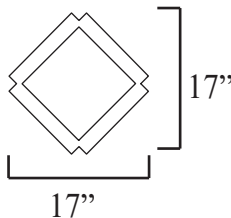


Chaplin Ceiling Install Instructions. (Series 4)

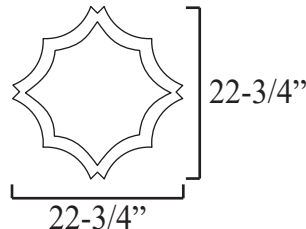
PATTERN DENSITY AND LAYOUT:

In my directions I am going to use a square ceiling shape. This ceiling was designed using only three different components. In your order you will have square parts with “V” slots, eight sided section with “V” slots and Connection molding in 10ft. lengths.

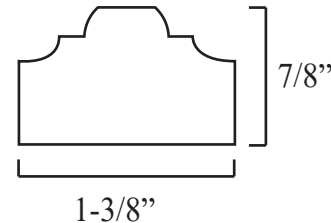
CEIL-164E



CEIL-164D

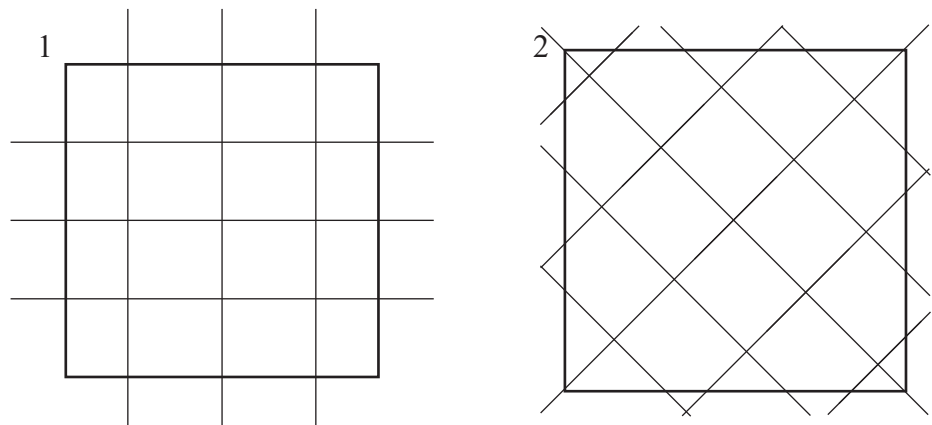


MLD-164



The first step in any geometric ceiling installation is to determine your pattern density (see section 1). we use Latitude and Longitude chalk centering lines (Grid System) on the floor under your ceiling. Centering lines that are closer together create a higher density design and Centering lines further apart create a more open..... Less dense look.

Section 1

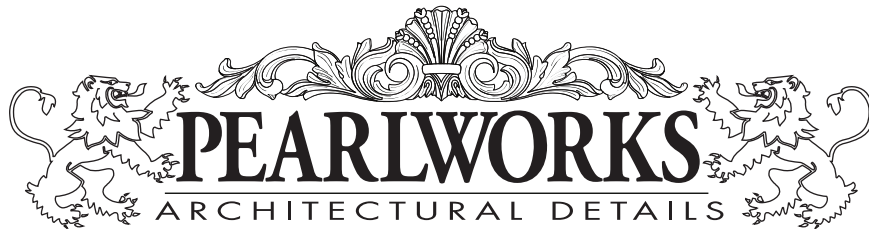


*Grid system can be set at any angle to provide multiple custom looks.

Now lay all your parts out on the floor to see if the density is correct. At this time you can move the parts out or in to determine the perfect look for your application.

