

INSTALLATION MANUAL

ENTRYWAY ARBOR KIT

SINGLE-WIDE: 3 HIGH & 4 HIGH PANEL ASSEMBLIES



Revised 05/22/2012

**YARDISTRY**

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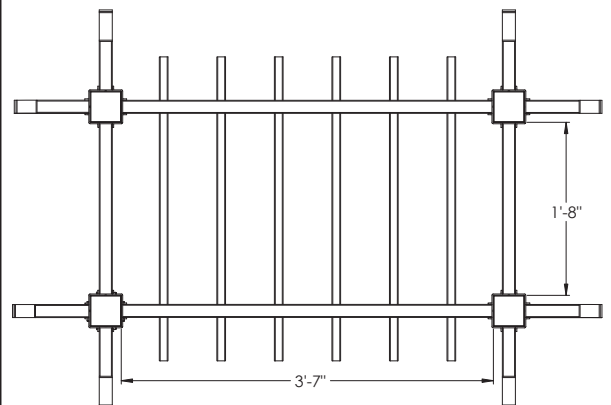
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!IMPORTANT SAFETY NOTICE!

- Yardistry components are intended for privacy, decorative and ornamental use only. **Product is NOT INTENDED for the following:**
 - A safety barrier to prevent unsupervised access to pools, hot tubs, spas, or ponds.
 - Safety railings for elevated platforms or decks.
 - As load bearing support for a building, structure, heavy objects or swings. - Used in structures that trap wind, rain or snow that would create extra load on the product.
- **Permanent structures may require a building permit.** As the purchaser and or installer of this product you are advised to consult local planning, zoning, and building inspection departments for guidance on applicable building codes and or zoning requirements.
- **Wood is NOT flame retardant and will burn.** Grills, fire pits and chimneys are a fire hazard if placed too close to a Yardistry structure. Consult user's manual of the grill, fire pit or chimney for safe distances from combustible materials.
- **During installation, follow all safety warnings provided with your tools and use OSHA approved safety glasses.**
- **Some structures may require two or more people to install safely. Check for underground utilities before digging or driving stakes into the ground!**

General Information: Wood components are manufactured with Cedar (C. Lanceolata) which is protected with factory applied water-based stain. Knots, small checks (cracks) and weathering are naturally occurring and do not affect the strength of the product. Annual application of a water-based water repellent sealant or stain will help reduce weathering and checks.

Warranty: Yardistry products are backed by a 5 year limited lifetime warranty from the date of original retail purchase for manufacturing defects and if installed as per manufacturer's installation instructions.

Patents Pending

Tools Required

- | | | | |
|------------------------------|--|---------------------|------------------|
| • Tape Measure | • #2 Phillips or Robertson Bits or Screwdriver | • Adjustable Wrench | • Safety Glasses |
| • Carpenters Level | • Ratchet with extension (7/16" sockets) | • 1/8" Drill Bit | • Adult Helpers |
| • Carpenters Square | • Open End Wrench (7/16") | • Pencil | |
| • Standard or Cordless Drill | | • 1/4" Drill Bit | |
| | | • 8' Step Ladder | |

Keys To Assemble Success

This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.



Use Help



Measure Distance



Use Help



Check that assembly is square before tightening bolts.

Use a measuring tape to assure proper location.

Where this is shown, 2 or 3 people are required to safely complete the step. To avoid injury or damage to the assembly make sure to get help!

Square Assembly



Check that set or assembly is properly level before proceeding.

Use Level

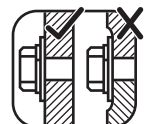


Pre-drill 1/8" & 3/16" Bit



Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.

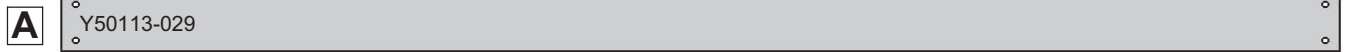
Tighten Bolts



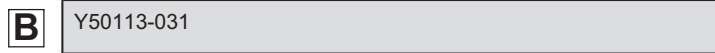
This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.

MATERIAL LIST

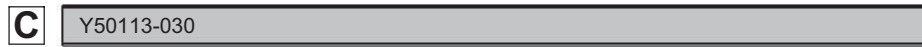
Nominal	Actual
2" x 4"	1½" x 3½"
5/4" x 3"	1" x 2½"



