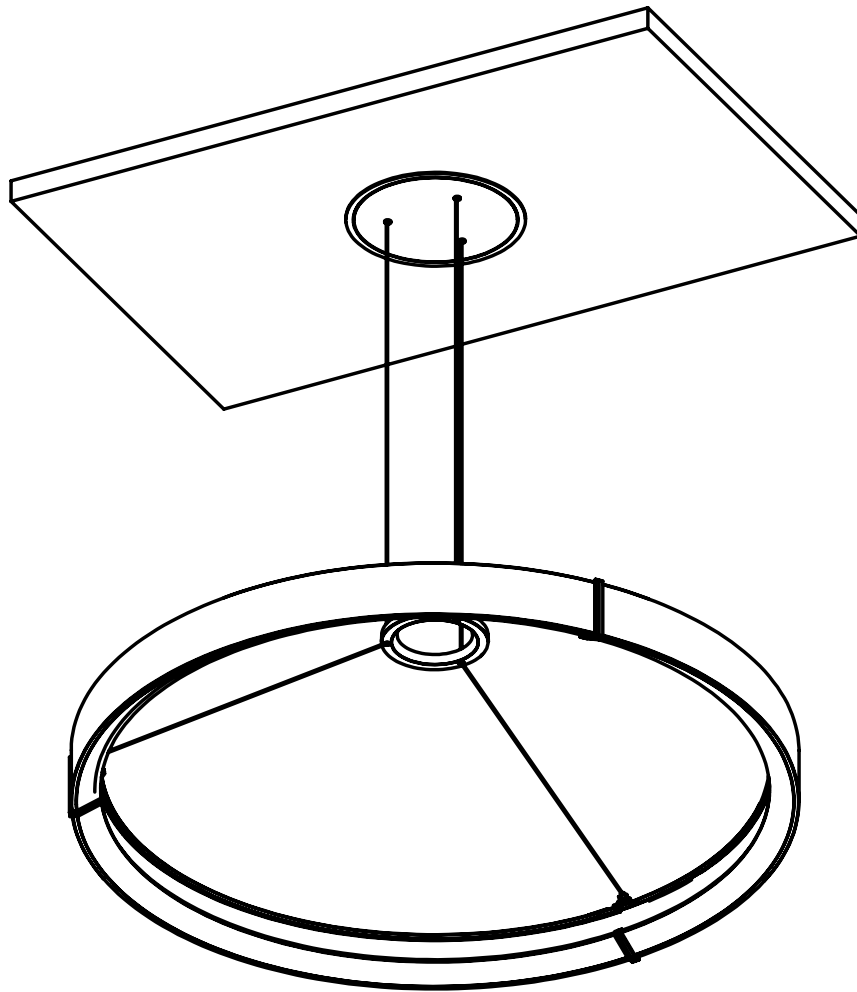


Inde-Pendants Family

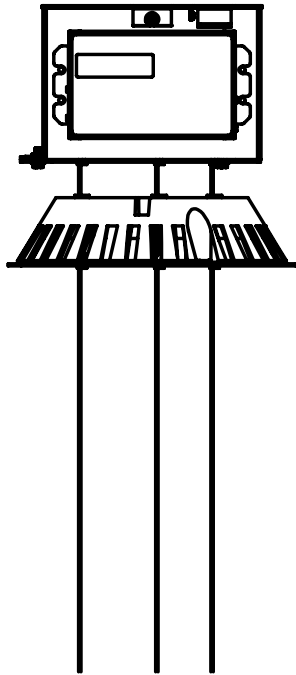
32L Ring

Plaster Trim, Grid and Drywall Ceiling Types

Installation instructions for
32L-Rxx-P

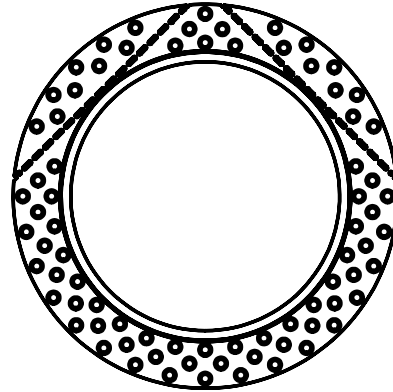


Supplied by Litecontrol



J-box/Cable Kit Assembly
with mounting hardware
SCALE 1 : 5

3
2
1



Trim Ring
(Plaster Trim Applications Only)
SCALE 1 : 5



Ring Collar
with hardware
SCALE 1 : 5



Ring (fixture)
(30" Ring shown)
SCALE 1 : 5

Supplied by Contractor

- 1/4-20 Threaded rod with mounting hardware
- Ceiling tile (T-Grid)
- Romex connectors or alternative hardware for 7/8" knockouts
- Feed cord
- Wire nuts
- Joint Compound, drywall screws and paint to match ceiling (Plaster Trim applications only)

Tools Required

- Wire cutters/strippers
- Tape Measure
- Marker
- Felco-type cable cutters
- 1/4" Socket with wrench or flat-head screwdriver
- Level
- Small phillips-head screwdriver
- Joint knife and paint roller (Plaster Trim applications only)

Ceiling Cut Stencil (not for use with Trim Ring)



To Use Stencil:

1. If using a square tile, draw two lines on the back of the tile from corner to corner so that they intersect at the exact center of the tile to make an "X"
2. Using a pen, screwdriver, etc. punch a small hole through the tile in the center of the "X"
3. Using a pen, screwdriver, etc. punch a small hole through the black dot in the center of the stencil
4. Flip the tile over so that the front face (that will be visible after installation) is face-up
5. Lay the stencil perfectly flat on the tile so that the hole in the stencil is perfectly centered over the hole that was punched in the tile in Step 2 and secure the stencil in place with tape
6. Using a jig-saw, cut the hole in the tile by tracing the stencil **on the black line**
7. Discard stencil after one use

Ceiling Cut Stencil (for use with Trim Ring)

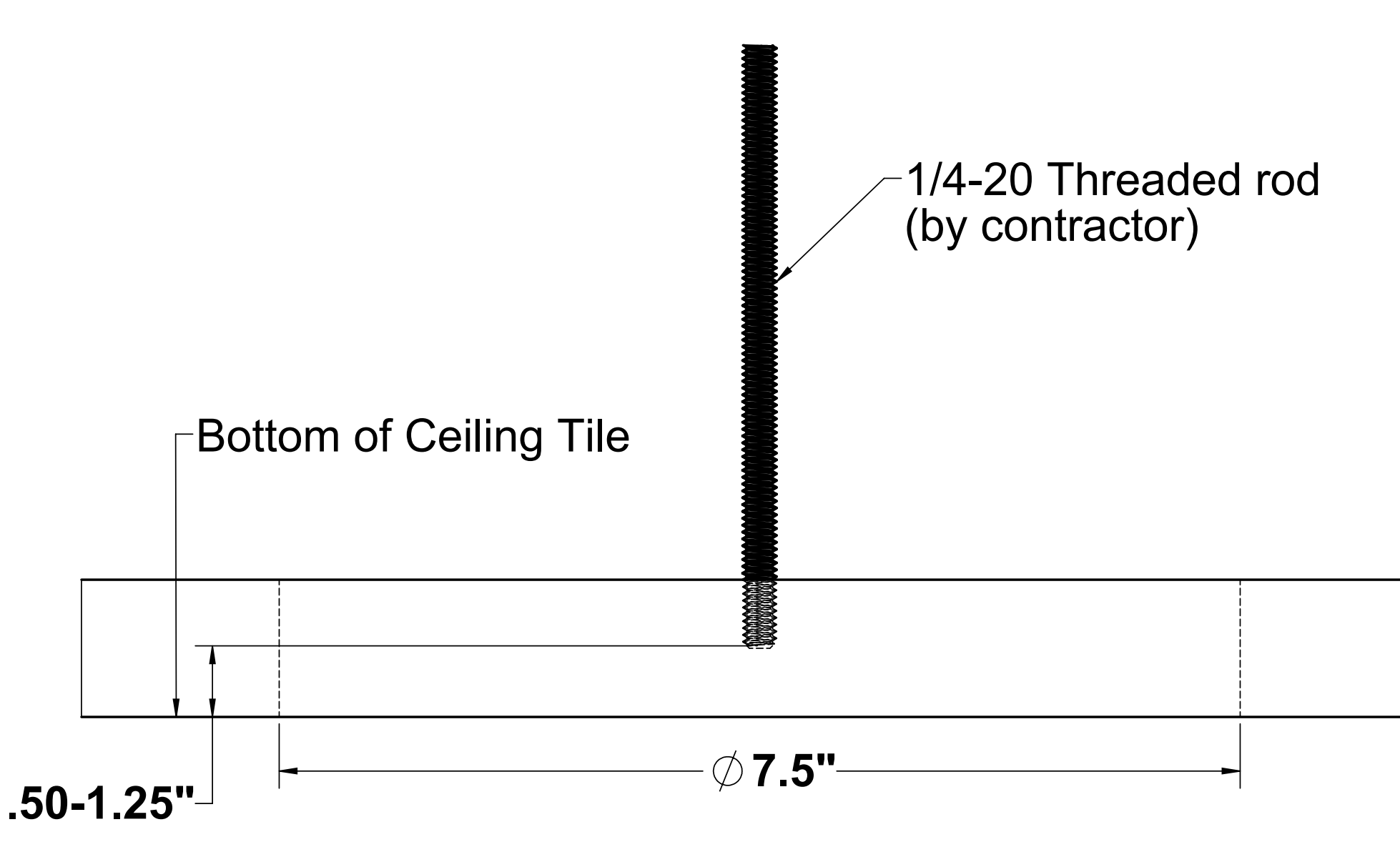
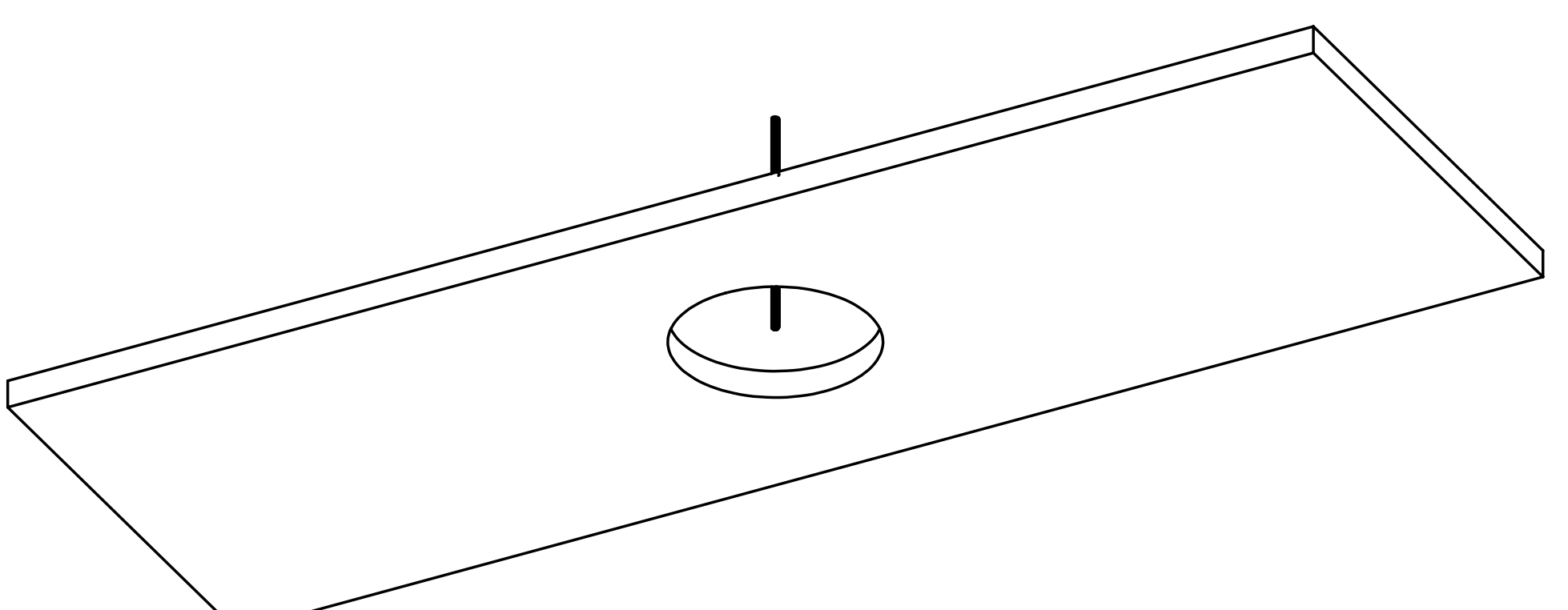


