

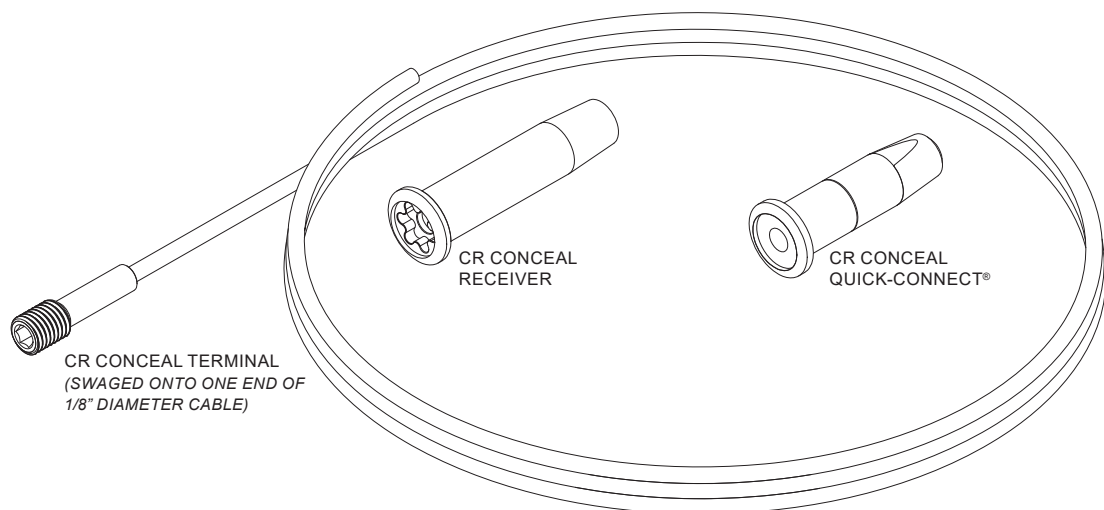
# Installation Instructions

## for CableRail Conceal infill in wood posts

Note: Prior to beginning installation, verify that all parts have arrived and that they match the packing list and thoroughly review all of the installation instructions. Consult local building code for all railing construction requirements in your area.

For complete information on installation, care & maintenance, warranty, and product registration, visit [feeneyinc.com/CRinfo](http://feeneyinc.com/CRinfo)

### CableRail Conceal Kits:



CR Conceal Kit SKUs  
(5' - 50' lengths in 5' increments)

- CRConceal 1/8 : 5
- CRConceal 1/8 : 10
- CRConceal 1/8 : 15
- CRConceal 1/8 : 20
- CRConceal 1/8 : 25
- CRConceal 1/8 : 30
- CRConceal 1/8 : 35
- CRConceal 1/8 : 40
- CRConceal 1/8 : 45
- CRConceal 1/8 : 50

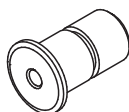
### CableRail Conceal Accessories:



CR CONCEAL CAP  
[CCP]



CR CONCEAL LEVEL DECORATIVE BUSHING FOR WOOD  
[CWDB]



CR CONCEAL STAIR DECORATIVE BUSHING FOR WOOD  
[CWHR]

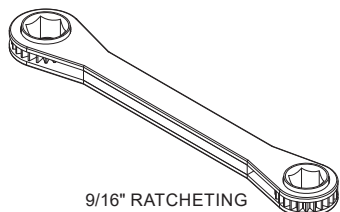


CR CONCEAL STAIR BUSHING  
[CBS]

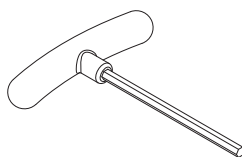
### CableRail Conceal Tools:



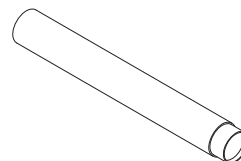
CR CONCEAL STAR DRIVER  
[CSDT]



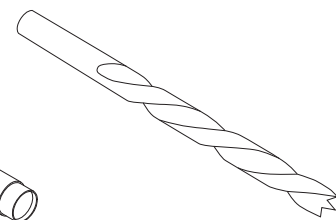
9/16" RATCHETING BOX WRENCH  
[CRC-KIT ONLY]



5/32" T-HANDLE HEX WRENCH  
[CRC-KIT ONLY]



CR CONCEAL CAP REMOVAL TOOL  
[CCRT]



29/64" BRAD POINT DRILL BIT  
[3102]

AVAILABLE AS A 3 PIECE TOOL KIT [CRC-KIT]

Note: These instructions are simplified to show only a portion of the termination posts for illustrative purposes.

## LEVEL INSTALLATION:

Start by performing steps 1-12 for the top and bottom cables only. Once completed, repeat steps 1-12 for the remaining cables. This is required to pre-load the frame and ensures adequate take-up for all cable assemblies.

