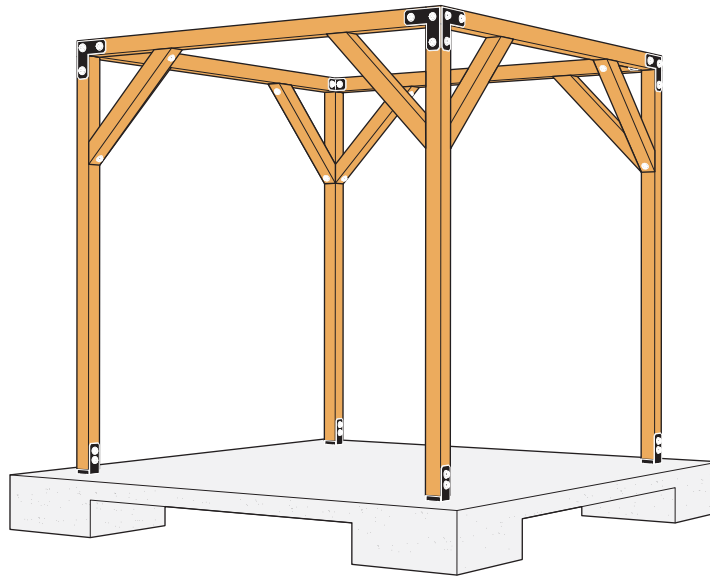


8x8 Pergola



Perspective View

Material List		
Model	Description	Quantity
APVA4	Outdoor Accents® 90° Angle	4
APVB44	Outdoor Accents Adjustable Post Base	4
APVL4	Outdoor Accents L Strap Tie	8
STN22	Outdoor Accents Hex-Head Washer	64
SDWS22312DBB-R50	3½" Outdoor Accents Structural Wood Screw (1 pack of 50 each, 48 needed, will have 2 extra)	48
SDWS22512DBBRC12	5½" Outdoor Accents Structural Wood Screw (2 packs of 12 each, 16 needed, will have 8 extra)	16
⅝" Anchor Bolt	Not included. Post base-to-foundation connection per designer*	4




APVB44 (4)





APVA4 (4)



APVL4 (8)

SDWS22312DBB-R50 (48) 

SDWS22512DBBRC12 (16) 

STN22 (64) 

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*For more information about the ⅝" Titen HD®
Mechanically Galvanized screw anchor, visit
strongtie.com/pergolakits.

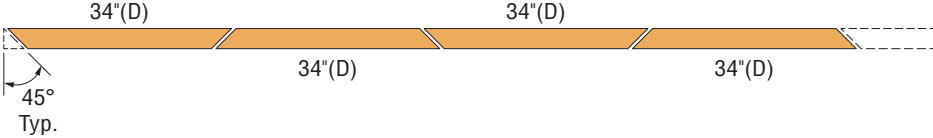
Lumber Purchase and Cut List

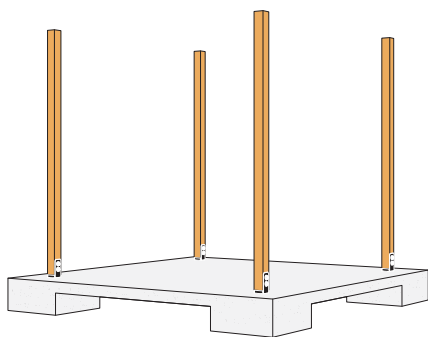
Member	Nominal Size	Lumber Quantity	Mark	Cut Length	Cut Quantity (pc.)
Post	4x4 x 8'	4	A	96"	4
Beam	4x4 x 8'	2	B	89"	2
Beam	4x4 x 8'	2	C	96"	2
Knee Brace	4x4 x 12'	2	D	34"	8

4x4 x 8' →  96" (A) (x4)

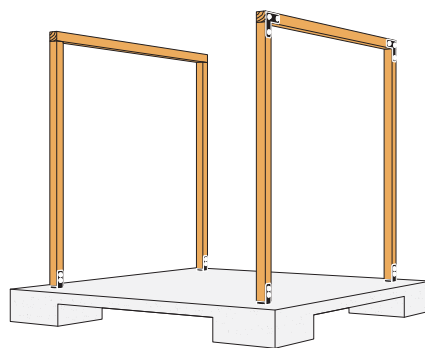
4x4 x 8' →  89" (B) (x2)

4x4 x 8' →  96" (C) (x2)

