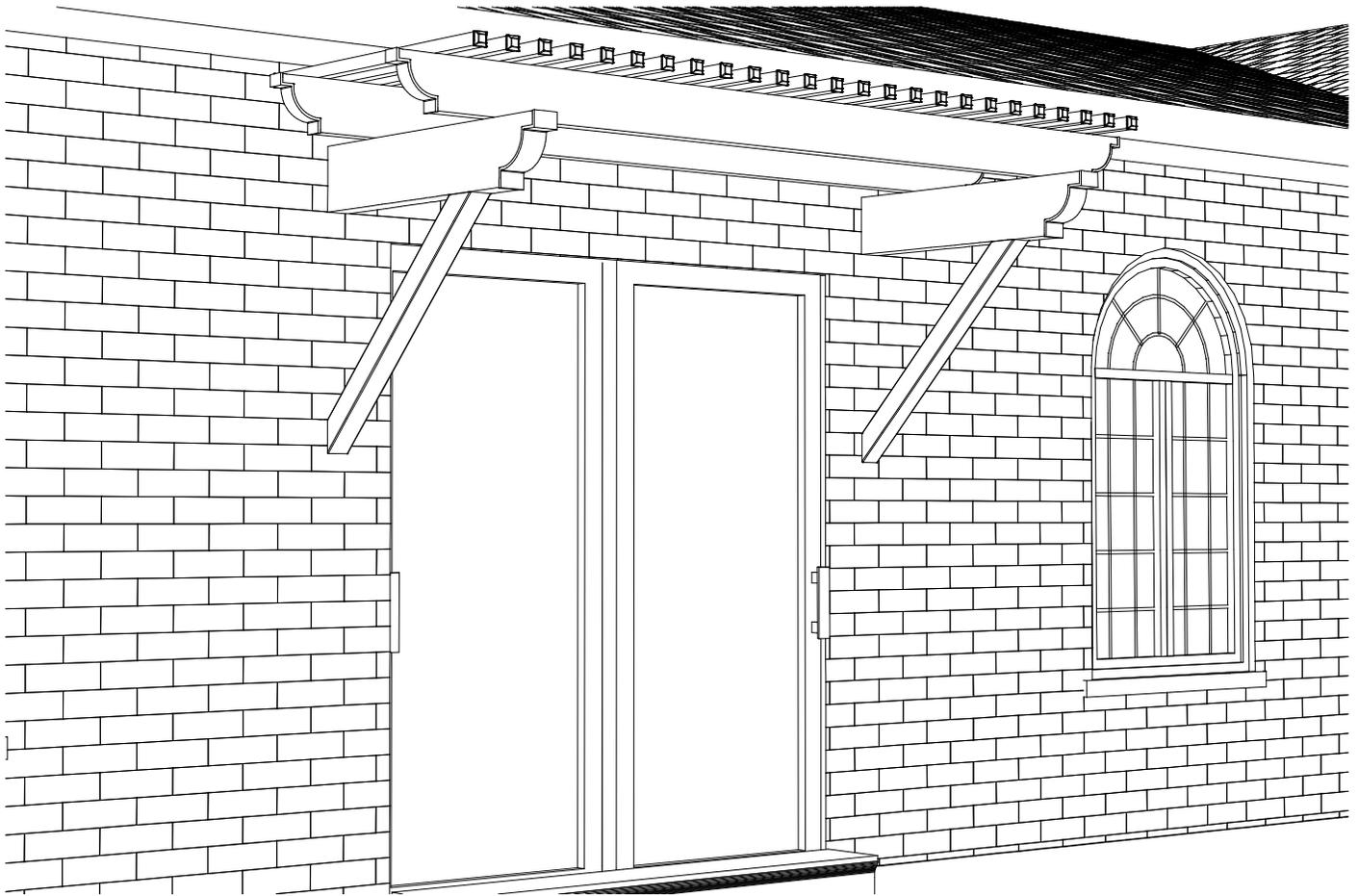




ATTACHED PERGOLA ARBOR INSTALLATION INSTRUCTIONS

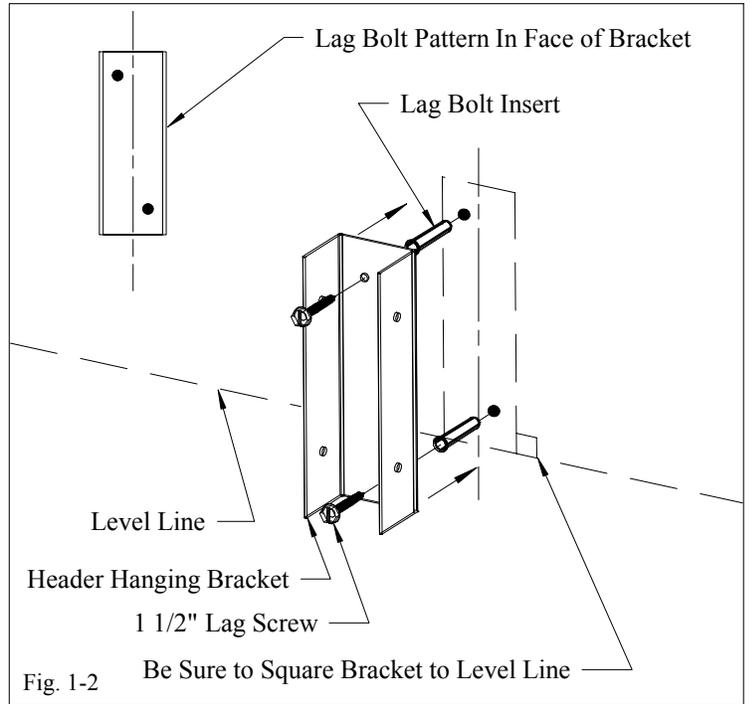
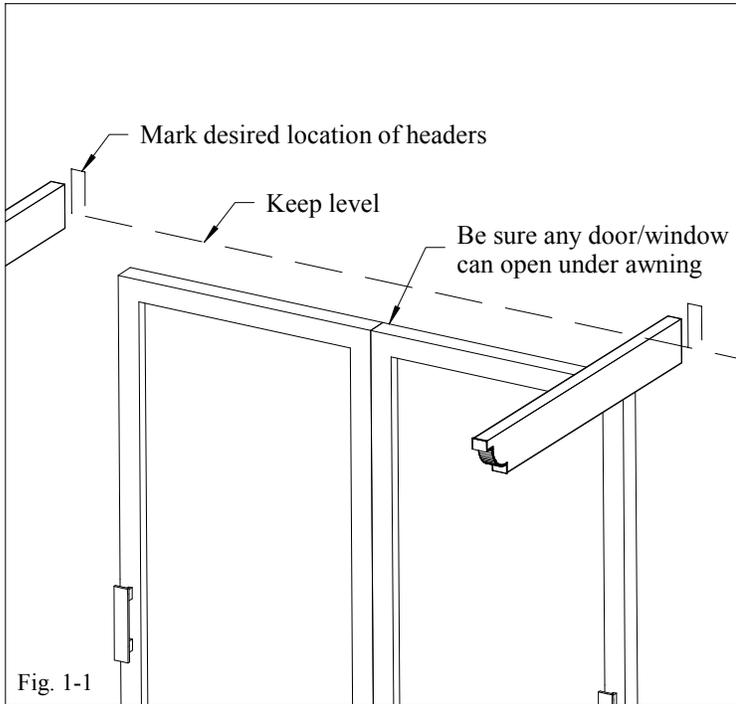


Recommended Tools: Safety Glasses, Tape Measure, Carpenters Level, Framing Square, Hex Head Nut Drivers, Chalk Line Elec. Drill w/ Bits (Masonry Drill, Bits. & Anchors maybe required if securing to Stone, Concrete, or any other masonry unit.)