PLASTER CEILINGS

To Use Stencil:

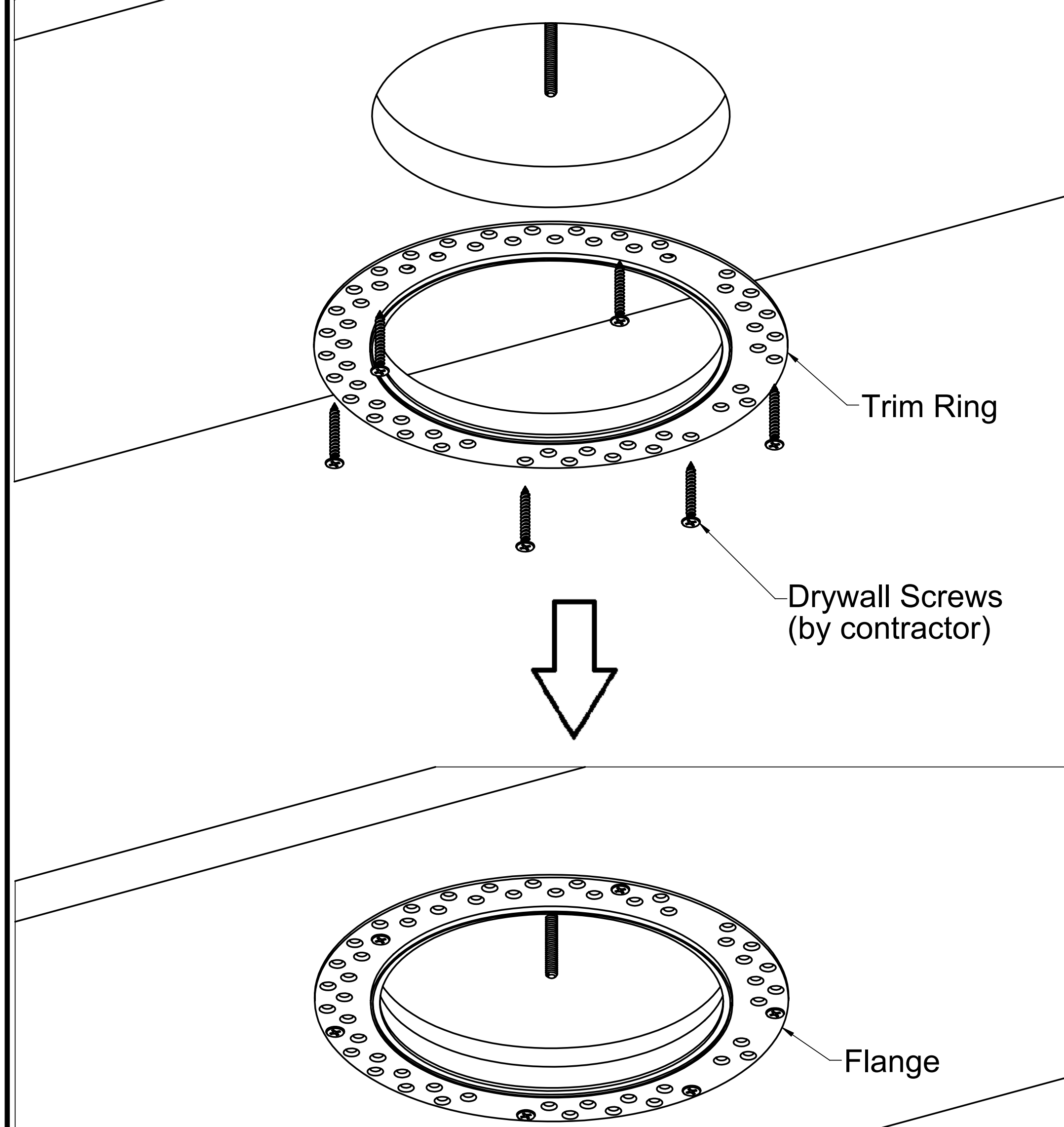
1. If using a square tile, draw two lines on the back of the tile from corner to corner so that they intersect at the exact center of the tile to make an "X"
2. Using a pen, screwdriver, etc. punch a small hole through the tile in the center of the "X"
3. Using a pen, screwdriver, etc. punch a small hole through the black dot in the center of the stencil
4. Flip the tile over so that the front face (that will be visible after installation) is face-up
5. Lay the stencil perfectly flat on the tile so that the hole in the stencil is perfectly centered over the hole that was punched in the tile in Step 2 and secure the stencil in place with tape
6. Using a jig-saw, cut the hole in the tile by tracing the stencil on the black line
7. Discard stencil after one use