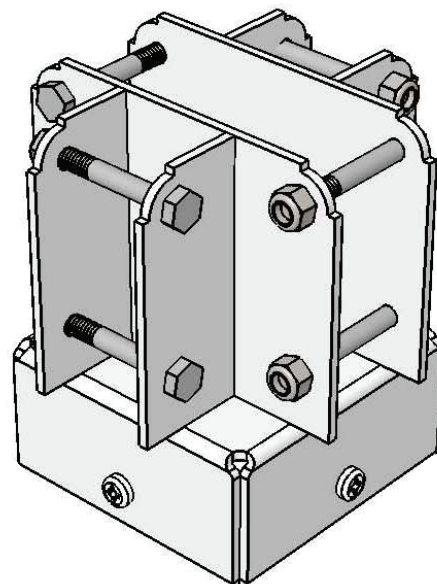
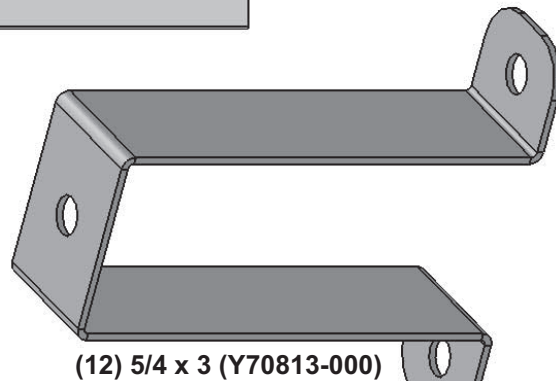
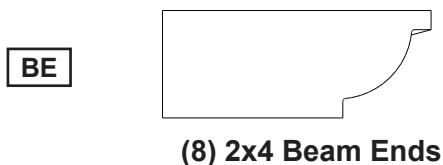
(2) 2 x 4 x 44 1/2"



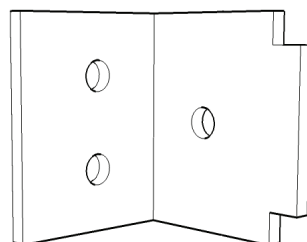
(2) 2 x 4 x 25"



(6) 5/4 x 3 x 35 3/4"



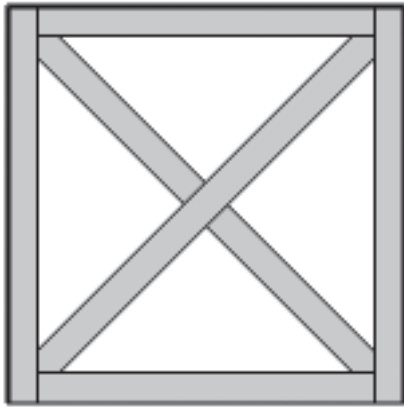
(4) Post Top Connector With
WH 7/16" Hex Bolt Assembly



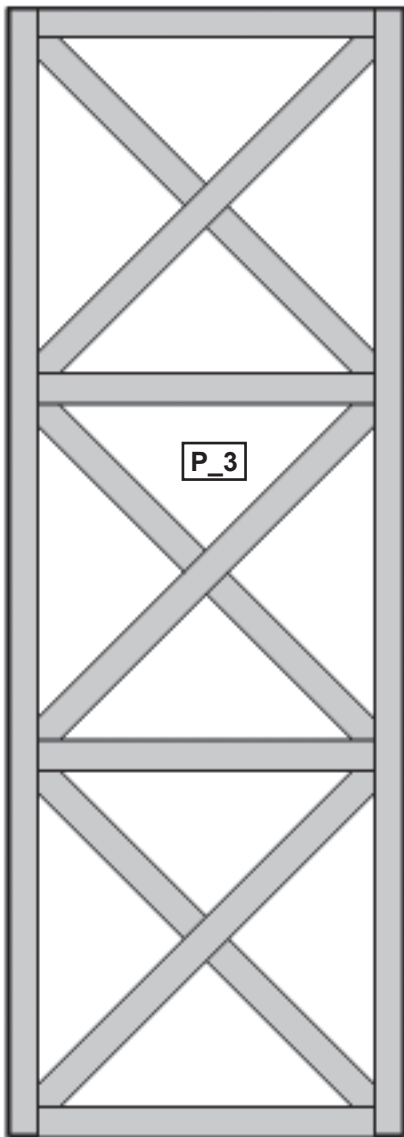
(12) Panel Clips

MATERIAL LIST

P_1

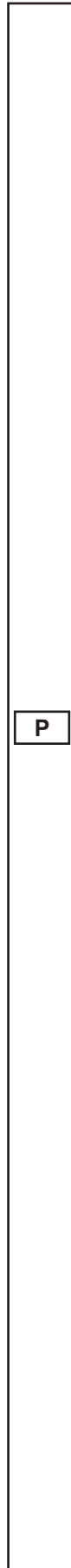


- (2) One High X Topper or,
- (2) One High Lattice Topper or,
- (2) One High Arch Topper



- (2) Two/Three High X Panel or,
- (2) Two/Three High Lattice Panel

P



- (4) 4x4 Post

Note: Panel assembly in this instruction is shown as a 3 High X Panel or 3 High Lattice Panel with a 1 High X Topper. Depending on kit purchased, images may not be accurate. Please see front cover for what your final set-up should look like.