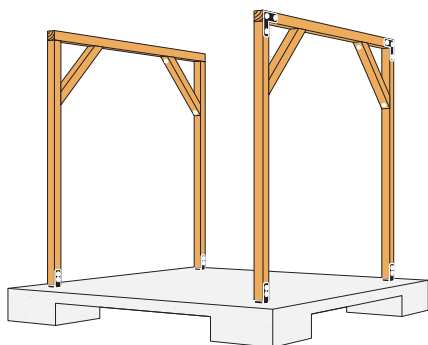
4x4 x 12' →  34" (D) 34" (D) 34" (D) 34" (D) (x2)



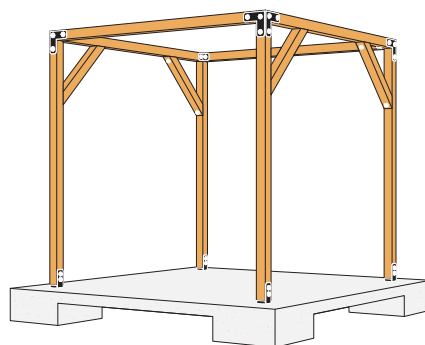
Step One
Install all four post bases and posts



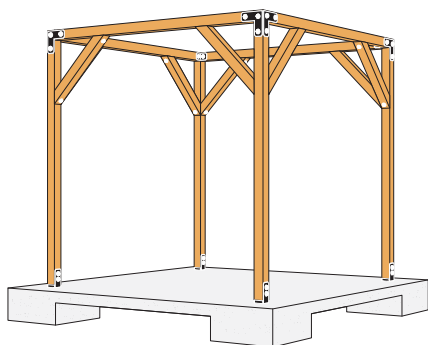
Step Two
Install longer beams (C)
on top of posts on two parallel sides
*Tip: Attach L straps (APVL4) to beams before
placing beams on top of posts*



Step Three
Install two knee braces on each side to
reinforce the post-to-beam connection



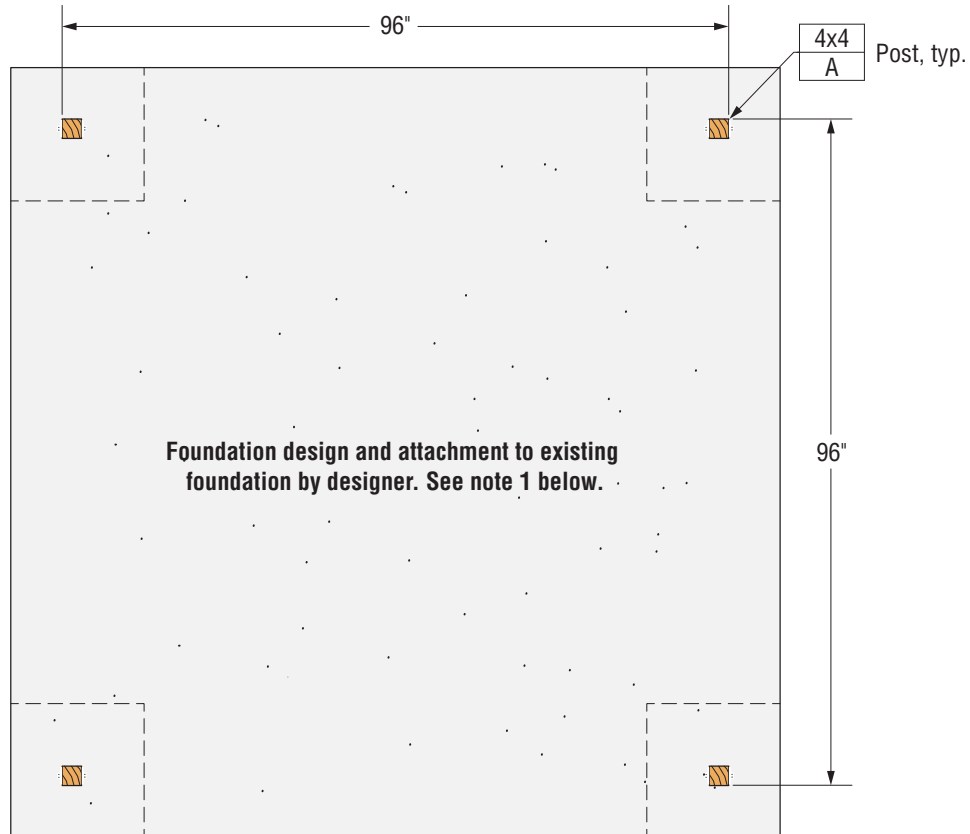
Step Four
Install shorter beams (B) on remaining opposite sides
and install APVA4 angles to each inside corner