### STEP 1

Drill 29/64" (0.453") holes through termination posts. (use of brad-point drill bit recommended). Prevent tear-out by drilling from both sides.

Drill 3/16" diameter holes in the intermediate posts. If using protector sleeves (optional) drill 1/4" diameter holes in the intermediate posts and insert the protector sleeves.

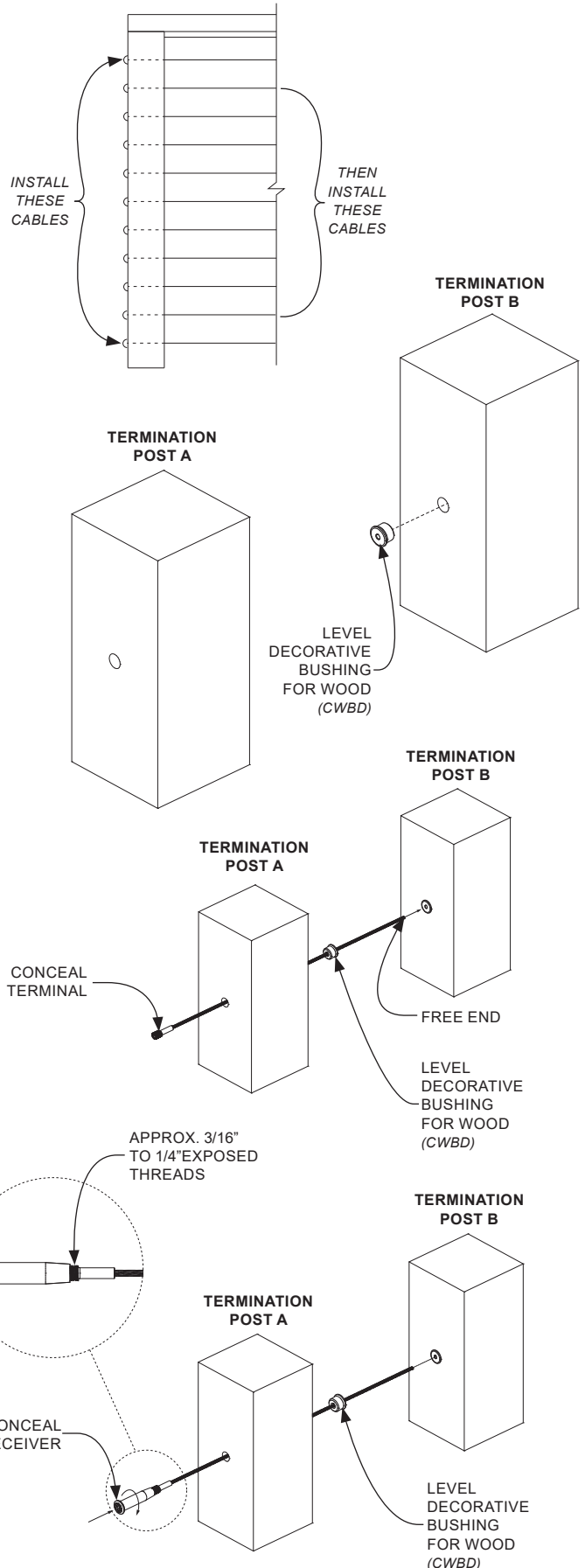
Insert level decorative bushing for wood (CWBD) in termination Post B (The level decorative bushing for wood (CWBD) for termination post A will be inserted in step 8).

### STEP 2

Lace the free end of cable through the first termination post A and level decorative bushing for wood (CWBD) for termination post A. (Note: Do not insert the level decorative bushing for wood (CWBD) for termination post A until Step 8). Continue lacing cable through the intermediate posts and pickets (not shown) and opposite termination post B. Leave the Conceal Terminal exposed at one end.

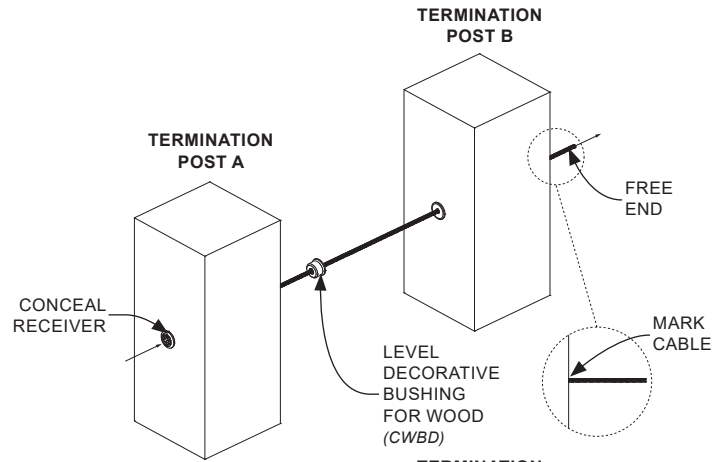
### STEP 3

Thread the Conceal Receiver onto the Conceal Terminal, leaving approximately 3/16" of threads exposed. For cable runs over 40 feet, leave approximately 1/4" of threads exposed.