Single Wide Entry Arbors

3 High X / Arch Assembly - YM11576

3 High X Assembly- YM11570

3 High Lattice / X Assembly - YM11574

3 High Lattice Assembly - YM11572

4 High X / Arch Assembly - YM11577

4 High X Assembly - YM11571

4 High Lattice / X Assembly - YM11575

4 High Lattice Assembly - YM11573

4 High / Faux Panel - YM11606

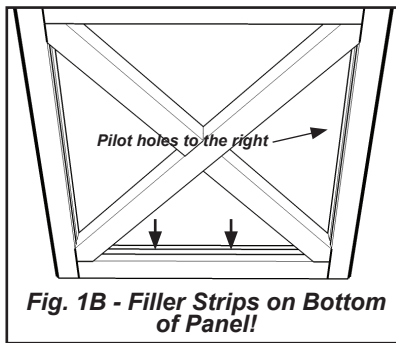
STEP 1- ASSEMBLE PANELS

1. Remove the upper metal connectors on both sides of P_3 - Three High Panel. Reattach the metal connectors to P_3 by securing the bottom two holes of the metal connectors to the top two holes on P_3 so that the metal connectors stick out from the top. Slide P_1 – One High Topper between the two protruding metal connectors on the top of P_3. Attach the metal connectors to P_1.” (Fig. 1A) ***Ensure Panels are oriented correctly! (Fig. 1B)**

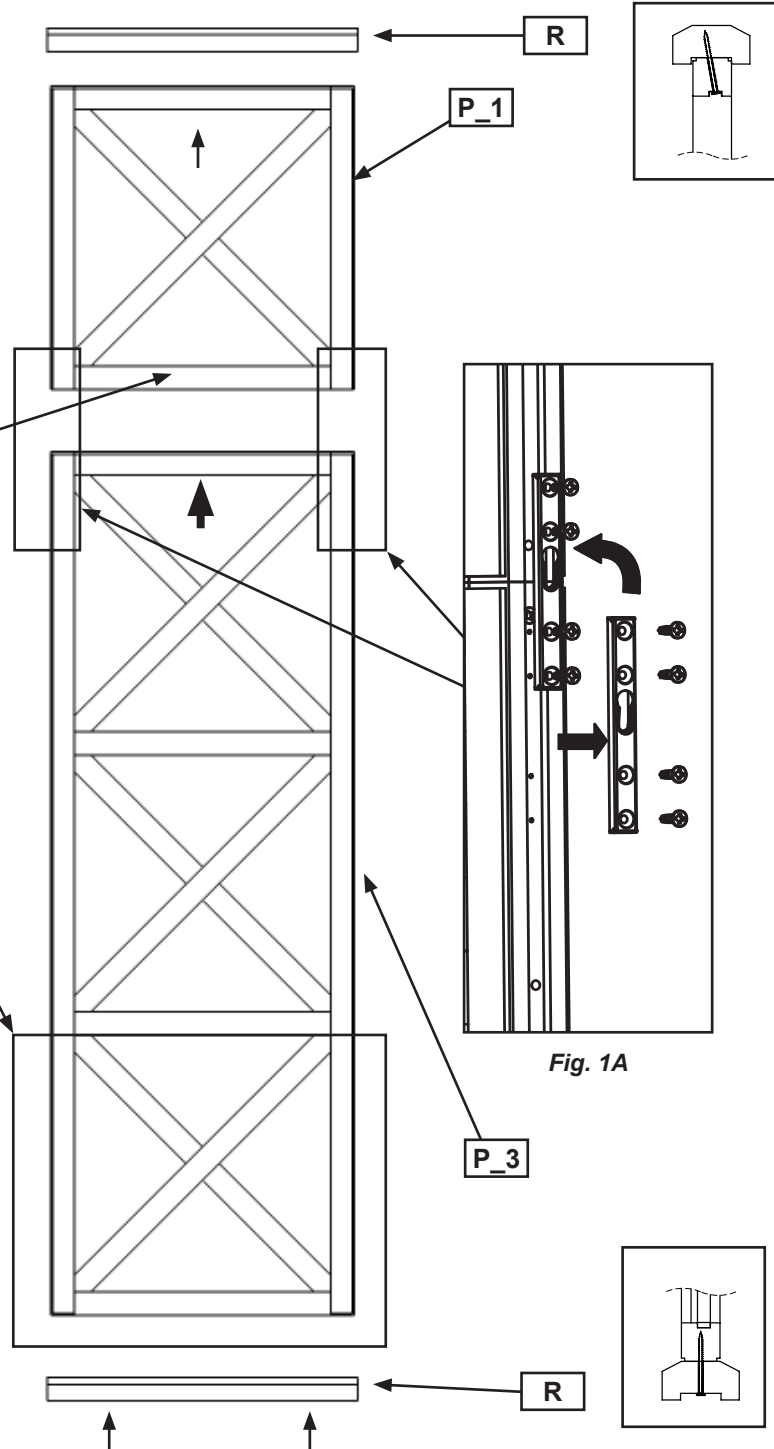
2. Secure panels with a S4 - 2 1/4” Wood Screw the location indicated by the large arrow in the direction of the arrow.

