

# IMPORTANT SAFETY INFORMATION



## WARNING

### FRAME TIPPING HAZARD

This frame can easily be tipped. Use extreme caution when unpacking or moving the frame.

Use **at least [2] persons** to remove frame from pallet and move frame into position (refer to page 4).

When installing Frame onto a raised floor, make certain the Frame is secured to concrete beneath the raised floor, a wall, or secured overhead to a structurally sound ceiling. **DO NOT** secure Frame directly to floor tiles.

**FAILURE TO FOLLOW THESE INSTRUCTIONS CAN LEAD TO SERIOUS INJURY, DEATH, OR DAMAGE TO YOUR EQUIPMENT.**

### Safety Notes:

The maximum static weight load of the frame is 800lbs (363kg) The weight load should be evenly distributed across the height of the frame, with the heaviest components mounted at the bottom of the frame.

The maximum operating temperature is 50° C; so that the installer is able to determine acceptability of use of accessories and components in the operating state.

The equipment shall be installed or serviced by trained service personnel in accordance with the applicable requirements of the National Electric Code, ANSI/NFPA 70 or Canadian Electrical Code and the applicable sections of ANSI C2, the National Electrical Safety Code. These instructions shall not result in the risk of fire, electric shock, or injury to persons.



# WARNING

## Frame Tipping Hazard

Mount Frame to floor or wall before equipment is installed in Frame.

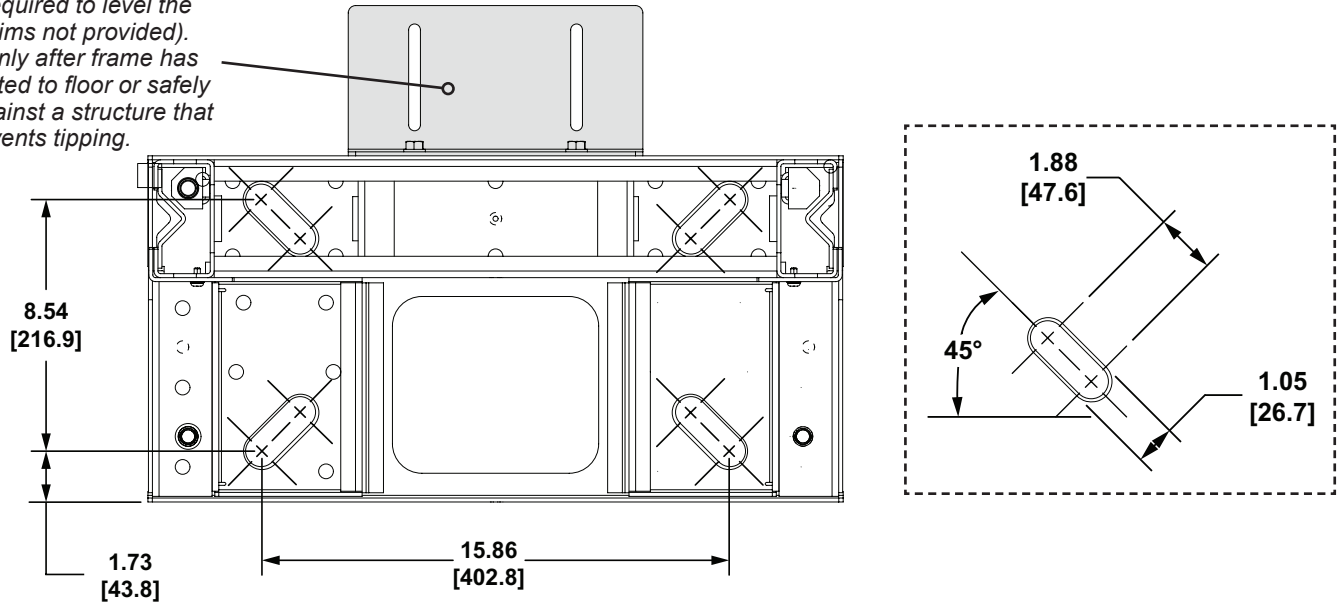
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## Floor Mounting - Seismic 3 Applications

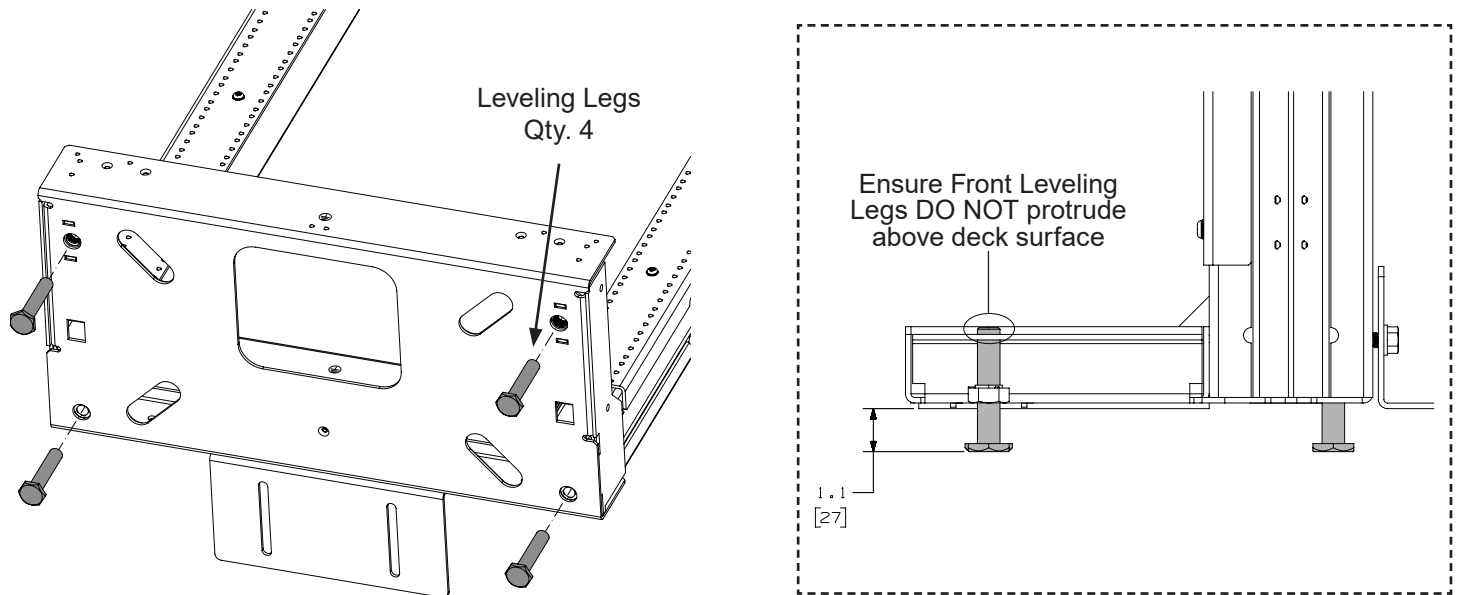
- See Floor Mounting View below for floor mounting dimensions

*Note: If floor is not level, shims may be required to level the frame (shims not provided). Remove only after frame has been mounted to floor or safely secured against a structure that prevents tipping.*



## Floor Mounting - Unlevel Floor (not recommended for seismic zones)

- Mount (4) Leveling Legs to the bottom of Frame as shown
- Ensure the Leveling Legs do not protrude above the deck of frame as shown. Legs should be extended at least 1.1"