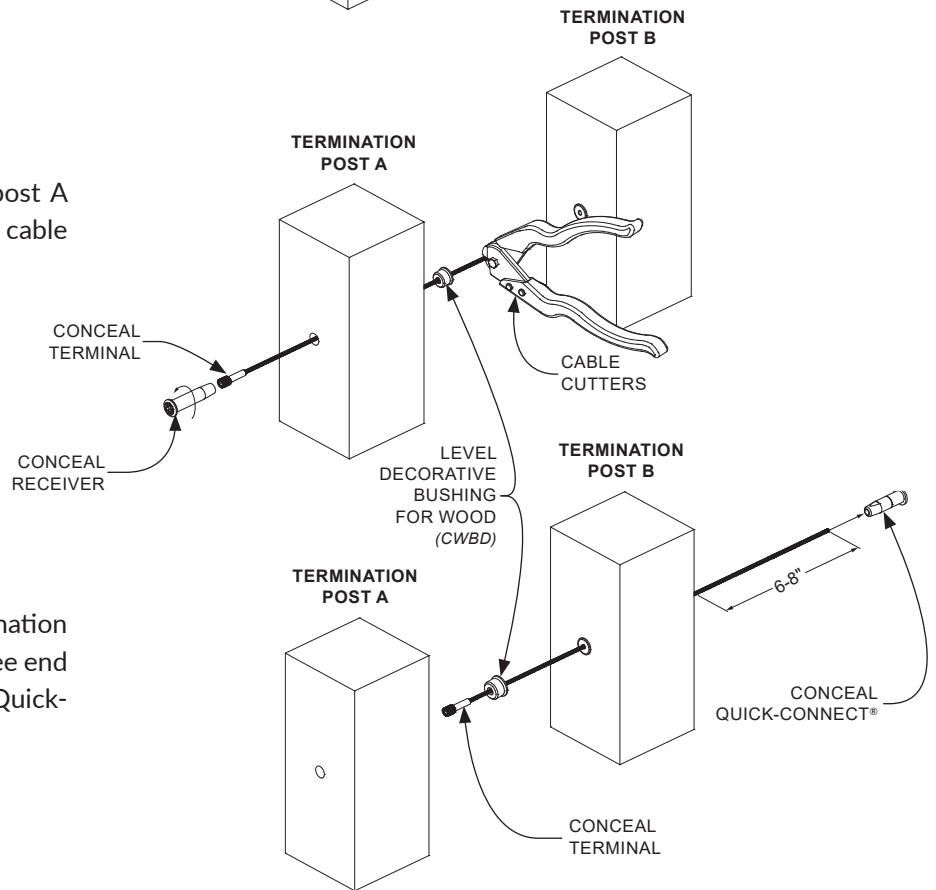
### STEP 4

Push Conceal Receiver fully into termination post A. Pull the cable tight through the opposite termination post B to remove slack in the cable. Mark the cable on the outside face of the termination post B using a felt-tipped marker.



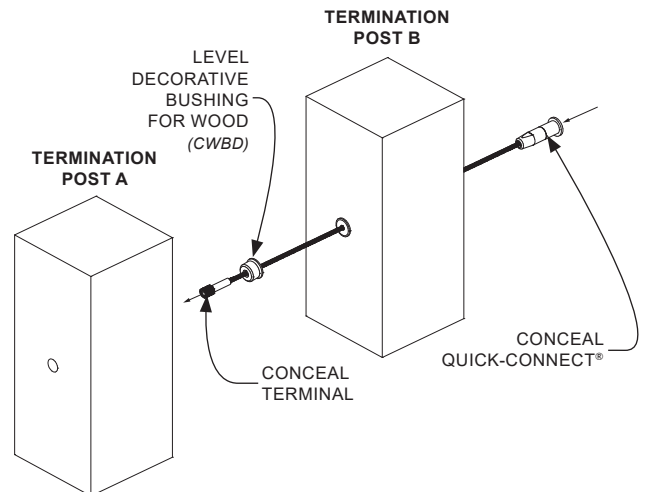
### STEP 5

Pull the Conceal Receiver out of the termination post A and un-thread it from the Conceal Terminal. Trim the cable at the mark using Cable Cutters.



### STEP 6

Re-insert the free end of the cable through the termination post B, allowing 6-8 inches to protrude. Insert the free end of the cable as far as it will go into the Conceal Quick-Connect®.