3. Secure R-Top and Bottom Rails to Panel Assembly with **S4** - 2 1/4” Wood Screws locations indicated by small arrows in the direction of the arrow. ***R- Top and Bottom Rails will overhang 1/4” on either side of panel.**

4. Repeat until two panel assemblies are created.



x2



2X **P_1** ONE HIGH _ TOPPER

8X **S4** #8- 2 1/4” WOOD SCREWS

2X **P_3** THREE HIGH _ PANEL

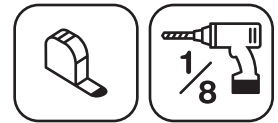
2X **R** TOP & BOTTOM RAIL AT 7 1/4” (18.4 CM)
 ***IF YOU HAVE PURCHASED YM11576 OR YM11577,
 CUT TO SIZE TO ACCOMMODATE THE ARCH TOPPER.

4X **R** TOP & BOTTOM RAIL

STEP 2- ATTACH PANEL CLIPS TO POSTS

3 HIGH PANEL ASSEMBLY

(4 HIGH PANEL ASSEMBLY INSTRUCTION LOCATED ON NEXT PAGE)



1. On a flat surface place P- 4x4 Post on its side and position Panel Clips in locations indicated in Figure 1. **Ensure Panel Clips are oriented as shown in Diagrams!**
2. Panel Clips should be placed in the centre of the post or the leading edge of the clip should be 1 3/8" or 3.5cm away from the side of the post as shown in Fig. 2.
3. With Panel Clips in place, mark screw holes with a pencil and pre-drill holes with a 1/8" drill bit. (Not provided)
4. Secure Panel Clips in locations indicated in figure 1 and 2 with S7 - #8 x 1 1/2" wood screws.
5. Repeat for each post configuration (2 in total).

Fig. 1

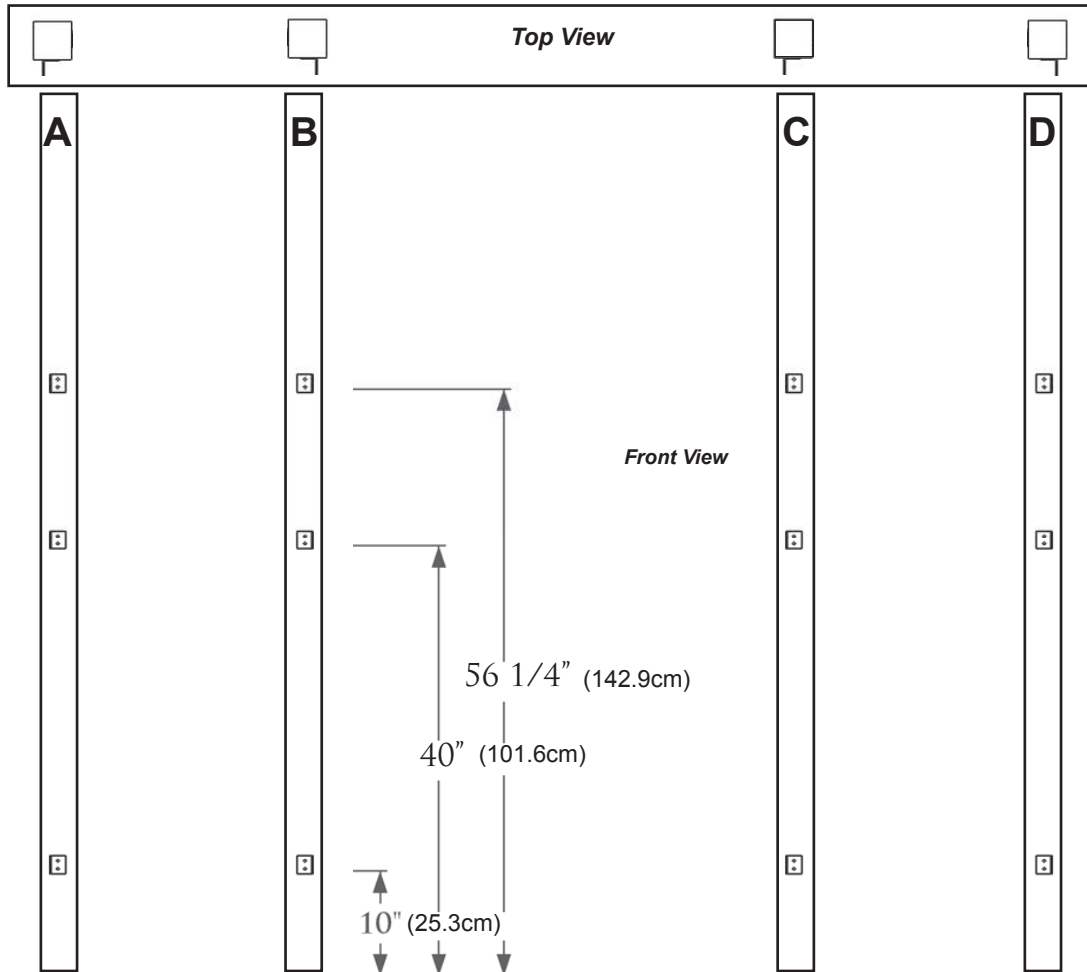
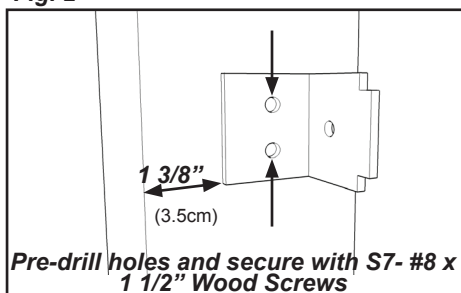