- Before You Begin:**
- 1.) Please read all instructions carefully. Check the Bill of Materials for any missing parts, and gather necessary tools. To prevent scratching of painted materials, place on a tarp, paper, or protective material.
 - 2.) You may be required to obtain a building permit for this structure from your local building authority. This product should only be installed in 10, 20, or 30 psf (pounds per square foot) snow load and 90 mph or less wind speed zone (Custom models can be designed for heavier loads). This product is listed under ICBO Evaluation Report #2621P. You may have to submit two copies of your plot plan and also a copy of the evaluation report to your local building authority for a building permit. Contact your local building department for details and your area's snow & wind loads.
 - 3.) Note that this Pergola Kit is not designed to carry additional loads such as hanging heavy plants, swings, people, or other objects.

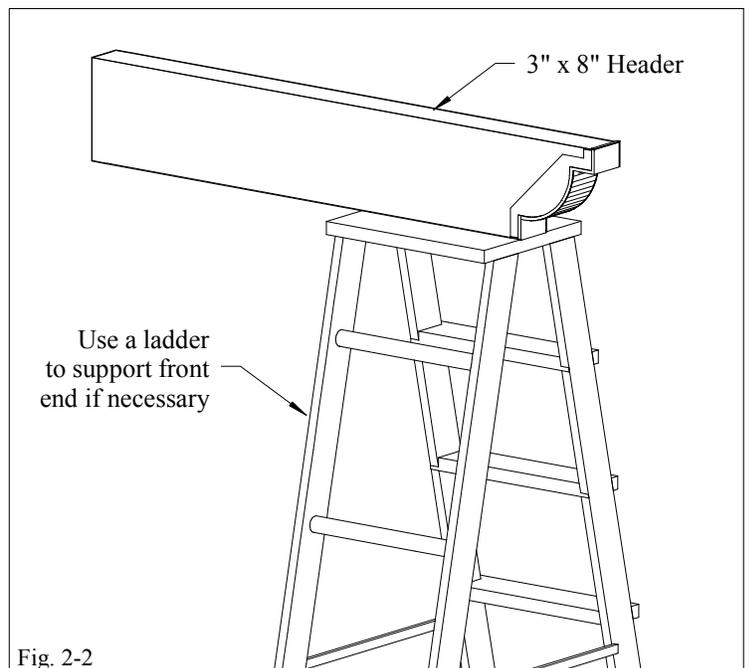
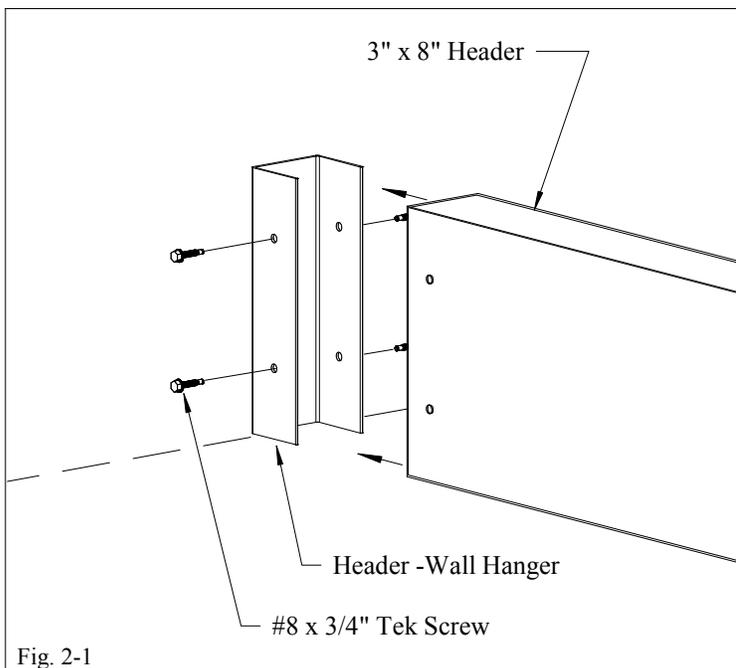
STEP 1