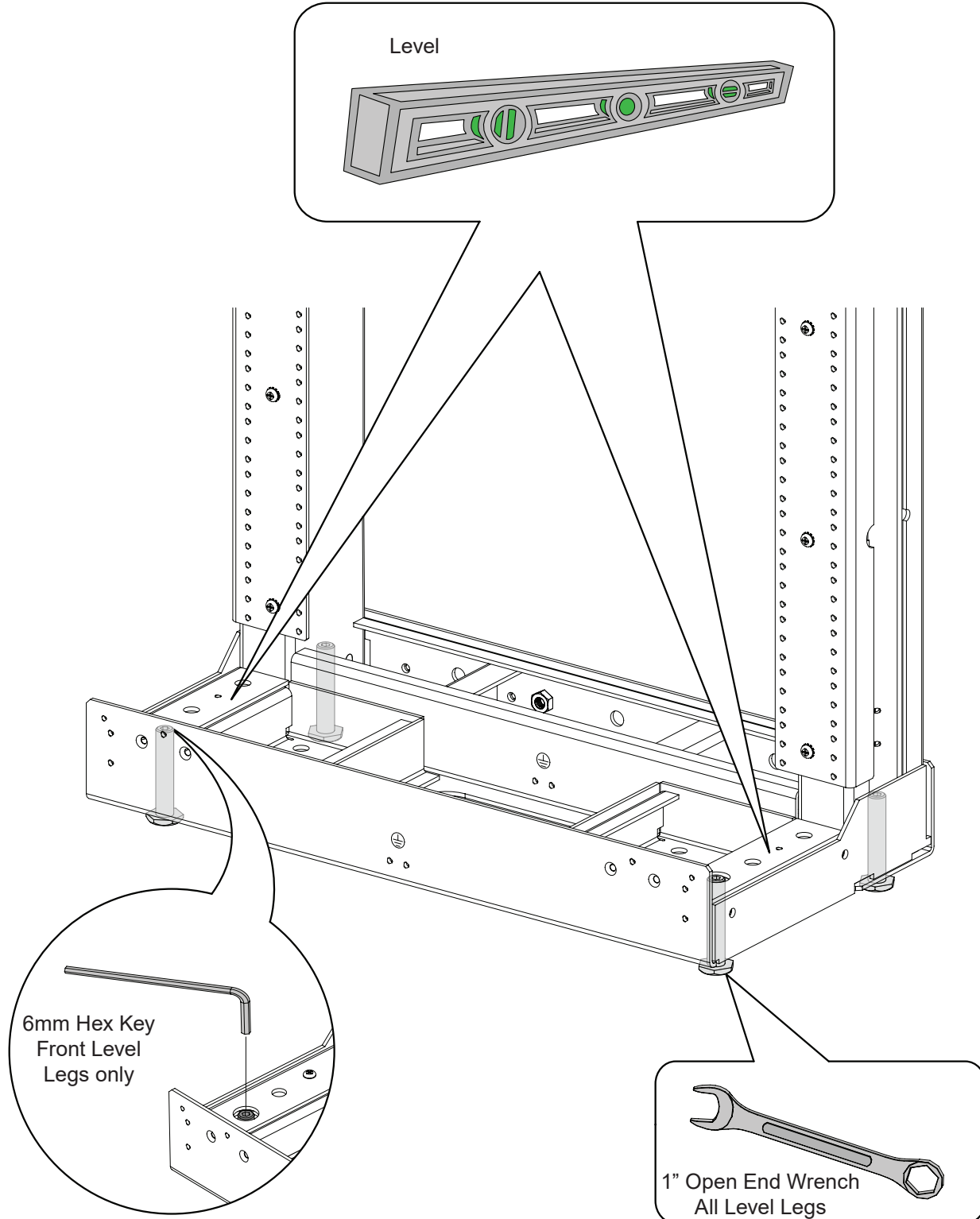


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## Floor Mounting - Unlevel Floor - (continued)

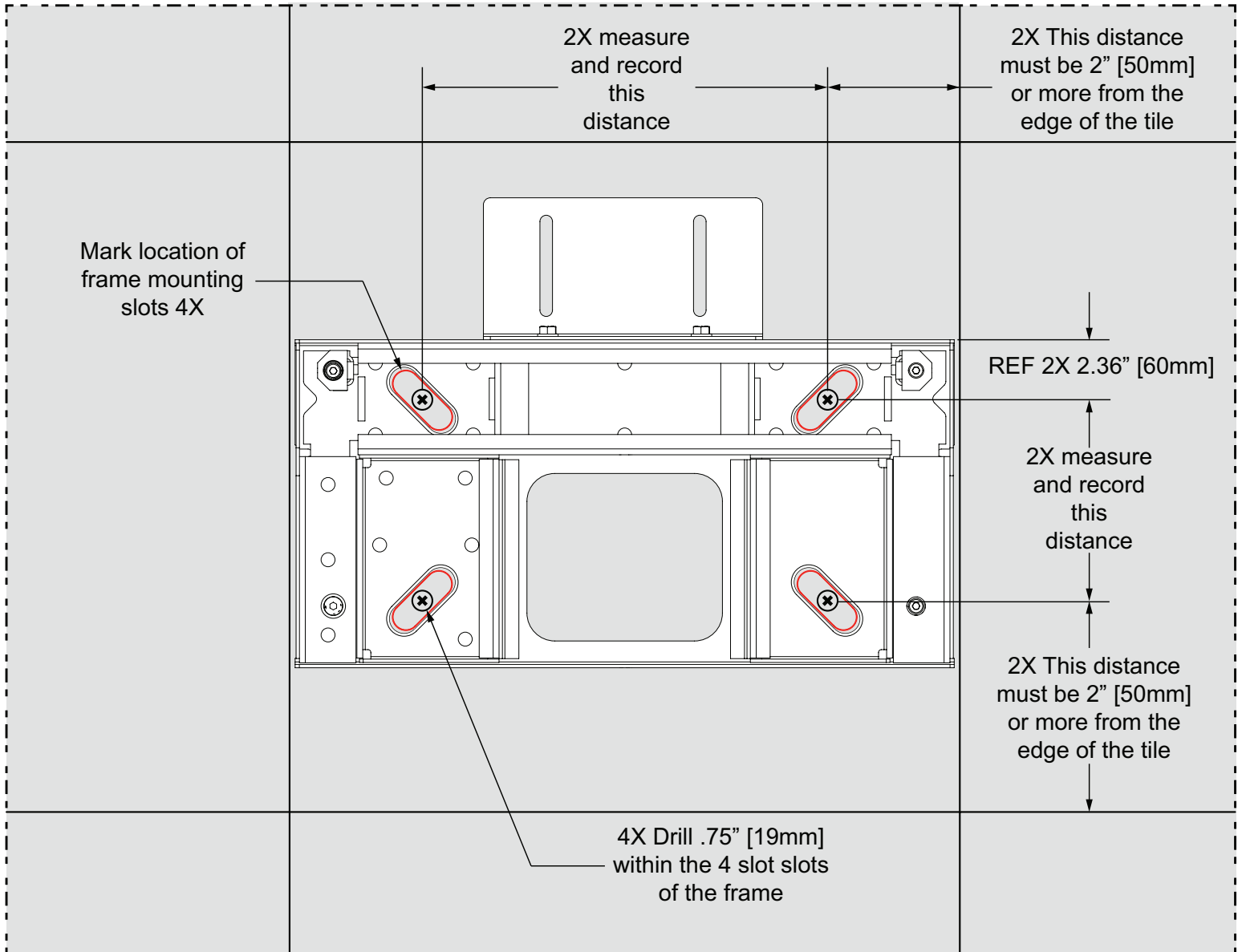
- Move Frame into desired position. **Note:** Mounting holes **MUST** be at least 2" (50mm) from the edges of any Floor Tile.
- **Lower** the (4) Leveling Legs until the Frame weight is fully supported by only the leveling legs.
- Adjust the (4) Leveling Legs so that the Frame is level front-to-back and side-to-side.