1



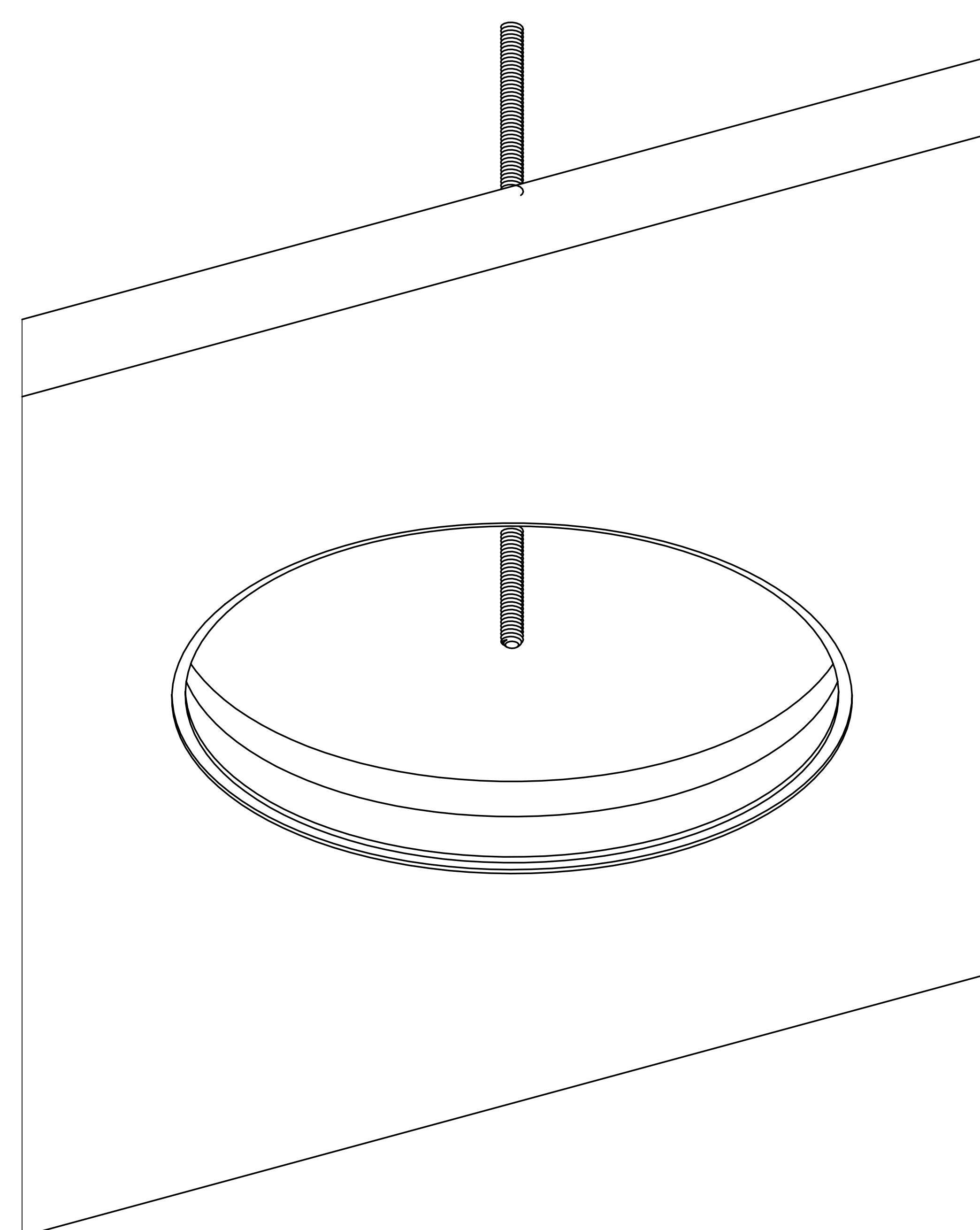
IF NOT USING TRIM RING, CONTINUE TO STEP 1 ON PAGE 6.
 1. Using stencil on page 4, cut a 7.5" diameter hole in the ceiling (ceiling thickness cannot exceed 3")
 2. Suspend a 1/4-20 threaded rod per code at the support location so that it ends .5" to 1.25" above the visible ceiling face (bottom of ceiling tile), centered above the hole.

2



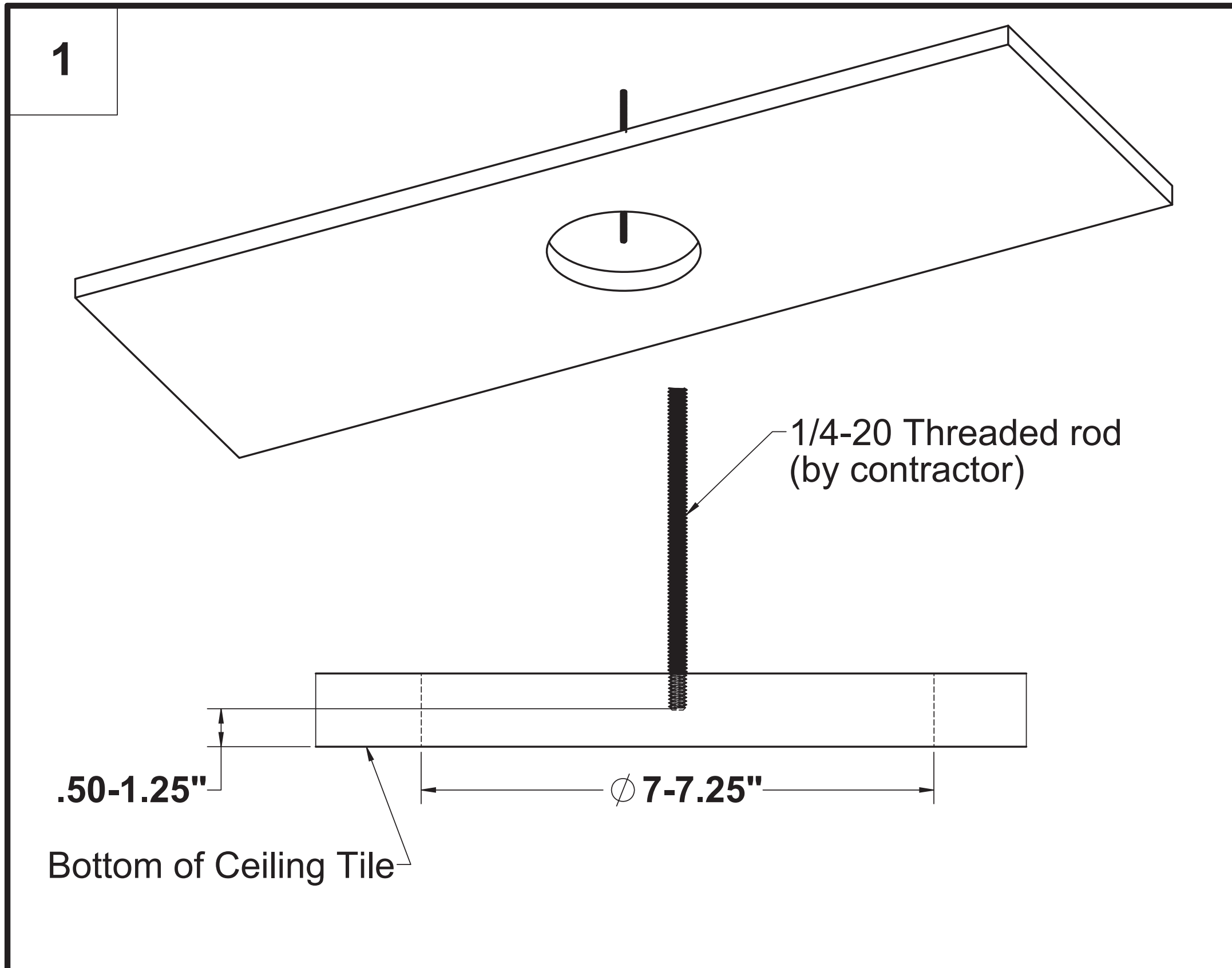
1. Install **Trim Ring** in ceiling hole as shown.
 2. Secure firmly against ceiling with **drywall screws** provided by contractor (at least 6 recommended)

3

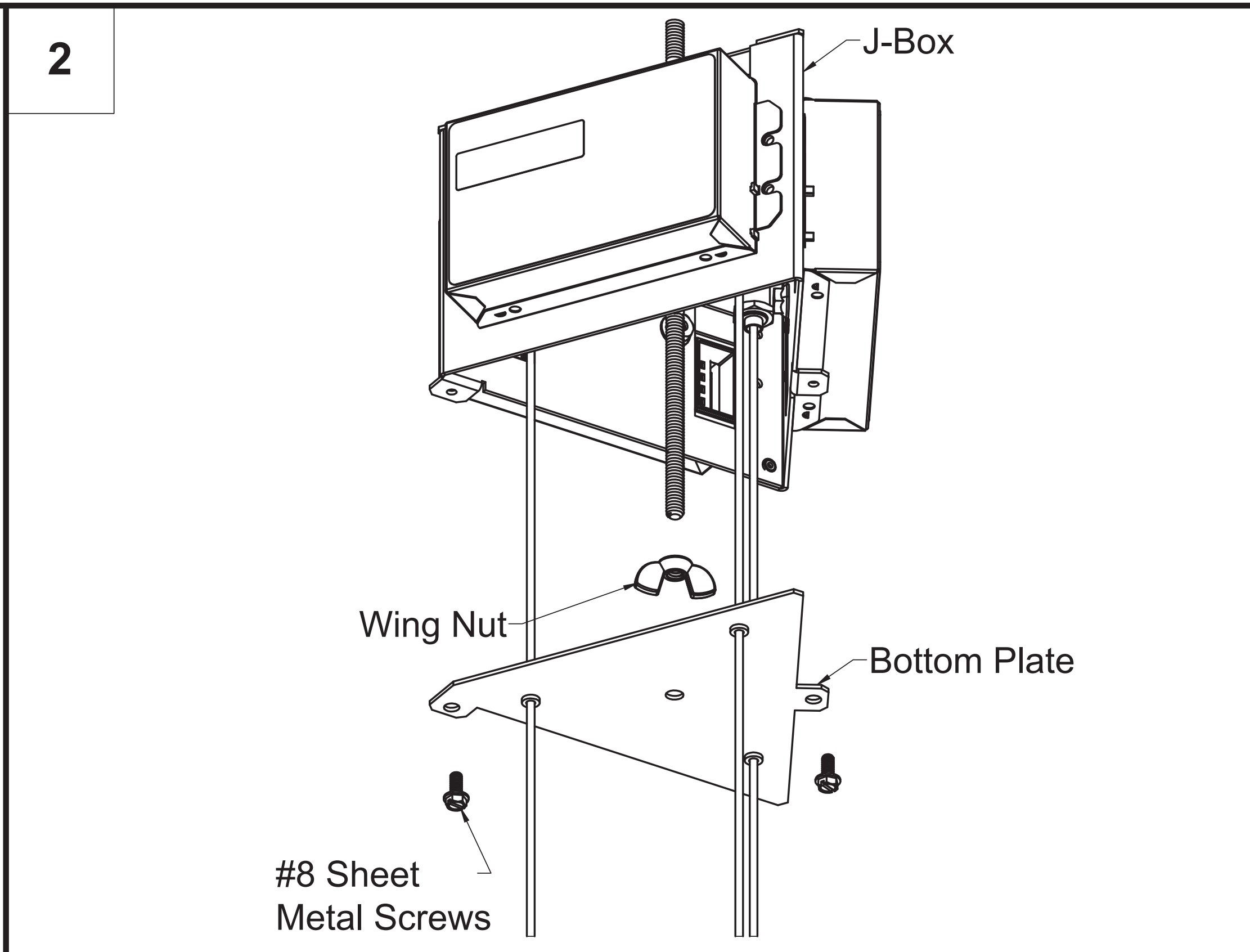


1. Plaster over the **Flange** of the **Trim Ring** and the **Drywall Screws** until they are no longer visible and the ceiling appears to be completely smooth (2-3 coats recommended).
 2. Sand down any excess plaster
 3. Paint over newly-plastered area of ceiling so that the plastered area blends in with the ceiling.
 4. Continue to **Step 2 on page 6.**