Fig. 2



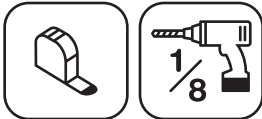
4X **P** 4X4 POST

12X - PANEL CLIPS

24X **S7** #8 x 1 1/2" WOOD SCREW

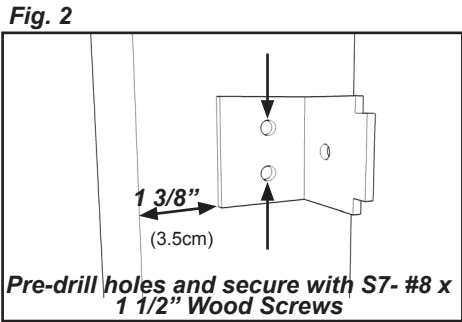
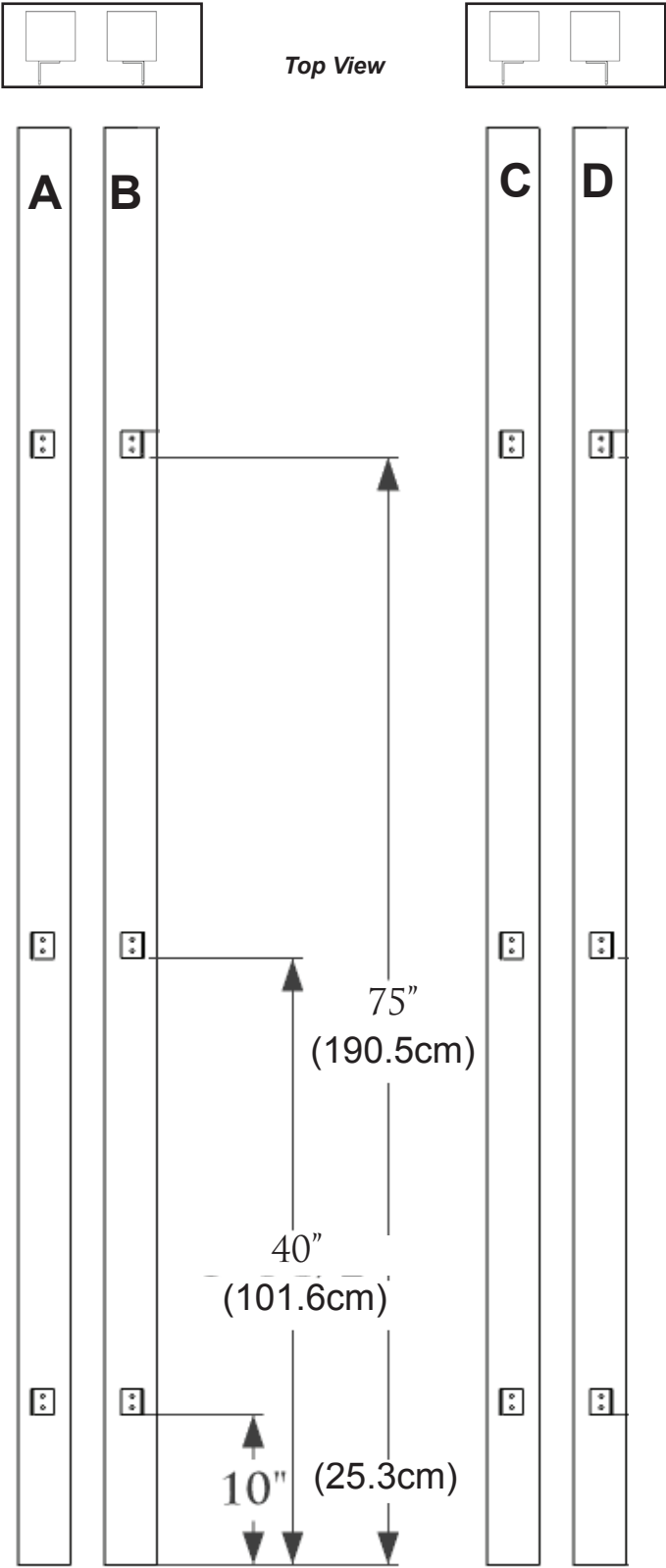
STEP 2- ATTACH PANEL CLIPS TO POSTS

4 HIGH PANEL ASSEMBLY



1. On a flat surface place P- 4x4 Post on its side and position Panel Clips in locations indicated in Figure 1. **Ensure Panel Clips are oriented as shown in Diagrams!**
2. Panel Clips should be placed in the centre of the post or the leading edge of the clip should be 1 3/8" or 3.5cm away from the side of the post as shown in Fig. 2.
3. With Panel Clips in place, mark screw holes with a pencil and pre-drill holes with a 1/8" drill bit. (Not provided)
4. Secure Panel Clips in locations indicated in figure 1 and 2 with S7- #8 x 1 1/2" wood screws.
5. Repeat for each post configuration (2 in total).