Determine the location for your pergola. Mark the location of the headers to project from the building. Be sure to keep headers level, snap a level chalk line along the wall if necessary. Pre-drill 2 - 5/16" holes in the wall, being sure to hit a solid anchor point (see Fig. 1-2). Place 2 - lag screw inserts into holes and attach header-wall hanger w/ 1 - 1 1/2" lag screw through top hole but do not tighten. Use a level or framing square to straighten the brackets and insert bottom screw and tighten top. Install the remainder of the brackets (see Fig. 1-2). NOTE: If a solid anchor such as a wall stud cannot be located, a 2" x 8" ledger board may be required (Ledger Board Not Supplied By Manufacturer)



STEP 2

Place a header, seam side up, on a header-wall hanger. Anchor the header to the header hanger with 4 - #8 x 3/4" Tek Screw (see Fig. 2-1). The other end of the header may need to be supported until the side plates are attached. Use a ladder or similar means if necessary (see Fig. 2-2). Set a header in place on the opposite side of the unit using the same procedure. Install any remaining headers.



STEP 3

Determine and mark the mounting location of the posts. Attach a post bracket at each location following the same procedure as in Step 1. Anchor the side plate to the rafter hanger with 4 - #8 x 3/4" Tek Screw (see Fig. 3-1). Attach the other end of the post to the header with another post bracket.

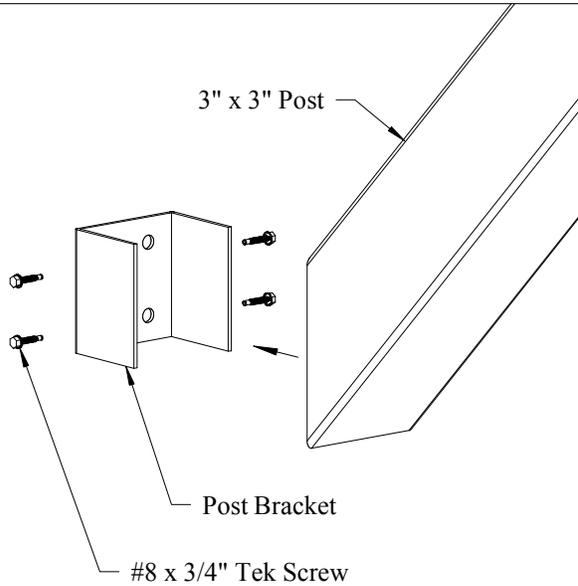


Fig. 3-1

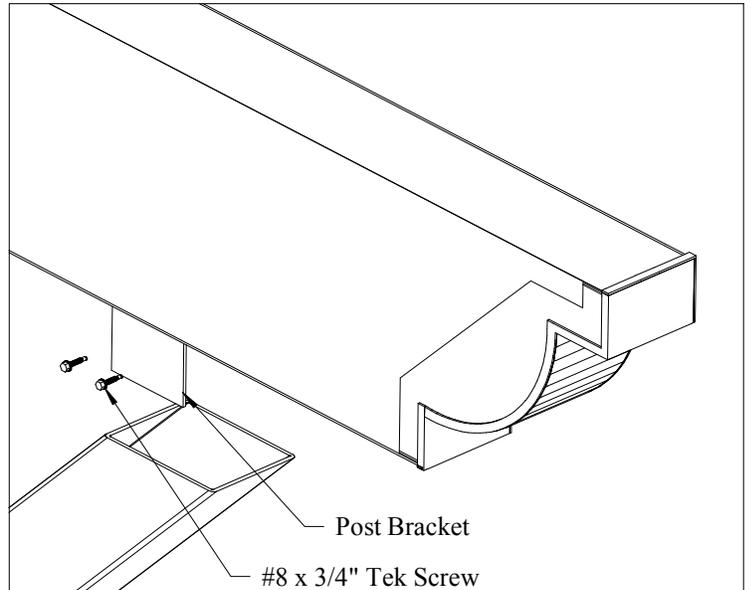


Fig. 3-2

STEP 4

Attach the rafter mounting brackets to the header at the desired locations using 4 - #8 x 3/4" Tek screws (see Fig. 4-1). Position the rafters in the rafter mounting brackets with an equal amount of overhang on both ends. Attach the rafters to the rafter mounting brackets using 4 - #8 x 3/4" Tek screws (see Fig. 4-2).