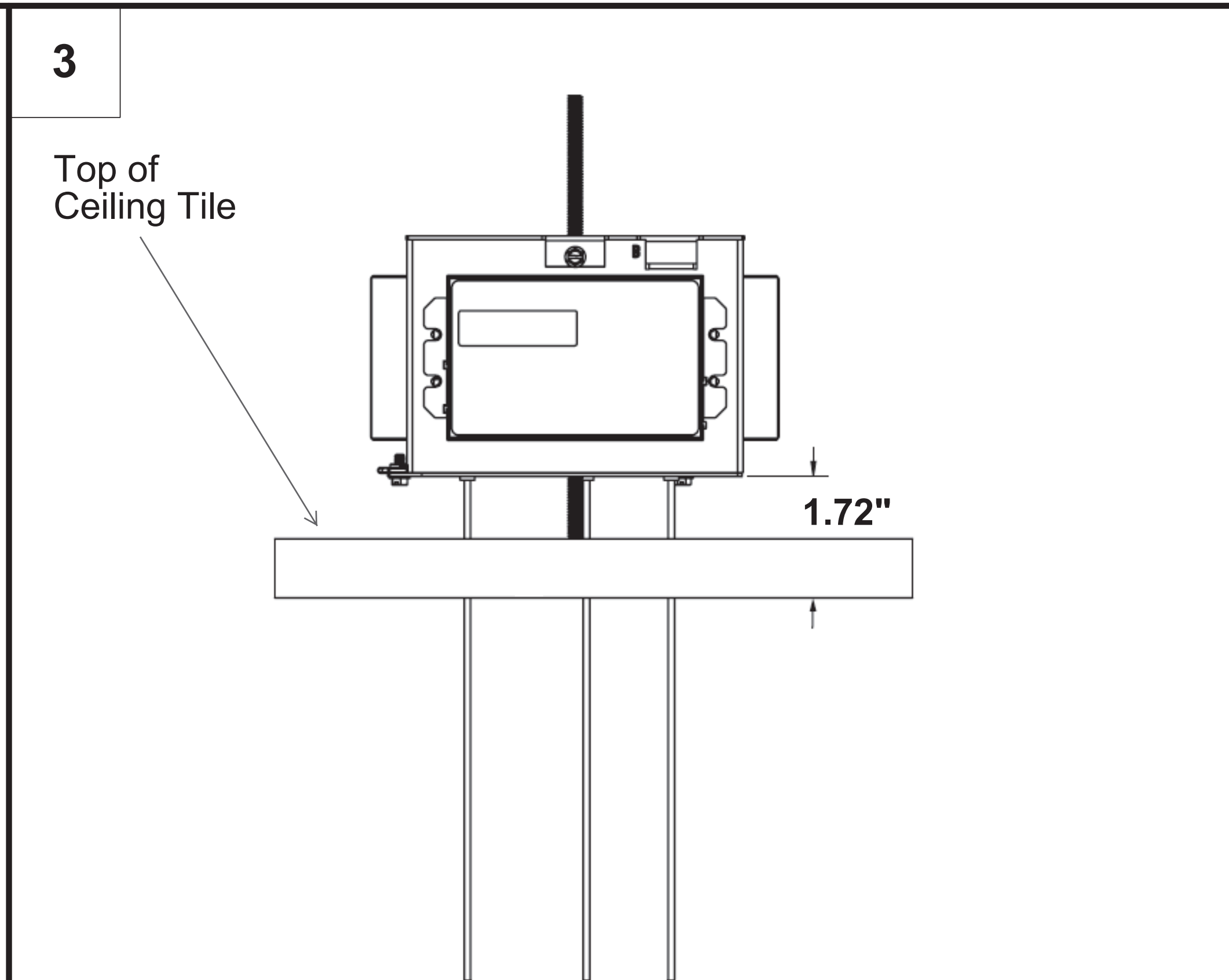
J-box Installation



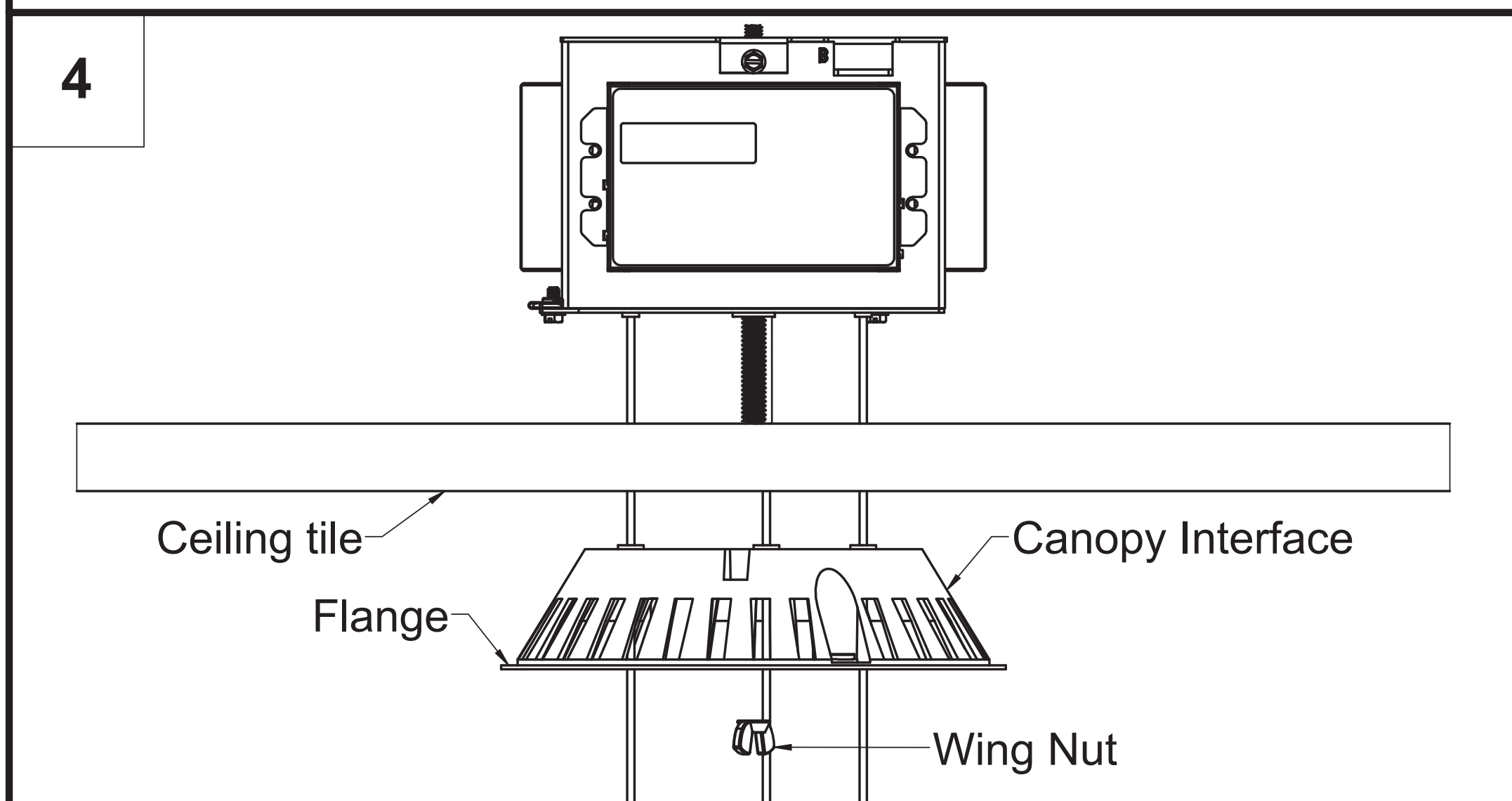
1. Using stencil on page 3, cut a 7" diameter hole in the ceiling tile (ceiling thickness cannot exceed 3")
2. Suspend a 1/4-20 threaded rod per code at the support location so that it ends .5" to 1.25" above the visible ceiling face (bottom of ceiling tile), centered above the hole.



