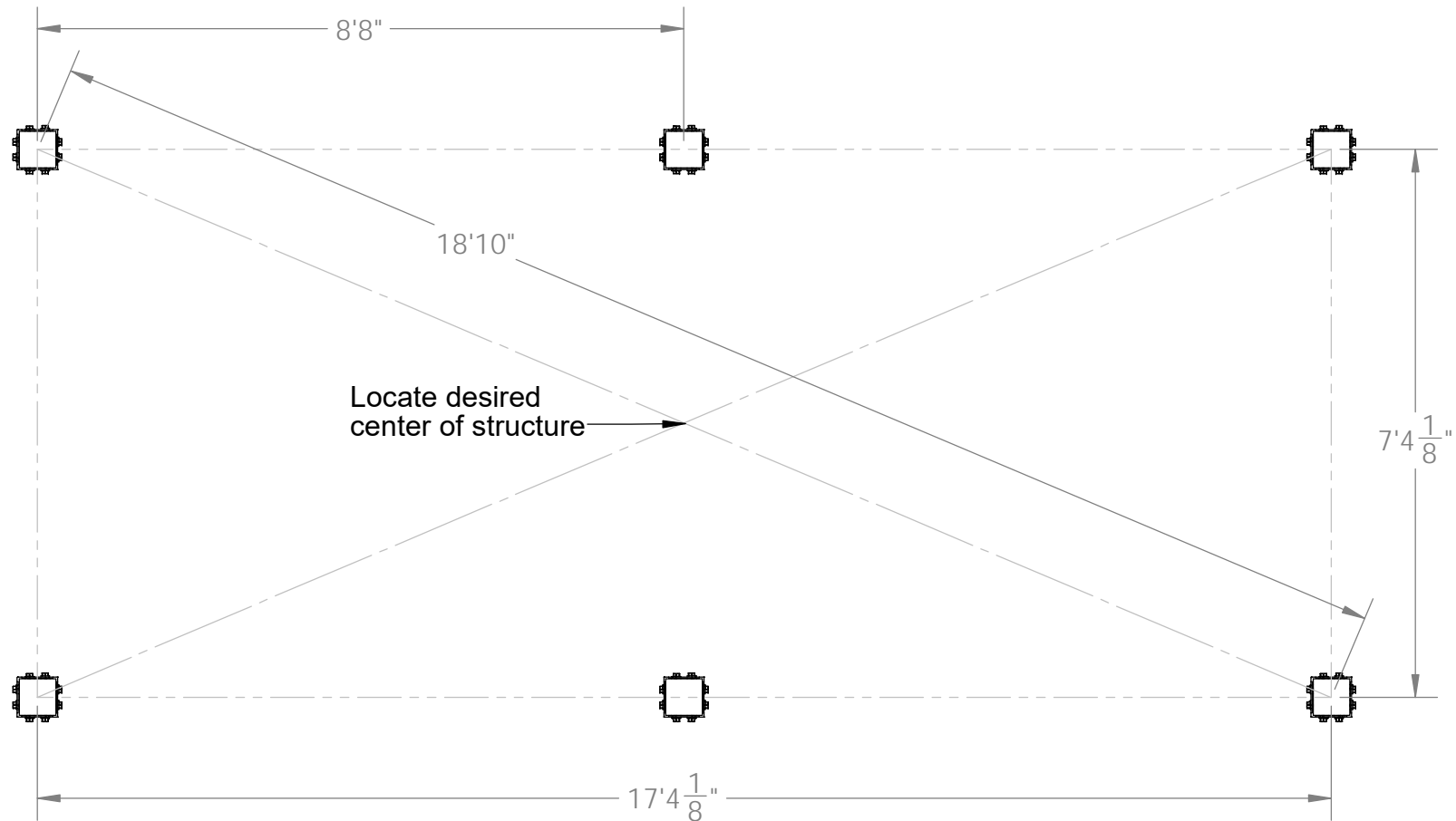
if site is not level,
see Ozco Site Leveling instruction

