Bluster
Architectural Drawing
Kerry Veenstra

42"x 1"
Single Head
Tent Stake
Celina Tent
ACTS4211
(Quantity 4)

3'-6"

Grade 8
$\frac{1}{2}$**"-13 Bolts**
(Quantity 6)

Custom
Hinged
Base
$\frac{1}{4}$**" Steel**

3"

1'-6"   1'-6"

1'-9"   1'-9"

3"

Bearing
Plate
$\frac{1}{4}$**" Steel**

3'-8"   3'-8"

1'-6"   1'-6"

3"

1'-4"   1'-4"

4'   4'

Grade 8
$\frac{1}{2}$**"-13 Nuts**
(Quantity 6)
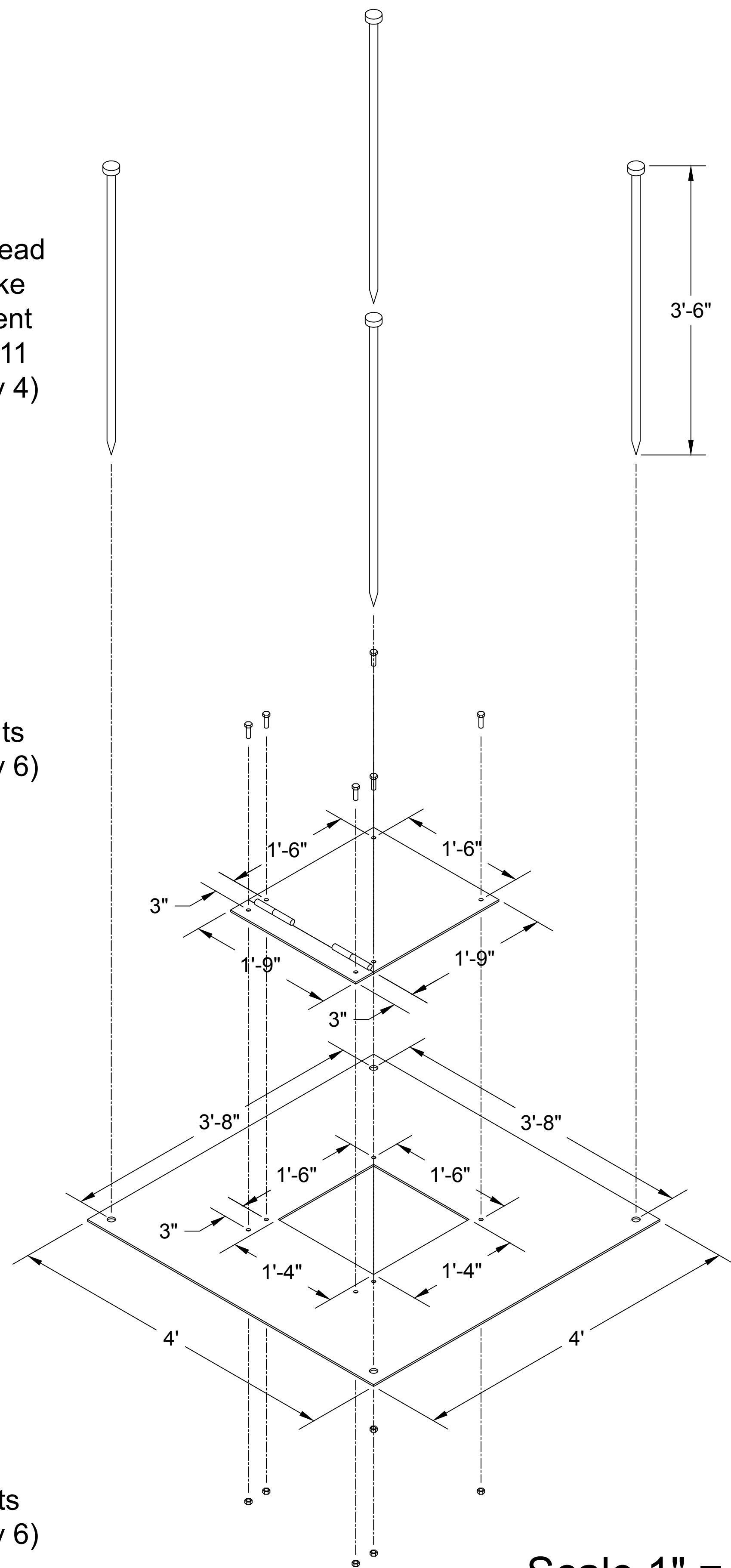
Scale 1" = 1'
Bearing Plate & Hinged Base