**Note:** Mounting holes **MUST** be at least 2" (50mm) from the edges of any Floor Tile.



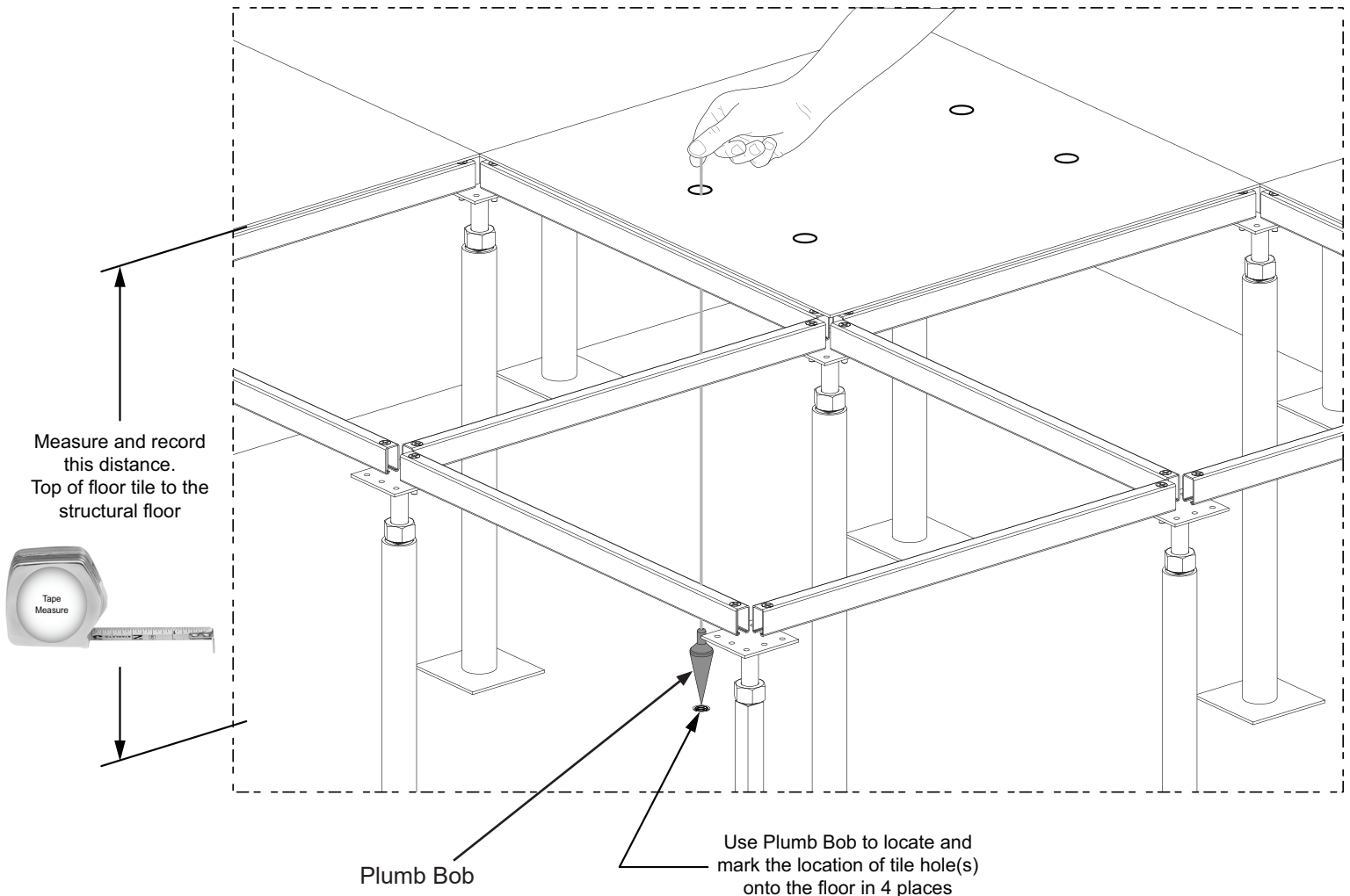
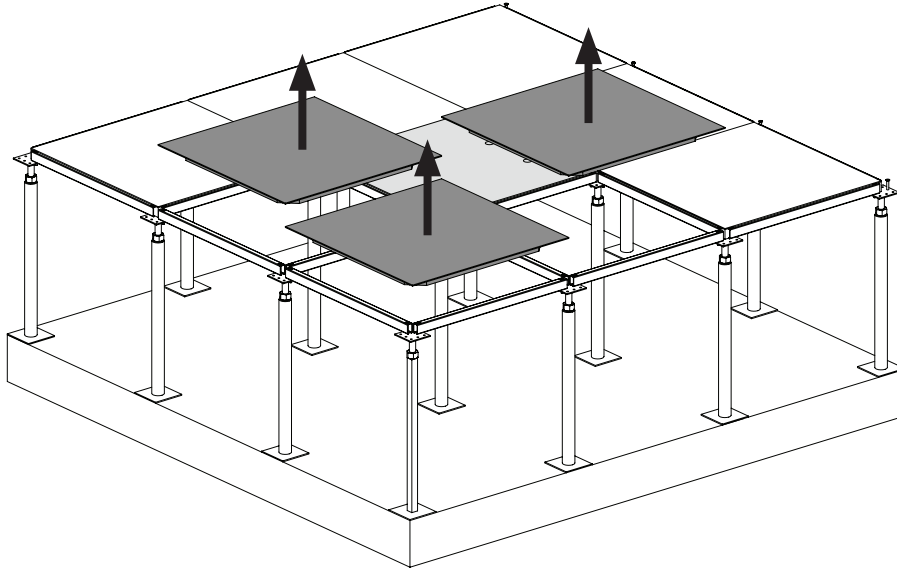
**Layout the location of Frame on the raised floor**

- With the Frame in desired location, mark the location of the Frame mounting slots onto the Floor tile with a marker.
- Drill (4) .75" (19mm) holes thru the Floor Tile within the previously marked mounting slots.
- Remove and place the ODF Frame off to the side until later.