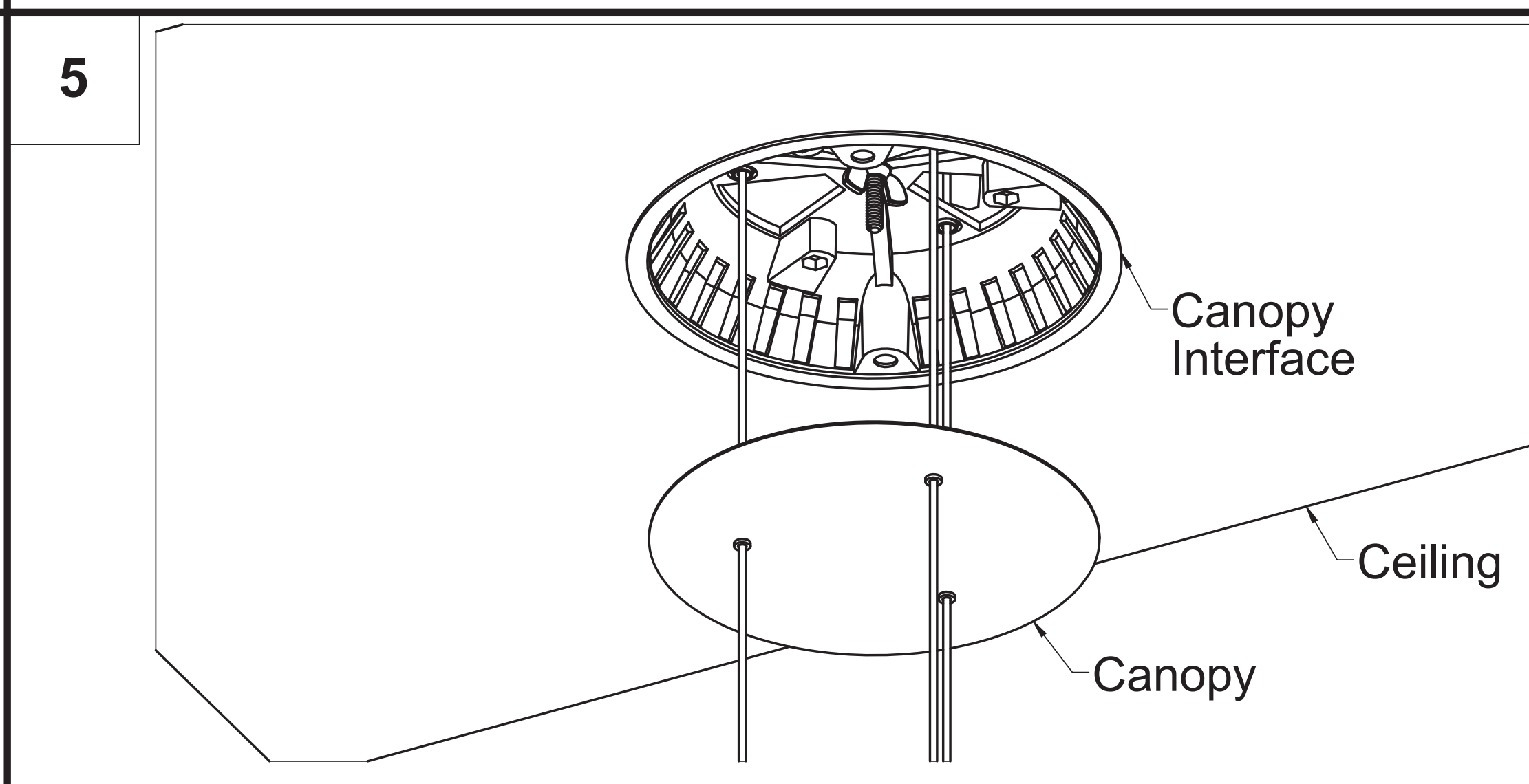
1. Remove the **bottom plate** of the J-box
2. Remove knockouts from **J-box top** as needed
3. Lift the **J-box** up while sliding the threaded rod through the center hole in the top of the J-box so that there is about 1.72" distance between the bottom of the J-box and the bottom of the ceiling tile (see next step)
4. Secure the J-box in place with a **1/4-20 wing nut**
5. Install electrical feed cord and make all wiring connections (see attached wiring diagrams). **Power supply circuit enters the J-box through the 7/8" knockouts on the J-box top.**
6. Re-install the bottom plate using the two **#8 screws**.



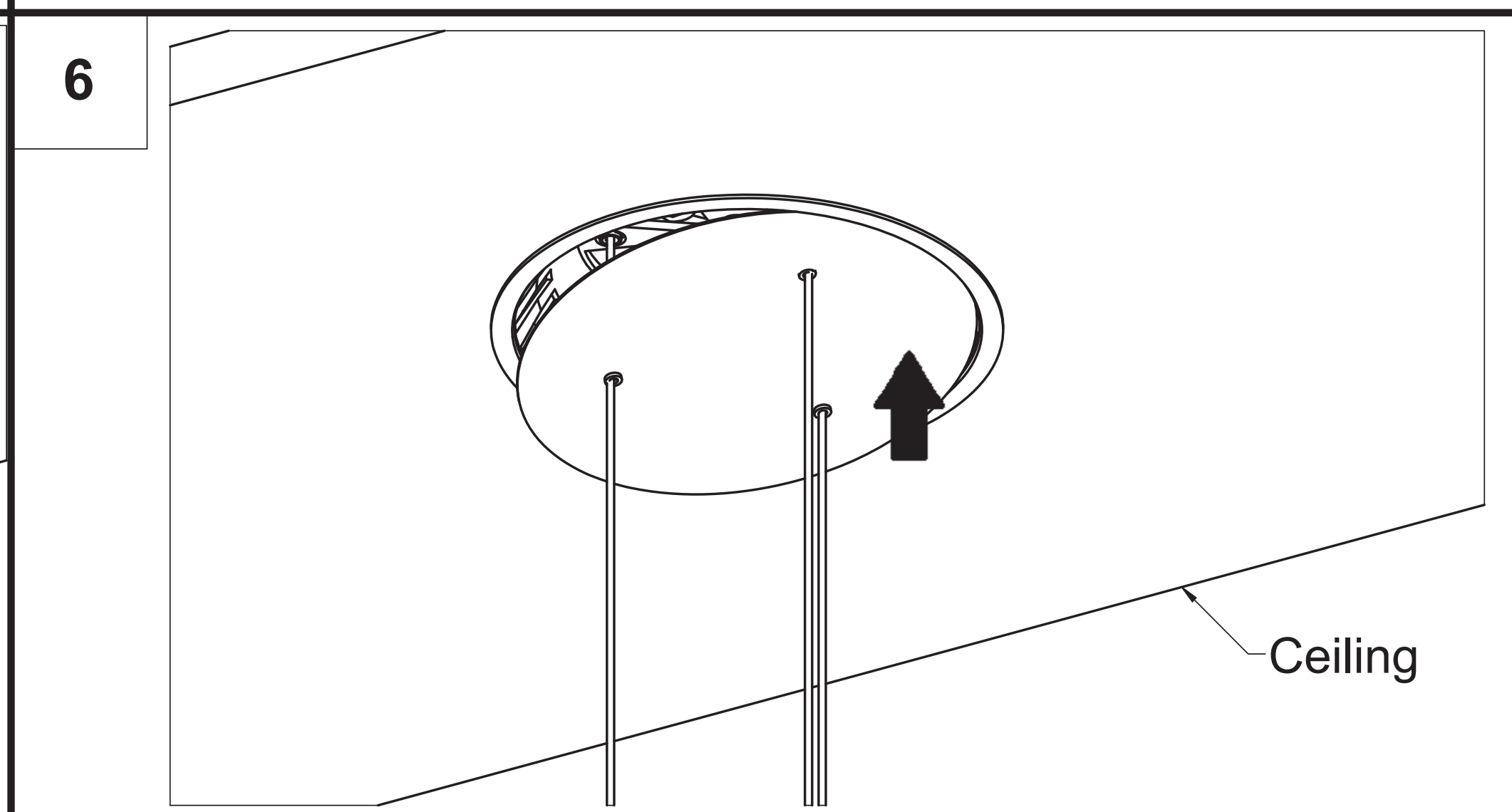
1. Thread the **wing nut** up so that the J-box is up higher on the threaded rod, so that there is now 1.72" distance between the J-box bottom and the bottom of the ceiling tile.



1. Lift the **canopy interface** up and slide the threaded rod through the center hole in the top
 2. Secure with a **wing nut** until the **flange** of the canopy interface is flush with the bottom of the ceiling tile.
- Note: Do not over-tighten the wing nut.**