Anemometer
Rotor Atop
Lamppost Globe

1'-9"

1'-1$\frac{11}{16}$"

Commercial
Lamppost

12'-11$\frac{1}{2}$"

Custom
Anemometer
Display

6$\frac{1}{4}$"
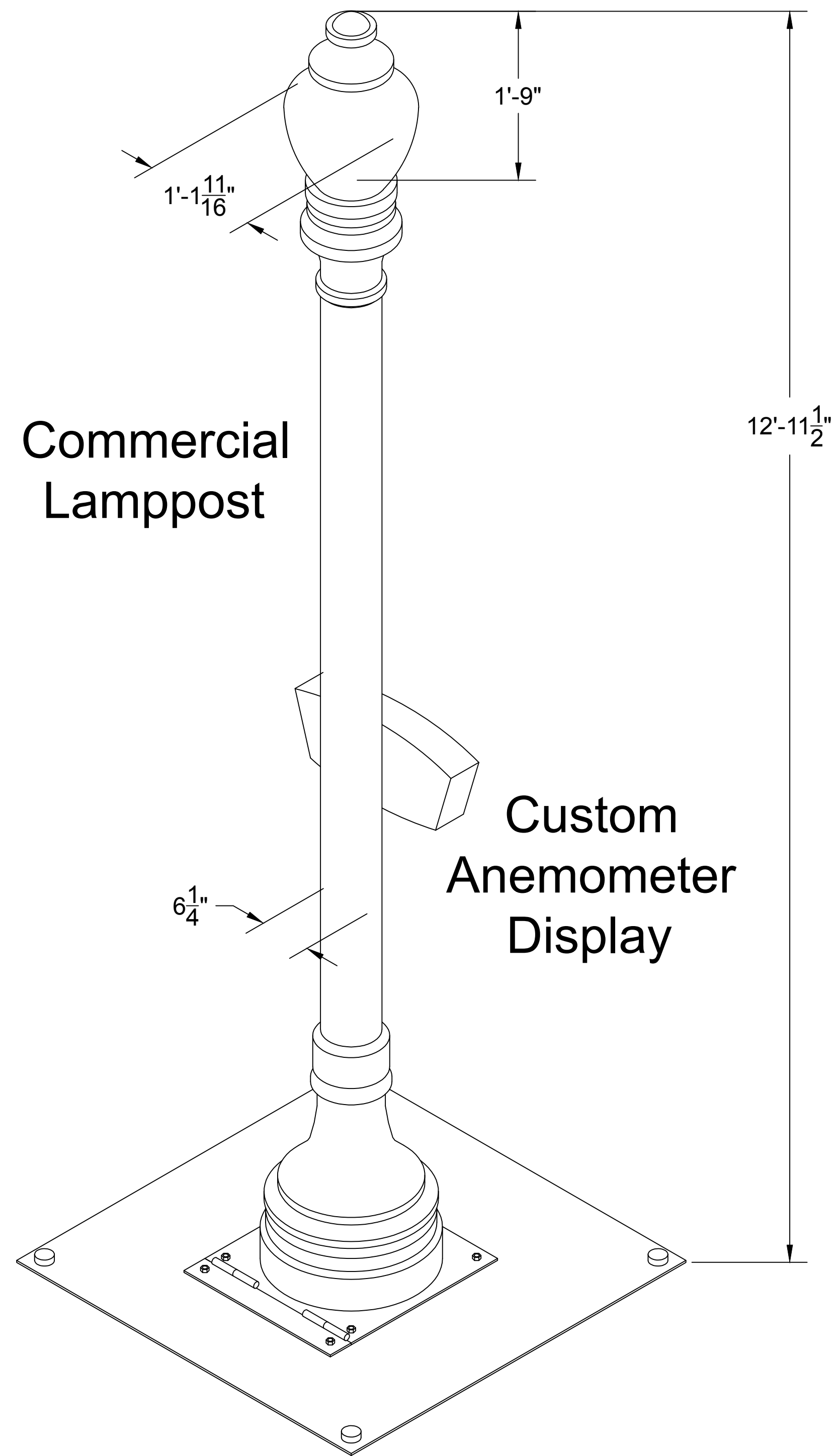
Scale 1" = 1'
Full Assembly