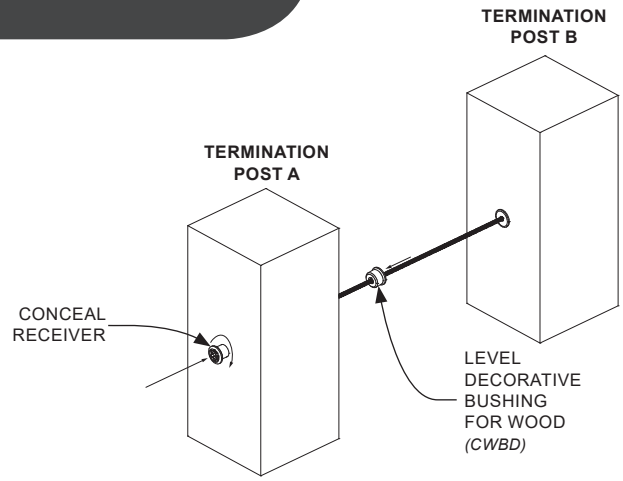


### STEP 7

Pull the cable assembly so that the Conceal Quick-Connect® slides back into the termination post B, and re-insert the Conceal Terminal into termination post A (since the cable was trimmed, the Conceal Terminal will only insert part way into the post).

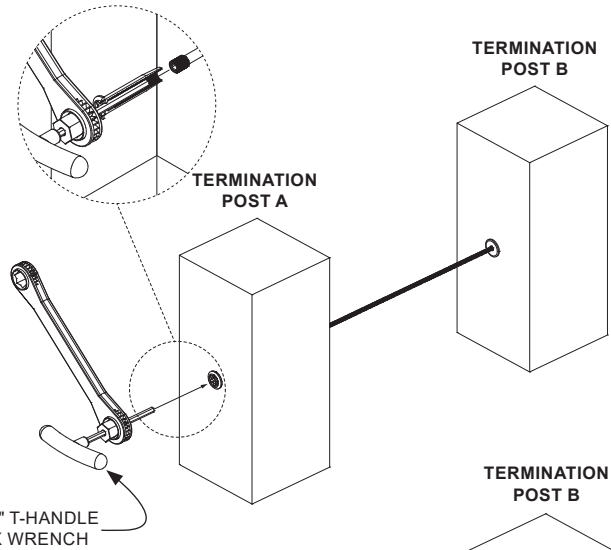
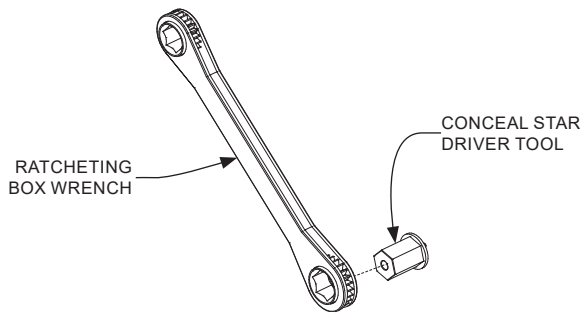
### STEP 8

Insert the Conceal Receiver into the termination post A, turning it clockwise to engage the threads on the Conceal Terminal inside the post. Continue threading the Conceal Receiver onto the Conceal Terminal until the Conceal Receiver is up against the face of the post. Take care to avoid cross-threading. The Level Decorative Bushing for wood (CWBD) can now be inserted into the hole on the inside face of termination post A.



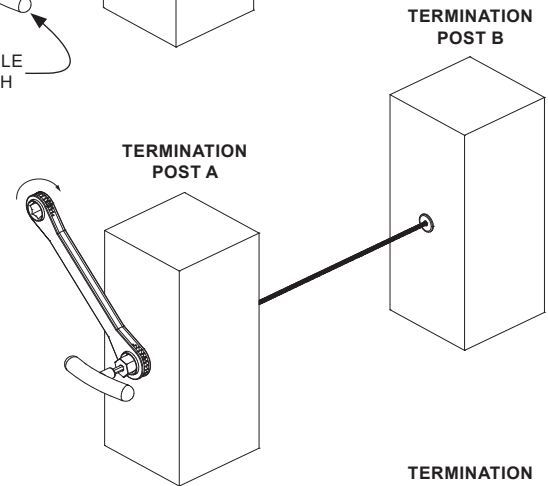
### STEP 9

Insert the Star Driver Tool into a 9/16" ratcheting box wrench.



### STEP 10

Insert 5/32" T-handle Hex Wrench through the hole in the Conceal Star Driver Tool and the Conceal Terminal. Engage the 5/32" T-Handle Wrench into the mating hex end of the Conceal Terminal. Then, align and fully seat Conceal Star Driver tool into the star pattern on the Conceal Receiver.

