



Your Performance Partner

# Seismic Anchoring Instructions

## SoundLok® Sound-Isolation Room

### SEISMIC ANCHORING INSTRUCTIONS ONLY

See the original SoundLok Sound-Isolation Room Assembly Instructions for full assembly procedures.

Anchoring the SoundLok Sound-Isolation Room to meet seismic requirements involves using concrete anchors to control the floor rail's position on the host room's floor and then securing the wall panels to the floor rail.

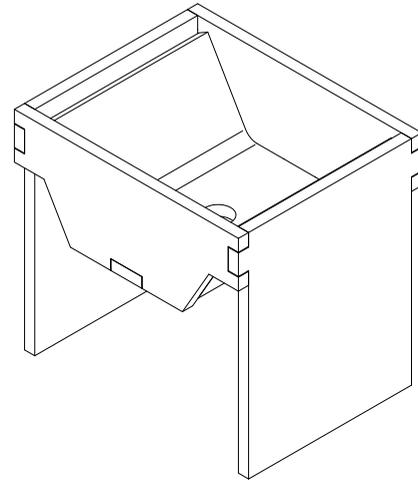
**NOTE:** Periodic inspections throughout this process may be required by the local seismic authorities. Check with the AWJ before beginning the installation.

1. Complete the steps to install and level the Floor Frame and Door Assembly as described in the original SoundLok Sound-Isolation Room Assembly Instructions.
2. Locate the Square Recessed Holes in the Floor Frame.  
These are the Seismic Anchor Points.
3. Using the hole in the center of the Square Recess as a pilot, drill a ½" diameter hole through the Foam Pad and into the host room's concrete floor at least 2½" deep.

Repeat for each Seismic Anchorage Point.

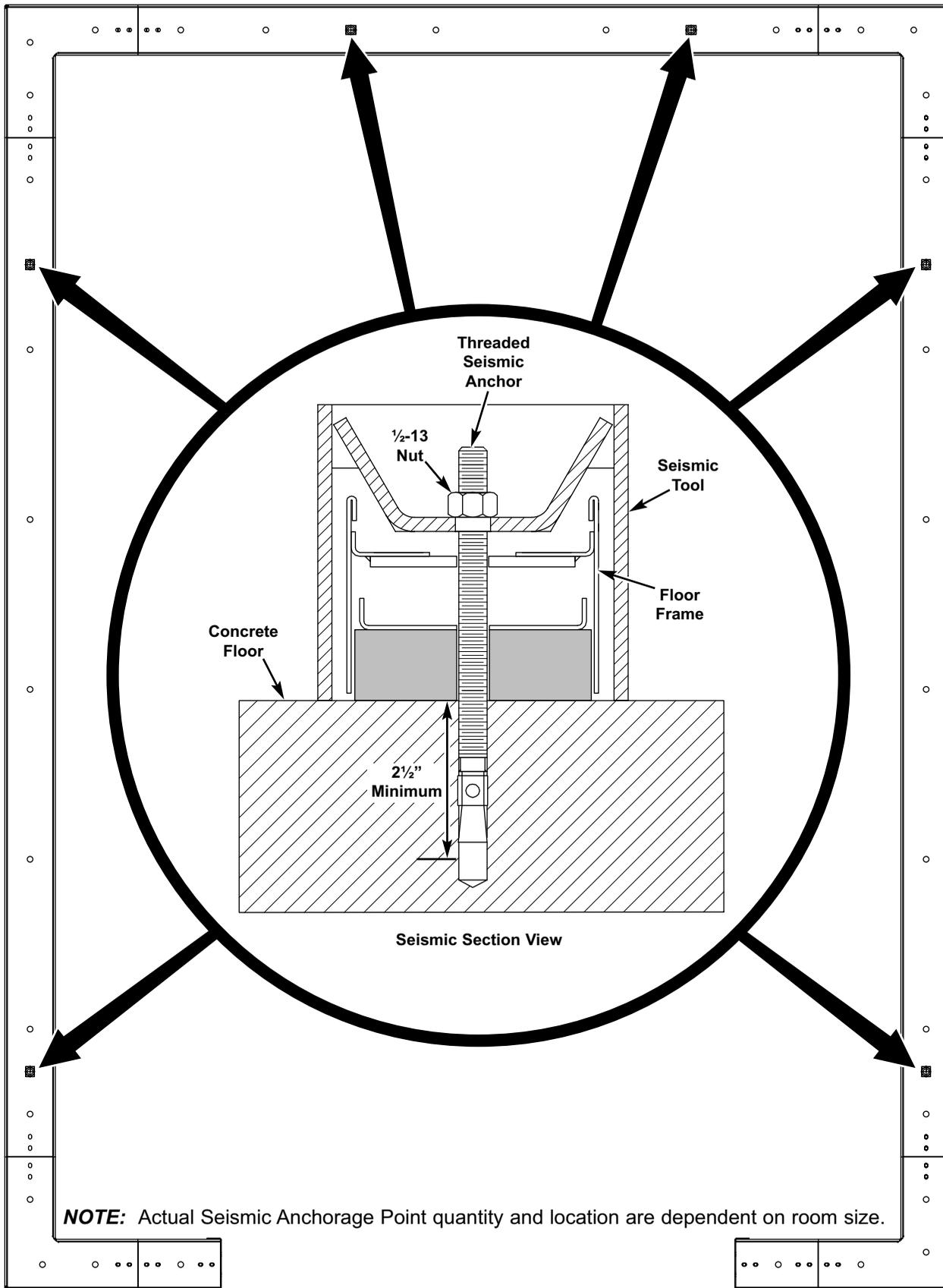
4. Use a vacuum cleaner with an attachment small enough to reach the bottom of the drilled hole to clear all debris from the hole and from the top of the leveling pad.