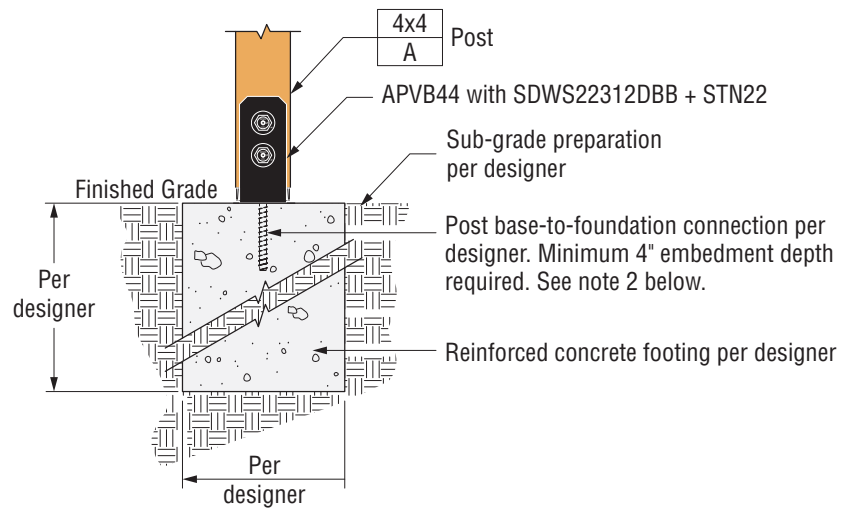
Step Five
Install remaining knee braces

Installation Steps

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Foundation View



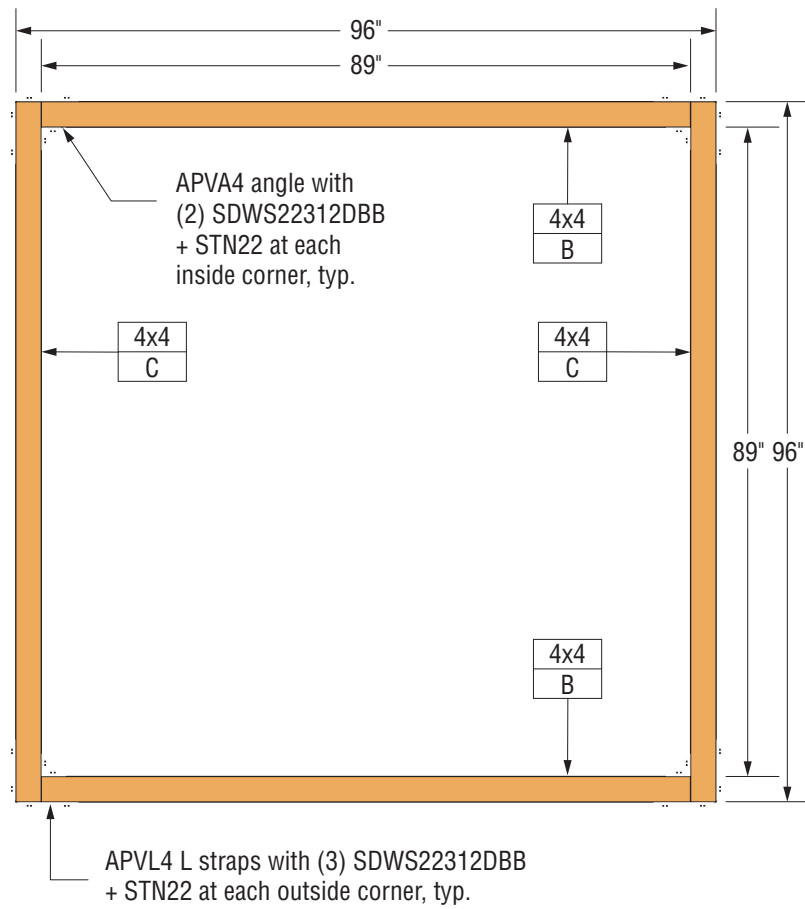
Post-to-Footing Connection

Notes

1. The term "designer" is intended to mean a licensed/certified building design professional, a licensed professional engineer or a licensed architect.
2. For more information about how to lay out and install post bases with Titen HD® Mechanically Galvanized screw anchors, visit strongtie.com/ pergolakit s.

