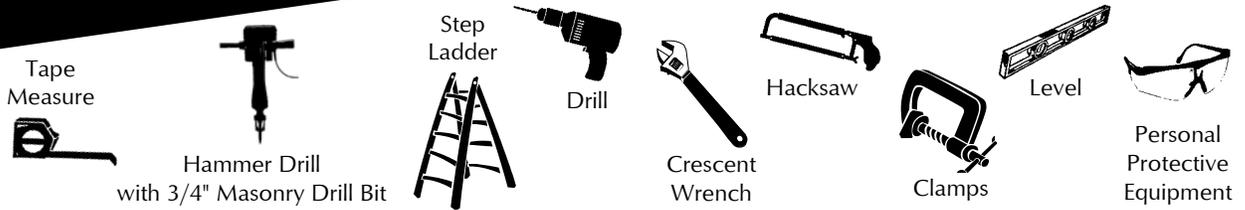


PERGOLA KITS

Tools Required For Installation:



A. SPECIAL NOTES AND EXCEPTIONS:

- Pergola Kits are made for decorative purposes only. Dixie-Pacific™ does not recommend attaching swings or any other structure directly to the pergola kit.
- To preserve and protect the column it is necessary to paint with one coat of high quality exterior primer followed by two coats of an exterior paint.
- Do not paint using dark colors (dark colors are considered any color that falls within the L values of 56 to 0). L is a measure of the lightness of an object, and ranges from 0 (black) to 100 (white).
- Do not paint the rafters, lintels (beams) or end caps.
- Spray painting is not recommended. Paint should be applied with a brush.
- Columns should never be pressure washed.
- Columns should never be sprayed with water prior to installation.
- Concrete should never be used to fill the Fiberglass Columns. This will void the warranty.

1. Before installation, sand, prime and paint the caps, bases/plinths and shafts with one coat of a high-quality exterior primer/paint making sure all surfaces are clean prior to priming and painting. **Note: Spray painting is not recommended. Paint should be applied with a brush.** Make sure all shafts are the same length. If field trimming is required, be sure to always trim from the bottom end only. Trim with a saw with an abrasive blade (Be sure to wear personal protective equipment). Finish the bottom of shaft with a rasp or sander to ensure an even distribution around the entire circumference.

2. A minimum of (4) 13" square concrete footers must be poured. The footers must be poured 10' on center to 10' on center of concrete footers (Diagonal is 169¾") (Illustration 1). Concrete must be a minimum of 4,000 pounds per square inch and a minimum of 4" thick. If desired, a complete concrete pad may be poured for the pergola kit in lieu of pouring a concrete footer.

Note: For an 8' x 8' pergola kit, a minimum of (4) 10½" square concrete footers must be poured. The footers must be poured 8' on center to 8' on center of concrete footers (Diagonal is 135¾") (Illustration 2).

3. Measuring 120" on center of concrete footer, use hammer drill with ¾" drill bit and drill a 1 ¾" deep minimum hole (Be sure to wear personal protective equipment.) Clean hole of any dust or debris.

Note: For an 8' x 8' pergola kit, measure 96" on center of concrete footer.

4. Place ¾" concrete anchor into the pre-drilled hole-threaded end first.

5. Place ¾" x 10' threaded rod inside of shaft while lying horizontally on the ground.

6. Place column in a vertical position over the hole with the concrete anchor.

7. Using wood shims (blocks), elevate the shaft off of the concrete footer so that you can insert the threaded rod into the concrete anchor (Illustration 3).

8. After the threaded rod is secured into the concrete anchor, remove the wood shims making sure that the column shaft is centered directly over the concrete anchor and threaded rod.

9. Secure the bottom of the column shaft to the concrete using the provided L brackets and non-corrosive screws. Note: Make sure to pre-drill first and do not over tighten the screws.

10. Slide the base/plinth over the top of the shaft allowing the base/plinth to drop to the concrete footer. Note: The base/plinth will conceal the L brackets.