Fig. 1
Front View

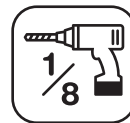


4X 4X4 POST

12X - PANEL CLIPS

24X #8 x 1 1/2" WOOD SCREW

STEP 3 -ATTACH PANELS TO POSTS



1. Place panel assemblies on posts as shown (Fig.1) allowing a 4" gap between the bottom of the post and the bottom edge of the bottom rail on the panel assembly. *Note: Assemble with help of another adult.*
2. With a 1/8" drill bit, predrill holes as shown in figure 2.
3. Fasten the panel assemblies to the post and Panel Clips with a S5- 1" Pan Head Screw provided in location of arrows. (Fig. 1)
4. Repeat for each post configuration.

x2

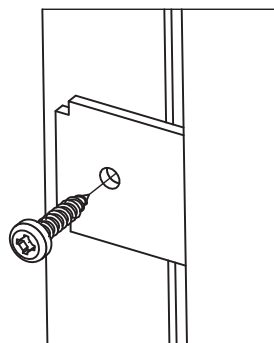
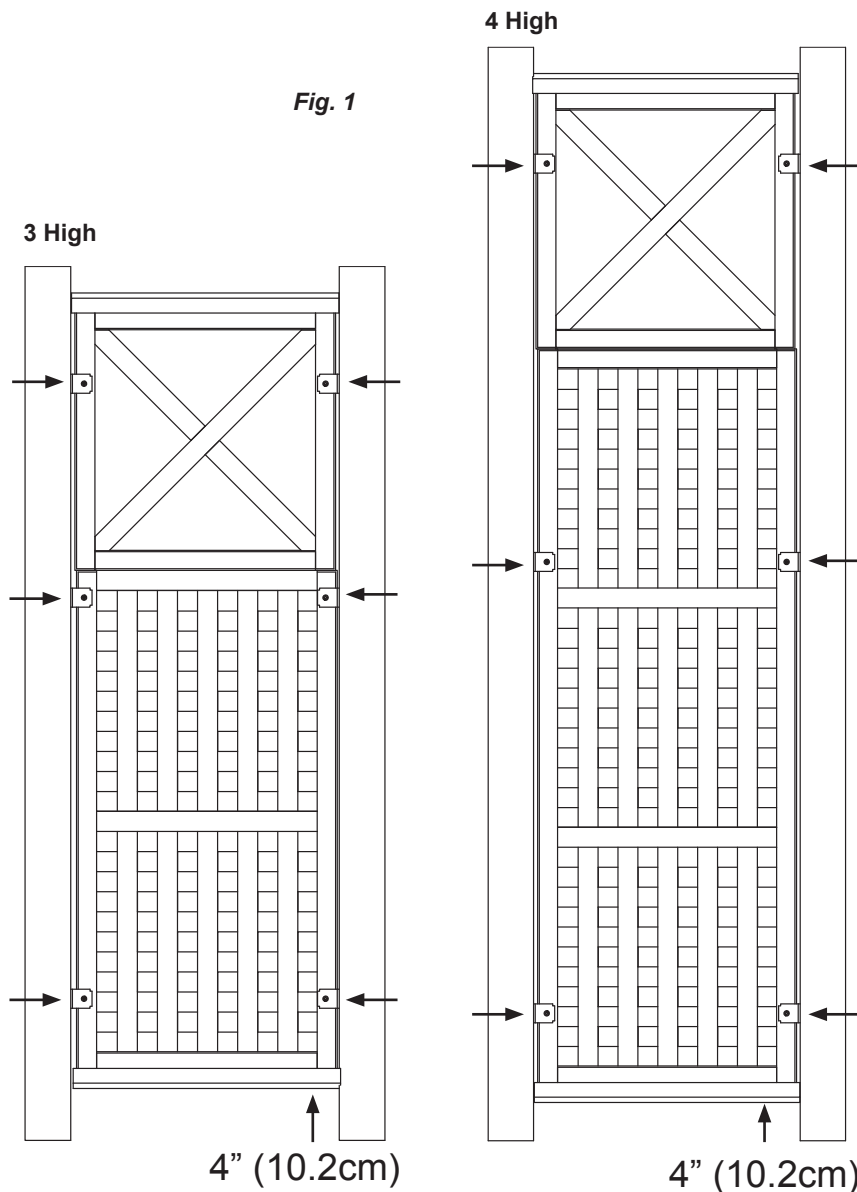
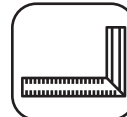


Fig. 2. Predrill Holes and Fasten with S5- 1" Pan Head Screw



12X **S5** 1" PAN HEAD SCREW

STEP 4- LAYOUT POSTS AND CONNECTORS



1. Layout Arbor bases in configuration shown in figure 1. ****Posts must be securely installed to support structure. Consult local building codes and ground conditions for required footing design. It is recommended the structure be secured to existing stone, concrete or deck with the Yardistry Post Base (YM21016) or equivalent hardware.**
2. Install Post Top Connectors with S6- 1 1/2" Pan Head Screws provided. (Fig. 2) Ensure the direction of the Post Top Connector is the same direction as indicated by the arrows in figure 1.