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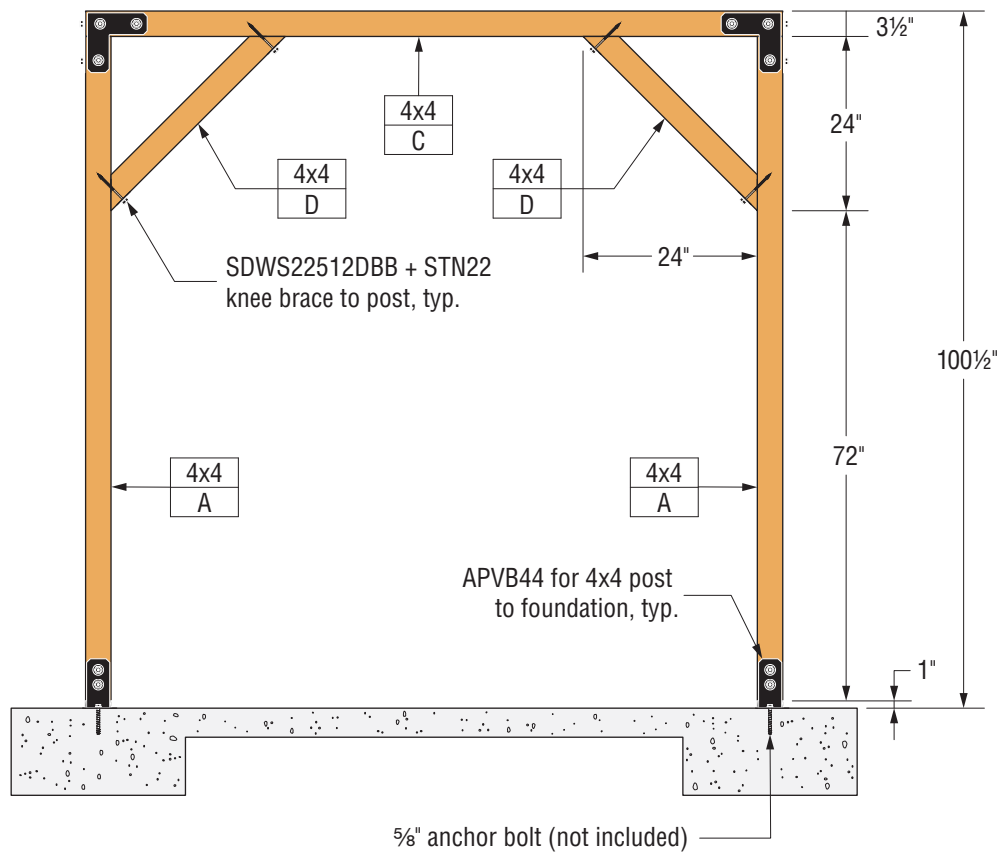
8x8 Pergola