11. Secure the base/plinth to the shaft and concrete using non-corrosive screws. Be sure to pre-drill first.

Illustration 1

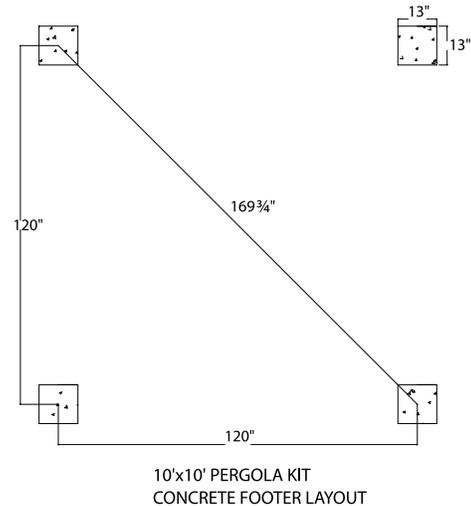


Illustration 2

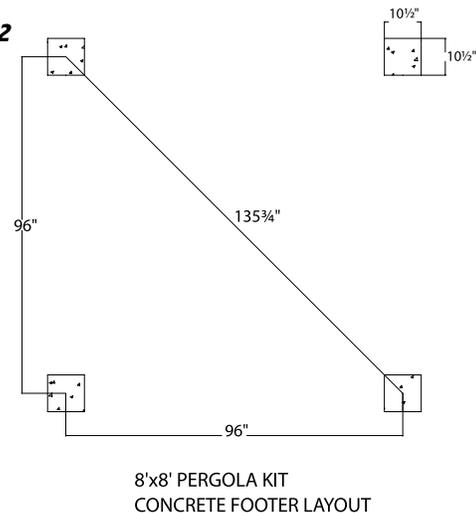


Illustration 3

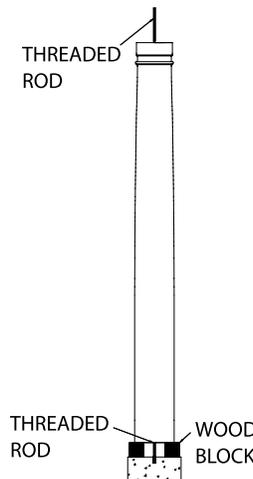
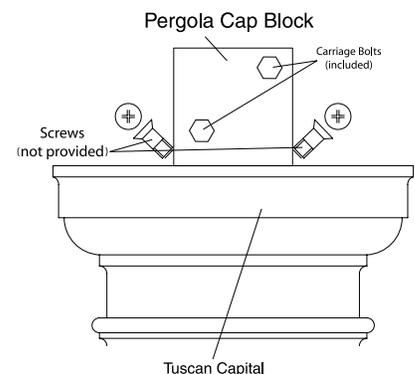


Illustration 4



12. Attach the pergola block to the Tuscan capital using adhesive and non-corrosive screws (Not provided). (Note: hole is predrilled for threaded rod) (Illustration 4).

13. Slide the Tuscan pergola capital over the top of the threaded rod allowing the capital to rest on the top of the shaft. (If installing a DuraLite™ Square Fiberglass Column, slide the neck mold over top of shaft to desired location before sliding capital over. Fasten neck mold to shaft using non-corrosive screws. Caulk between neck mold and shaft.). Attach capital to the top of the shaft using non-corrosive screws.

14. Once pergola capital is attached, use the galvanized plate and 3/8" hex nuts to tighten the capital and the column shaft to the ground. Cut excess threaded rod flush with the top of capital block using a hacksaw (Be sure to wear personal protective equipment).

15. Place one lintel (beam) on each side of the pergola capital. Each column will have two lintels (beams) running across the top. Note: Make sure the lintels (beams) are centered equally over the columns having the same overhang on both sides (Illustration 5).

16. Hold lintel (beams) in place over the capitals with clamps. While secure, pre-drill 1/8" holes in opposite corners of the capital block through the lintel (beam) and the pergola capital (Be sure to wear personal protective equipment).

17. Insert 3/8" by 10" carriage bolts through the pre-drilled holes with the head of the bolt showing from the outside of the pergola. Attach 3/8" washer and 3/8" hex nuts to the carriage bolts. Do not over tighten.

18. Starting with the center point of the lintels (beams), evenly space the rafters working from the inside center point.

19. Dry-fit and evenly space the 2" x 2" pergola clips along the top of the lintels (beams). Spacing for the pergola clips will be 14 3/8" apart (measuring from center to center of clip) (Illustration 7). Once spacing is determined, level and secure the clips with 3/4" screws (provided). Note: there will be (4) 2" x 2" clips per rafter. Note: For an 8' x 8' pergola kit, spacing will be 13 11/32" apart (measuring from center to center of clip) (Illustration 6).

20. Dry-fit and place rafters into evenly spaced pergola clips. Before securing rafters to the pergola clips, make sure that the rafters are centered equally having the same overhang on both sides.

21. Secure rafters to the pergola clips by using the PVC glue (provided). Apply the glue to the top of the clip and lower the bottom of the rafter into the adhesive.

22. Secure the rafter and lintel (beam) end caps by using the PVC glue (provided). Attach the end caps to each end of the rafters and lintels (beams).