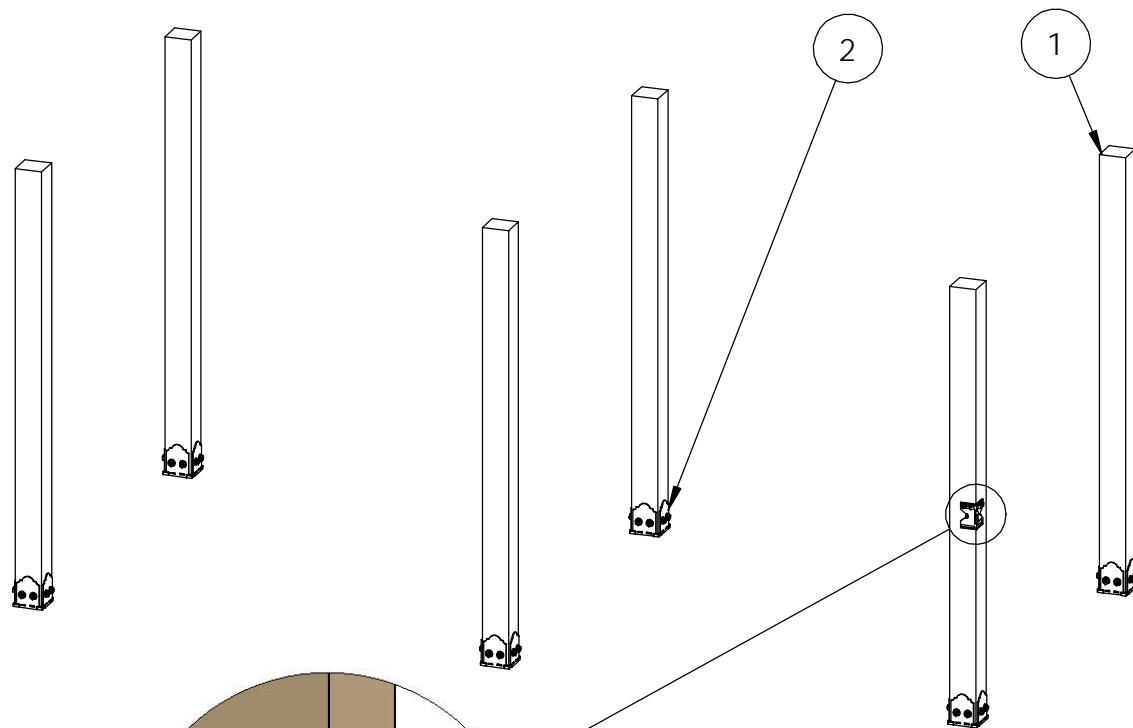**Project 340S & Project 340 (10x20)**

DIY Vineyard Pergola Base

for dimensional details, see Overview page
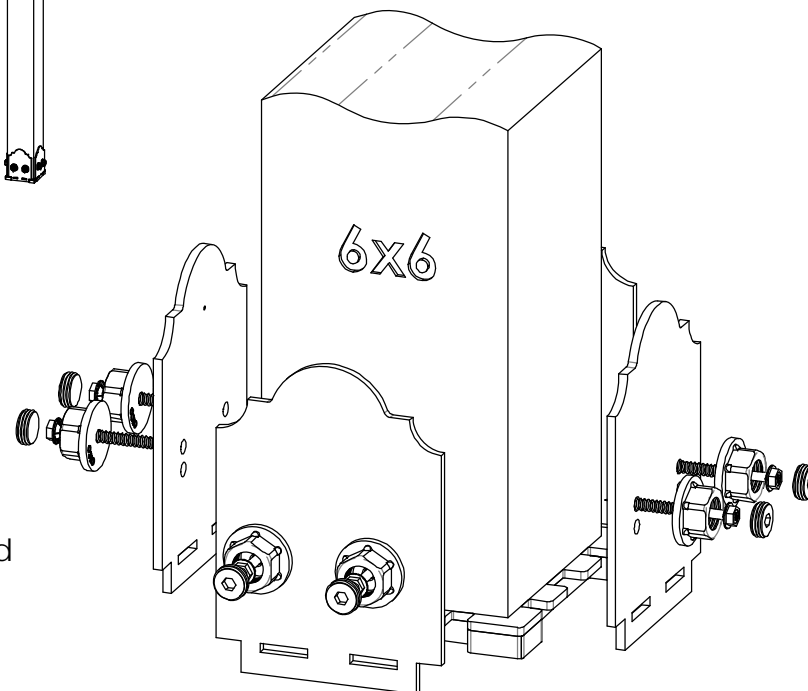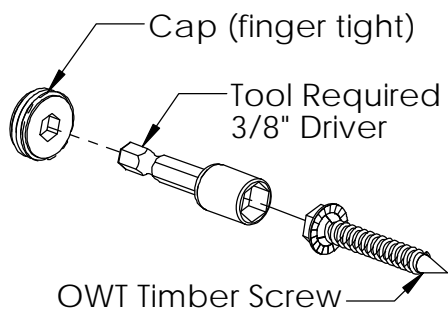
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	6	6x6 Cedar Post	6x6x8'0"
2	6	56608	6x6 Post Base Kit (6X6-PB-LS)
3	4	56610	Lite 8" Post 2 Beam (8- P2B-LSL)
4	1	56677	8" Post to Beam Coupler (P2B-SB-LS)

6x6

Cap (finger tight)

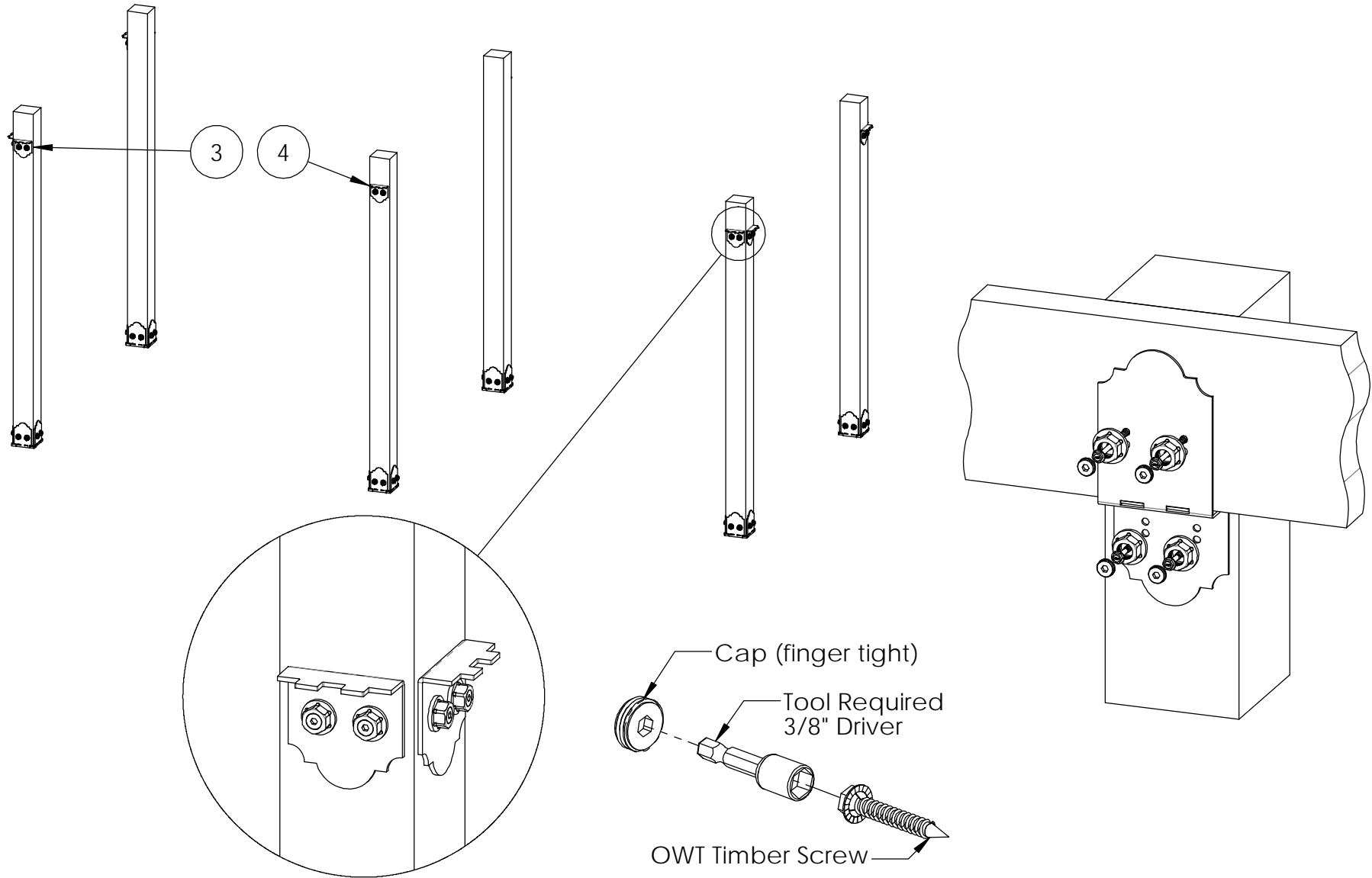Tool Required 3/8" Driver

OWT Timber Screw
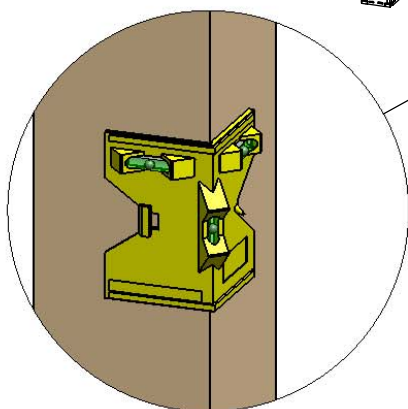
Tip:
To ensure level posts, use Post Level
(OZCO #50740; not included)