Fig. 1

Install on a flat and level surface!

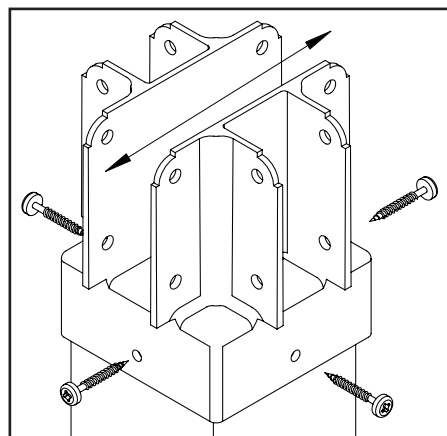
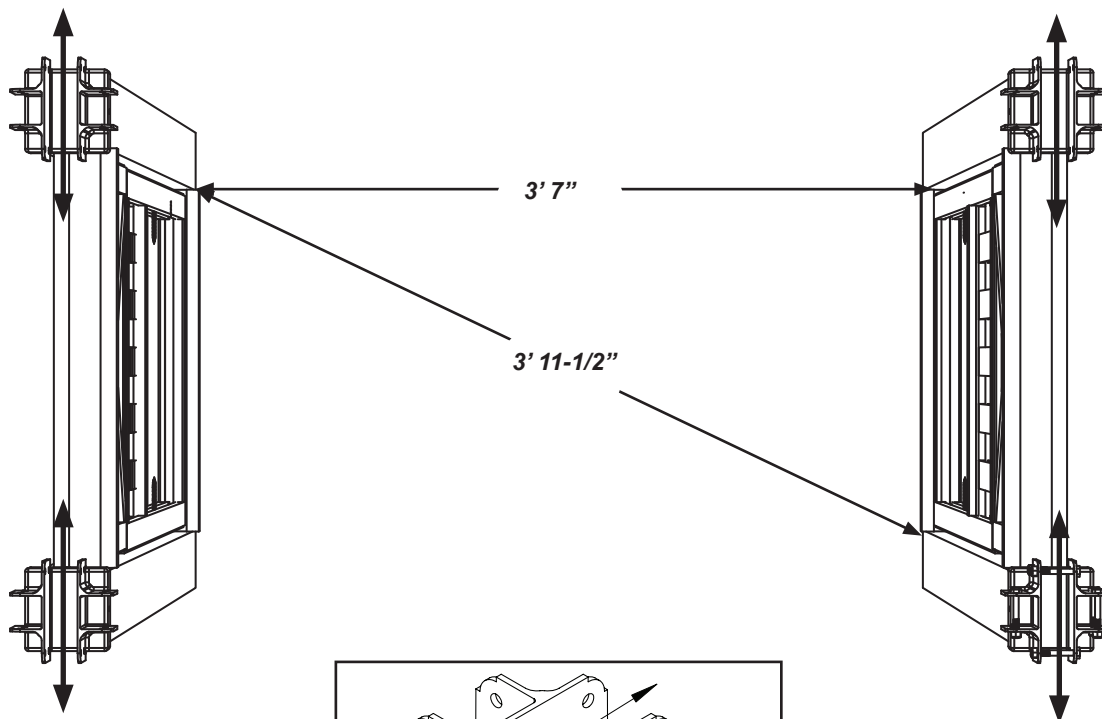


Fig. 2 - Attach Post Top Connectors with S6- 1 1/2" Pan Head Screws.

16X  1 1/2" PAN HEAD SCREWS

4X - POST TOP CONNECTOR

STEP 5- ASSEMBLE ROOF



1. Attach two A- 2 x 4 x 44-1/2" Beams to Post Top Connectors with WH-7/16" Hex Bolt as shown in Fig. 1 and 1A.
2. Centre two B-2 x 4 x 25" Beams in place and attach to Post Top Connectors with WH-7/16" Hex Bolt as shown in Fig. 1 and 1A. **Drill 1/4" Holes for bolts using holes in Post Top Connector as guides.**
3. Attach eight BE- 2 x 4 Beam Ends to Post Top Connectors with WH-7/16" Hex Bolt as shown in Fig. 1 and 1A.
4. Evenly space apart and secure six C-5/4 x 3 x 35 3/4" Trellis to Beams using 5/4 x 3" Brackets and S1 #10- 1" Pan Screw Gray as shown in figures 1 and 2.