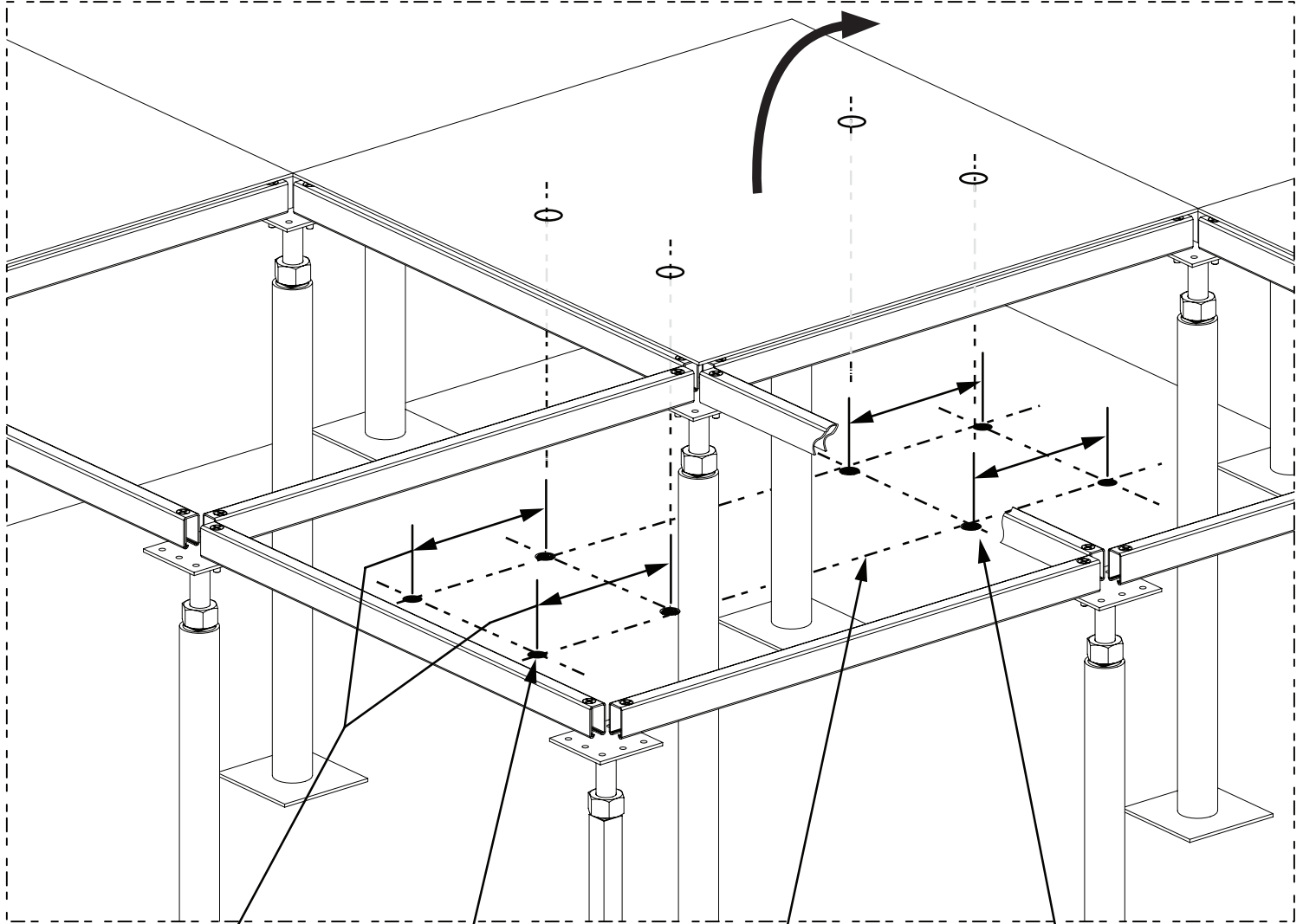
## Layout the location of Frame on the raised floor

- Remove the adjacent floor tiles to the one with the newly drilled holes to allow access to the space below.
- Use a Tape Measure to measure & record the distance between the top of Floor Tile and the structural floor beneath.
- Use the Plumb Bob to mark all 4 hole locations **-OR-** mark first hole location then use the previously recorded dimensions to mark the remaining 3 hole locations.



## Layout the location of Frame anchors on the structured floor

- Remove the drilled floor tile to allow further access to the space below.
- Mark the structured floor approximately 3.75" (95mm) to the left and right of the holes just marked in previous step.
- Mark long lines on floor along all centerlines of marked holes. Centerlines will be used to lay out strut channel.



Move 3.75" (95mm) away from hole markings and mark the structural floor for anchor locations. 4 places

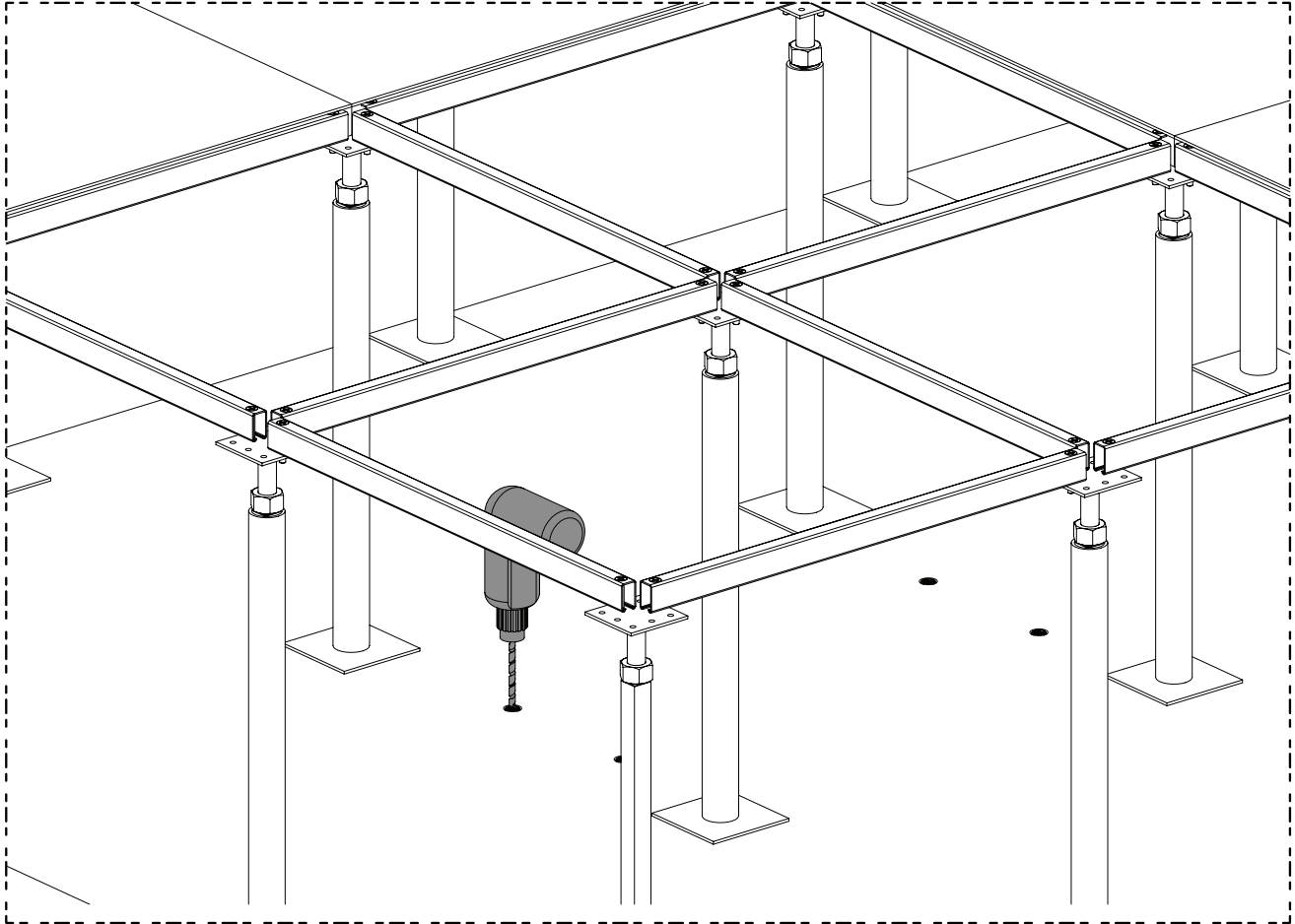
Mark location to drill holes for floor anchors - 4 places

Hole markings from above floor tile  
4 places

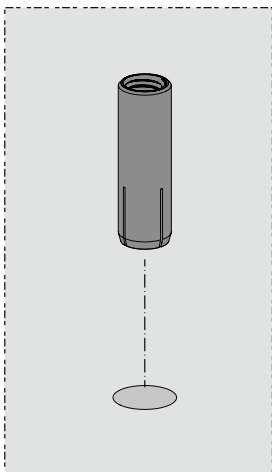
Mark long lines on floor along all centerlines of holes. Centerlines will be used to layout the Strut channel later

## Installation of Frame anchors on the structured floor

- Drill for installation of anchors. **See anchor manufacturers specifications for proper drill size and depth.**
- Install Anchors into drilled holes.
- Cut 4 pieces of threaded rod. Length of rods; manufacturers specification for anchor thread depth + measurement taken for top of floor tile to the structural floor beneath + 1.0" (25mm).