Project 340 (10x20) step 1

DIY Vineyard Pergola Base

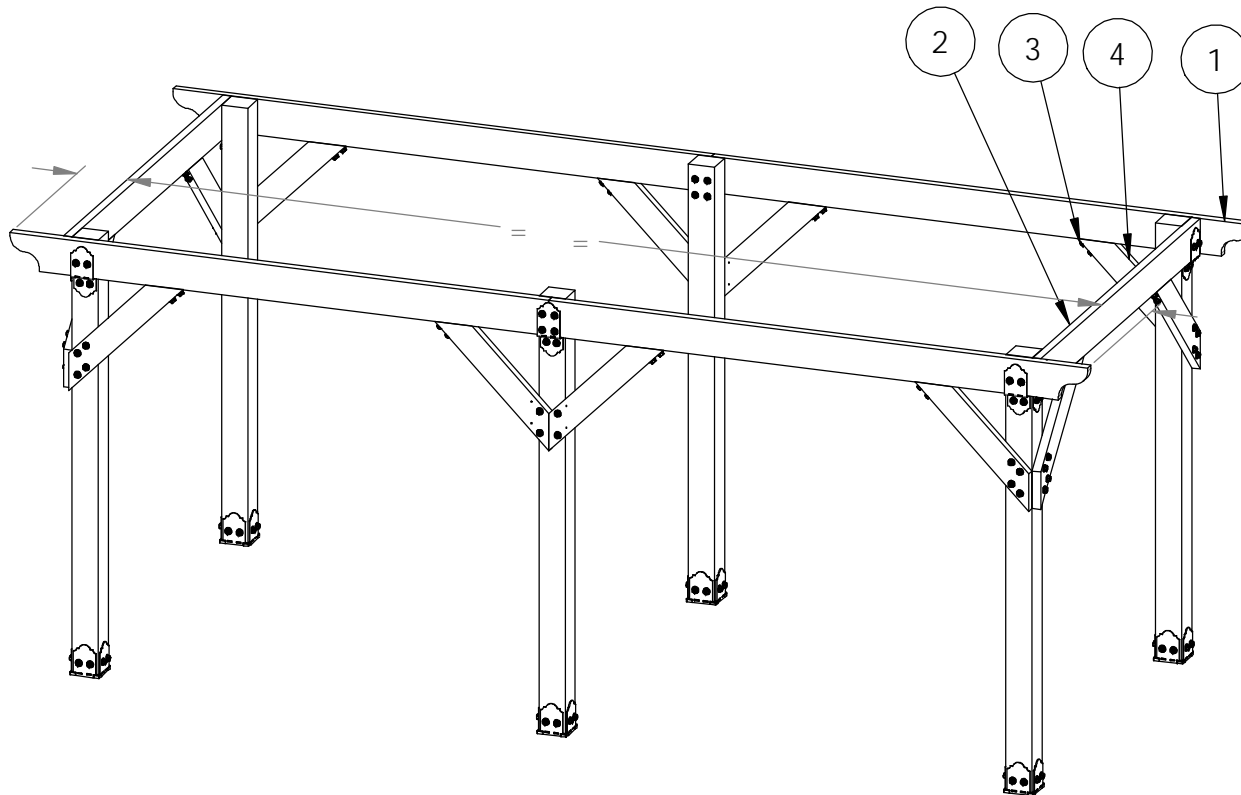for dimensional details, see Overview page

OWT Ornamental Wood Ties

OZCO BUILDING PRODUCTS

③ ④

Cap (finger tight)

Tool Required
3/8" Driver

OWT Timber Screw

Project 340 (10x20) step 2

DIY Vineyard Pergola Base

for dimensional details, see Overview page

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	4	2x8 Cedar Board	2x8x10'0"
2	2	2x8 Cedar Board	2x8x7'9 7/8"
3	2	56628	Screw, OWT 5-3/4" (145mm) Timber with HCN
4	12	2x6 Cedar Board	2x6x3'0"

Project 340S & Project 340 (10x20)

DIY Vineyard Pergola Beam & Support 20 feet

for dimensional details, see Overview page

Cap (finger tight)

Tool Required 3/8" Driver

OWT Timber Screw
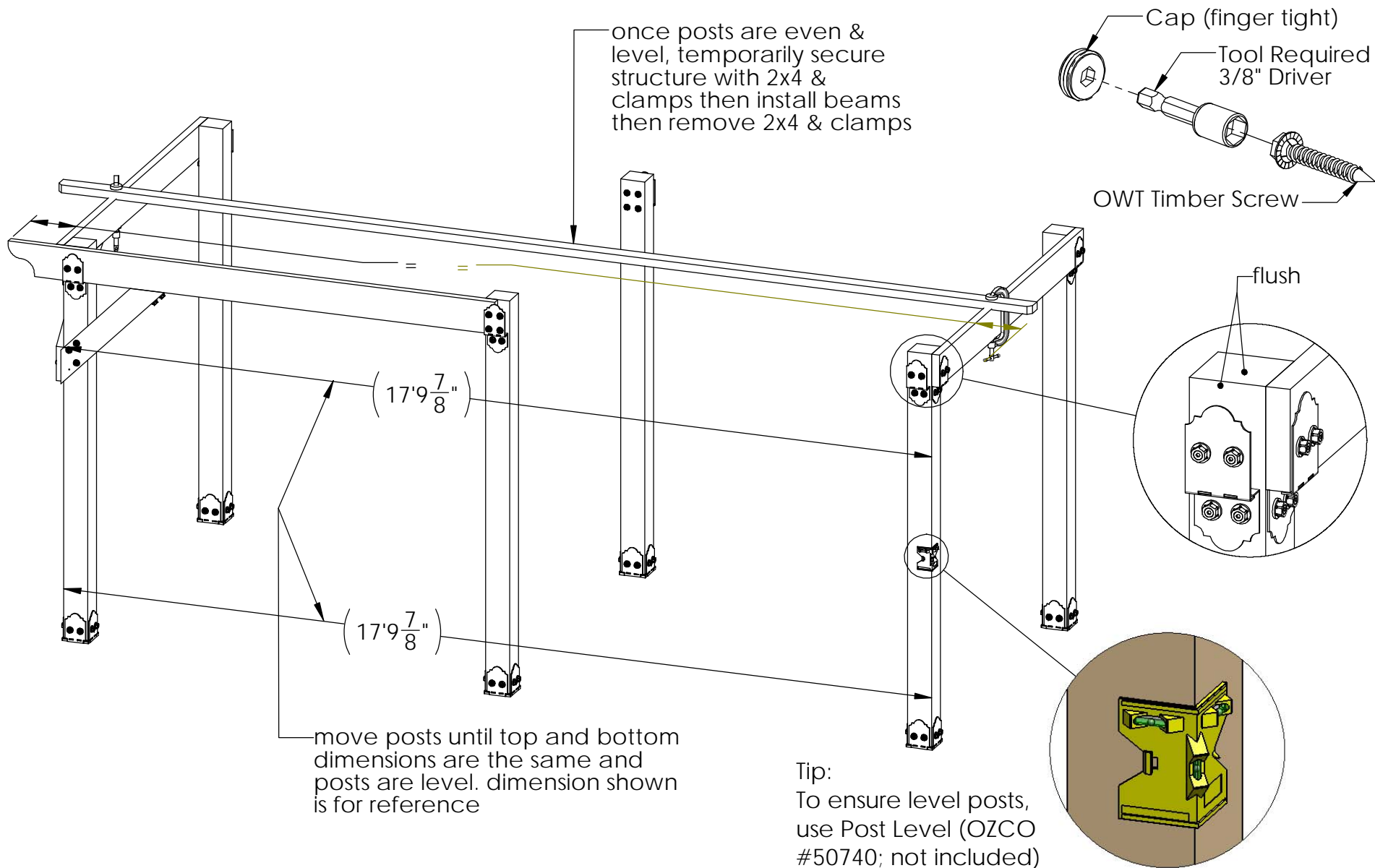
OWT Ornamental Wood Ties