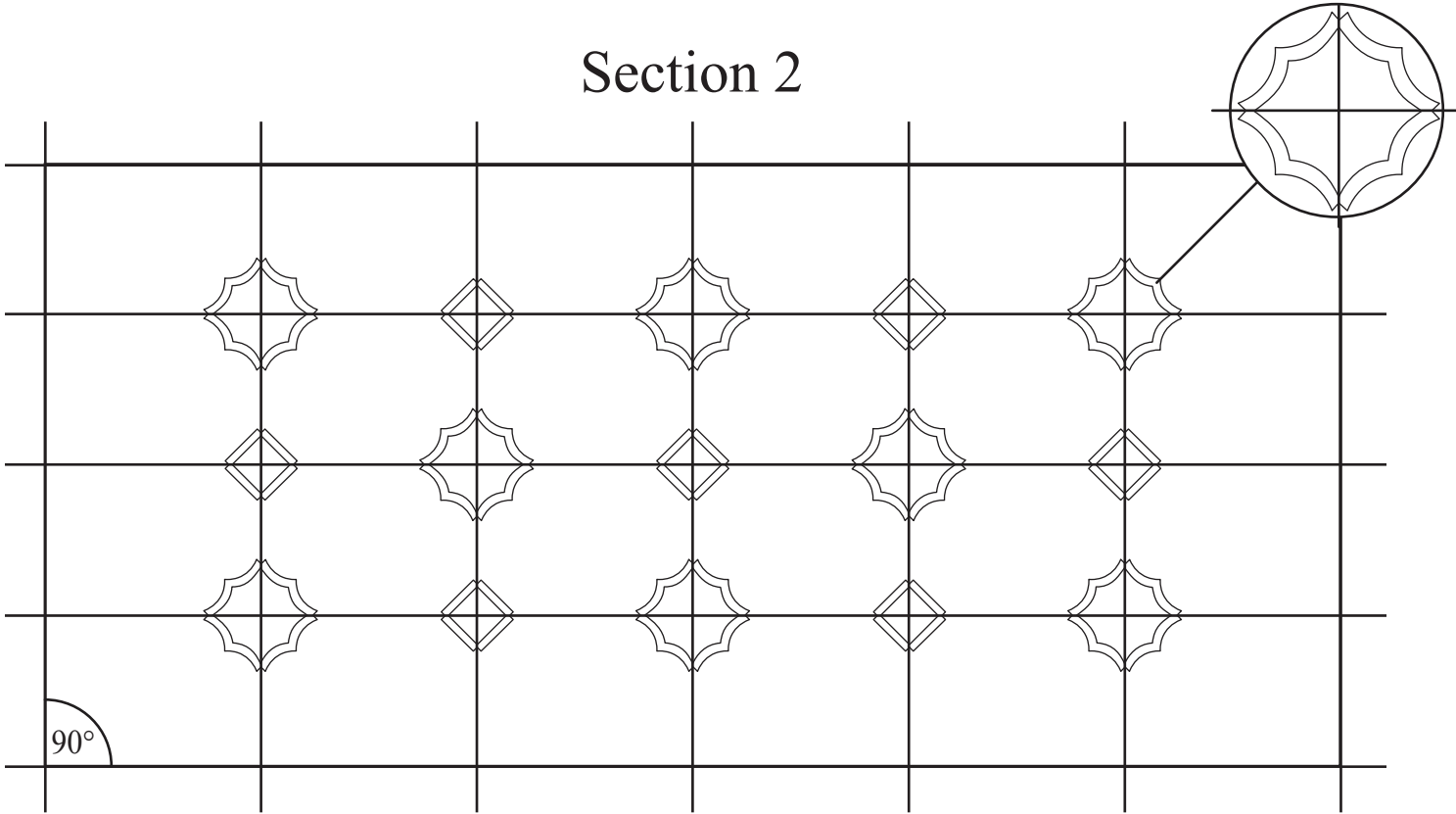
Once you determine the density, take measurements of the distance between the latitude and longitude lines. This will be the basis of the grid lines that can now be transferred to the ceiling. The most important step is to make sure the Grid Lines are perfectly parallel and at 90 degrees to each other. If the lines are not parallel you will have a pattern that will not be straight.

***You cannot get this ceiling square and aligned straight without using the Grid System as a guide.**



Once the grid size is finalized, it's time to place all diamond and octagon pieces in place first (See section 2.)

