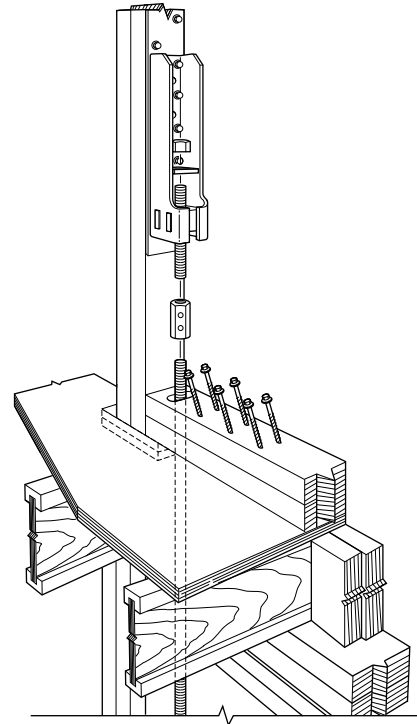


## 2ND FLOOR SILL

- Install the subfloor sheathing.
- Cut out subfloor  $3\frac{1}{2}$ " x  $6\frac{1}{2}$ " under end posts to accept required bearing plates. Bearing plates must be placed to extend  $1\frac{1}{2}$ " past end posts.
- Set bearing plates directly on rim and blocking. (2)  $\frac{3}{8}$ " bearing plates for each end post are provided for  $\frac{3}{4}$ " subfloor, additional bearing plates are sold separately for  $1\frac{1}{8}$ " subfloor.
- Place Raised Floor Wall over all thread rod and bearing plates, line up holes with holes in the Strong-Wall® panel sill.
- Adjust wall to chalk line.
- Use a drill with  $\frac{3}{8}$ " nut driver to drive the pre-installed SDS  $\frac{1}{4}$ " x 6" screws in the sill, down through the subfloor into the rim and blocking below.
- Attach coupler nut. Keep Witness Hole™ visible.
- Install  $\frac{7}{8}$ " all thread rod into coupler nut and holdown.
- Install plate washer, SW-TUD1KT if required (see installation information below) and nut into the holdown.
- Tighten the nut, finger tight plus  $\frac{1}{3}$  to  $\frac{1}{2}$  turn, with a wrench.

**NOTE:** For 2 story application, Bearing Plate and additional blocking under end post requires  $1\frac{1}{2}$ " minimum edge distance from any corner and may require 3" depending on load. See details 3/SW2 or 4/SW2 in current Strong-Wall® Shearwalls catalog or SW2 detail sheet for number of additional studs required.



## TAKEUP DEVICE INSTALLATION

### TAKEUP DEVICE SW-TUD1KT

- For Strong-Wall® shearwall applications extend all thread rod **6" minimum** above subfloor.
- Install coupler nut onto all-thread rod. Keep Witness Hole™ visible.
- Install plate washer provided with Strong-Wall shearwall onto seat of the holdown.
- Undo retaining wires from Takeup Device. **Do not remove pin until nut is installed.**
- Place Takeup Device either end up on plate washer with activation pin facing out.
- Drop all-thread rod down through Takeup Device and attach to coupler nut.
- Install plate washer provided with Takeup Device and then nut on top.
- Tighten nut finger-tight plus  $\frac{1}{3}$  to  $\frac{1}{2}$  turn with a wrench.
- Remove activation pin.