OZCO BUILDING PRODUCTS

flush

flush

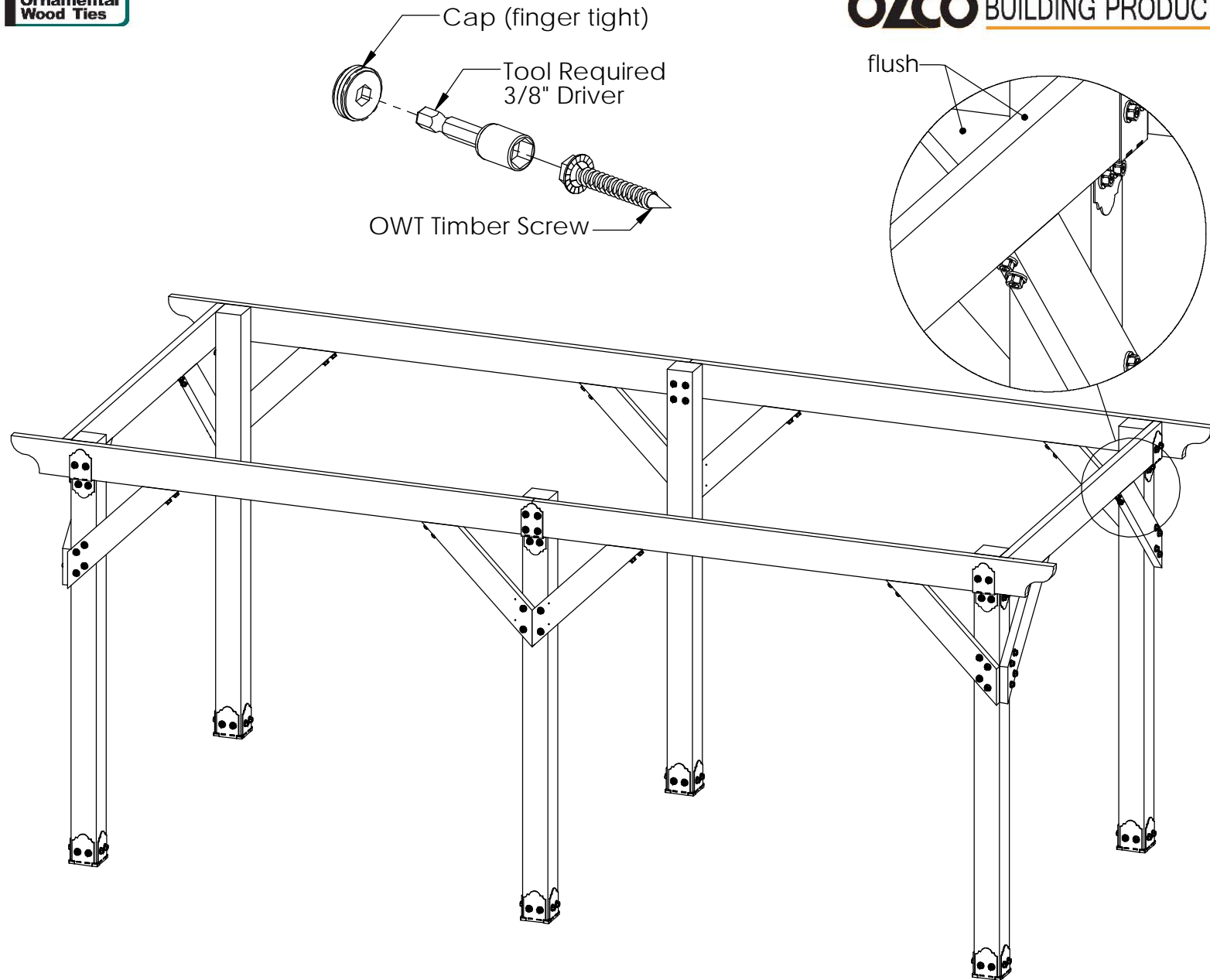# Project 340S & Project 340 (10x20) step 3

DIY Vineyard Pergola Beam & Support 20 feet

for dimensional details, see Overview page

once posts are even & level, temporarily secure structure with 2x4 & clamps then install beams then remove 2x4 & clamps

Cap (finger tight)

Tool Required 3/8" Driver

OWT Timber Screw

flush

$\left(17'9\frac{7}{8}"\right)$

$\left(17'9\frac{7}{8}"\right)$

move posts until top and bottom dimensions are the same and posts are level. dimension shown is for reference

Tip:
To ensure level posts, use Post Level (OZCO #50740; not included)

Project 340S & Project 340 (10x20) step 4

for dimensional details, see Overview page

DIY Vineyard Pergola Beam & Support 20 feet

Cap (finger tight)

