

INSTALLATION INSTRUCTIONS FOR EXISTING CONCRETE

MEGA MAX INGROUND HINGE BASE

ANCHOR TYPE: 5/8" chemical or drop-in anchors

CONCRETE TYPE: 4000 PSI reinforced with number 4 rebar, spaced 12" on center, on both the top and bottom faces, and oriented in both the longitudinal and transverse directions.

MINIMUM THICKNESS: 6"

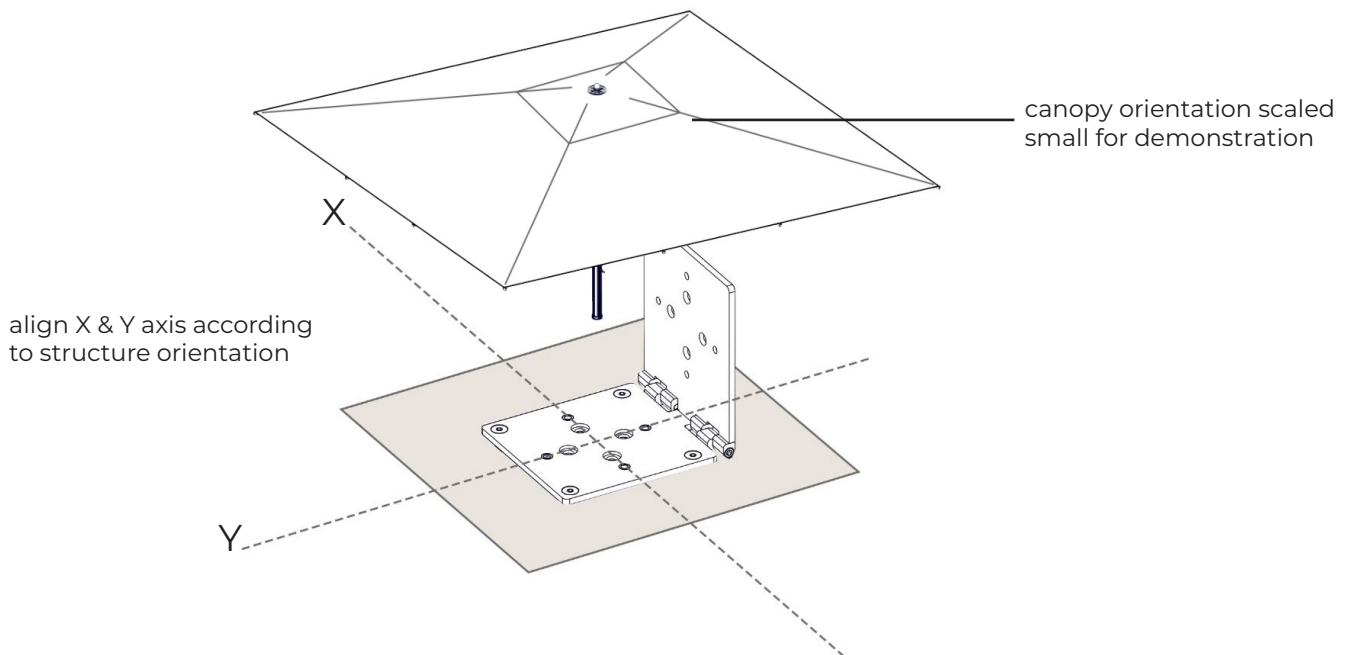
MINIMUM FOOTING: 22 cubic feet

MINIMUM DISTANCE TO CONCRETE EDGE: 12"

REQUIRE TOOLS: Allen Keys 3/8" & 5/16", Wrench Socket 3/4"

Step 1.

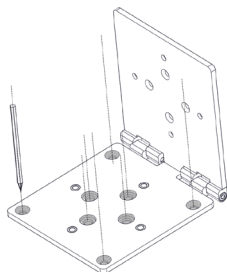
Determine the location of the hinge base.



MEGA MAX INGROUND HINGE BASE

Step 2.

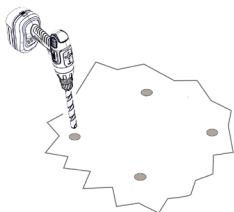
Using the hinge plate as a template mark the outside corner and inner 4 holes pattern.



Step 3.

Drill the 4 outside holes. Use correct drill according anchor manufacture guidelines.

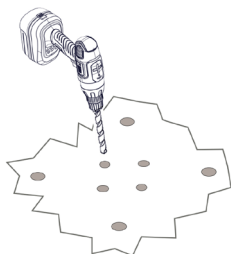
Note: to guarantee full holding capacity do not ream the hole or allow the hammer drill to wobble.



Step 4.

Drill 4 inner holes using a 1" drill at a depth of 2".

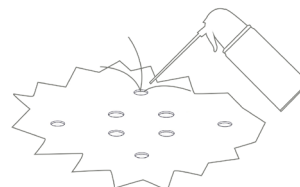
Note: to guarantee full holding capacity do not ream the hole or allow the hammer drill to wobble.



Step 5.

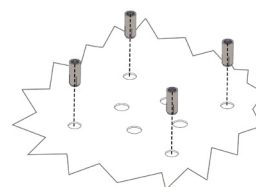
Clean the holes using dry compressed air and a clean wire brush.

Note: dust and debris left in holes will significantly reduce the holding capacity of the anchors.



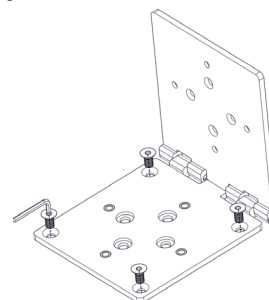
Step 6.

Install chemical anchors or drop-in anchors according to manufacturers guidelines.



Step 7.

After anchors have cured, fasten base with provided 5/8-11 hardware - use loctite Make sure to tighten all 4X bolts securely.



INSTALL THE BASE STEM TO THE HINGE BASE USING THE HARDWARE INSIDE THE HARDWARE BOX.