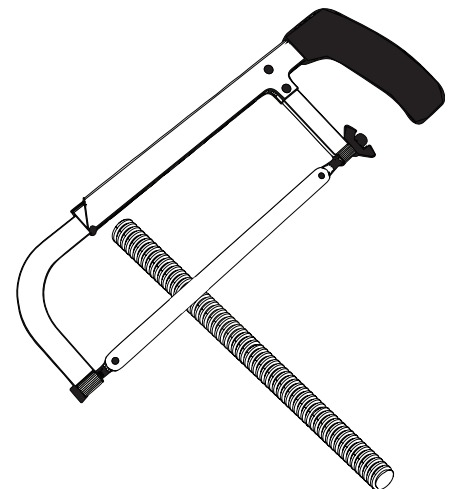
Install Anchors into drilled holes - 4 places  
per manufacturers specs



### Threaded Rod Length

1. Manufacturers specification for anchor thread depth
2. Add measurement taken from the top of floor tile to the structural floor
3. Add 1.0" (25mm)

Cut a quantity of 4 rods

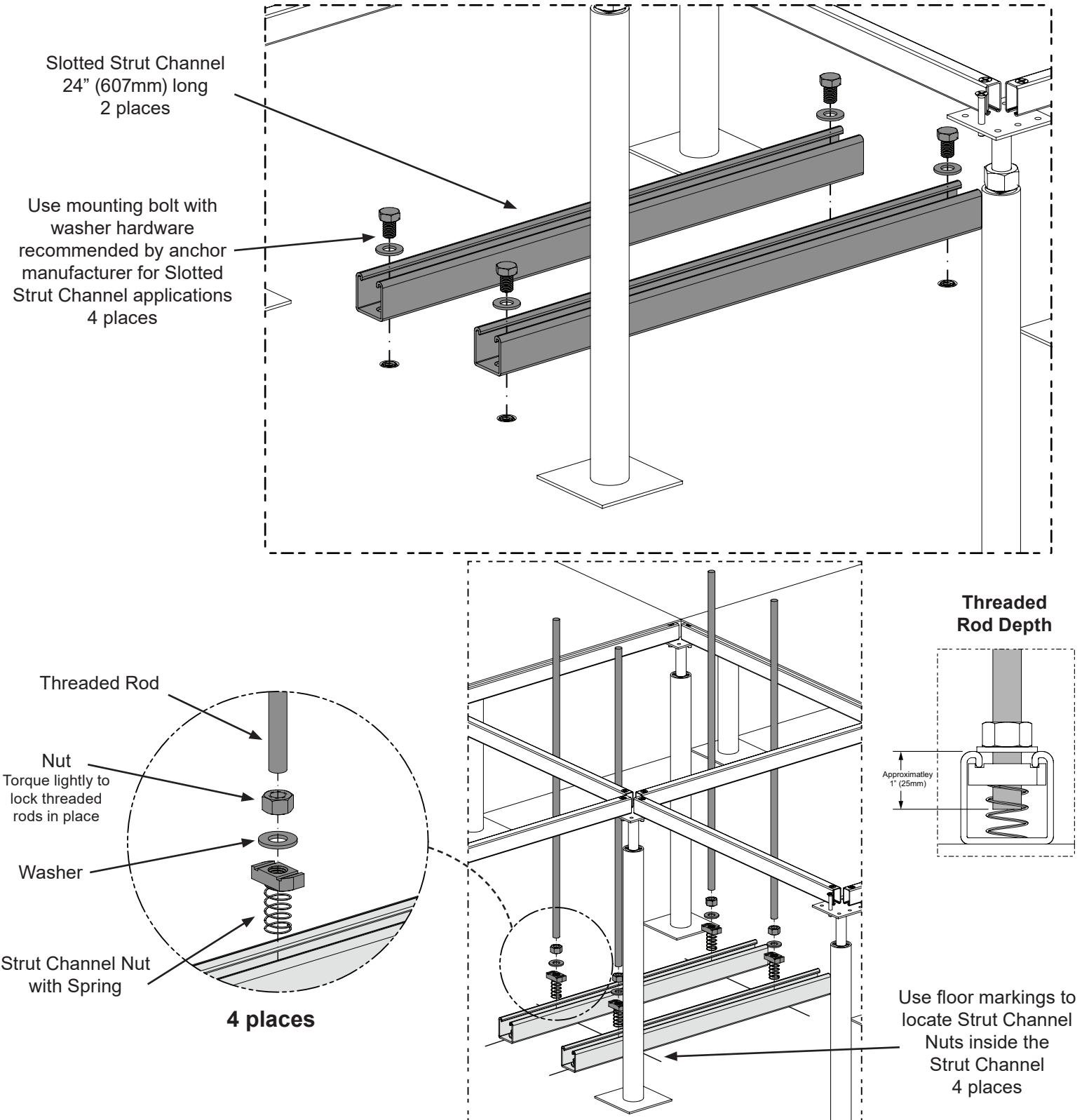


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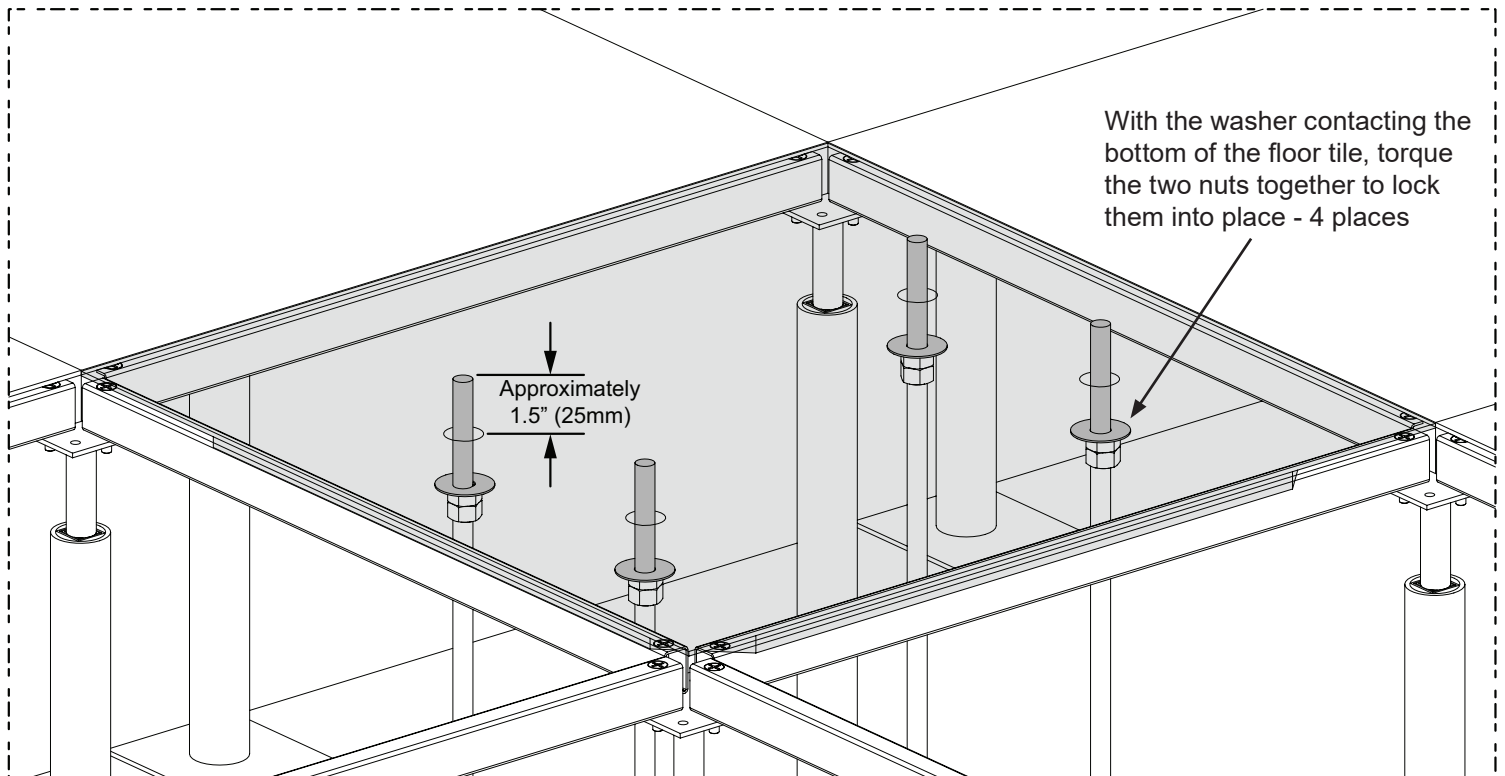