1'-10$\frac{3}{8}$"

0   10   20   30   40

80   70   60   50   40

MPH / Peak

18,888,888

Feet of Air

10$\frac{7}{16}$"

Scale 6" = 1'
Custom Anemometer Display

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Installation Plan
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Step 1 diagram labels:

Grade-8 bolts (2 locations)

42" frame-tent stakes (4 locations)

Bearing plate

Hinged base

Step 2 diagram labels:

Lamppost globe with anemometer

Lamppost

Anemometer display

Access door for bolting lamppost to hinged base and for battery access

Hinged base

Grade-8 nuts and bolts (4 locations)

Step 3 diagram labels:

Grade-8 bolts (4 locations)
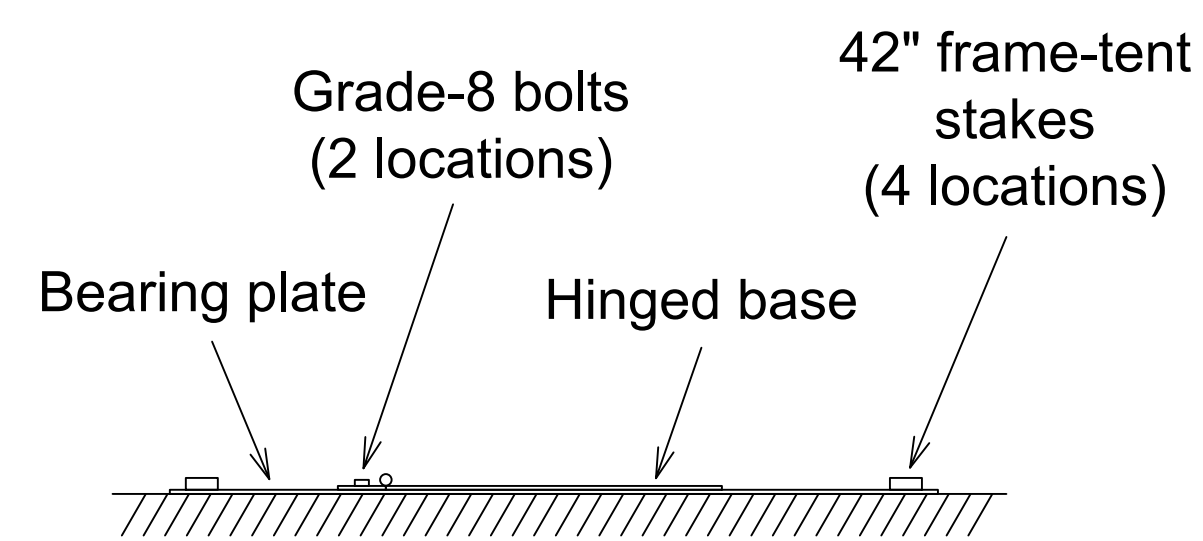
Step 1: Install the Bearing Plate