23. Caulk between the cap and shaft and the base and shaft for a finished appearance. Paint the capital, shaft, and base/plinth with a final topcoat. **Note: Do not paint the rafters, lintels (beams) or end caps.**

Illustration 5

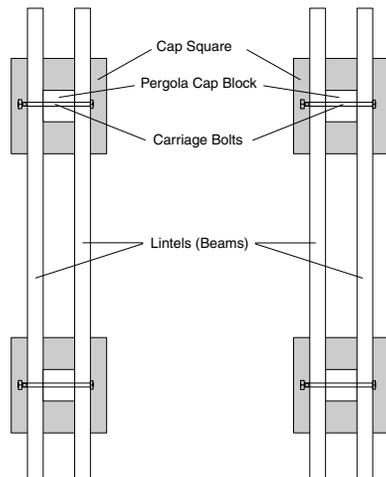
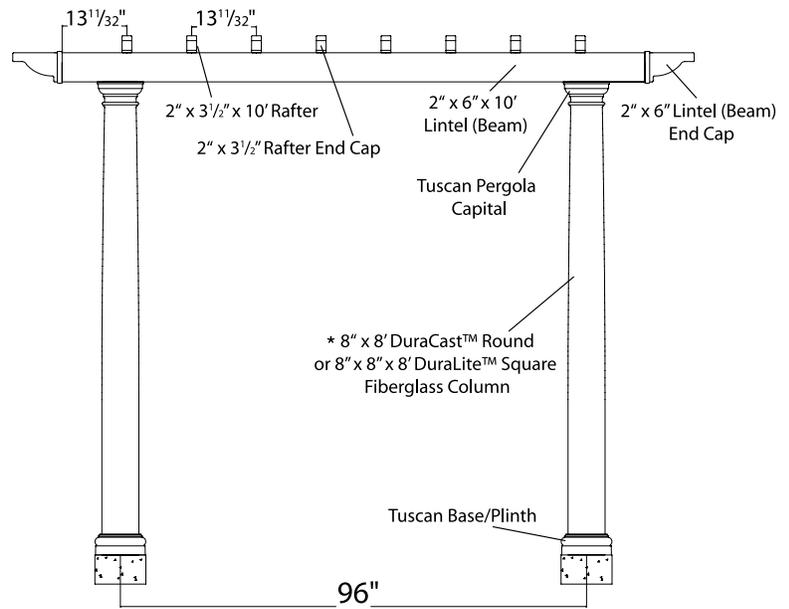


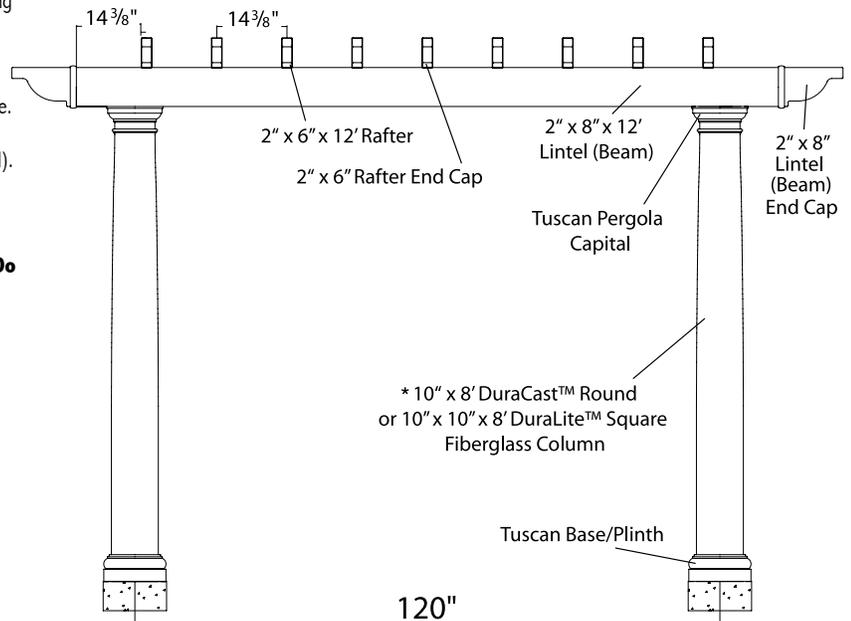
Illustration 6



8'x8' PERGOLA KIT

*Illustration 6 shows DuraCast™ Round Tapered Fiberglass Columns

Illustration 7



10'x10' PERGOLA KIT

*Illustration 7 shows DuraCast™ Round Tapered Fiberglass Columns

Warranty is void if installation instructions are not followed.