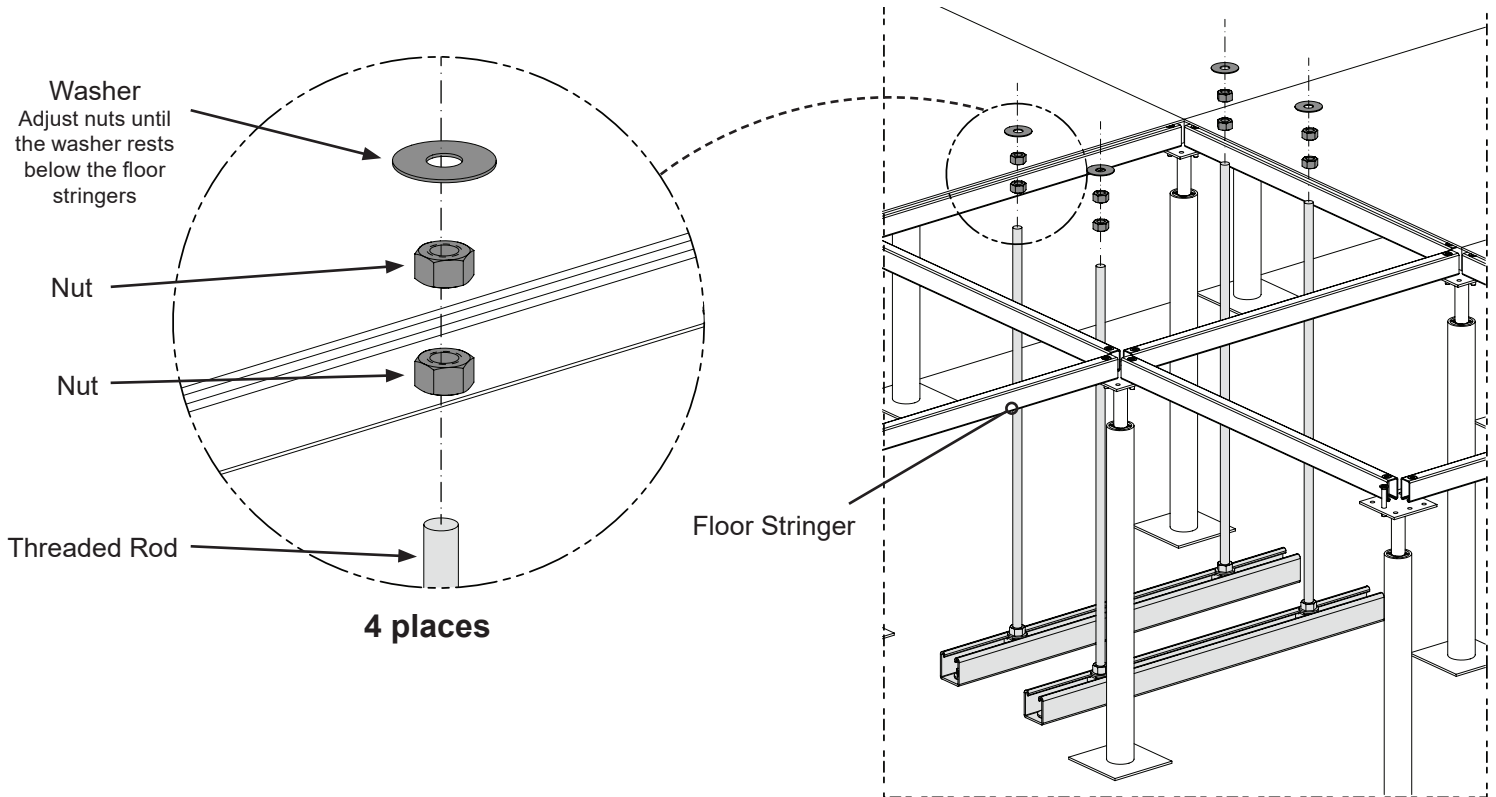
## Installation of Strut Channel & Threaded Rods onto the structured floor

- Bolt down 2 sections of slotted strut channel, 24" (607mm) long, using the installed anchors and recommended bolts. **See anchor manufacturers specifications for proper bolt size**
- Install threaded rod into strut channel with strut nuts, washer and nut. Set threaded rod approximately 1.0" (25mm) below top of the strut.