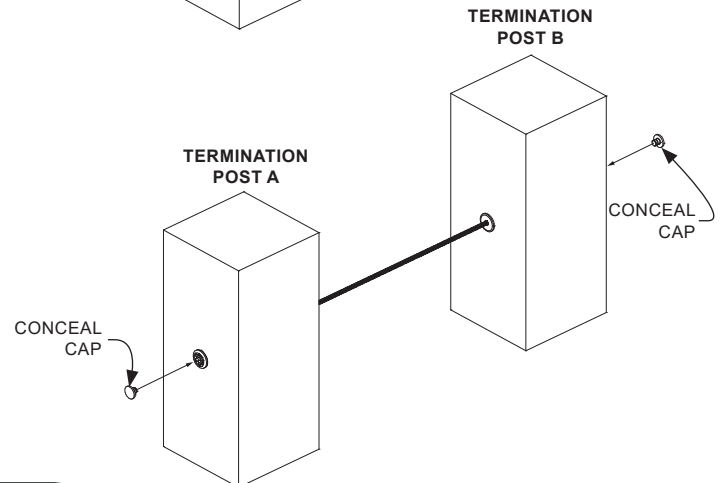


### STEP 11

Tension the cable by slowly rotating the ratcheting box wrench clockwise, while holding the 5/32" T-Handle Hex Wrench in a fixed position (*take care to avoid overtensioning cables*).

### STEP 12

Once the desired cable tension is reached, the Conceal Caps can be placed into the Conceal Terminal and the Conceal Quick-Connect® (*the rubber O-ring on the Conceal Cap may require lubrication, ie: soapy water*).



After performing steps 1-12 for the top and bottom cables, repeat for the remaining cables.

Note: These instructions are simplified to show only a portion of the termination posts for illustrative purposes.

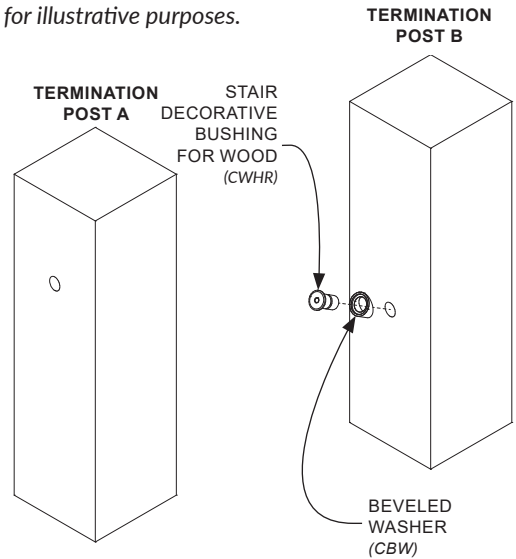
## STAIR INSTALLATION:

### STEP 1

Drill 29/64" (0.453") holes through termination posts. (use of brad-point drill bit along with angled drill jig recommended for drilling at correct angle). Prevent tear-out by drilling from both sides.

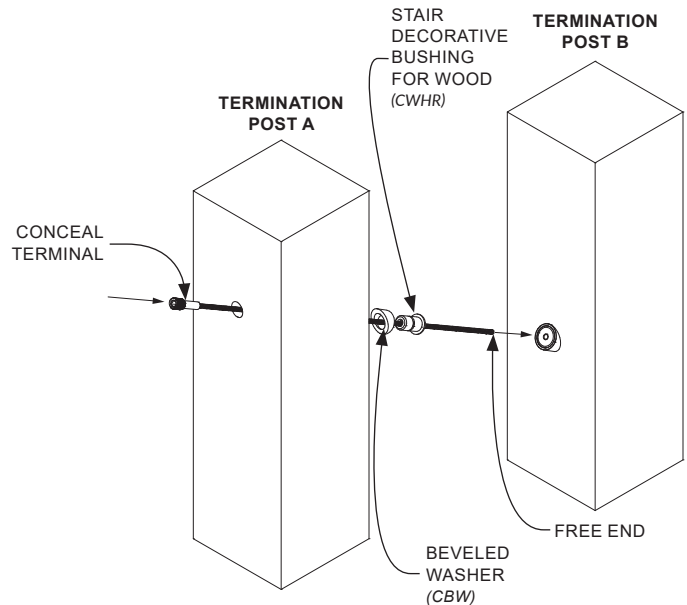
Drill 3/16" diameter holes in the intermediate posts.

Insert stair decorative bushing for wood (CWHR) into termination Post B using a Beveled Washer (CBW) (The stair decorative bushing for wood (CWHR) for termination post A will be inserted in step 8).