Tool Required
3/8" Driver

OWT Timber Screw

flush

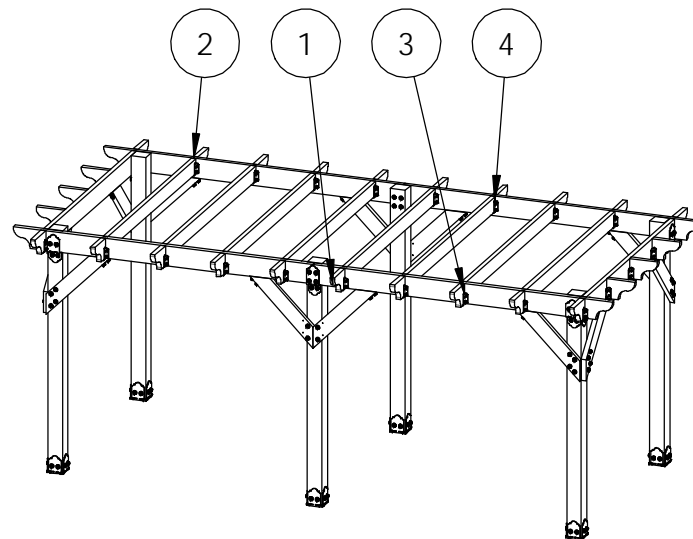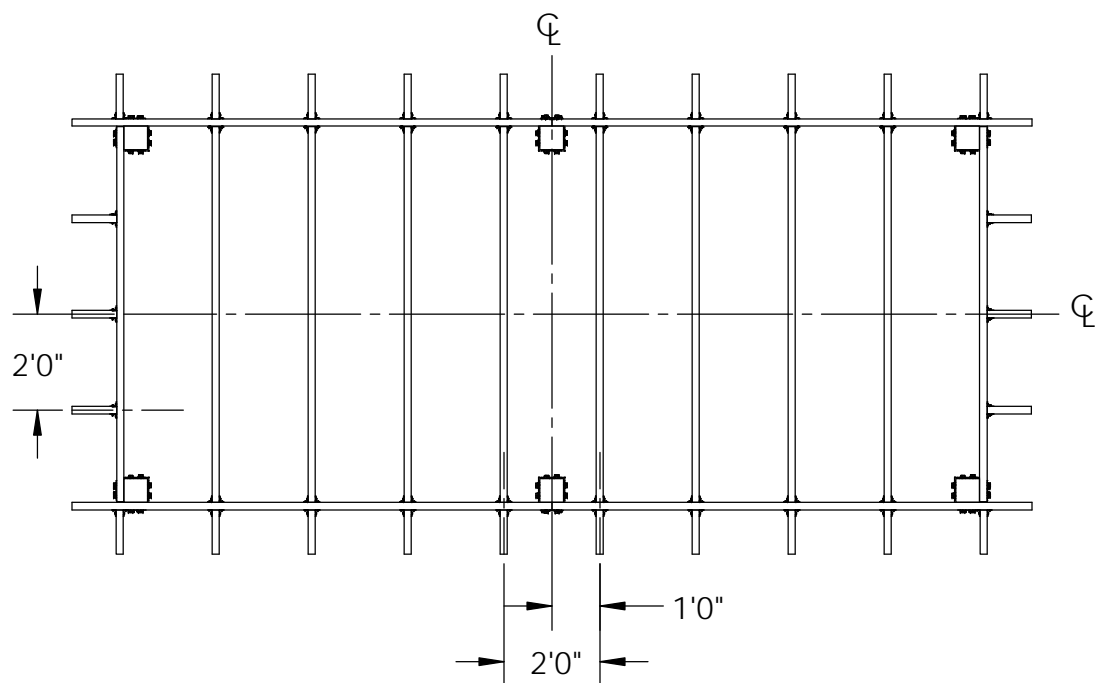# Project 340S & Project 340 (10x20) step 5

DIY Vineyard Pergola Beam & Support 20 feet

for dimensional details, see Overview page

OWT Ornamental Wood Ties

OZCO BUILDING PRODUCTS

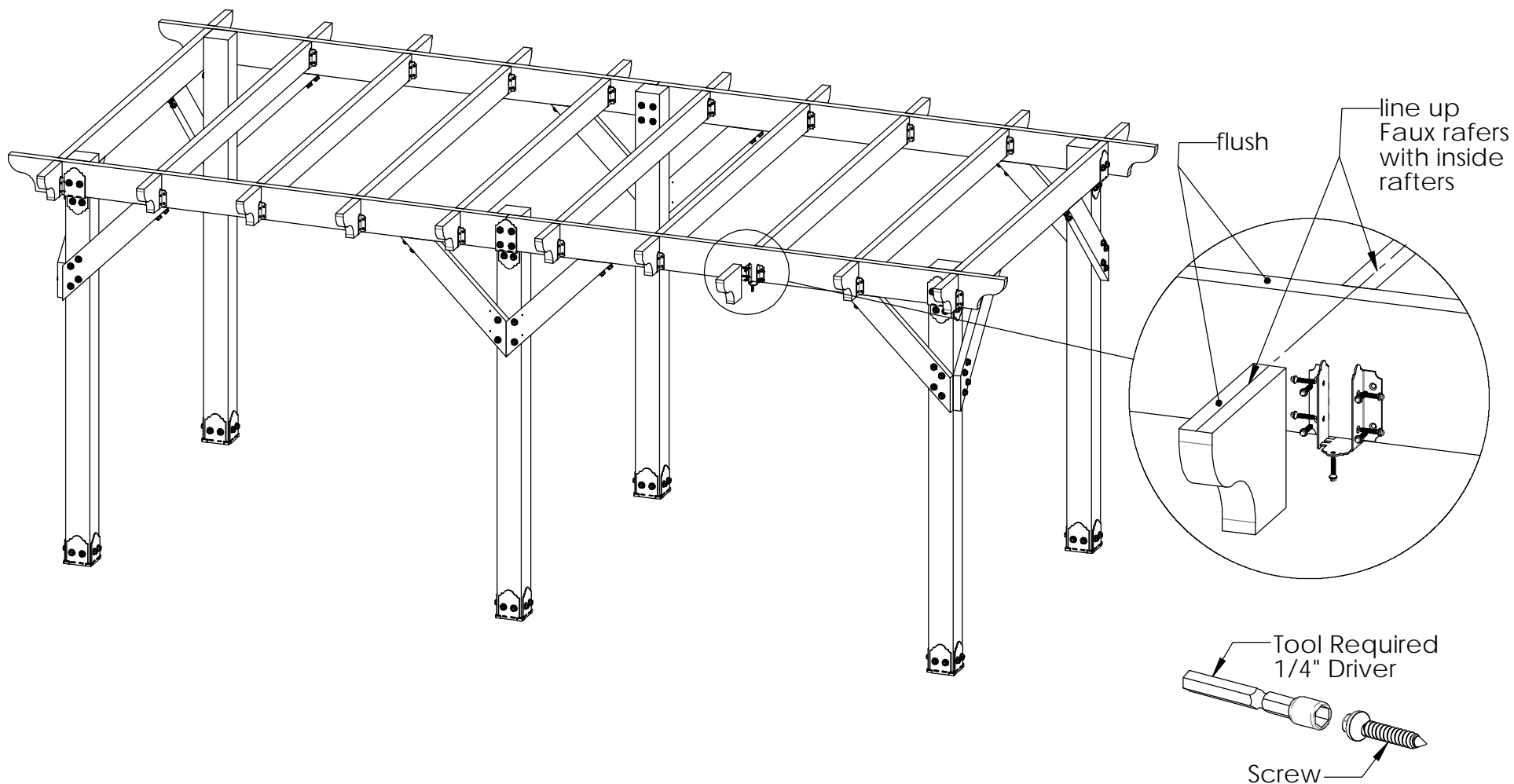| ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	26	2x8 Cedar Board	2x8x11 1/8"
2	8	2x6 Cedar Board	2x6x7'9 7/8"
3	5	56640	6-8" Joist Hanger Tab (JHT-68-LS)
4	3	56639	6-8" Joist Hanger Flush (JHF-68-LS)

2'0"

1'0"

2'0"

Project 340S & Project 340 (10x20)