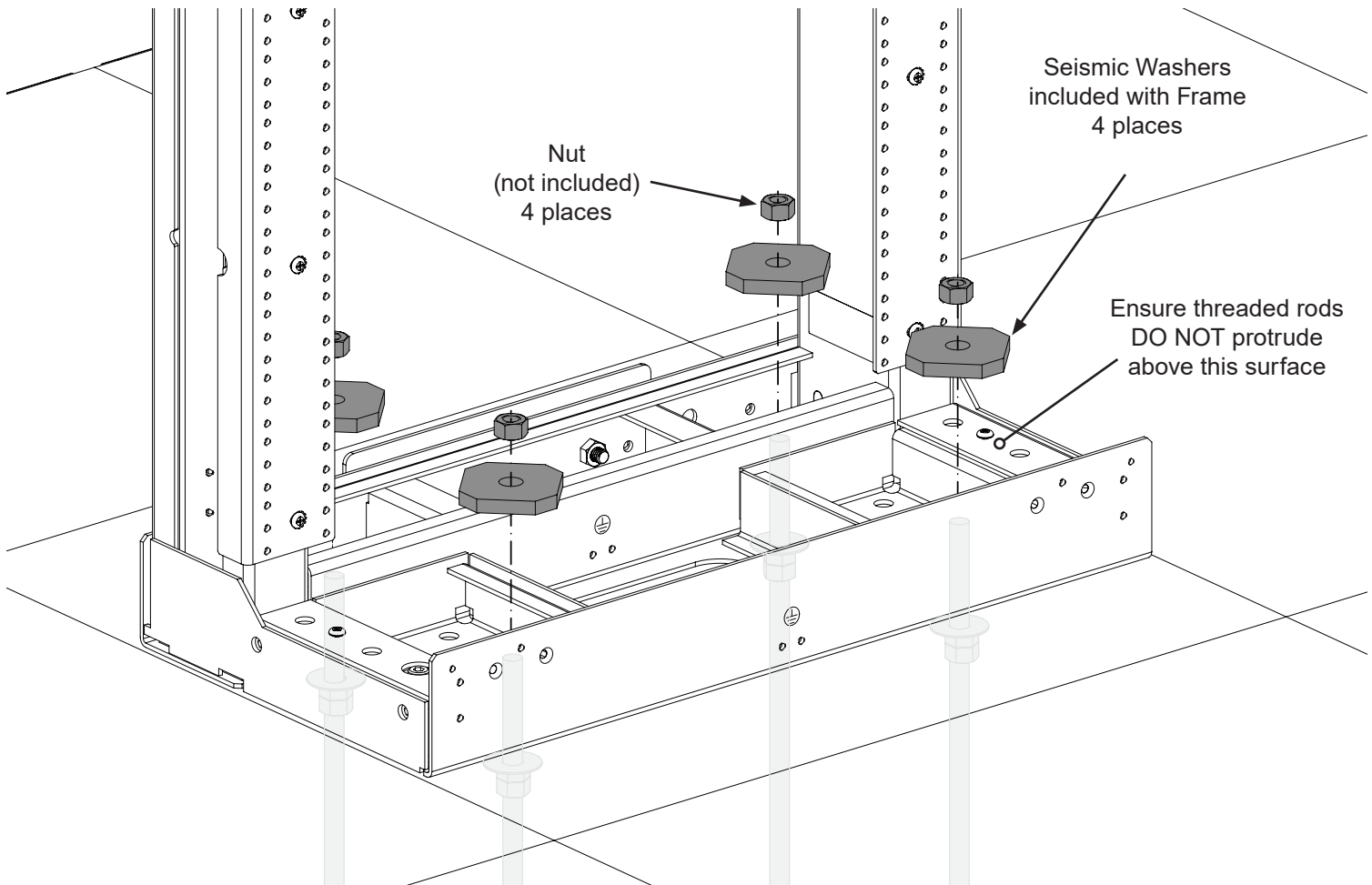
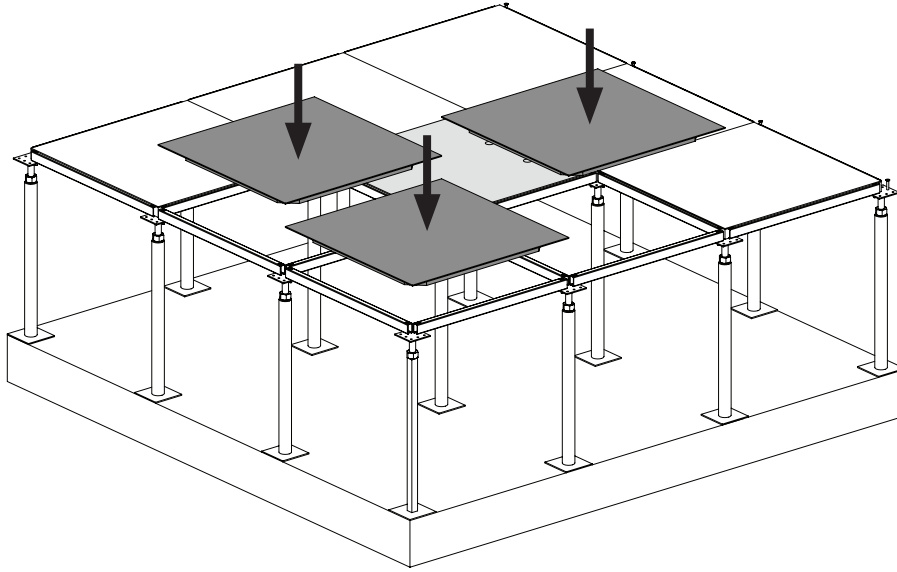
## Installation of Threaded Rods & replacement of drilled Floor Tile

- Install (2) nuts and a large washer to each threaded rod. Adjust nuts until the washer rests below the Floor Stringers.
- Replace the drilled Floor Tile.
- Adjust the nuts again so that the washer contacts the bottom of the floor tile.
- Torque the two nuts together to lock them into place.



## **Installation of Threaded Rods & replacement of drilled Floor Tile**

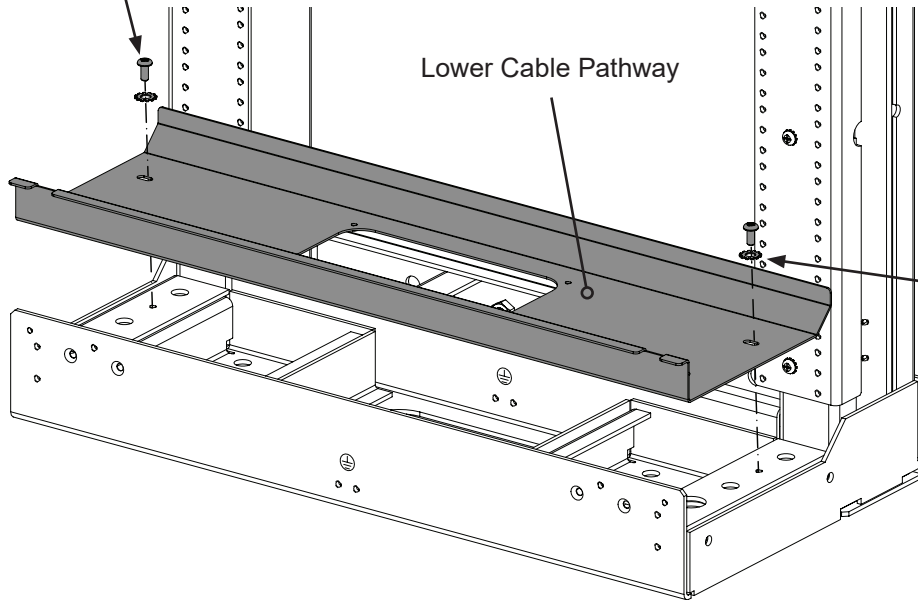
- Replace all the adjacent floor tiles that were removed.
- Place the Frame back onto the floor tile by carefully raising it up & over & aligning the frame slots into the threaded rods.
- Secure the Frame down using (4) seismic washers & nuts. Ensure threaded rods **DO NOT** protrude above deck surface.