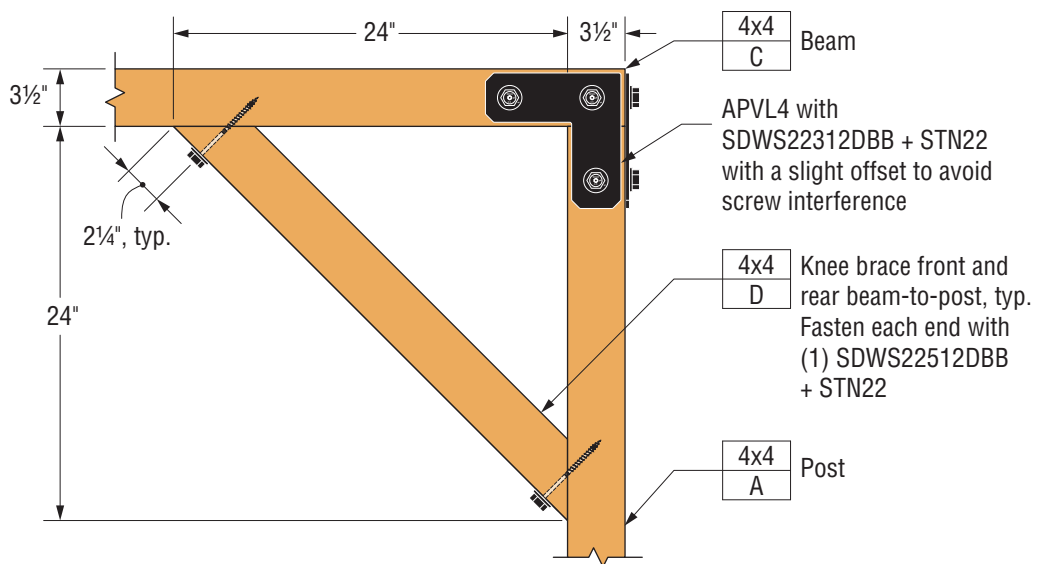
Top View

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8x8 Pergola



Front View



Post-to-Beam Connection

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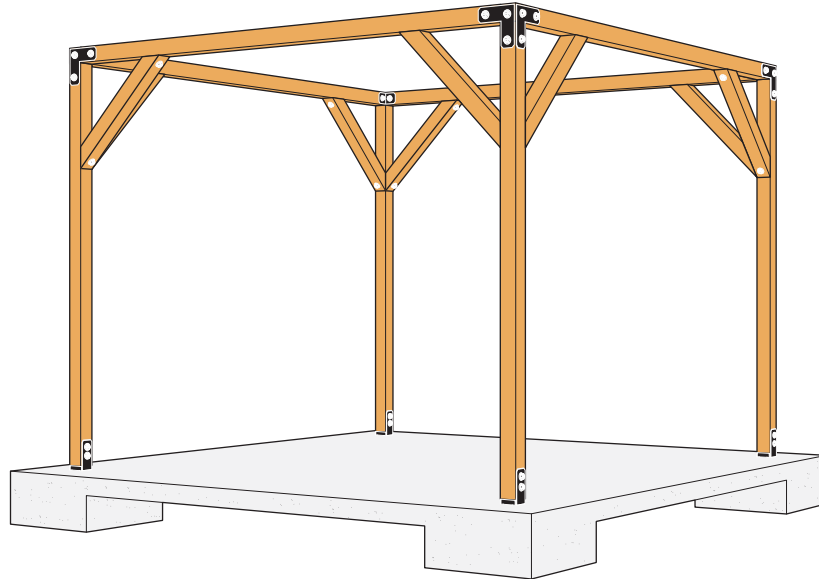
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10x10 Pergola



Perspective View

Material List		
Model	Description	Quantity
APVA4	Outdoor Accents® 90° Angle	4
APVB44	Outdoor Accents Adjustable Post Base	4
APVL4	Outdoor Accents L Strap Tie	8
STN22	Outdoor Accents Hex-Head Washer	64
SDWS22312DBB-R50	3½" Outdoor Accents Structural Wood Screw (1 pack of 50 each, 48 needed, will have 2 extra)	48
SDWS22512DBBRC12	5½" Outdoor Accents Structural Wood Screw (2 packs of 12 each, 16 needed, will have 8 extra)	16
5/8" Anchor Bolt	Not included. Post base-to-foundation connection per designer*	4



APVB44 (4)



APVA4 (4)



APVL4 (8)

SDWS22312DBB-R50 (48)



SDWS22512DBBRC12 (16)



STN22 (64)



Outdoor Accents®
decorative hardware


*For more information about the 5/8" Titen HD®
Mechanically Galvanized screw anchor, visit
strongtie.com/pergolakits


10x10 Pergola

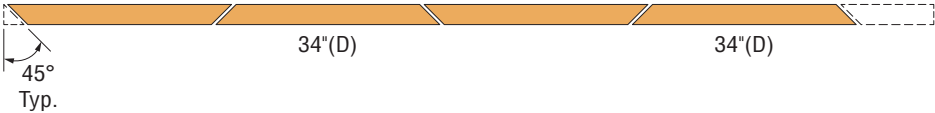
Lumber Purchase and Cut List

Member	Nominal Size	Lumber Quantity	Mark	Cut Length	Cut Quantity (pc.)
Post	4x4 x 8'	4	A	96"	4
Beam	4x4 x 10'	2	B	113"	2
Beam	4x4 x 10'	2	C	120"	2
Knee Brace	4x4 x 12'	2	D	34"	8

4x4 x 8' →  96"(A) (x4)

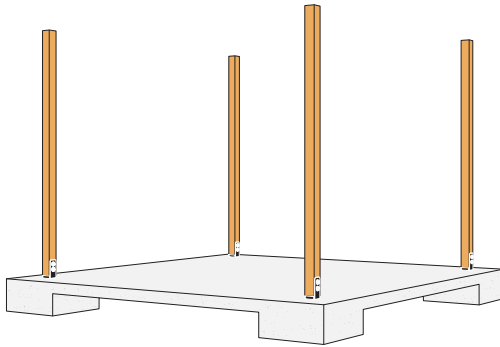
4x4 x 10' →  113"(B) (x2)

4x4 x 10' →  120"(C) (x2)

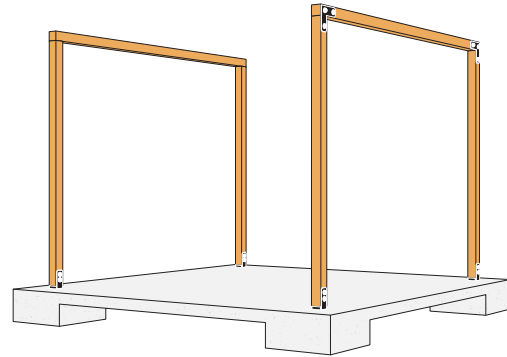
4x4 x 12' →  34"(D) 34"(D) 34"(D) 34"(D) (x2)
45°
Typ.

