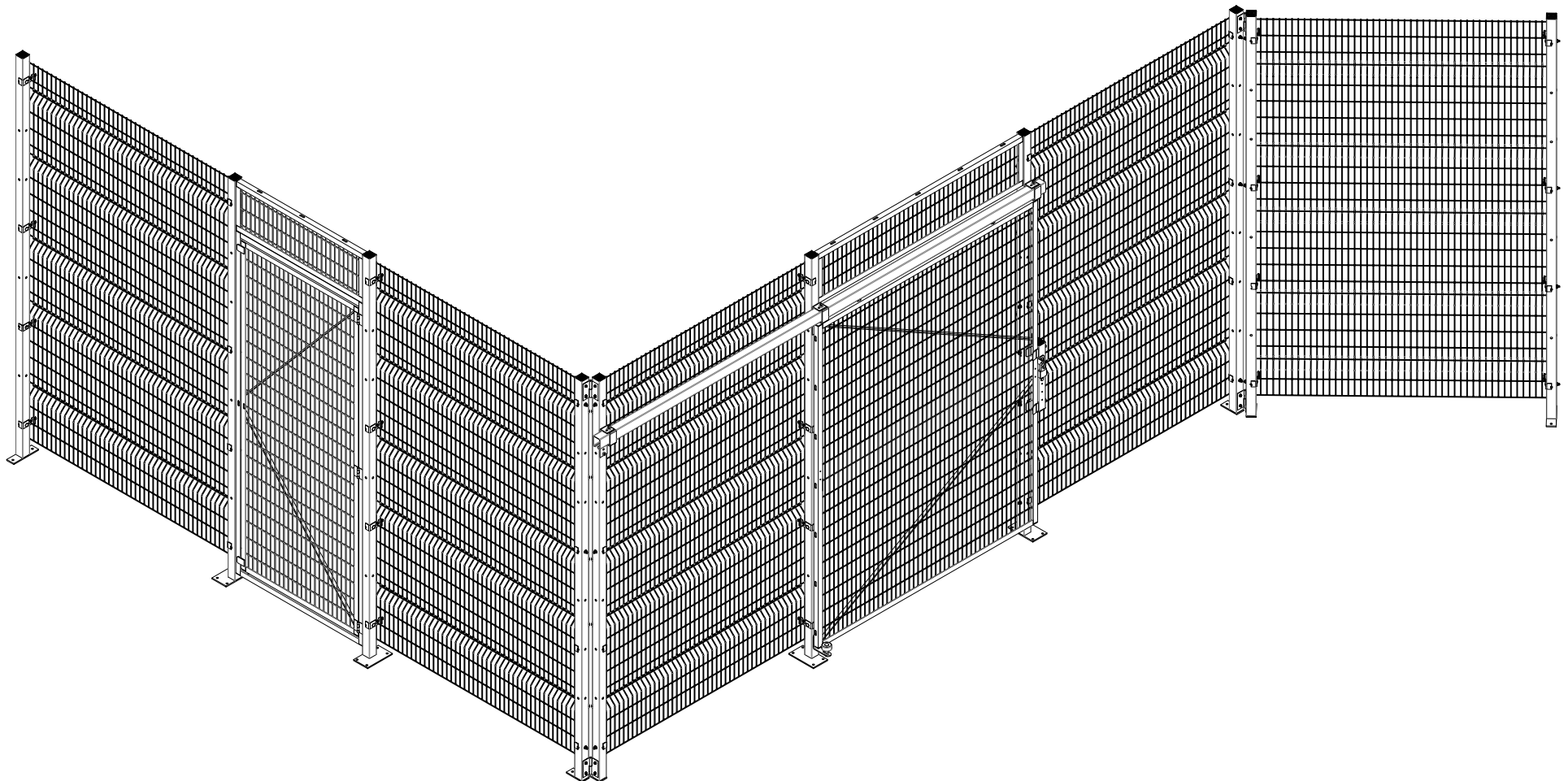


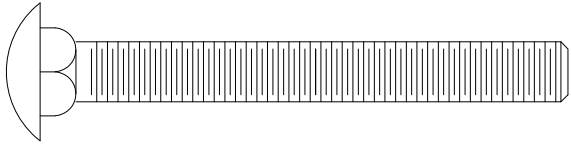
# STANDARD INSTALLATION INSTRUCTIONS



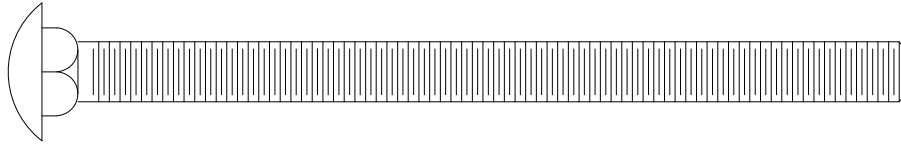
ROBOTIC  
AUTOMATION  
GUARDING  
EVOLVED



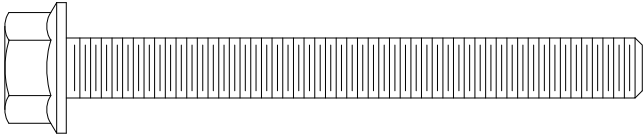
# HARDWARE



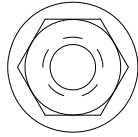
Carriage Bolt 5/16" X 2-3/4"



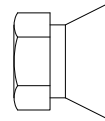
Carriage Bolt 5/16" X 4-1/2"



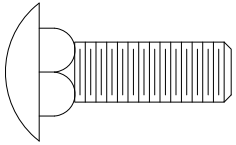
Hex Head Bolt 5/16" X 3"



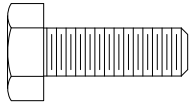
Flanged Hex Nut 5/16"