Orient the 4-foot-by-4-foot bearing plate on the playa. Affix the bearing plate to the playa with four 42"-by-1" frame-tent stakes (demolition hammer with stake-driver bit, Celina Tent ACBLSDB01). Bolt the hinged base to the bearing plate with two Grade 8 bolts. (The bearing plate has matching captive nuts to ease installation.)
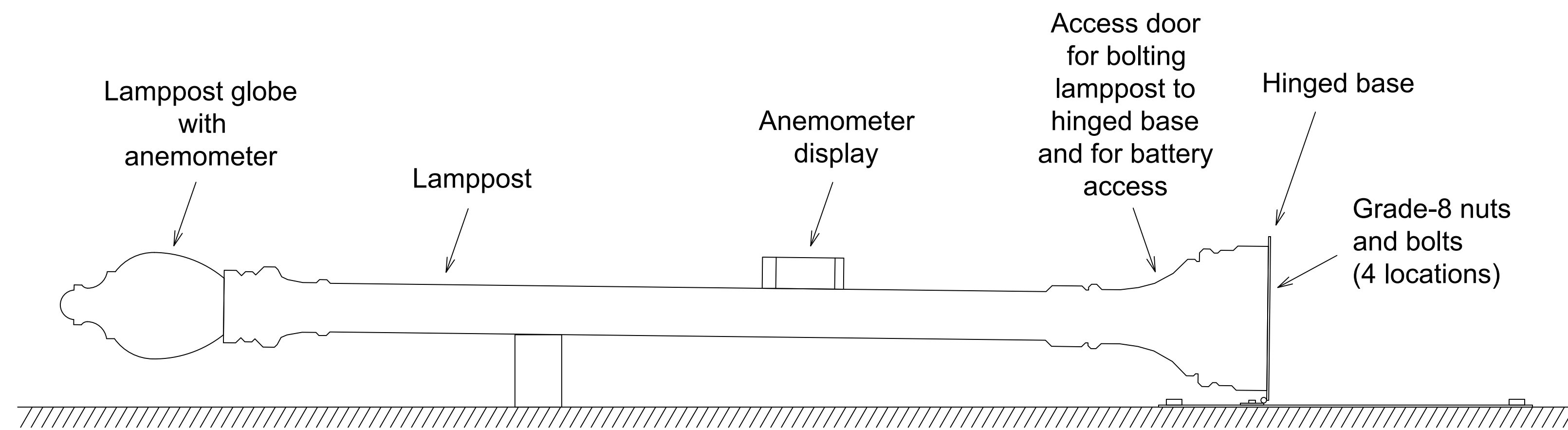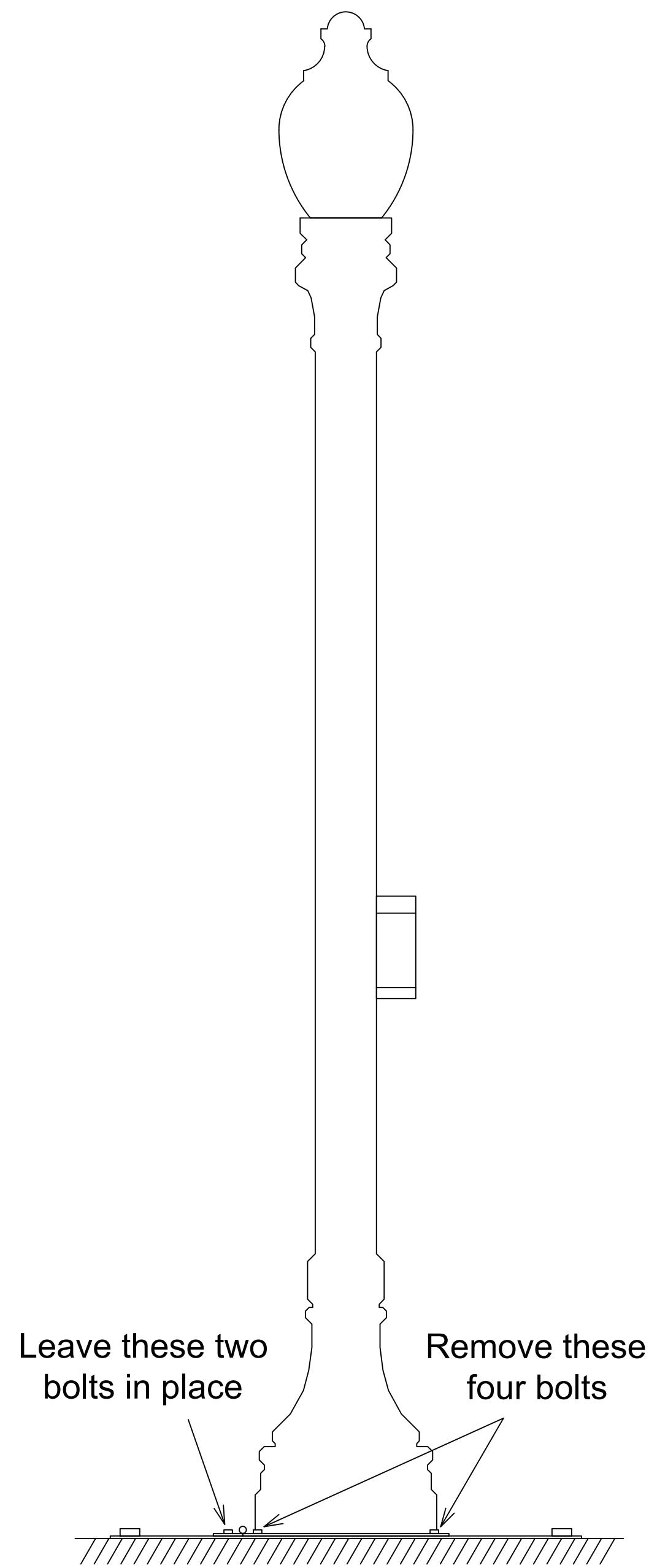
Step 2: Attach the Lamppost