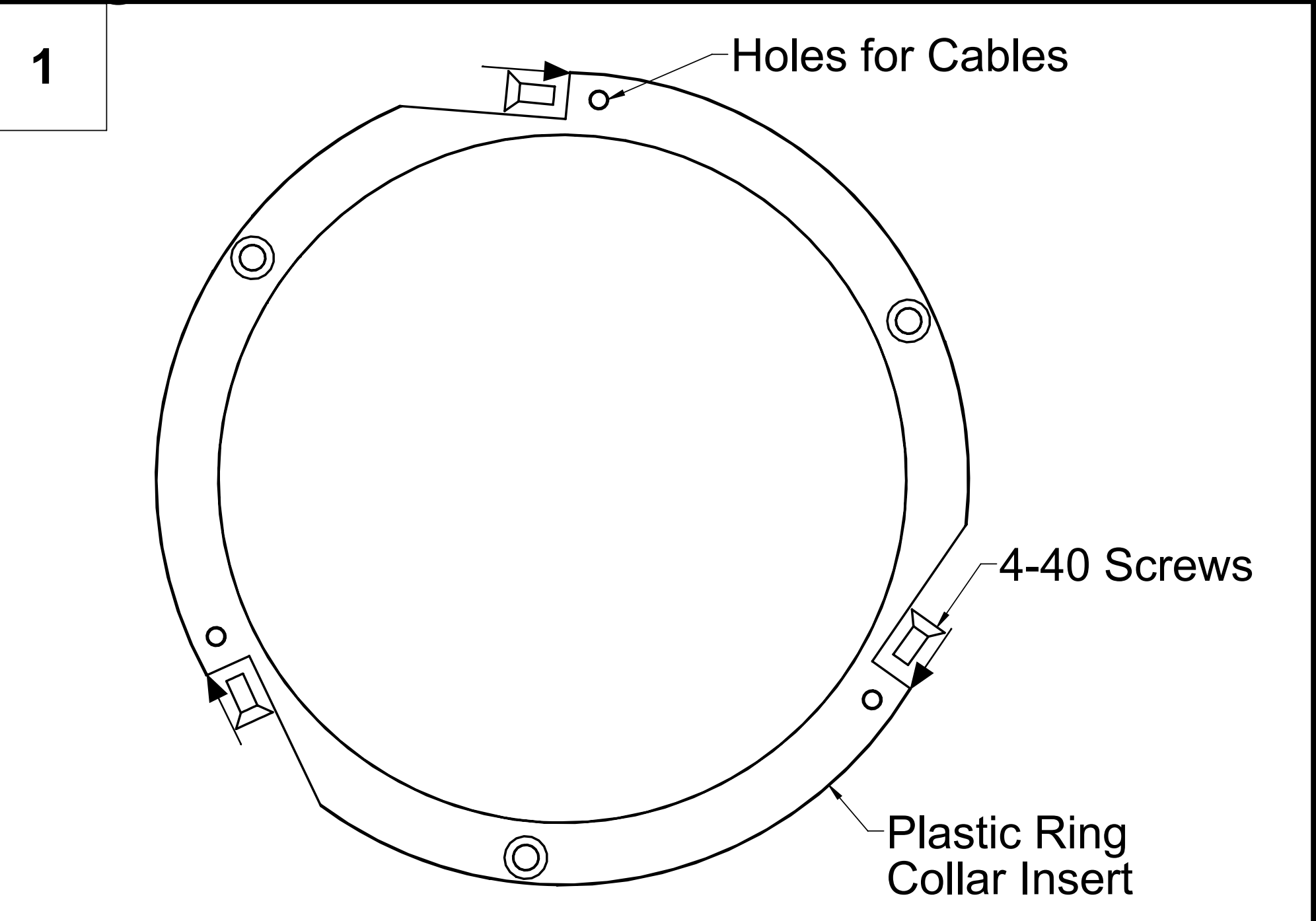


1. Push the **canopy** up to the ceiling
 2. Adjust the canopy so that it's centered against the **canopy interface**.
- Note: The canopy secures to the interface with pre-installed magnets. Refer to fixture installation instructions for fixture attachment with the cables.

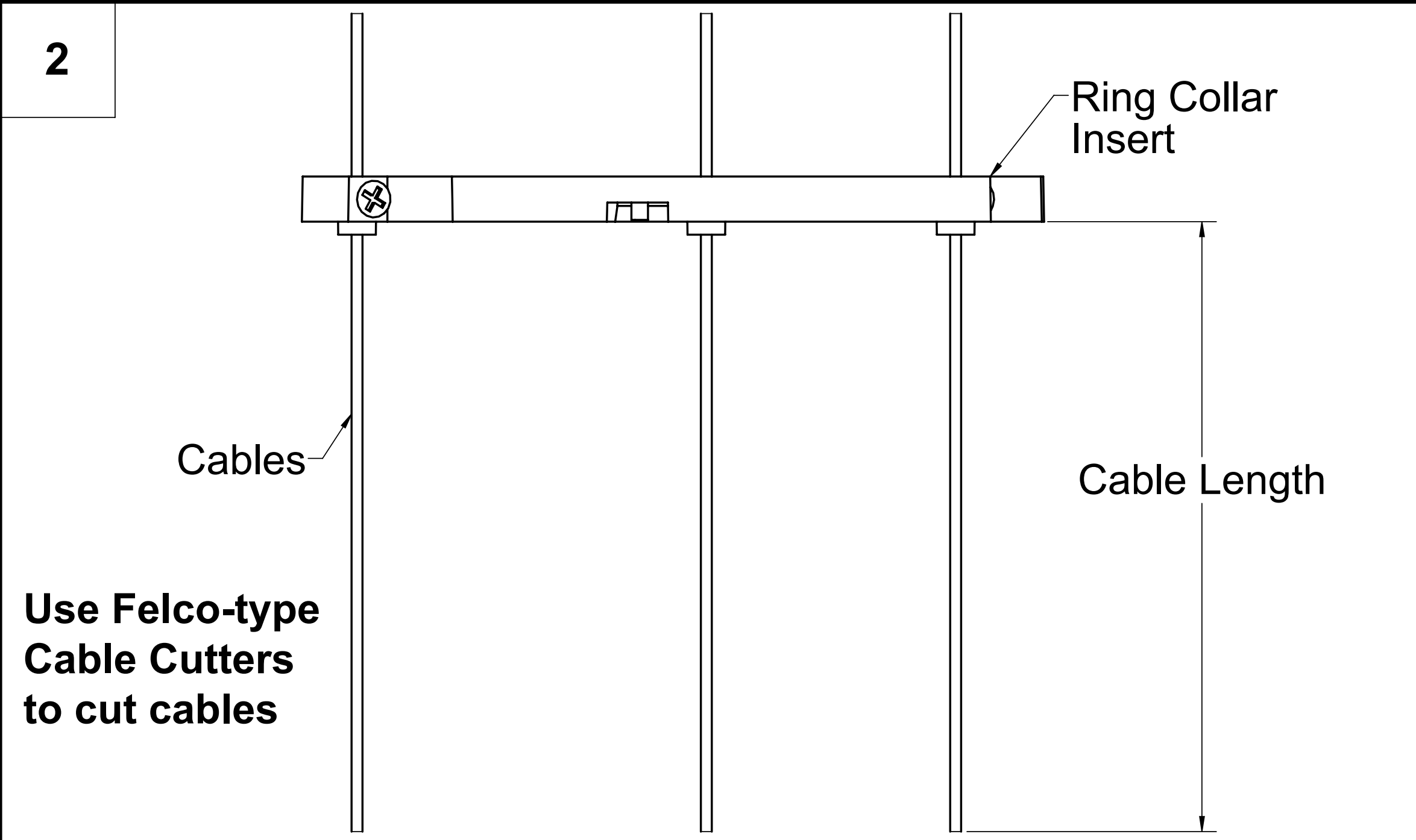


For removal of the canopy, press against the surface to displace it and then pull it away from the magnets. Reverse these instructions to uninstall the J-box.

Completed J-box installation should match **Figure 1** on page 10.

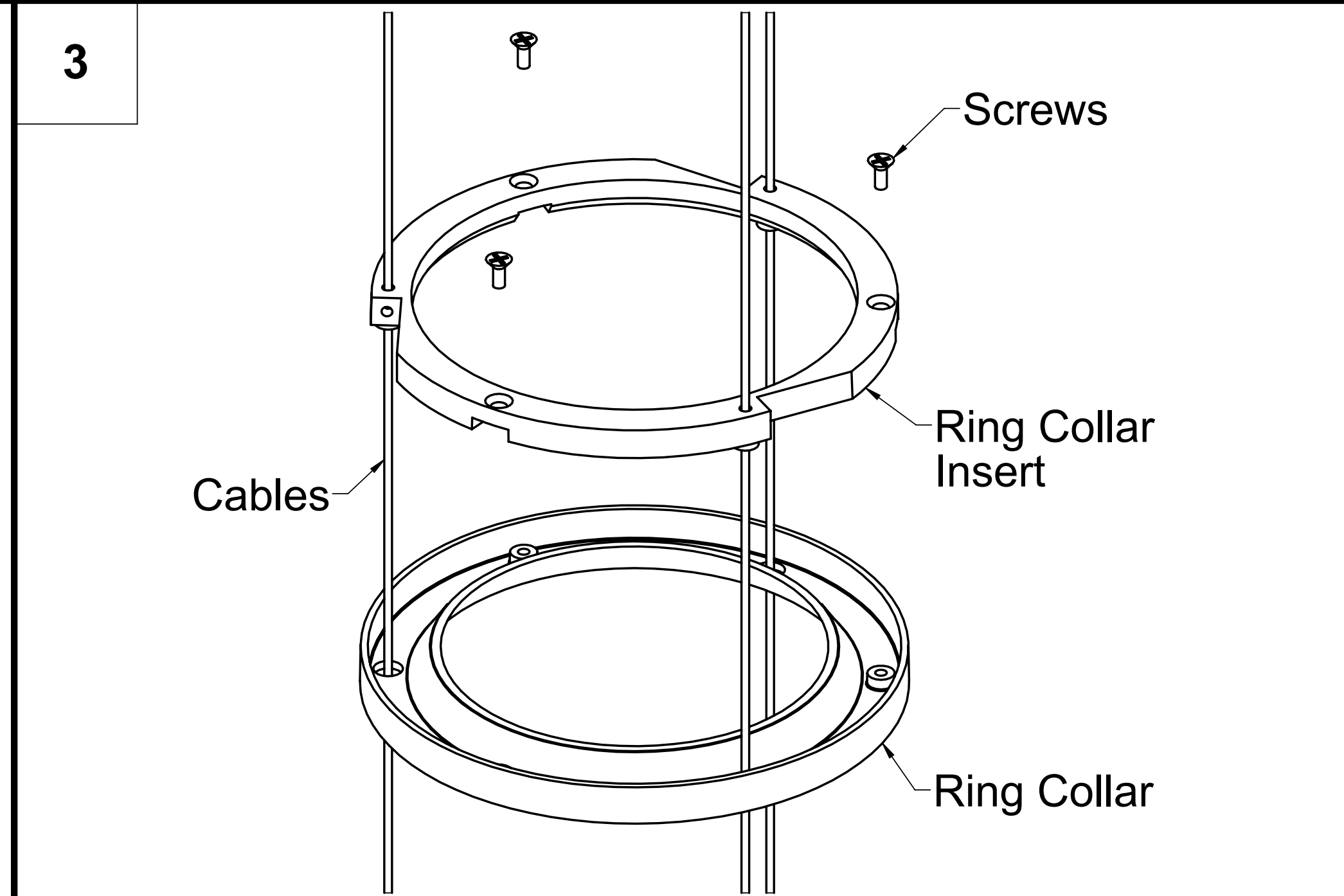


1. Install the 4-40 screws in the **Ring Collar Insert** as shown, using the Allen wrench provided. **Do not completely tighten the 4-40 screws.**