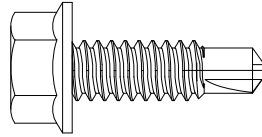
Breakaway Nut 5/16"



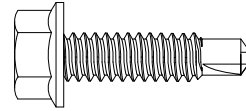
Carriage Bolt 5/16" X 1"



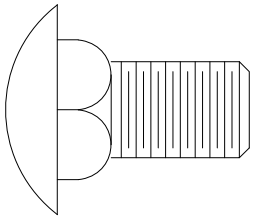
Hex Head Bolt 5/16" X 3/4"



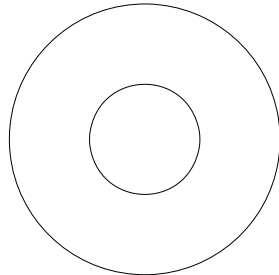
Self Tapping Screw 5/16" X 1"



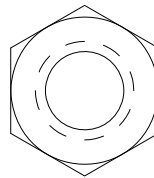
Self Tapping Screw 1/4" X 1"



Carriage Bolt 1/2" X 1"

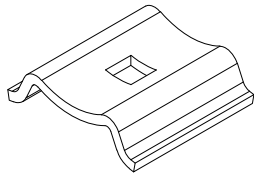


Flat Washer 1/2"

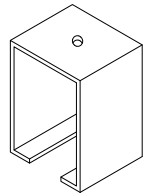


Hex Nut 1/2"

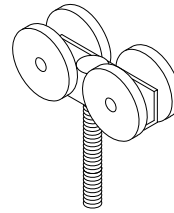
# HARDWARE (NOT TO SCALE)