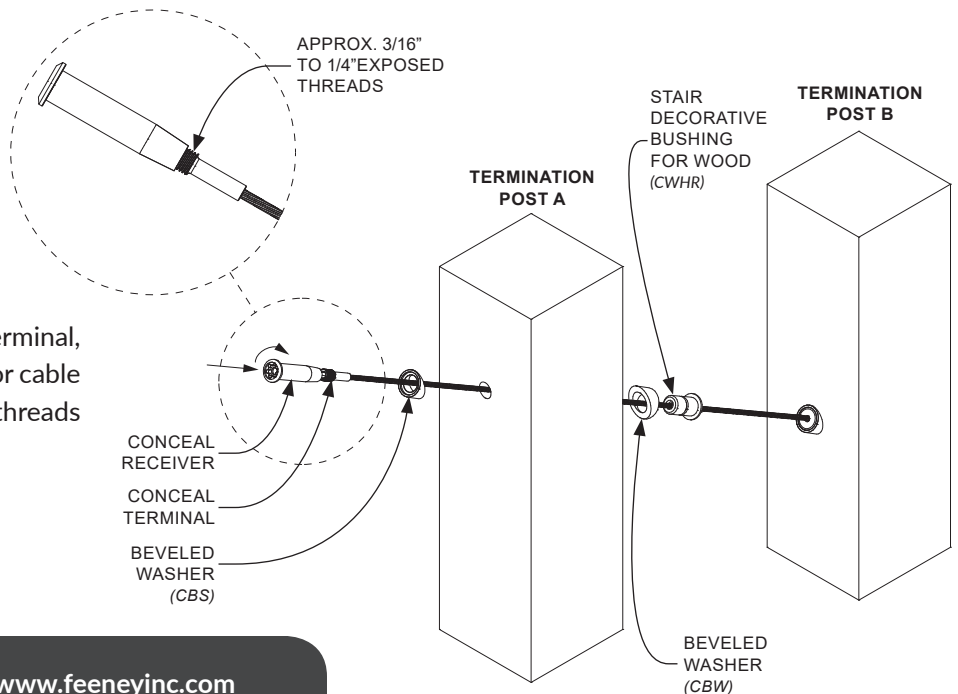
### STEP 2

Lace the free end of cable through the first termination post A, beveled washer and stair decorative bushing continue through the intermediate posts and pickets (not shown) and opposite termination post B. Leave the Conceal Terminal exposed at one end.



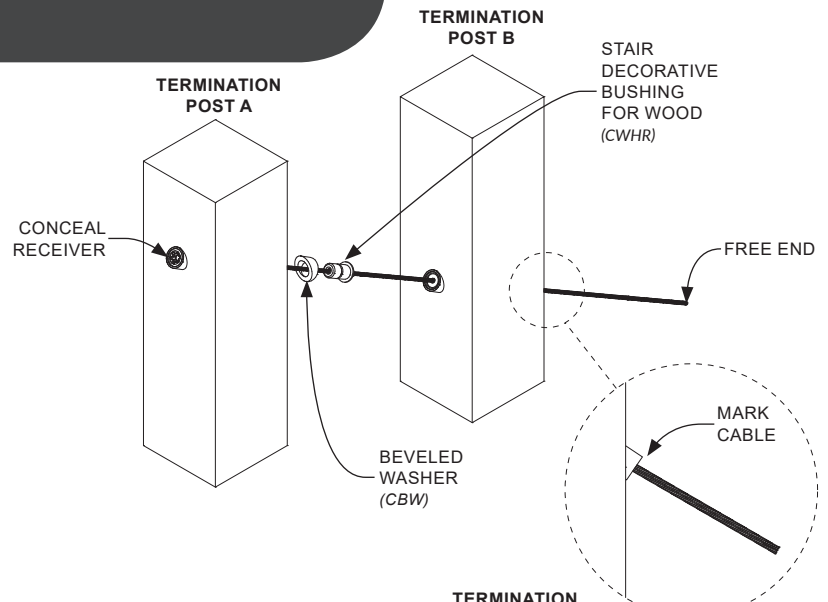
### STEP 3

Thread the Conceal Receiver onto the Conceal Terminal, leaving approximately 3/16" of threads exposed. For cable runs over 40 feet, leave approximately 1/4" of threads exposed.



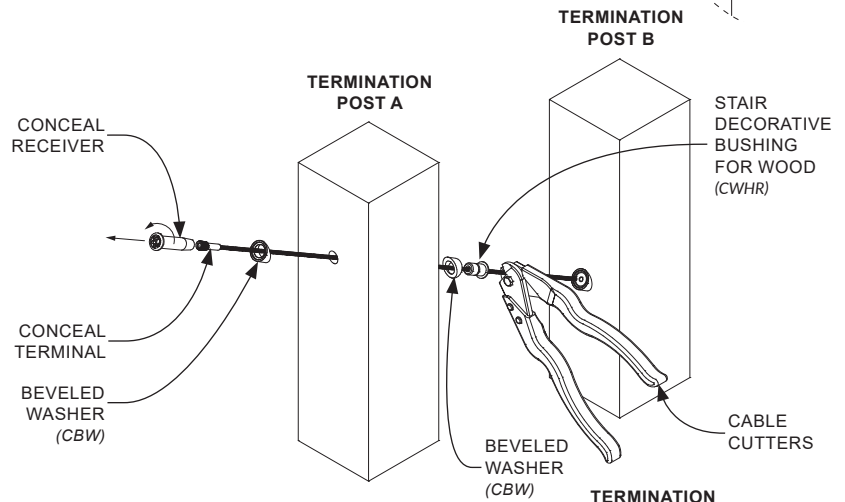
### STEP 4

Push Conceal Receiver fully into termination post A. Pull the cable tight through the opposite termination post B to remove slack in the cable. Mark the cable on the outside face of the termination post B using a felt-tipped marker.