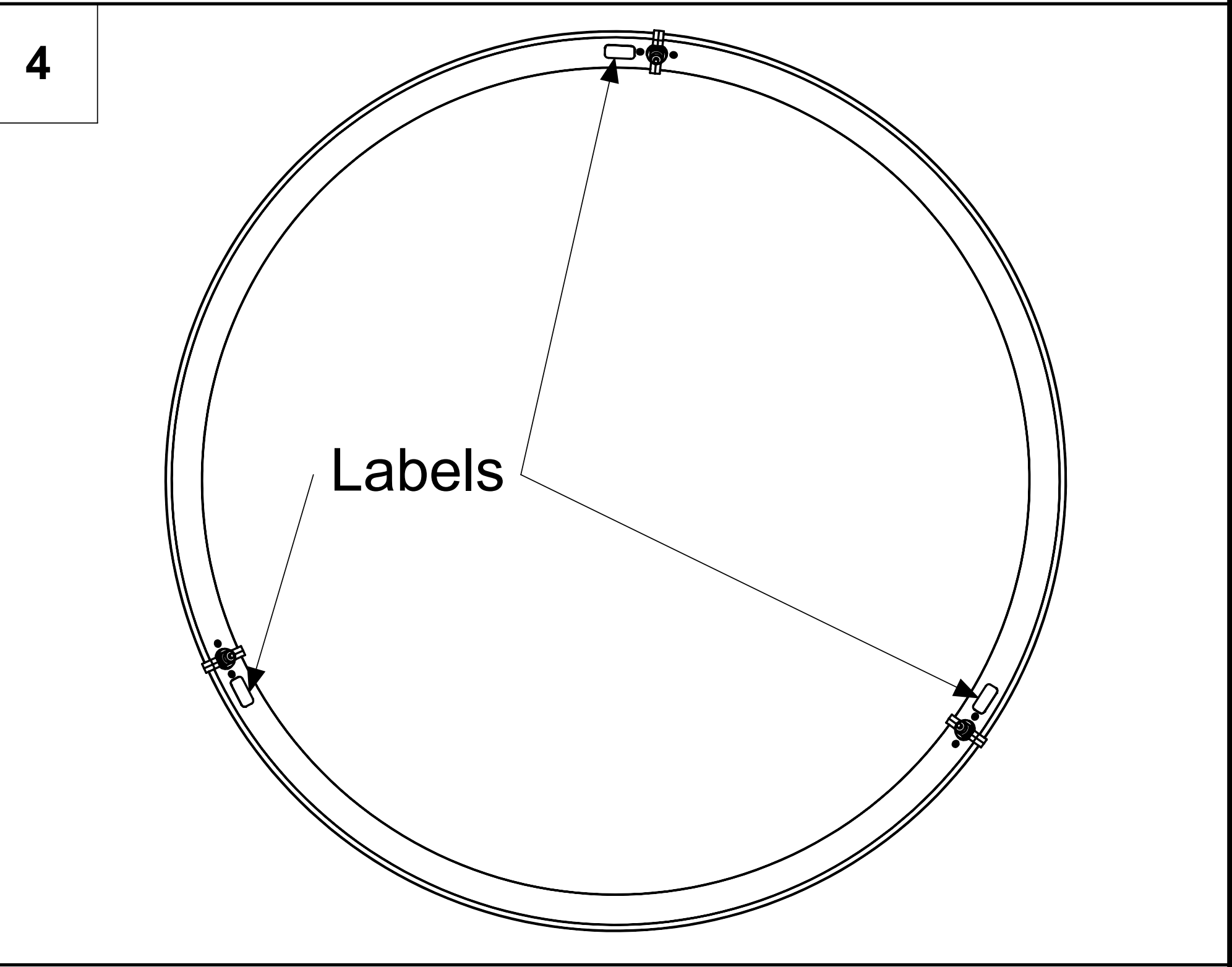


Use Felco-type Cable Cutters to cut cables

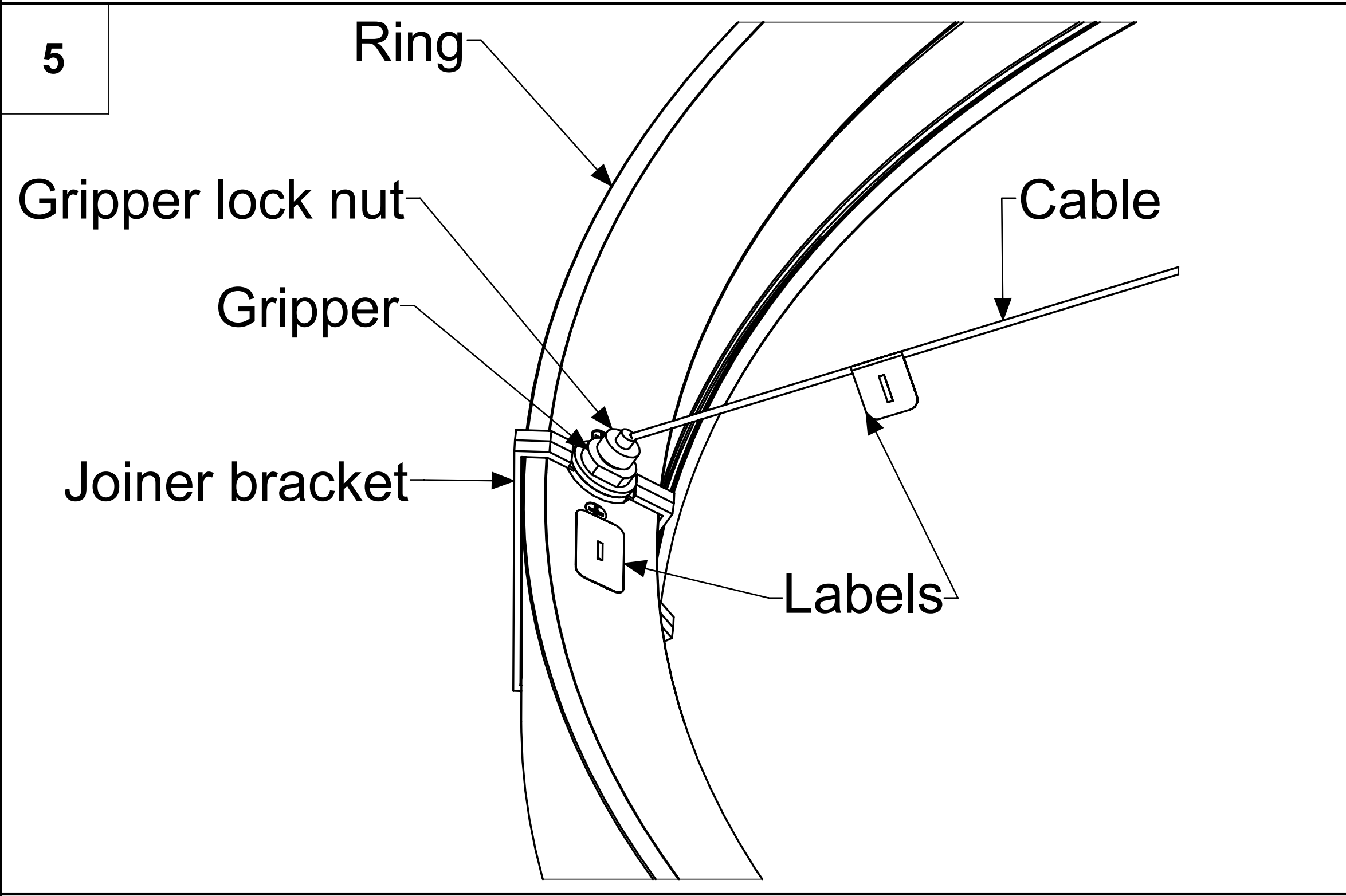
1. Bring the three cables through the indicated holes, level and adjust the **Ring Collar Insert** to the desired height from the ceiling (see Figure 2 for final Ring Collar position with relation to the Ring) and tighten down the set screws once the Ring Collar Insert is in its final position.
2. Measure from the bottom of the Ring Collar Insert down and cut the cables to the desired length using **FELCO-Type Cable Cutters**. **This will determine the distance between the Ring Collar and the Ring.** Recommended Cable Length: 9 3/8" for 20" Ring, 14 5/8" for 30" Ring, 20" for 40" Ring.



1. Install the **Ring Collar** on the **Ring Collar Insert** by bringing the cables through the holes in the Ring Collar and sliding the Ring Collar up the cables until the Ring Collar Insert fits completely inside the Ring Collar.
2. Secure the Ring Collar in place with the three remaining **screws**. The Ring Collar is now fully installed.



1. Align the **cables** coming from the Light Engine with the **grippers** in the ring using their respective markings (+ or positive, - or negative and \emptyset or unpowered).



1. **Insert cables** into **grippers** as far as they can go by first loosening the lock nut and inserting the cable fully. You will hear audible "clicks" which indicate that the cable is correctly inserted into the gripper.
2. If finer leveling is required, remove cable from gripper, trim as necessary (up to 0.5") and reinstall into gripper.
3. Tighten the **lock nut** and remove the **labels** on the ring and the cables.