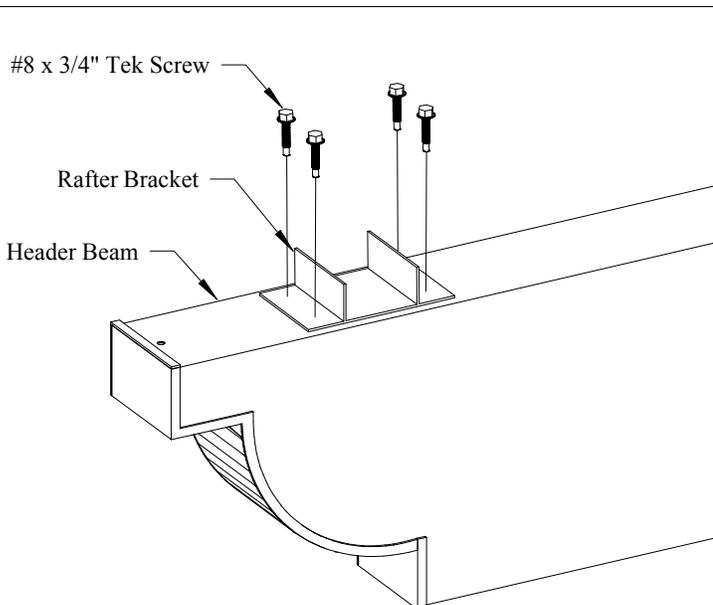


Fig. 4-1

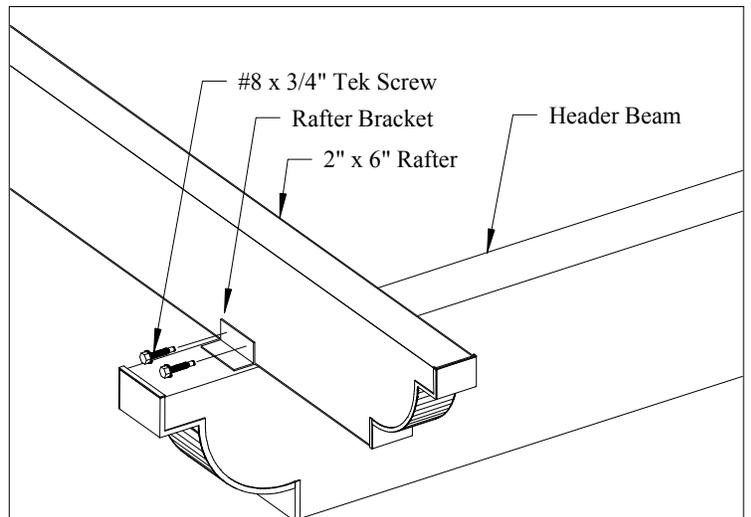


Fig. 4-2

STEP 5

If the lattice tubes require splice, insert the splice into the end of two tubes and attach with 2 - #8 x 3/4" Tek screws (see Fig. 5-1). Layout lattice on rafters seam side up. Position with an equal amount of overhang on both ends. The standard lattice spacing is 4-1/2" on center. Attach the lattice to each rafter using the 2" sheet metal screws (see Fig. 5-2).

