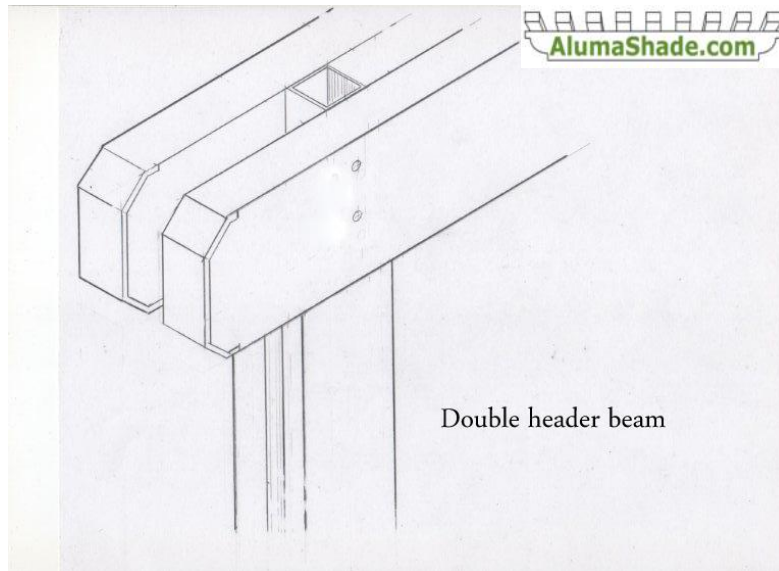


## Installation of double header beams



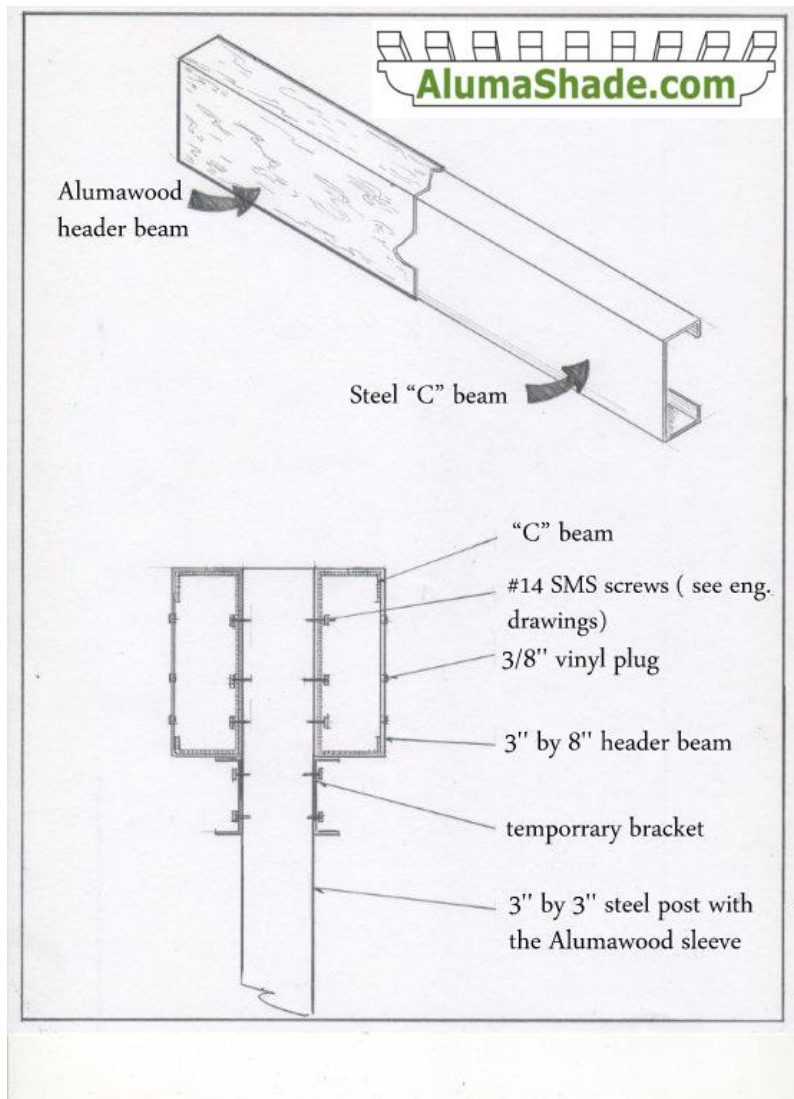
The double header beam is good for greater spans between posts of the patio covers. It also works well with fiberglass columns.