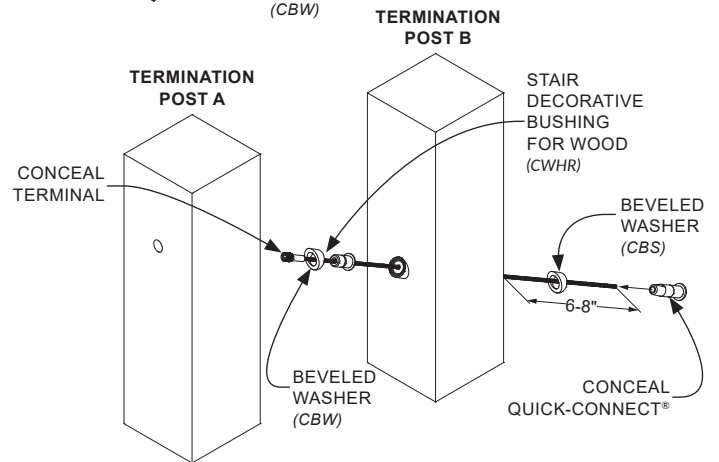
### STEP 5

Pull the Conceal Receiver out of the termination post A and un-thread it from the Conceal Terminal. Trim the cable at the mark using Cable Cutters.



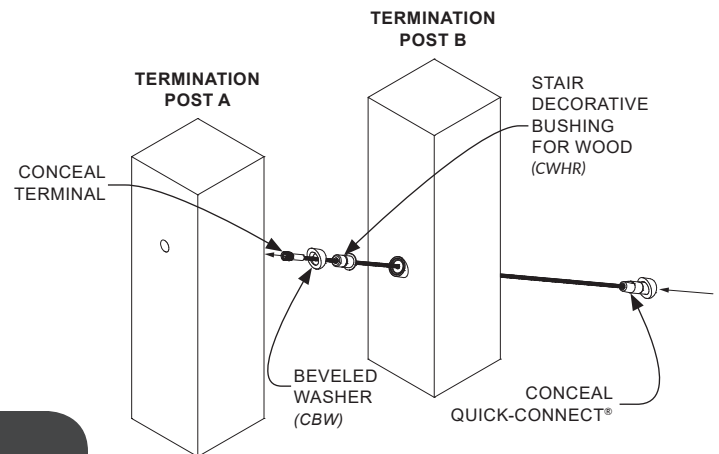
### STEP 6

Re-insert the free end of the cable through the termination post B, allowing 6-8 inches to protrude. Insert the free end of the cable as far as it will go into the Conceal Quick-Connect®.



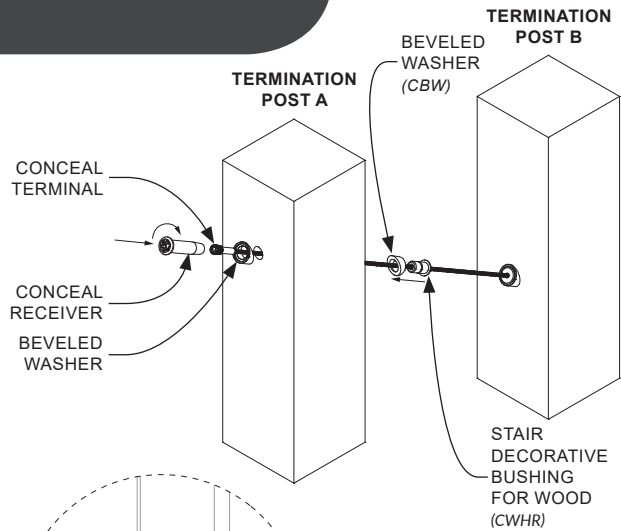
### STEP 7

Pull the cable assembly so that the Conceal Quick-Connect® slides back into the termination post B, and re-insert the Conceal Terminal into termination post A (since the cable was trimmed, the Conceal Terminal will only insert part way into the post).