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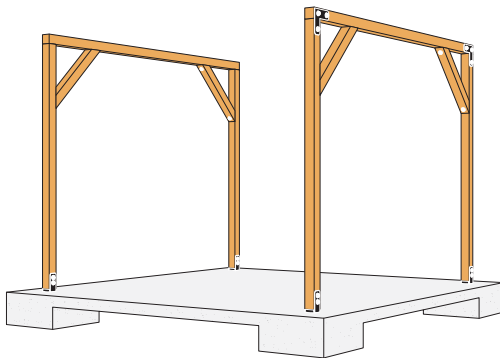
10x10 Pergola



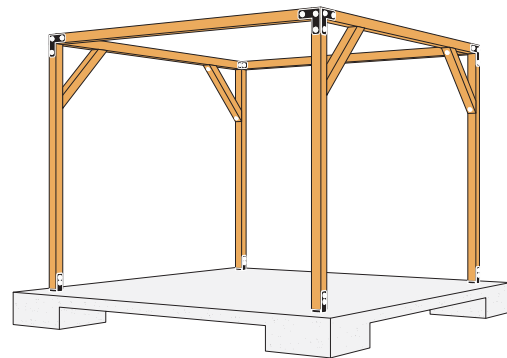
Step One
Install all four post bases and posts



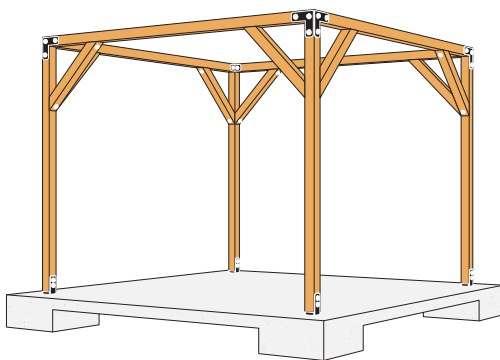
Step Two
Install longer beams (C)
on top of posts on two parallel sides
*Tip: Attach L straps (APVL4) to beams before
placing beams on top of posts*



Step Three
Install two knee braces on each side to
reinforce the post-to-beam connection



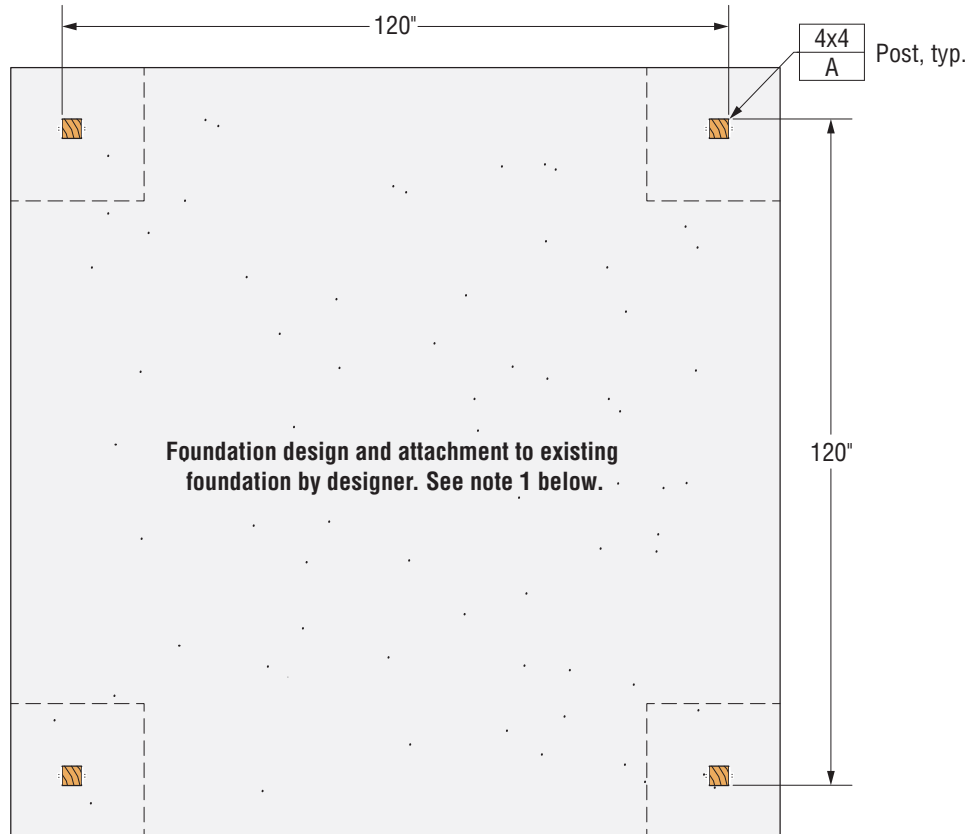
Step Four
Install shorter beams (B) on remaining opposite sides
and install APVA4 angles to each inside corner