Fig. 1

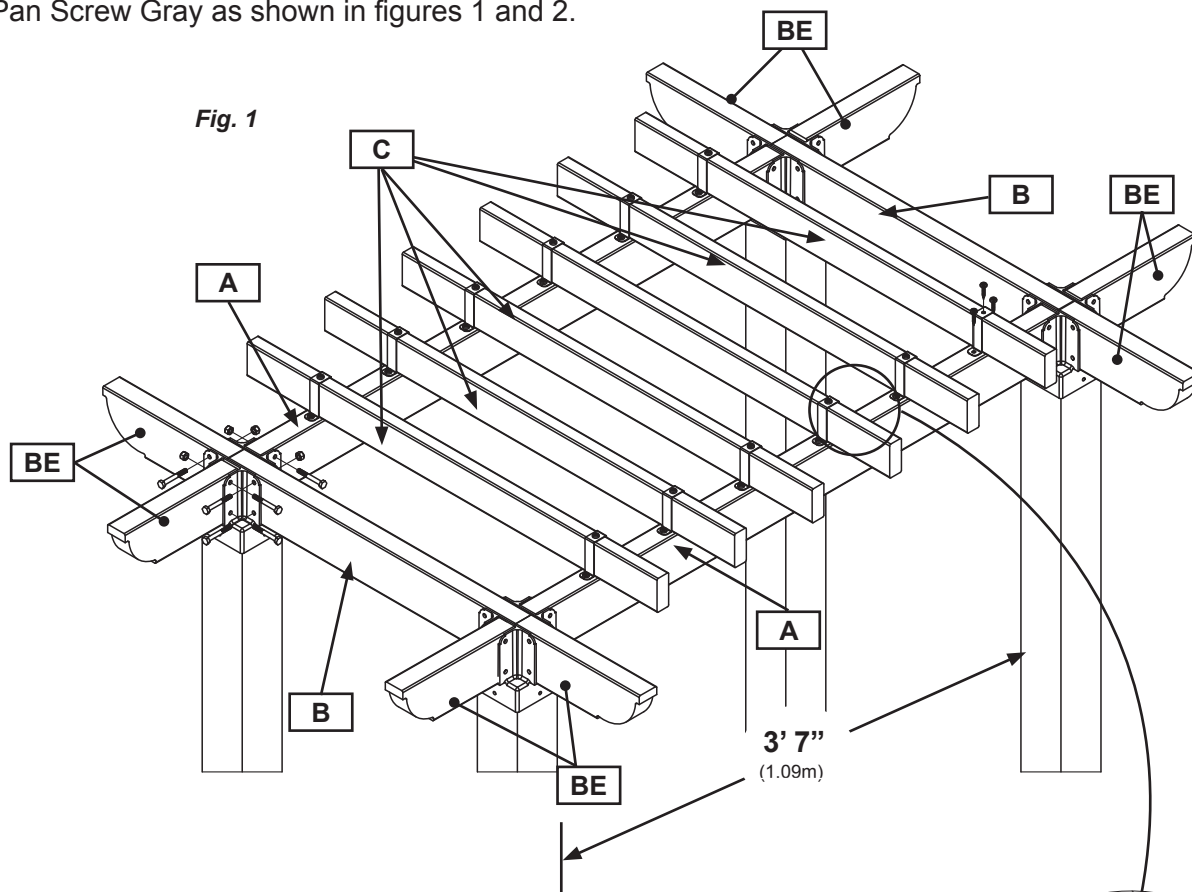


Fig. 2

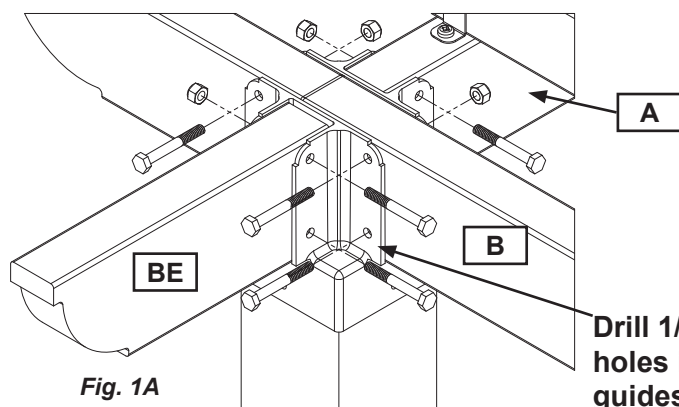
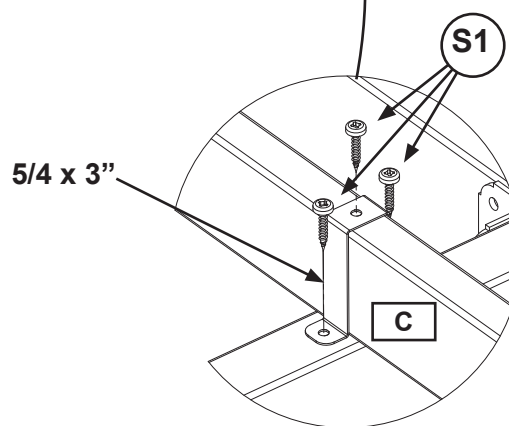


Fig. 1A

Drill 1/4" Holes for bolts using holes in Post Top Connector as guides.

36X #10- 1" PAN SCREW GRAY

2X 2 X 4 X 41" BEAM

6X 5/4 X 3 X 35 1/4" TRELLIS

12X -5/4 X 3" BRACKET

2X 2 X 4 X 25" BEAM

32X 7/16" HEX BOLT W/ NUT

8X 2 X 4 BEAM ENDS