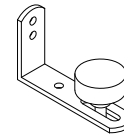
Track Clamp



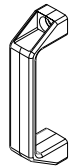
Track Bracket



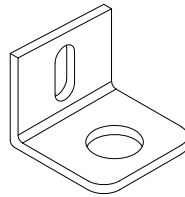
4 Wheel Trolley



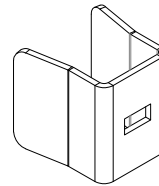
585 Stay roller



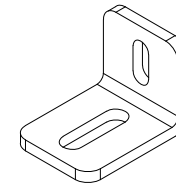
Plastic Pull Handle



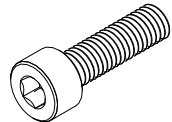
Padlock Hasp



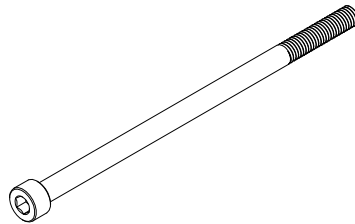
Slide Guide Bracket



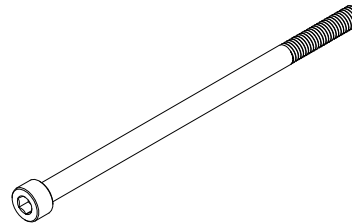
Angle Clip



5mm x 18mm screw



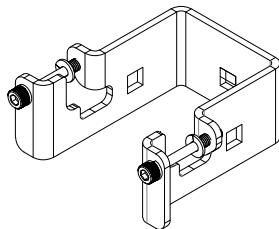
5mm x 100mm bolt



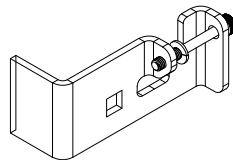
5mm x 150mm bolt



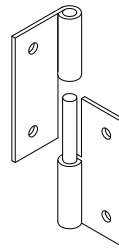
M5 Flanged Hex nut



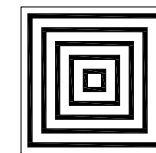
Full bracket



Half Bracket



Hinge set



2" Post Cap