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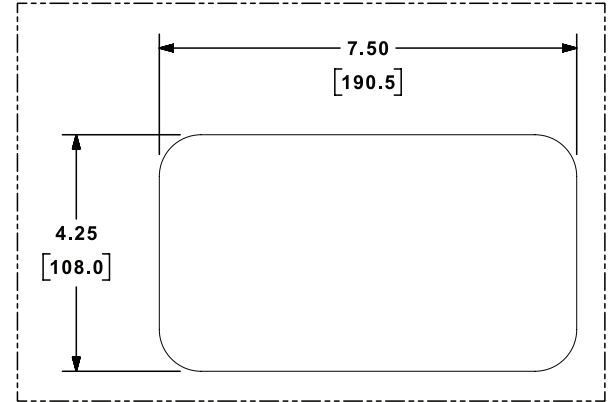
## Attach Lower Cable Pathway

#12-24 x 1/2  
Pan Head screw  
2 places



Lower Cable Pathway

## Cable Pathway Opening

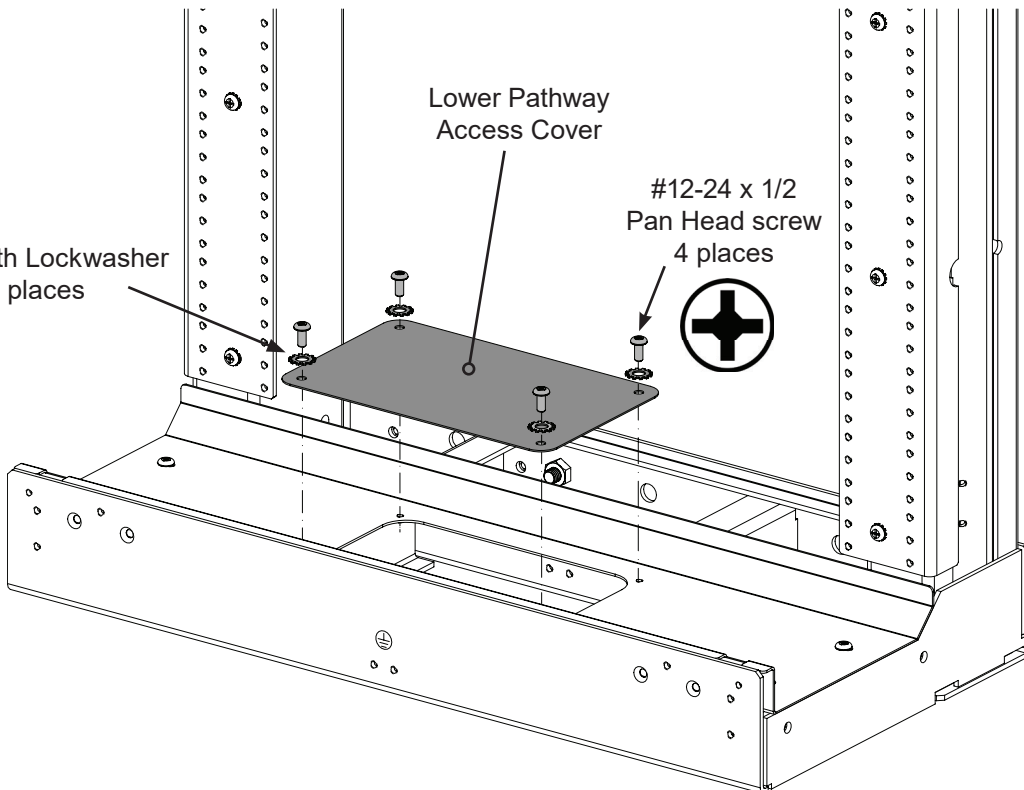


#12 Tooth Lockwasher  
2 places

## OPTIONAL - Attach Lower Pathway Access Cover

#12 Tooth Lockwasher  
4 places

#12-24 x 1/2  
Pan Head screw  
4 places



Lower Pathway  
Access Cover

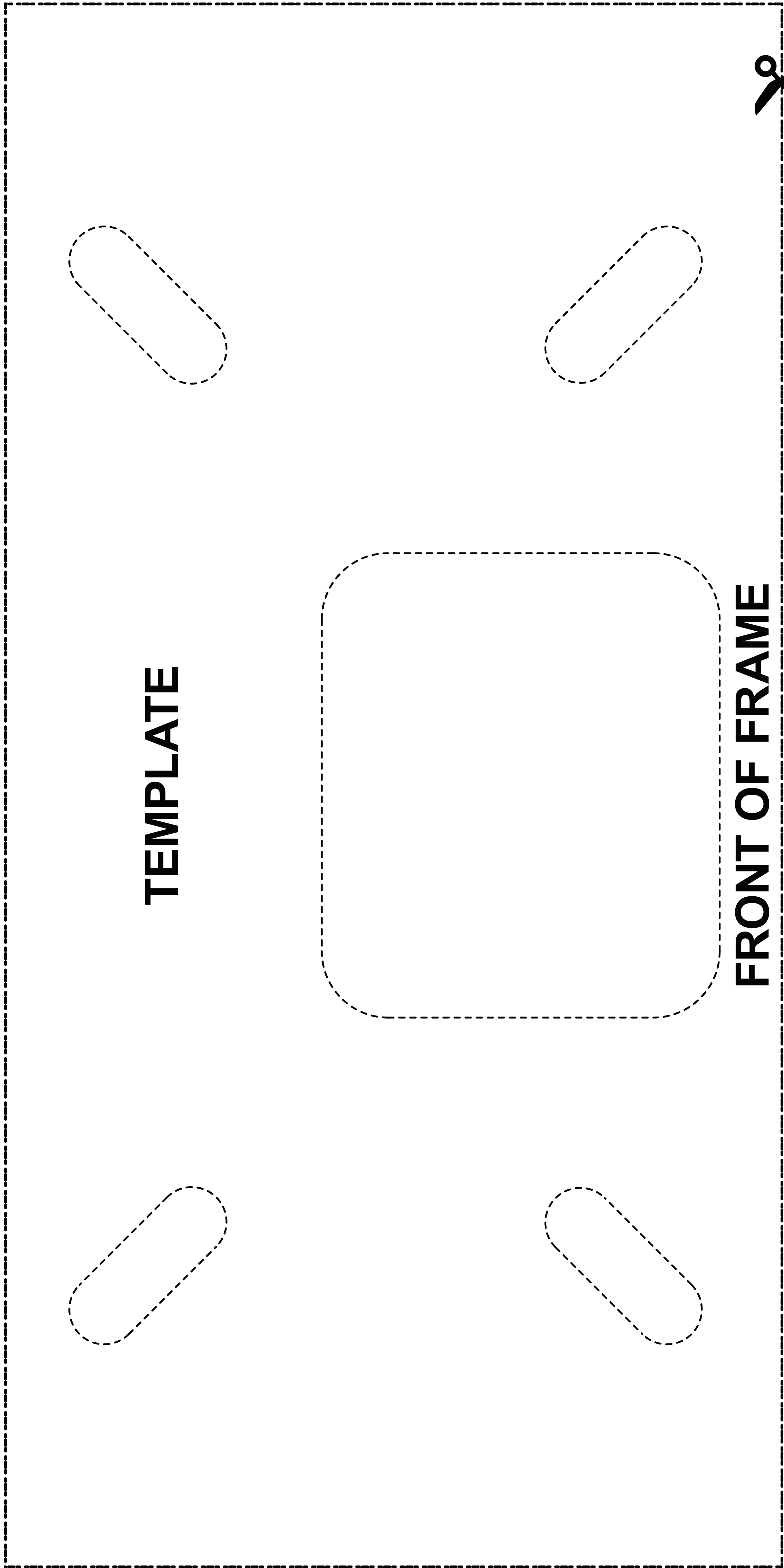
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[www.panduit.com](http://www.panduit.com)

E-mail:  
[techsupport@panduit.com](mailto:techsupport@panduit.com)

Phone:  
866-405-6654



**FLOOR TEMPLATE  
SIZE D DRAWING - 22" X 34"**