DIY Vineyard Pergola Rafters 20 feet

for dimensional details, see Overview page

flush

Tool Required
1/4" Driver

Screw

Project 340S & Project 340 (10x20) step 6

for dimensional details, see Overview page

DIY Vineyard Pergola Rafters 20 feet

flush

line up
Faux rafers
with inside
rafters

Tool Required
1/4" Driver

Screw

Project 340S & Project 340 (10x20) step 7

DIY Vineyard Pergola Rafters 20 feet

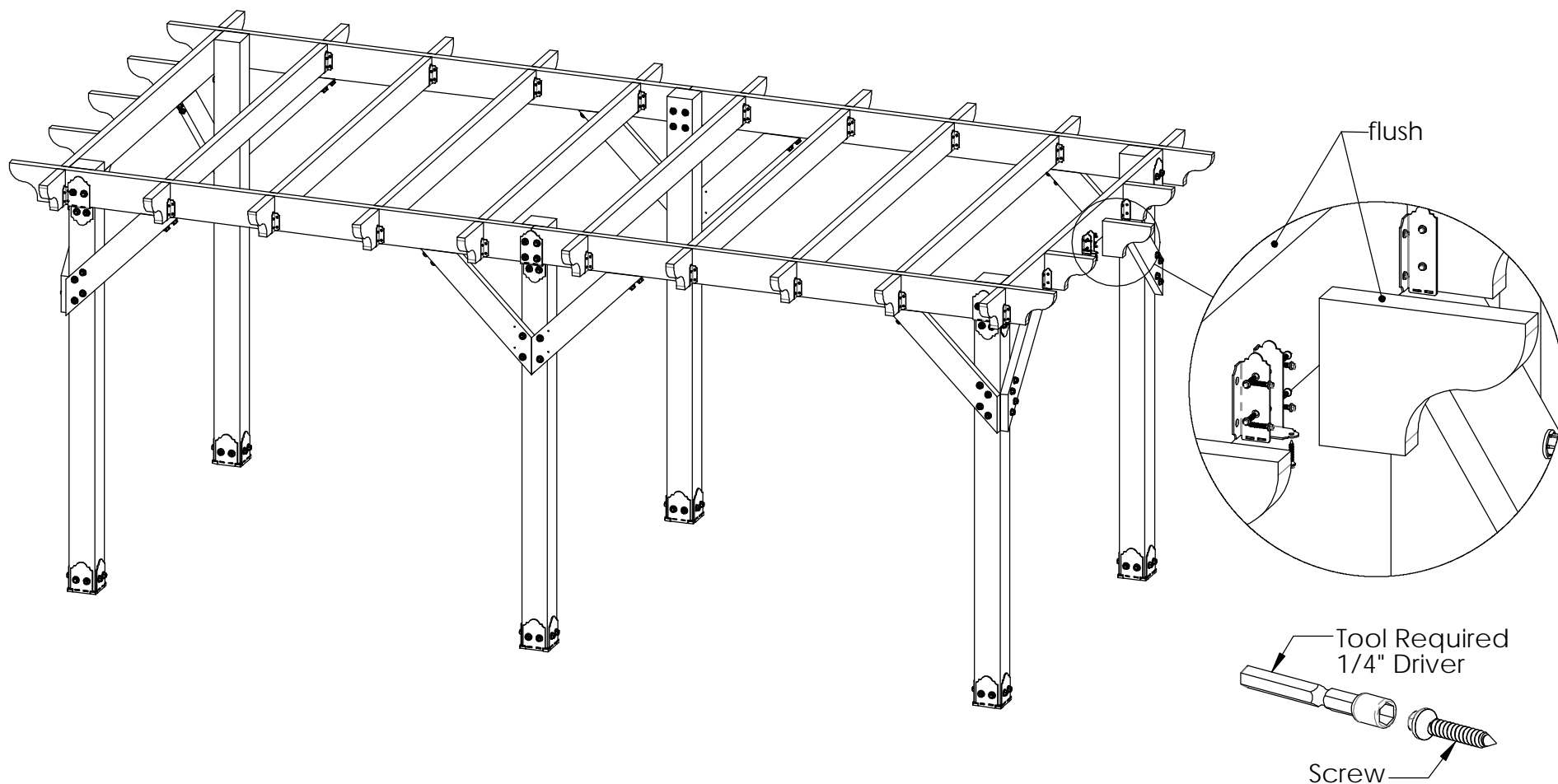for dimensional details, see Overview page

flush

Tool Required
1/4" Driver

Screw

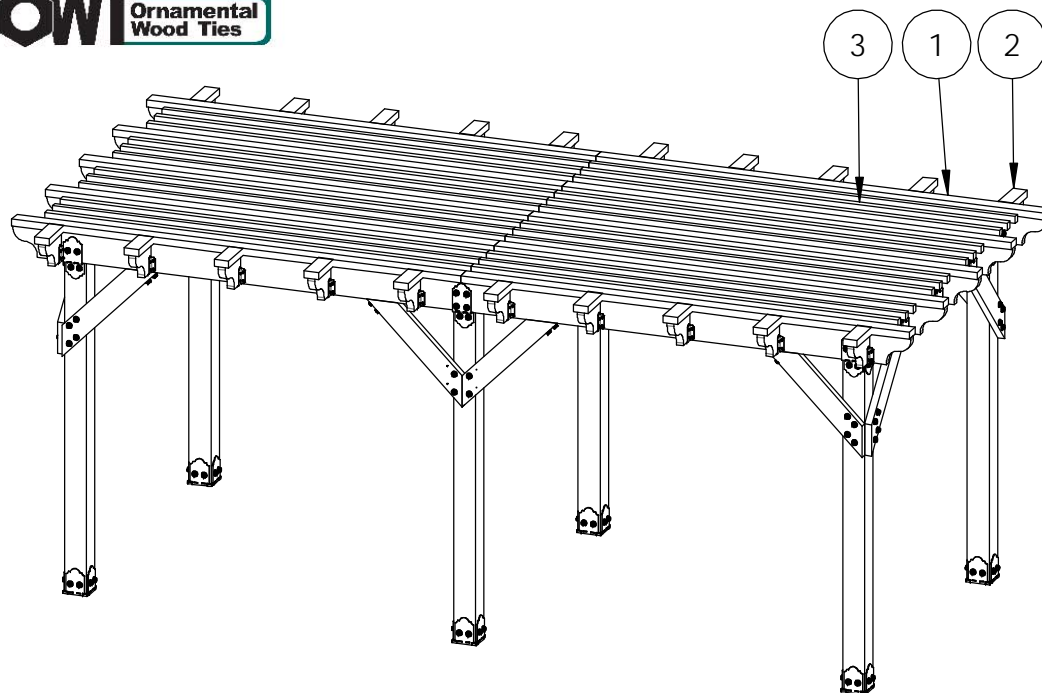# Project 340S & Project 340 (10x20) step 8