# PG 4 IN LINE CONNECTIONS

**3 BRACKETS FOR 6' & 7' SYSTEMS**

**4 BRACKETS FOR 8' SYSTEMS**

1. Bolt Top Bracket to Starting Posts using  $\frac{5}{16}$ " x 2-3/4" Carriage Bolt & Flanged Hex Nuts

2. Appropriately anchor first/starter post to floor Based on site conditions. Cavities.

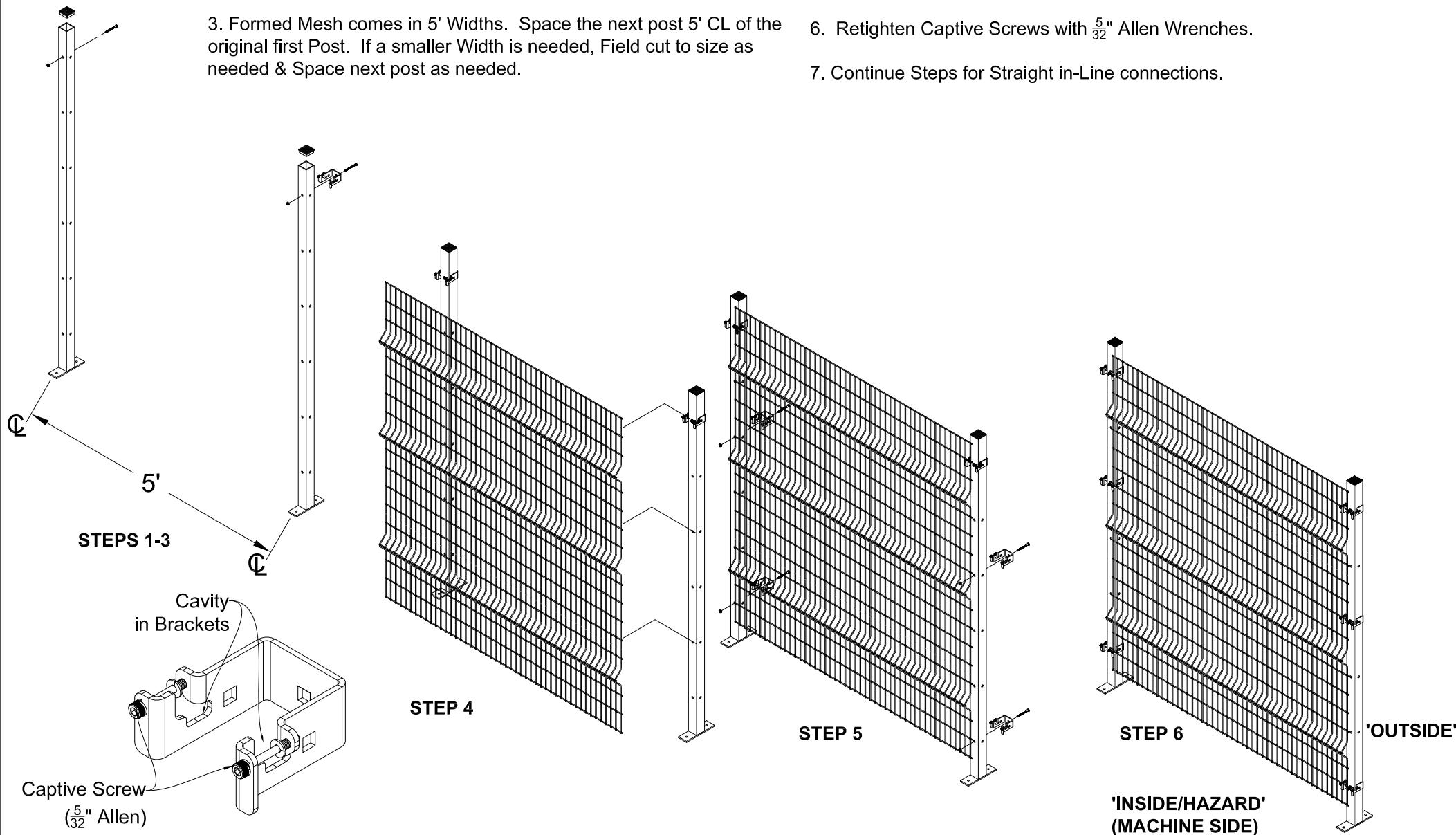
3. Formed Mesh comes in 5' Widths. Space the next post 5' CL of the original first Post. If a smaller Width is needed, Field cut to size as needed & Space next post as needed.

4. Loosen Captive screws With  $\frac{5}{32}$ " Allen Wrench on the top brackets. Hang mesh from an available horizontal wire to the brackets. Wire sits inside of Channel Cavity in Bracket. Let mesh hang loosely from top Bracket.

5. Attach additional brackets to posts (see above Schedule for Qty), loosen Captive Screws and let Horizontal wires sit inside of Bracket Cavities.