Remove the access door from the lamppost. Bolt the lamppost to the hinged base with four Grade-8 bolts and nuts. Install the battery in the base. Attach the globe to the top of the lamppost. Test the electronics.
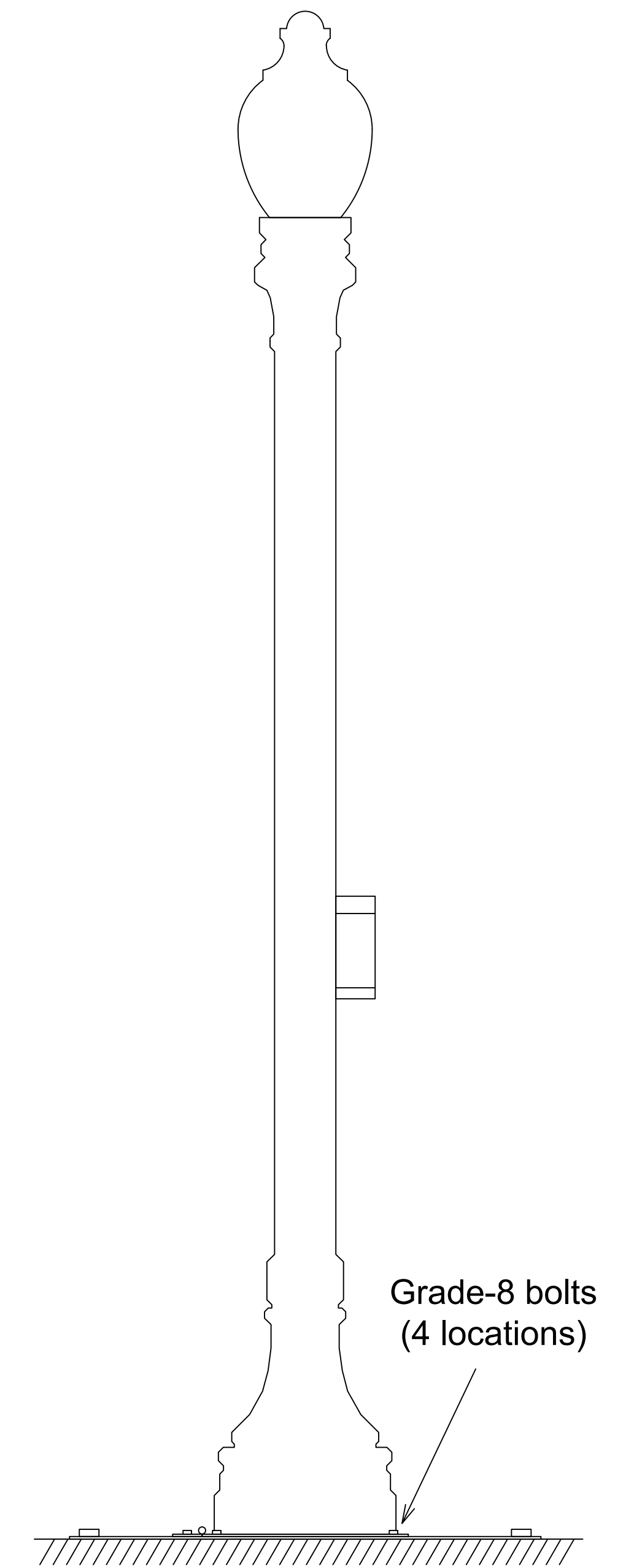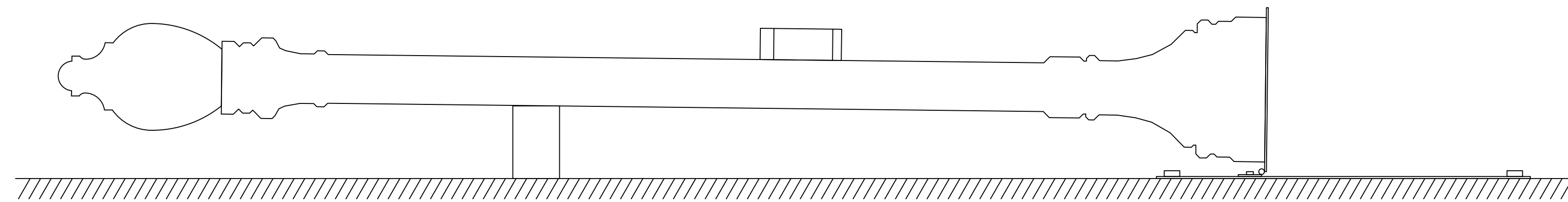
Step 3: Raise the Lamppost

Raise the lamppost and secure it in an upright position by bolting the hinged base to the bearing plate using four Grade 8 bolts. (The bearing plate has matching captive nuts to ease installation.)

Bluster
Deinstallation Plan
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Leave these two
bolts in place

Remove these
four bolts

Step 1: Lower the Lamppost

Remove four of the six Grade 8 bolts from
the hinged base, but leave the two bolts that
secure the hinge to the bearing plate. Lower
the lamppost gently to the ground.

Step 2: Detach the Lamppost

Remove the globe from the top of the
lamppost and remove the battery from the
base. Unbolt the lamppost from the hinged
base. Store everything for transport.

Step 3: Remove the Bearing Plate

Unbolt the hinged base from the bearing plate. Pull the
four 42"-by-1" frame-tent stakes with a JackJaw 502
stake puller (Celina Tent JJ0502). Remove the bearing
plate and store it for transport. Stomp the playa soil
around the four 1" holes that were left by the frame-tent
stakes. Lead the strike crew in a MOOP line around the
area before departing.