Completed fixture installation should match **Figure 2** on page 8.

Figure 1
Completed J-box installation

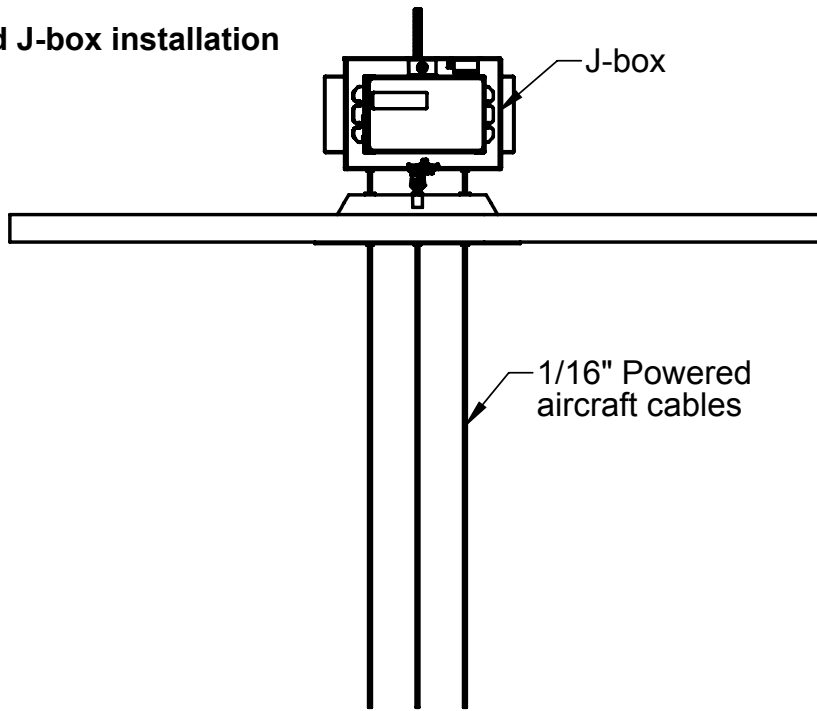
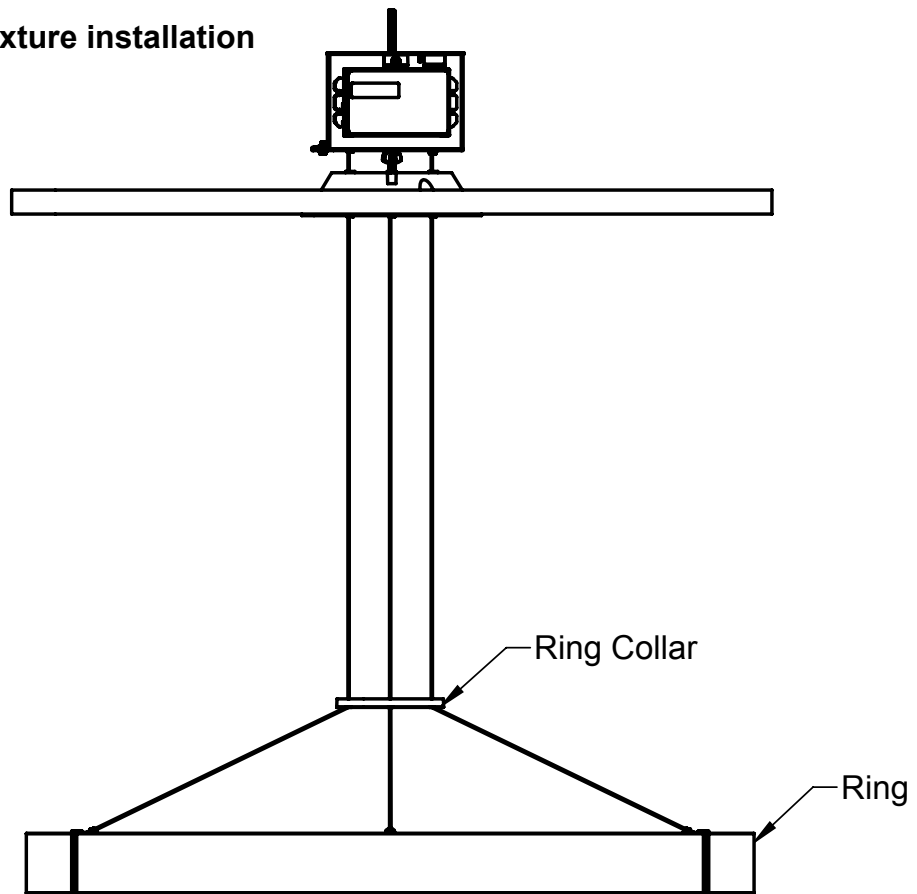
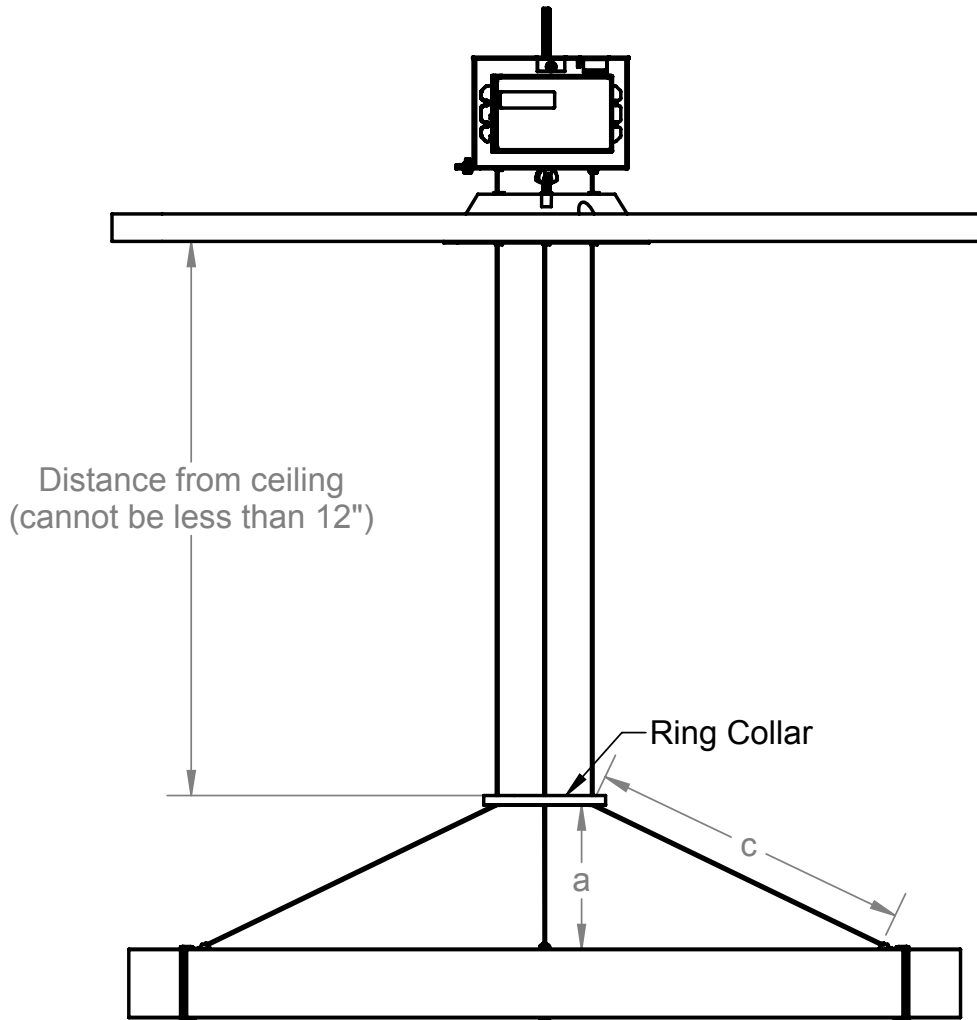


Figure 2
Completed fixture installation





Cable Length Information

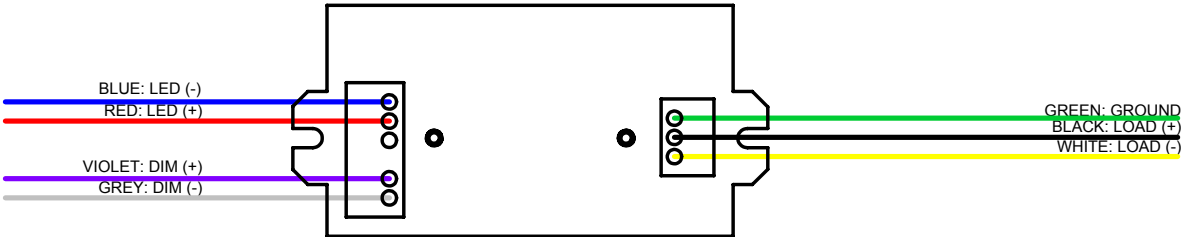
"c" is the cut length from below the Ring Collar

Recommended Cable Lengths		
Ring Size	a	c
20"	3 1/2"	9 3/8"
30"	5 1/4"	14 5/8"
40"	7"	20"

WIRING DIAGRAM

APPLICABLE FIXTURE TYPES:

- 32L-Rxx-P



Ring Label Positioning

If fixture is damaged or additional assistance is needed, call the number on the label to speak with a Litecontrol representative

**CONTACT LITECONTROL
FOR REPLACEMENT PARTS
781-294-0100**

MODEL: 32L
DATE: ___/___/___
CCT: _____

LMA

C US
159392