6. Retighten Captive Screws with  $\frac{5}{32}$ " Allen Wrenches.

7. Continue Steps for Straight in-Line connections.



# PG 5 CORNER CONNECTIONS

**ADJUSTABLE HINGE KITS PROVIDED FOR ALL STANDARD CORNER CONNECTIONS.**

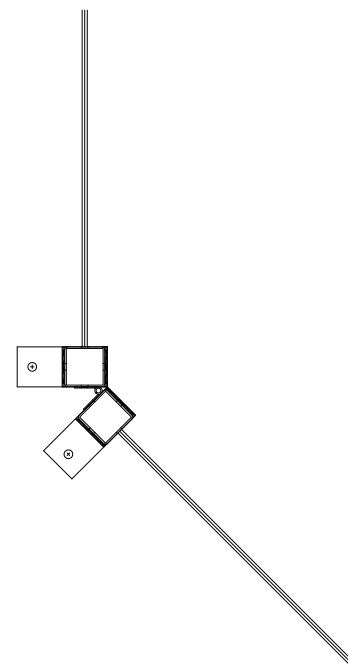
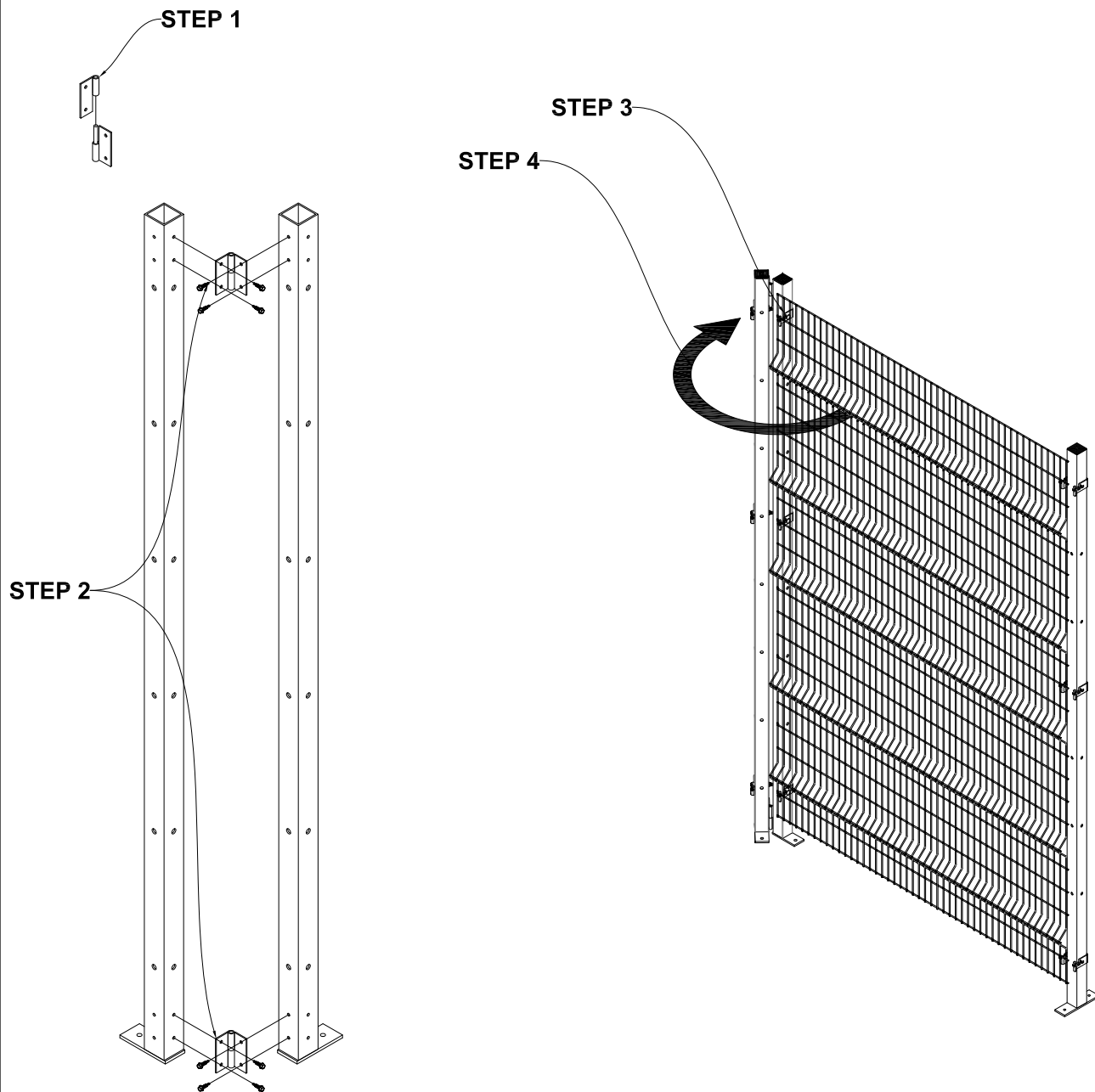
1. Assemble 2 sets of hinge leaves by sliding pin into open knuckles.