5. In each newly drilled hole:
  - a. Drive a Threaded Seismic Anchor through the Floor Frame into the concrete floor. The Threaded Seismic Anchor must go least 2½” deep into the floor.
  - b. Place a Seismic Tool over the Seismic Anchor to straddle the Floor Frame and contact the floor.
  - c. Install a ½-13 Nut on the Threaded Seismic Anchor and run it down until it contacts the Seismic Tool.
  - d. Torque the ½-13 Nut to 45-foot pounds to set the Seismic Anchor.
  - c. Remove the ½-13 Nut and Seismic Tool.
  - d. Reattach the ½-13 Nut on the Threaded Seismic Anchor and run it down until it contacts the bottom of the square recess in the Floor Frame.
  - e. Install a Locking Plate over the Threaded Seismic Anchor, making sure it engages the hex of the Nut and is seated down in the square recess.
  - f. Install another ½-13 Nut on the Threaded Seismic Anchor and run it down until it contacts the first Nut. Torque the top Nut to 45 ft. lbs.



**Seismic Tool**

6. Complete the assembly of the SoundLock Sound-Isolation Room as described in the original SoundLok Sound-Isolation Room Assembly Instructions.



7. Secure the Wall Panel sections to the Floor Frame by installing one  $\frac{1}{4}$ -14x $\frac{3}{4}$  Self-Tapping Screw through the Floor Frame into each straight (non-corner) Wall Panel section from the inside of the room.
- Plan the screw locations so they are as evenly spaced and symmetrical in the room as possible.
  - Drill a 0.281" ( $\frac{9}{32}$ ") diameter hole at each location  $\frac{1}{2}$ " down from the top of the floor rail.
- NOTE: Drill through the Floor Frame only. Do not drill into the Wall Panel.**
- Using the 0.281" ( $\frac{9}{32}$ ") hole as a pilot, install a  $\frac{1}{4}$ -14x $\frac{3}{4}$  Self-Tapping Screw through the Floor Frame into the Wall Panel, securing it to the Floor Frame.