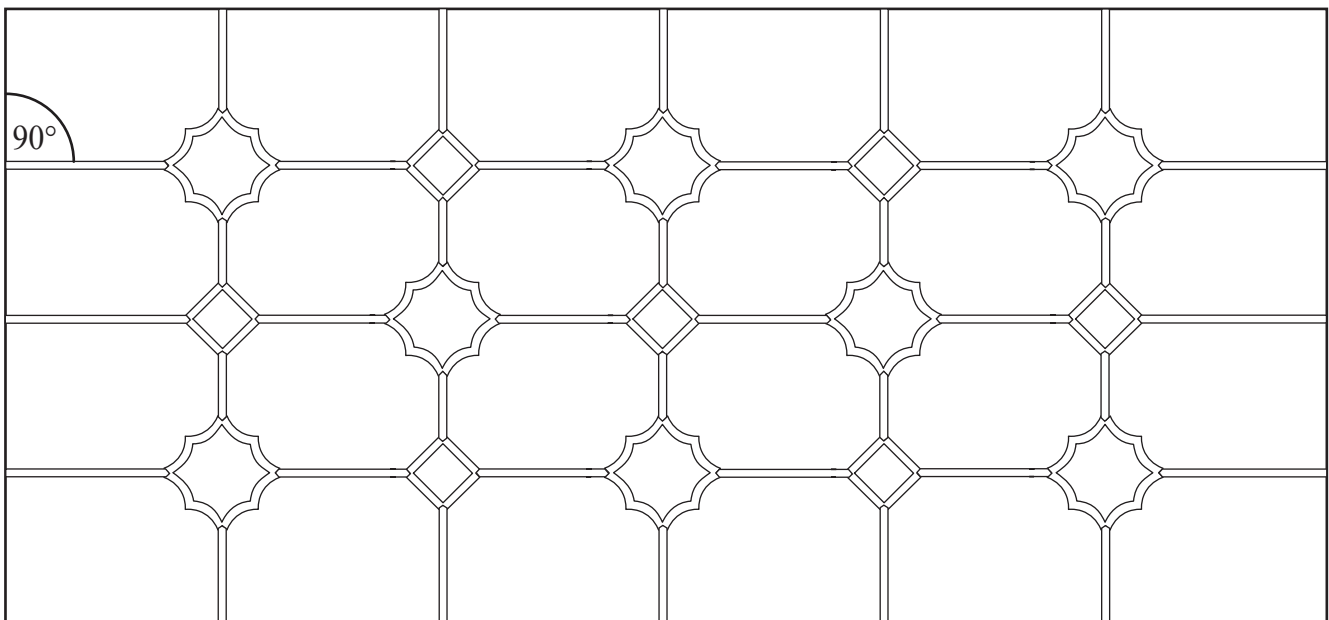
Section 2

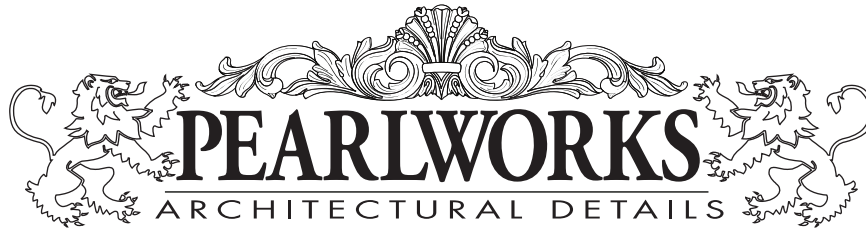


*Make sure all grid lines intersect with the "V".

Now that all the diamond and octagon pieces are in place, take the lengths of MLD-164 and cut to fit.

Section 3



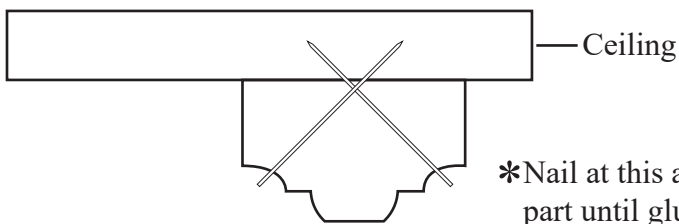


CEILING INSTALLATION:

Pearlworks recommends using both a chemical and mechanical bond for the ceiling installation.

First trim all diamond pieces for a perfect fit between the squares. Once they fit perfectly apply a bead of construction adhesive to the back of the ceiling parts and apply directly to the ceiling surface. This is a two man job as one person will hold and the other will use the micro-nailer to secure into place.

Adhere the ceiling right to the drywall surface using sub-floor adhesive along with 23-gauge micro-pinner nails installed at an angle to hold the ceiling in place until the glue dries.



*Nail at this angle to hold part until glue dries.

*Use only 1-1/4" or 1-1/2" Long 23-Gauge Micro-Pinner Nails only.

***DO NOT USE SCREWS. THEY CAN AND WILL CAUSE SPLITS.**

*Installation Tip!

Lay-out your grid dimensions 1 inch narrower on both horizontal and vertical grid lines this is why we use 24" and 30" spacing. We always keep our grid lines narrower than the part. This allows you room to compensate for slight irregularities.

Here is the problem, your ceiling is not perfectly flat. Resin will follow every high and low spot for a tight fit against the ceiling overall.

The problem is the lengths of the resin part will come up short because of the high and low spots on the ceiling.

The tighter grid requires you cut each part but the benefits guarantee a perfectly tight fit vs filling gaps if you come up short.

If you have any further questions please contact Pearlworks at (714) 573-1700