2. Self tap hinges to posts with  $\frac{1}{4}$ " x 1" Self Tap screws. Pilot holes @ top & bottom of post are provided.

3. Bolt half leaf brackets to pivoting posts. Hang mesh from bracket leaves as in-line connections.

4. Adjust angle of pivot post as needed.

5. Continue Run as needed.



# PG 6 FULL HEIGHT SWING DOOR CONNECTIONS

AVAILABLE ONLY IN 7' HEIGHTS.

NOTE: DOOR POSTS HAVE 4X7 OFFSET BASE PLATES

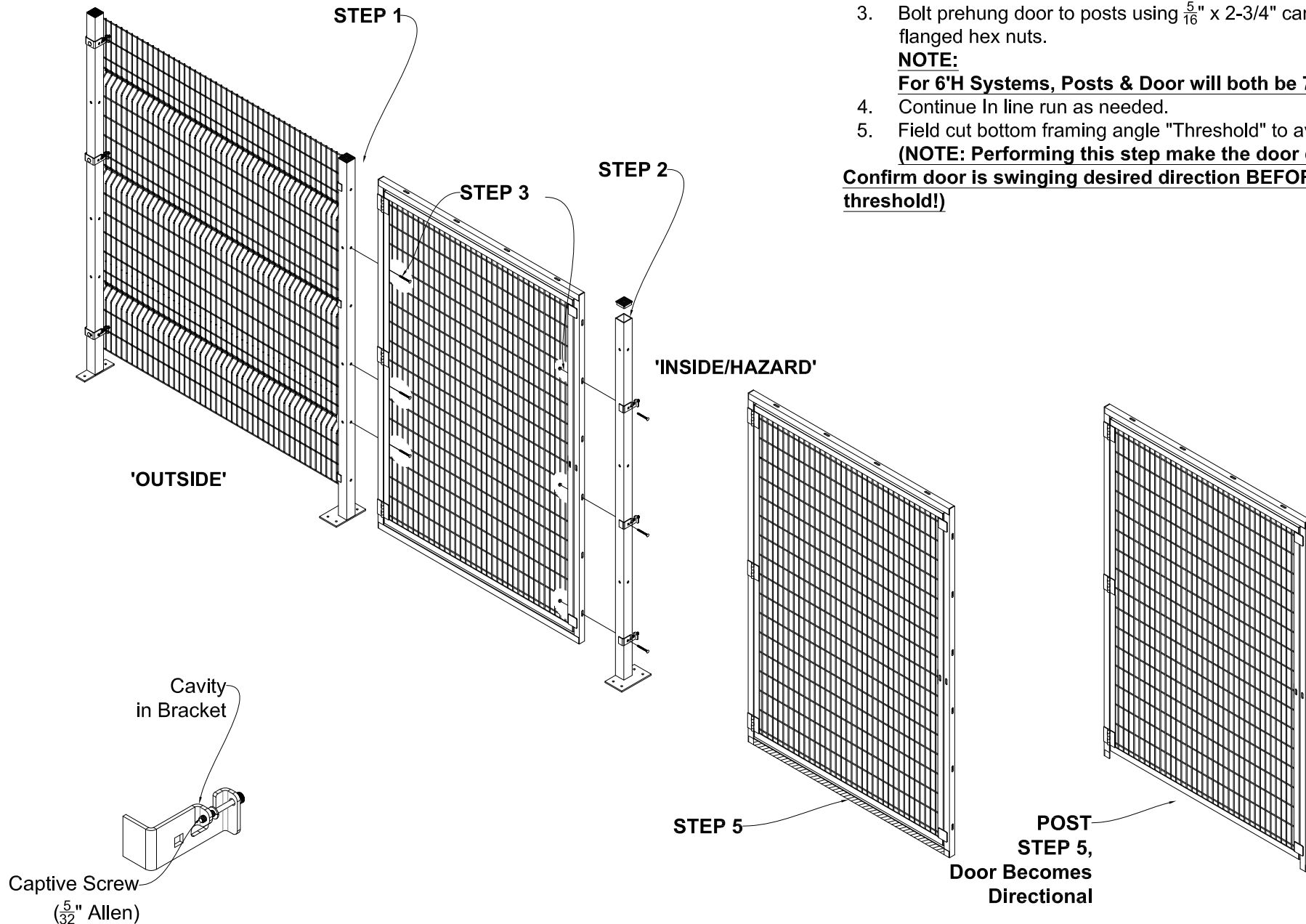
1. Start at an end of a line connection that is already assembled. Use posts with 4x7 Bases for door posts (face bases away from door opening shown below). Use half brackets on this post.
2. Bolt half brackets to non assembled line post using  $\frac{5}{16}$ " x 2-3/4" carriage bolts & flanged hex nuts.
3. Bolt prehung door to posts using  $\frac{5}{16}$ " x 2-3/4" carriage bolts & flanged hex nuts.