The double headers will look great with the columns, giving more mass to the top of the cover. Steel C beams are sometimes inserted into the headers for maximum spans. If steel C beams are used, then footings and steel post are also required.

If the cover is solid, then the Alumawood sleeve and the cloverleaf steel or aluminum post will be the same length and flush to the top of the header beam. If you are building a lattice cover, then the top of the post must be sealed with a 3" x 3" post cap. The top of the post cap will be 3/4" high after it is inserted, so to insure that is flush to the surface of the header beam, the Alumawood post needs to be 3/4" lower than the top of the header.

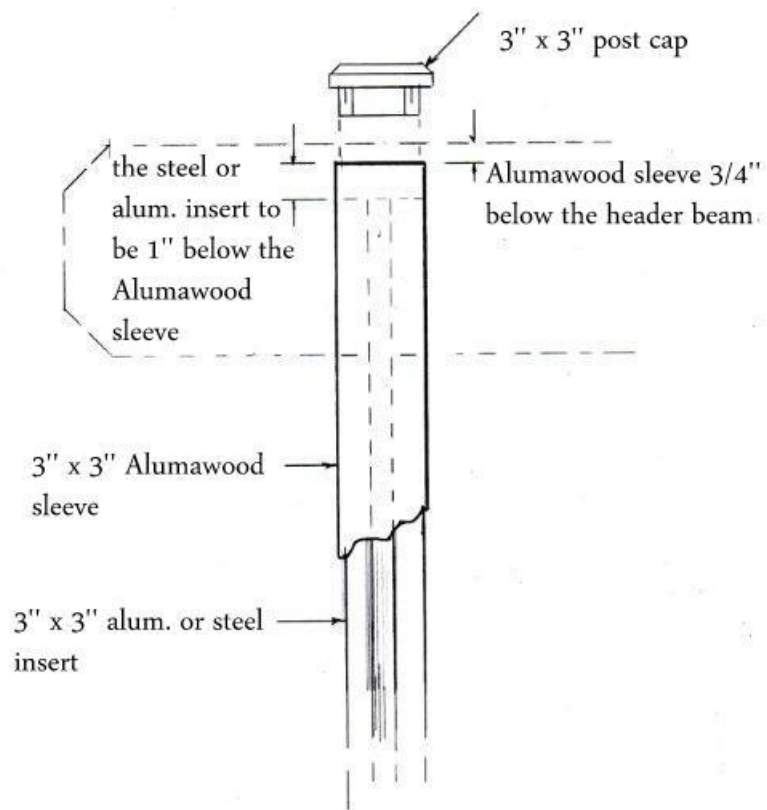
You may let the post stick up past the header if you like. If you choose to have the post stick up above the headers then make sure the rafter layout will not interfere with the posts. You can adjust the rafters accordingly.

If you choose to have the posts flush then you may have to trim the cap to fit between the headers.