DIY Vineyard Pergola Rafters 20 feet

for dimensional details, see Overview page

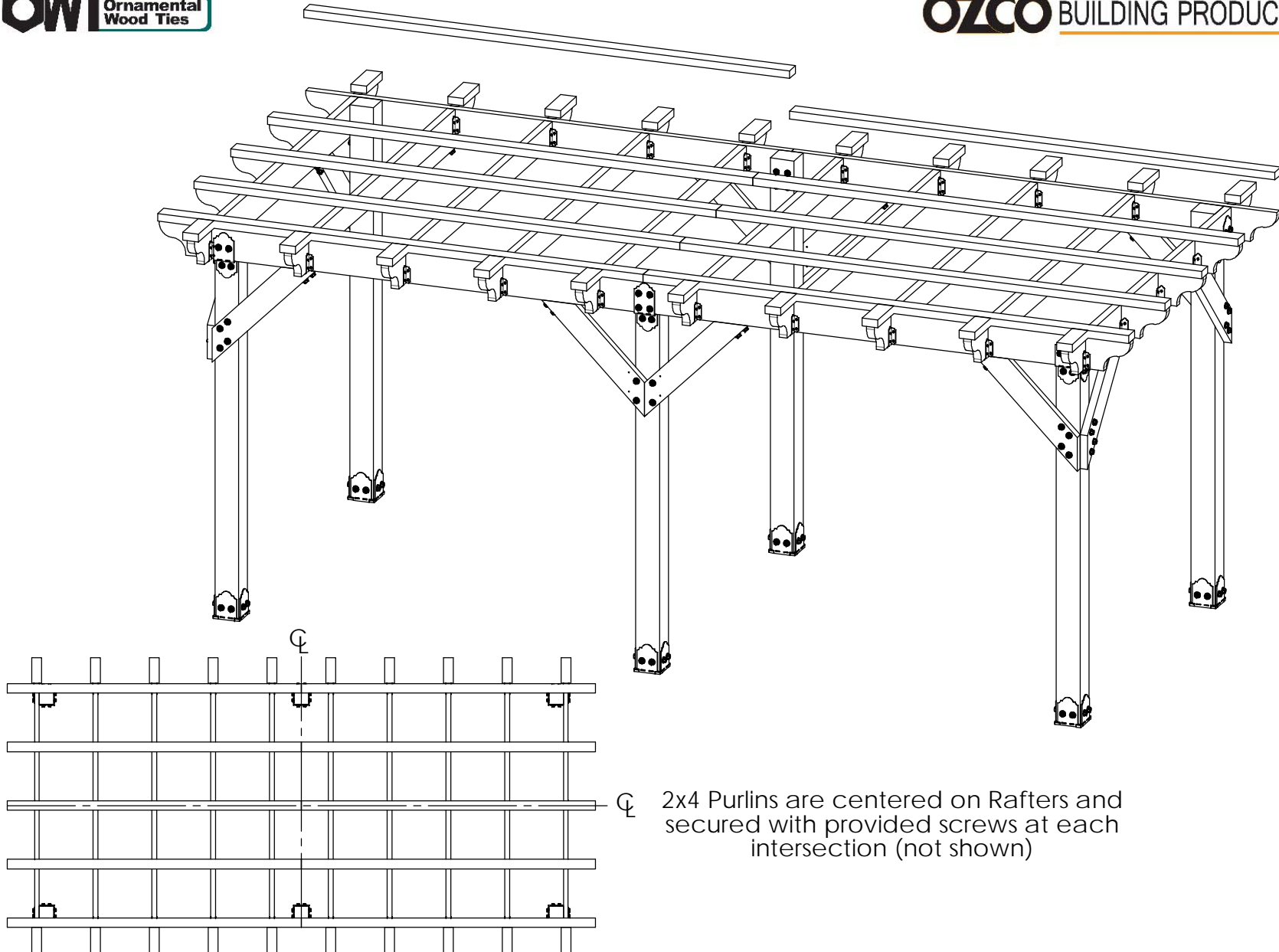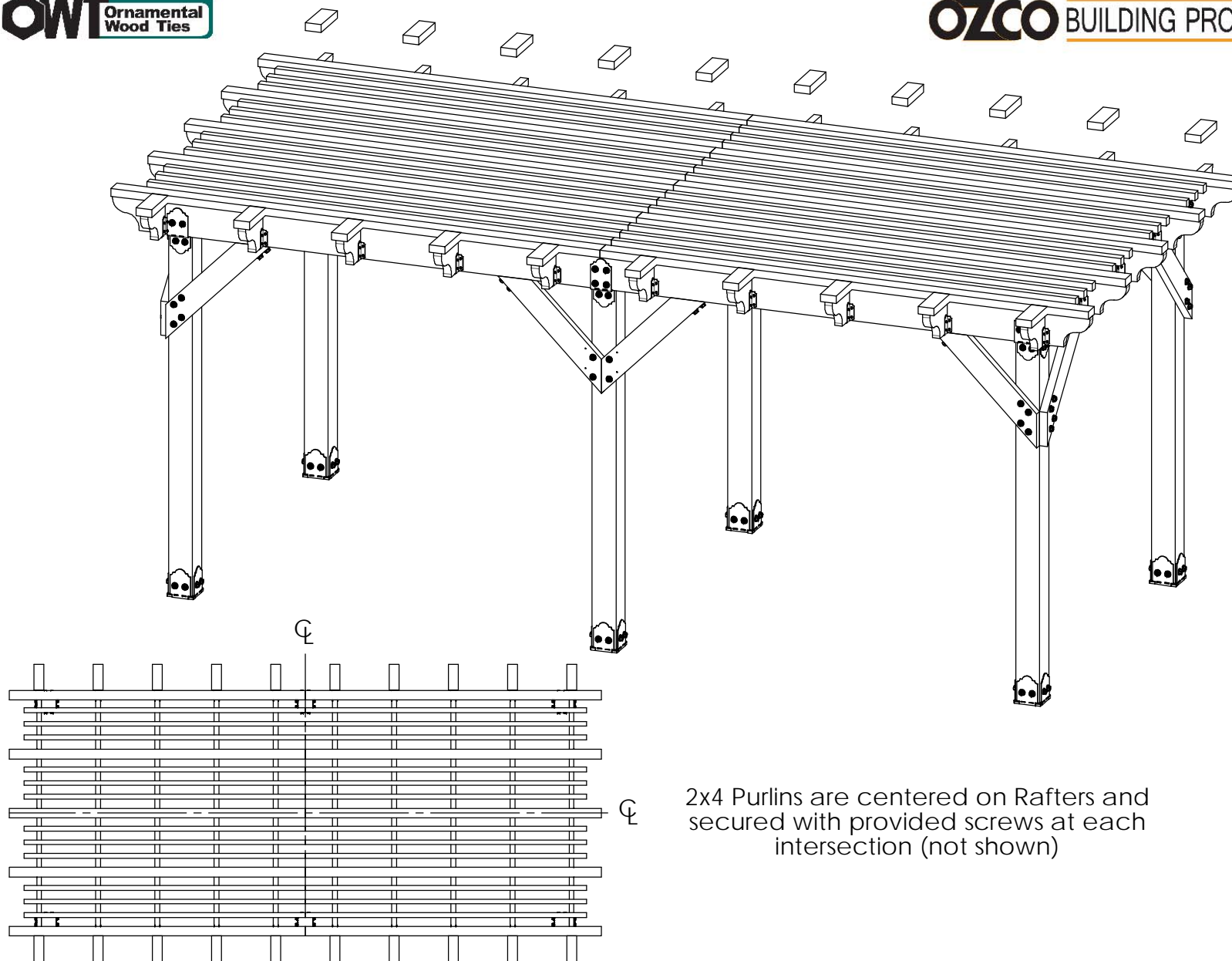| ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	10	2x4 Cedar Board	2x4x10'0"
2	20	2x4 Cedar Board	2x4x10 7/16"
3	24	2x2 Cedar Board	2x2x9'6"