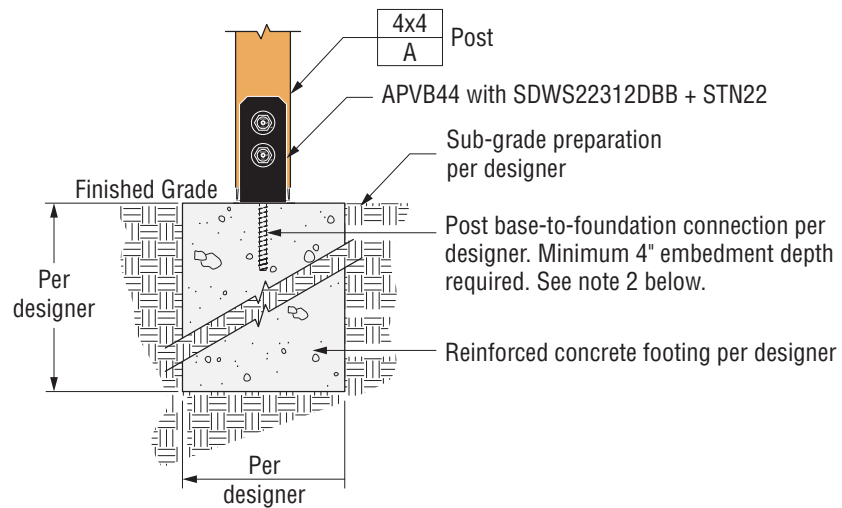
Step Five
Install remaining knee braces

Installation Steps

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Foundation View

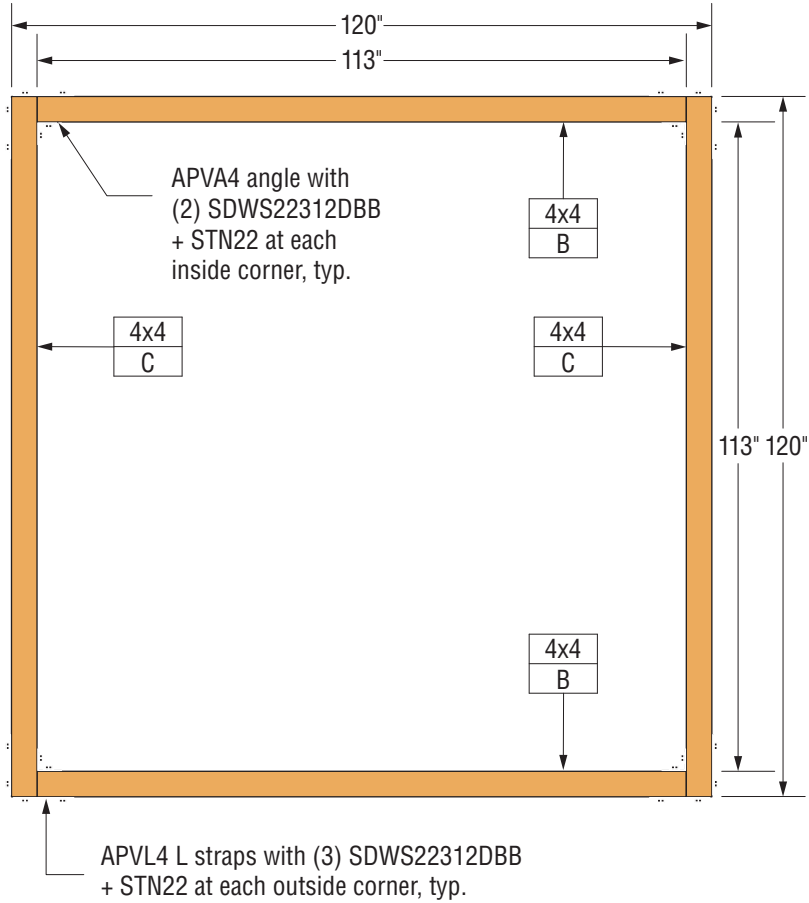


Post-to-Footing Connection

Notes

