

**Concrete and Anchor Installation Requirements:**

Anchor Type: 1/2"-13 threaded drop-in concrete anchors

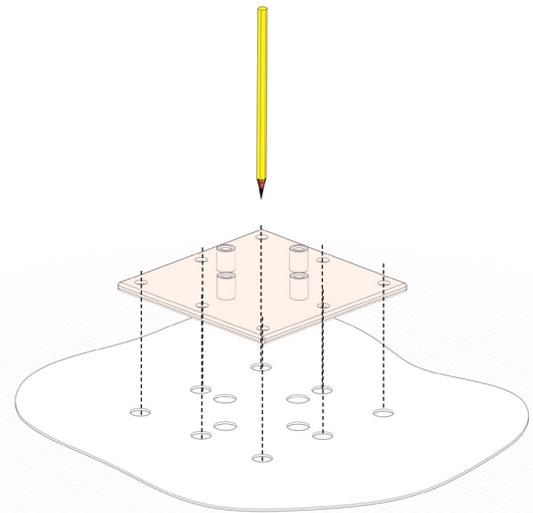
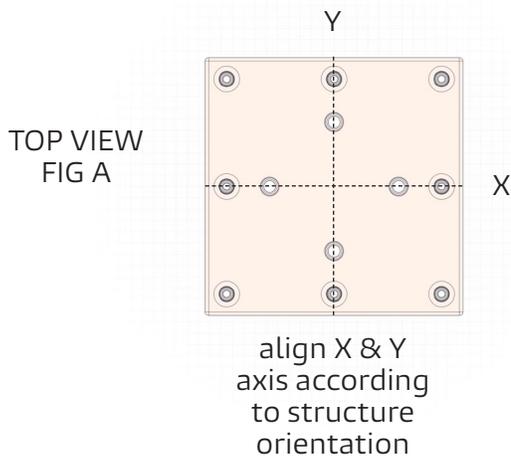
For proper installation to achieve maximum holding load of anchors:

- Minimum 4000 PSI concrete strength
- 4" minimum concrete thickness required
- Minimum edge distance 3.5"

**Step 1.**

Turn concrete pad mount upside down then with a pencil mark the outside 8 hole pattern as well as the 4 hole inside pattern on concrete deck.

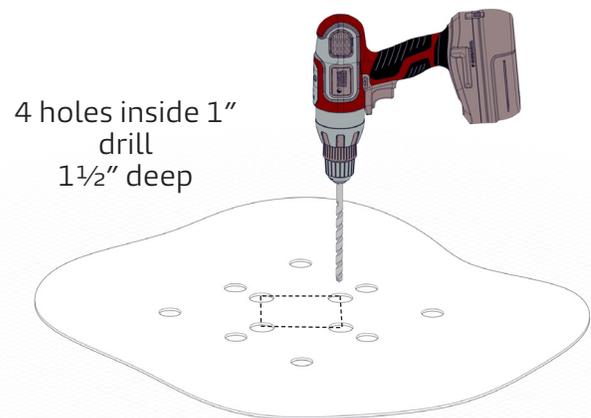
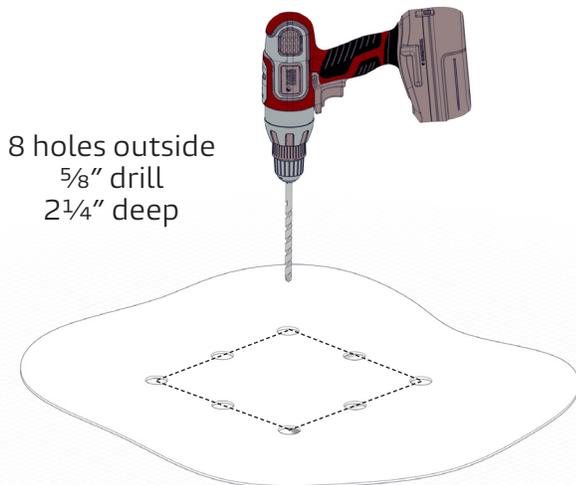
**Note:** Before marking the hole patterns, ensure the holes are lined-up with the axis orientation in which you want the parasol to be facing -> see FIG A



**Step 2.**

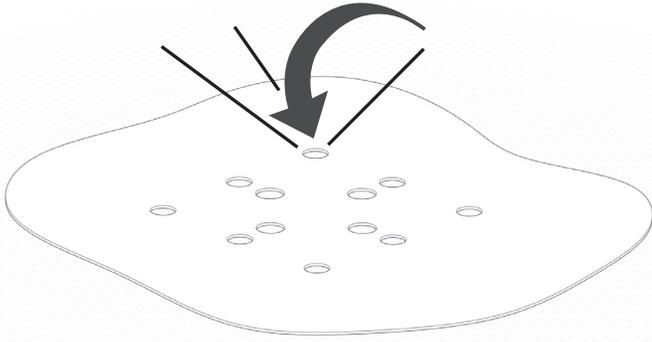
Use a 5/8" diameter drill bit. Drill the 8 outside holes outside: To assure full holding power, do not ream the hole or allow the hammer drill to wobble. Hole depth must be 2 1/4".

Use 1" diameter drill bit. Drill 4 inside holes 1 1/2" depth.

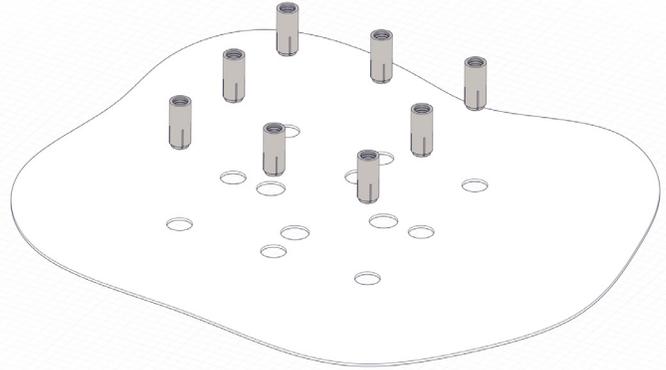


**Step 3.**

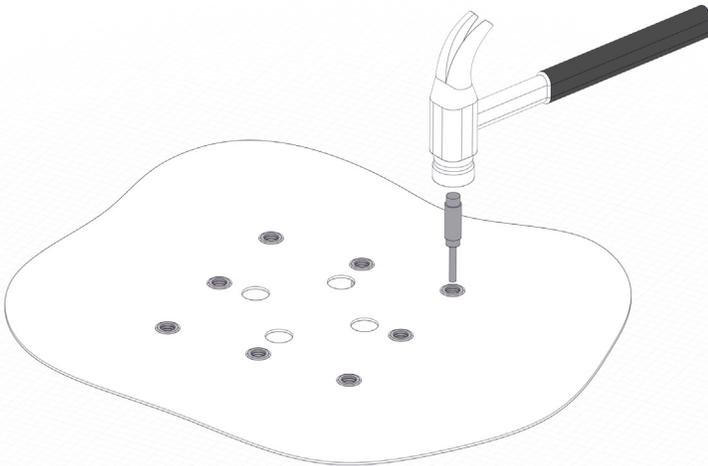
Clean the holes using dry compressed air and a clean wire brush. Dust and debris that is left in holes will significantly reduce the holding capacity of the anchor.

**Step 4.**

Insert "Drop in" anchors.

**Step 5.**

Hammer to open flange on "Drop in" anchors.

**Step 6.**

Install concrete pad mount by using eight 1/2" x 1 1/4" counter-sunk bolts. Make sure to tighten all eight 1/2" x 1 1/4" counter-sunk bolts securely.