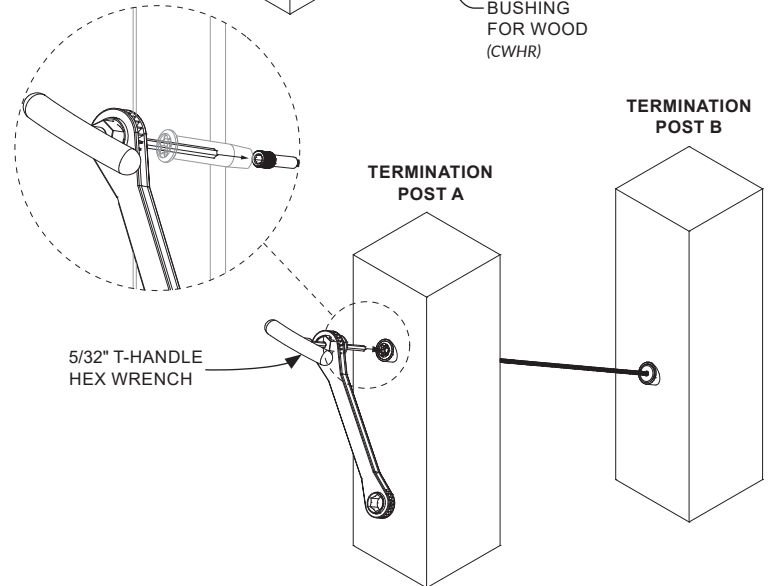
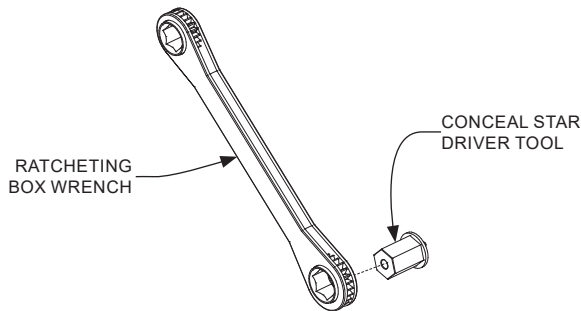
### STEP 8

Insert the Conceal Receiver into the termination post A, turning it clockwise to engage the threads on the Conceal Terminal inside the post. Continue threading the Conceal Receiver onto the Conceal Terminal until the Conceal Receiver is up against the face of the post. Take care to avoid cross-threading. The Level Decorative Bushing for wood (CWBD) can now be inserted through the beveled washer (CBW) and into the hole on the inside face of termination post A.



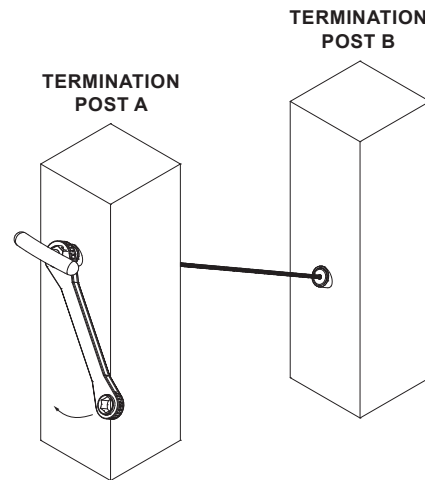
### STEP 9

Insert the Star Driver Tool into a 9/16" ratcheting box wrench.



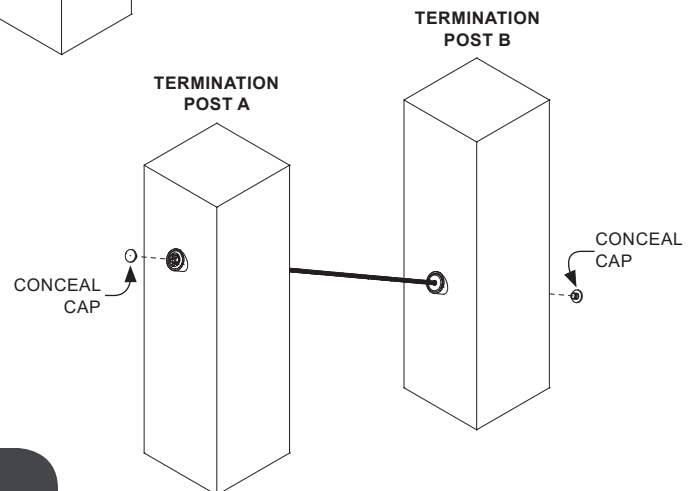
### STEP 10

Insert 5/32" T-handle Hex Wrench through the hole in the Conceal Star Driver Tool and the Conceal Terminal. Engage the 5/32" T-Handle Wrench into the mating hex end of the Conceal Terminal (Figure 10a). Then, align and fully seat Conceal Star Driver tool into the star pattern on the Conceal Receiver.



### STEP 11

Tension the cable by slowly rotating the ratcheting box wrench clockwise, while holding the 5/32" T-Handle Hex Wrench in a fixed position (*take care to avoid overtensioning cables*).



### STEP 12

Once the desired cable tension is reached, the Conceal Caps can be placed into the Conceal Terminal and the Conceal Quick-Connect® (*the rubber O-ring on the Conceal Cap may require lubrication, ie: soapy water*).

After performing steps 1-12 for the top and bottom cables, repeat for the remaining cables.