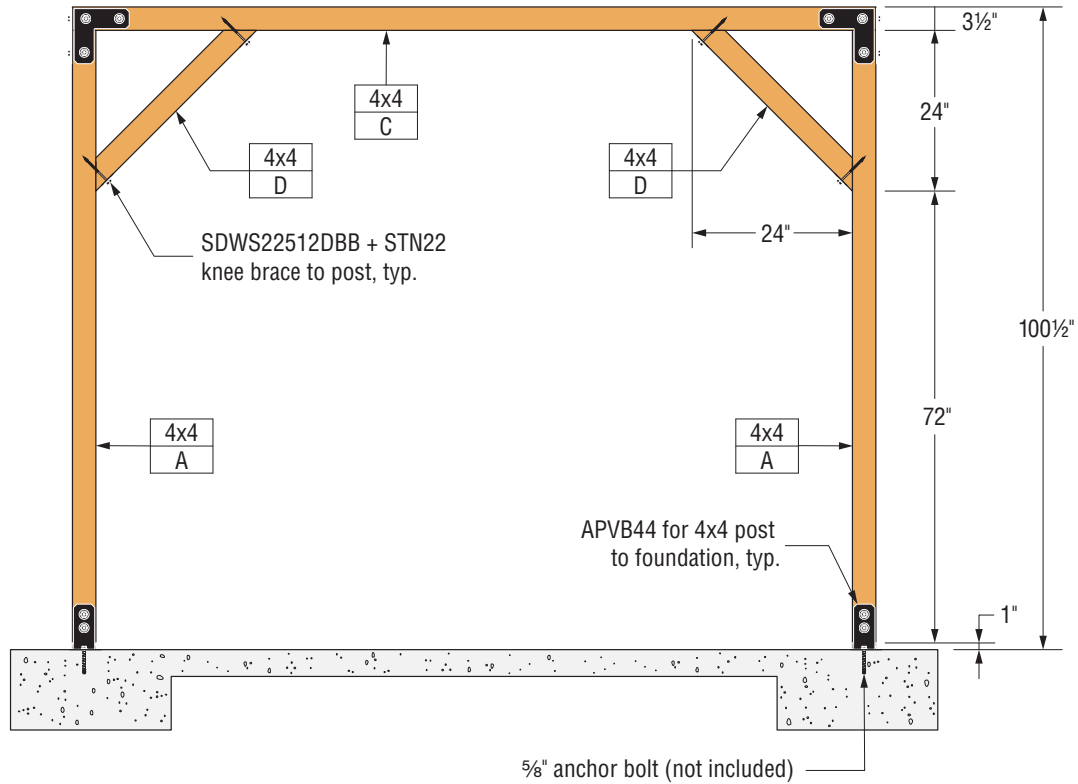
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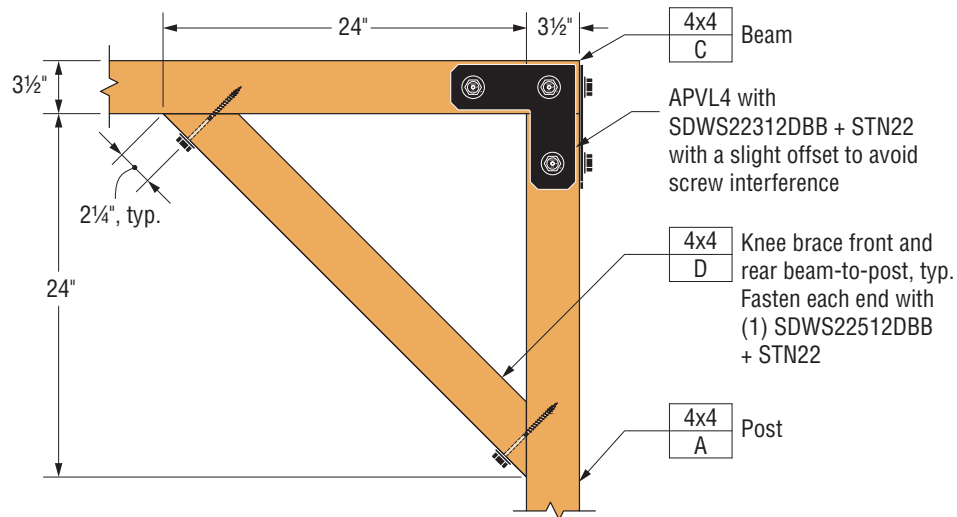


Top View

10x10 Pergola



Front View



Post-to-Beam Connection

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