3 1 2

CL
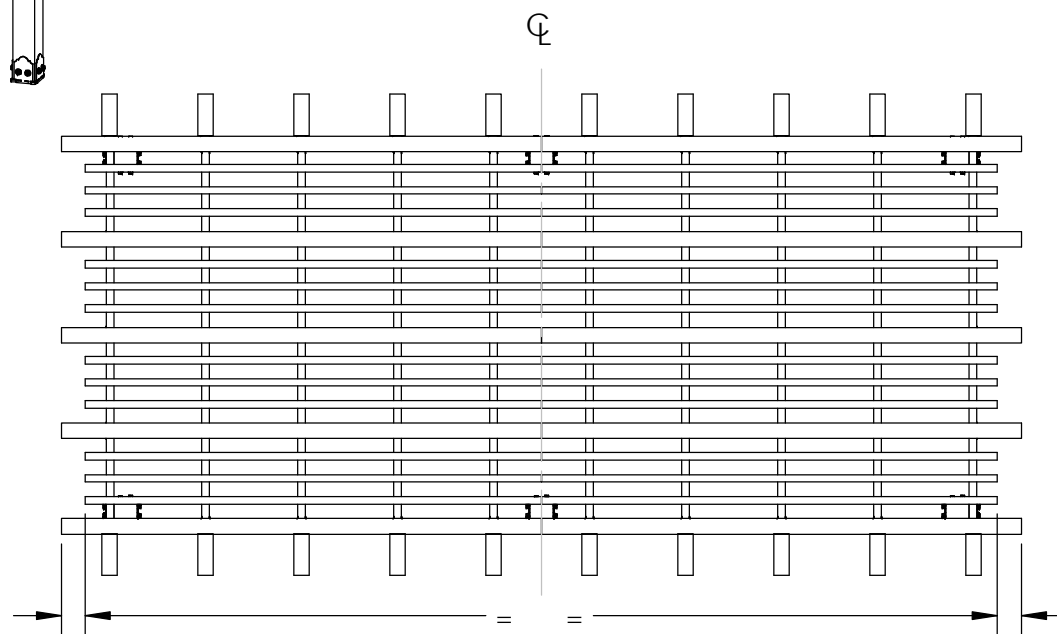
Project 340S & Project 340 (10x20)

DIY Vineyard Pergola Purlins 20 feet (not used anymore)

for dimensional details, see Overview page

OWT Ornamental Wood Ties

OZCO BUILDING PRODUCTS

2x4 Purlins are centered on Rafters and secured with provided screws at each intersection (not shown)

Project 340S & Project 340 (10x20) step 9

for dimensional details, see Overview page

DIY Vineyard Pergola Purlins 20 feet (not used anymore)

2x4 Purlins are centered on Rafters and secured with provided screws at each intersection (not shown)

Project 340S & Project 340 (10x20) step 10

for dimensional details, see Overview page

DIY Vineyard Pergola Purlins 20 feet (not used anymore)

4" spacing

middle
2x2
Purlin

2x4 Purlin
Spacing

℄
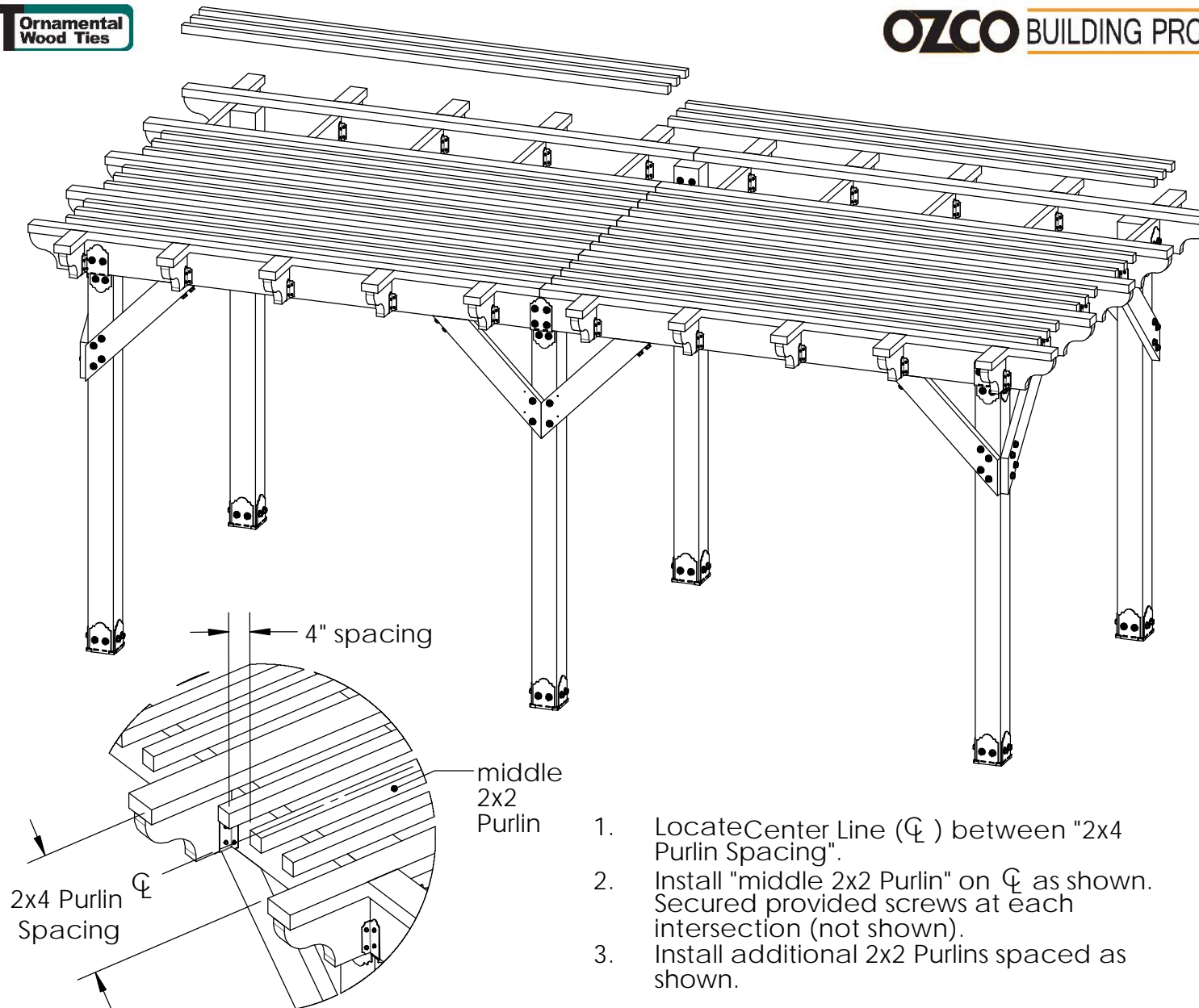
1. LocateCenter Line (℄) between "2x4 Purlin Spacing".
2. Install "middle 2x2 Purlin" on ℄ as shown. Secured provided screws at each intersection (not shown).
3. Install additional 2x2 Purlins spaced as shown.

Project 340S & Project 340 (10x20) step 11

for dimensional details, see Overview page

DIY Vineyard Pergola Purlins 20 feet (not used anymore)