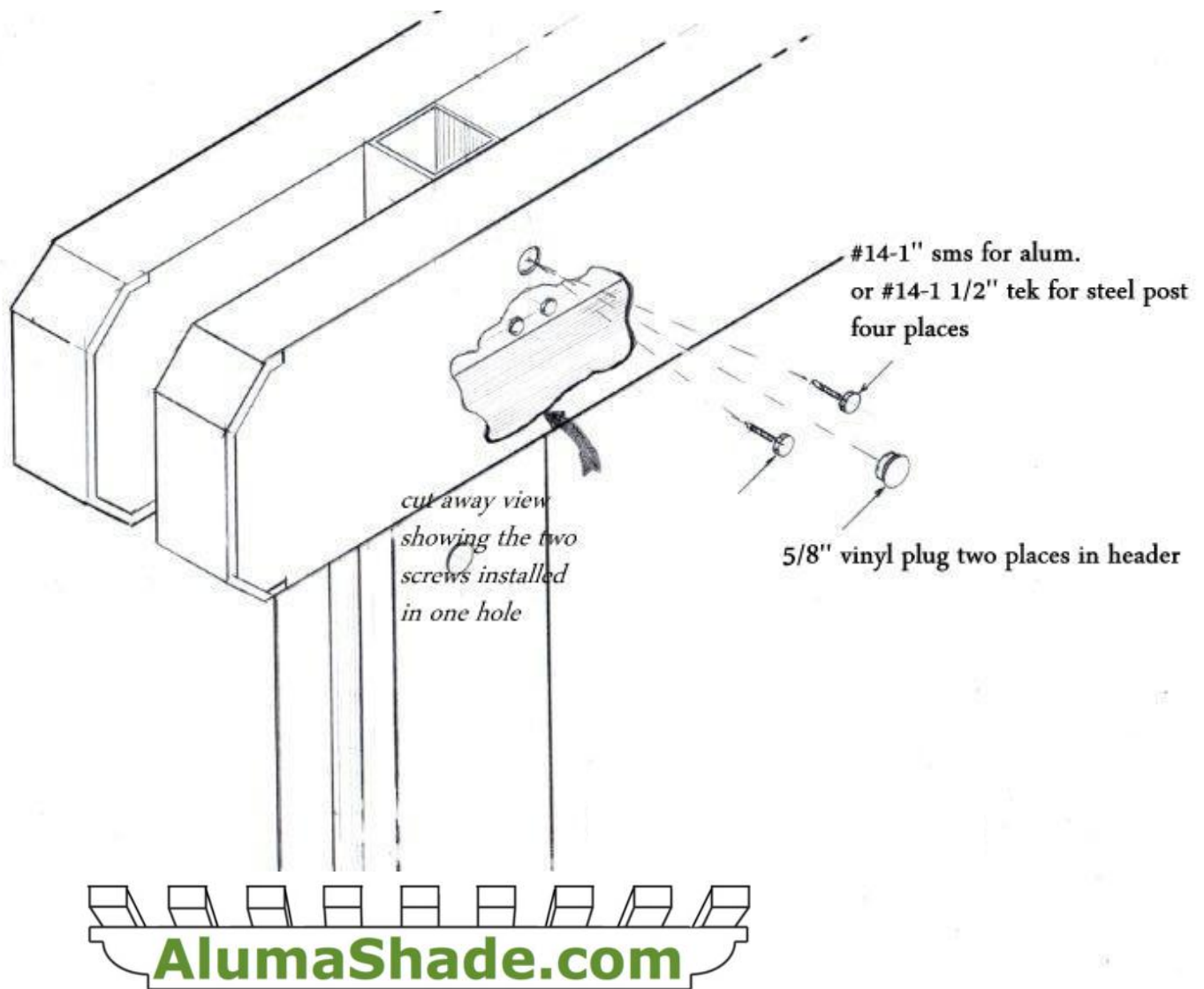
When installing C-beams make sure the back of the C-beam is against the post.

You should use 6 screws, you may prefer to drill only 3 of the 5/8" access holes and angle the drill slightly to the right and left side (make sure you don't angle it too much) I prefer to use as few of the 5/8' plugs as possible.



Installation configuration for a double header beam  
Laguna lattice cover





Drill the 5/8" holes in the header beams in the center of the post, two inches down from the top and bottom of the header beam. Put two screws in each hole, and then install the vinyl screw plugs.

As stated earlier, the posts that you will receive in your kit is determined by From the information that you give us. The projection, width, height, wind loads, and live loads All are important for the cover to be compliant to the building codes of your area. Make sure that this information is correct when placing the order. Your local building dept. will help you with the wind and live load requirements.

When you are referring to the ICC engineering look at the post spacing for the lattice or solid covers.

The first column is the live load or snow loads from 10 pound live to 60 pound live.

The tributary width is described in the tributary tables. The tributary width is about half of the projection plus 1/2. This is determined by the overhang of the cover.

See the double header beam table, go to the proper tributary and refer to the post column.