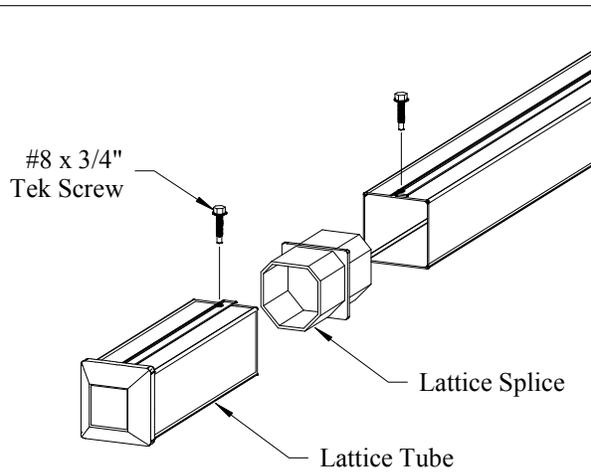


Fig. 5-1

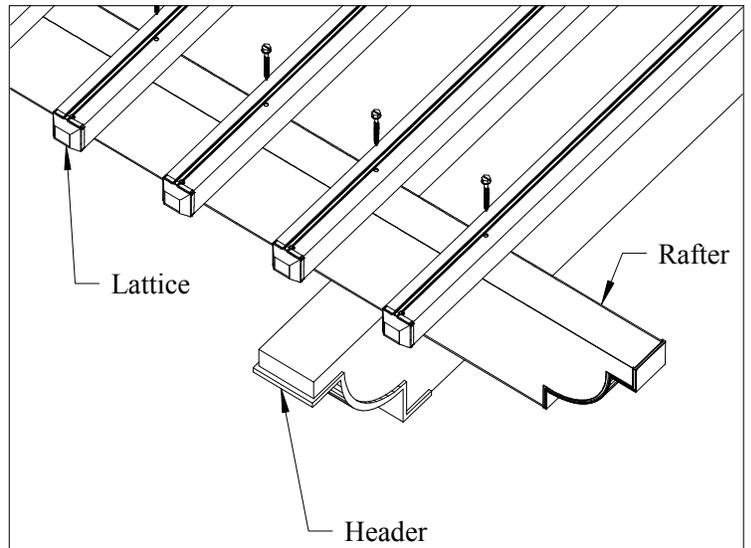
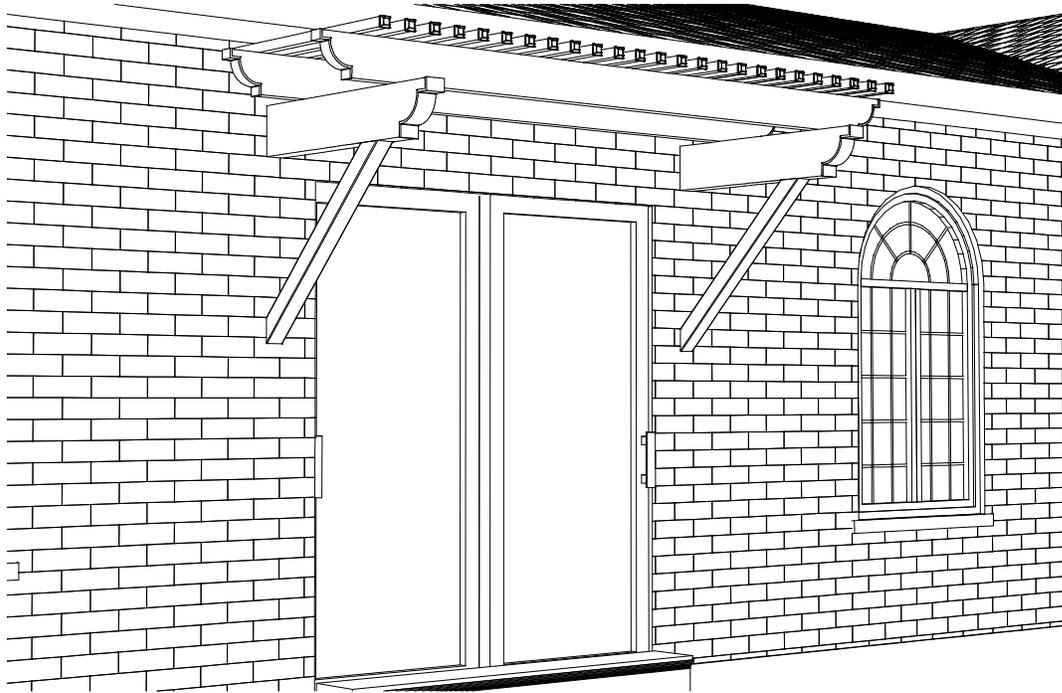


Fig. 5-2

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NOTES