**NOTE:**

**For 6'H Systems, Posts & Door will both be 7'H.**

4. Continue In line run as needed.
5. Field cut bottom framing angle "Threshold" to avoid trip hazards.  
**(NOTE: Performing this step make the door directional.**

**Confirm door is swinging desired direction BEFORE cutting threshold!)**



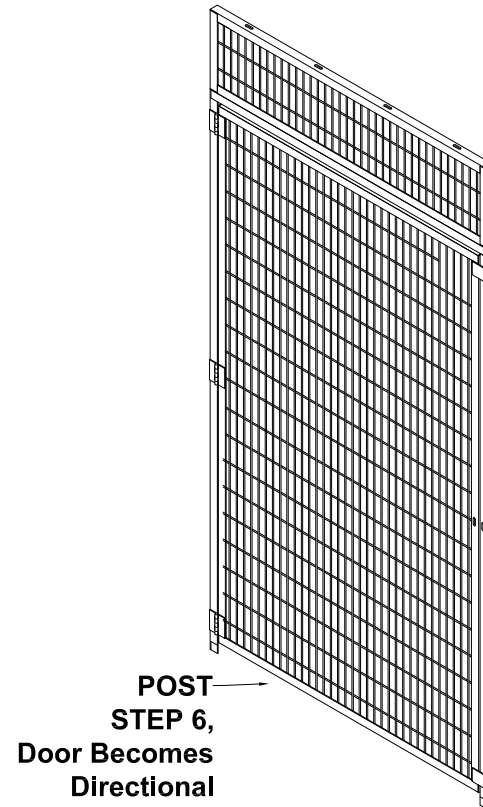
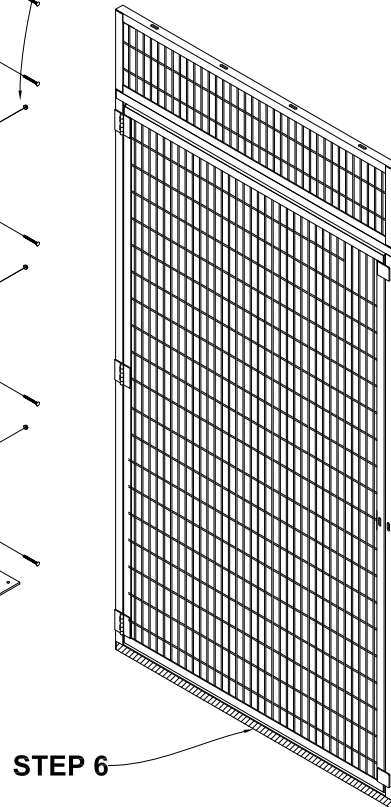
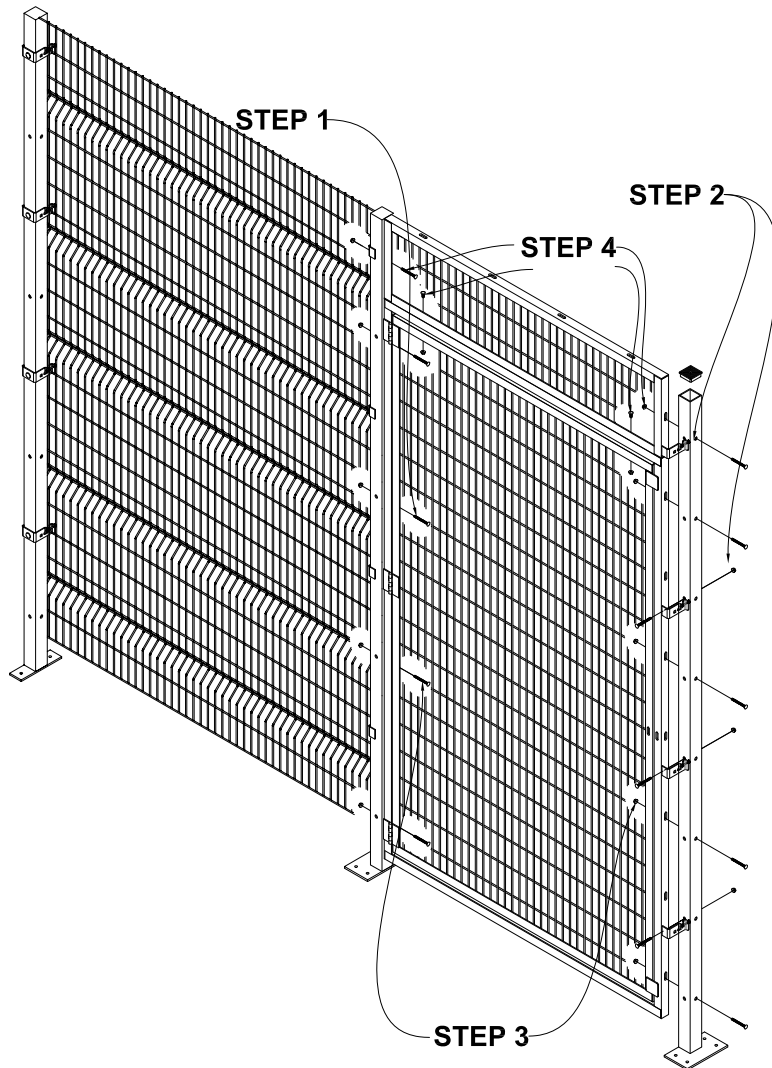
# PG 7 TRANSOM/HEADER CONNECTIONS

AVAILABLE ONLY IN 7' DOOR HEIGHTS.

NOTE: DOOR POSTS HAVE 4X7 OFFSET BASE PLATES

1. Start at an end of a line connection that is already assembled. Use posts with 4x7 Bases for door posts. Use half brackets on this post.
2. Bolt brackets to non assembled line post using  $\frac{5}{16}$ " x 2-3/4" Carriage Bolts & Flanged Hex Nuts. \*Alternate the connection direction for the top Bracket to in line (For later use with Transom).
3. Bolt prehung door to posts using  $\frac{5}{16}$ " x 2-3/4" carriage bolts & flanged hex nuts.
4. Bolt transom to adjacent posts using  $\frac{5}{16}$ " x 2-3/4" carriage bolts & flanged hex nuts.  
Bolt transom to top of door using  $\frac{5}{16}$ " x 1" carriage bolts & flanged hex nuts.
5. Continue in line run as needed.
6. Field cut bottom framing angle "Threshold" to avoid trip hazards.

**(NOTE: Performing this step make the door directional. Confirm door is swinging desired direction BEFORE cutting threshold!)**

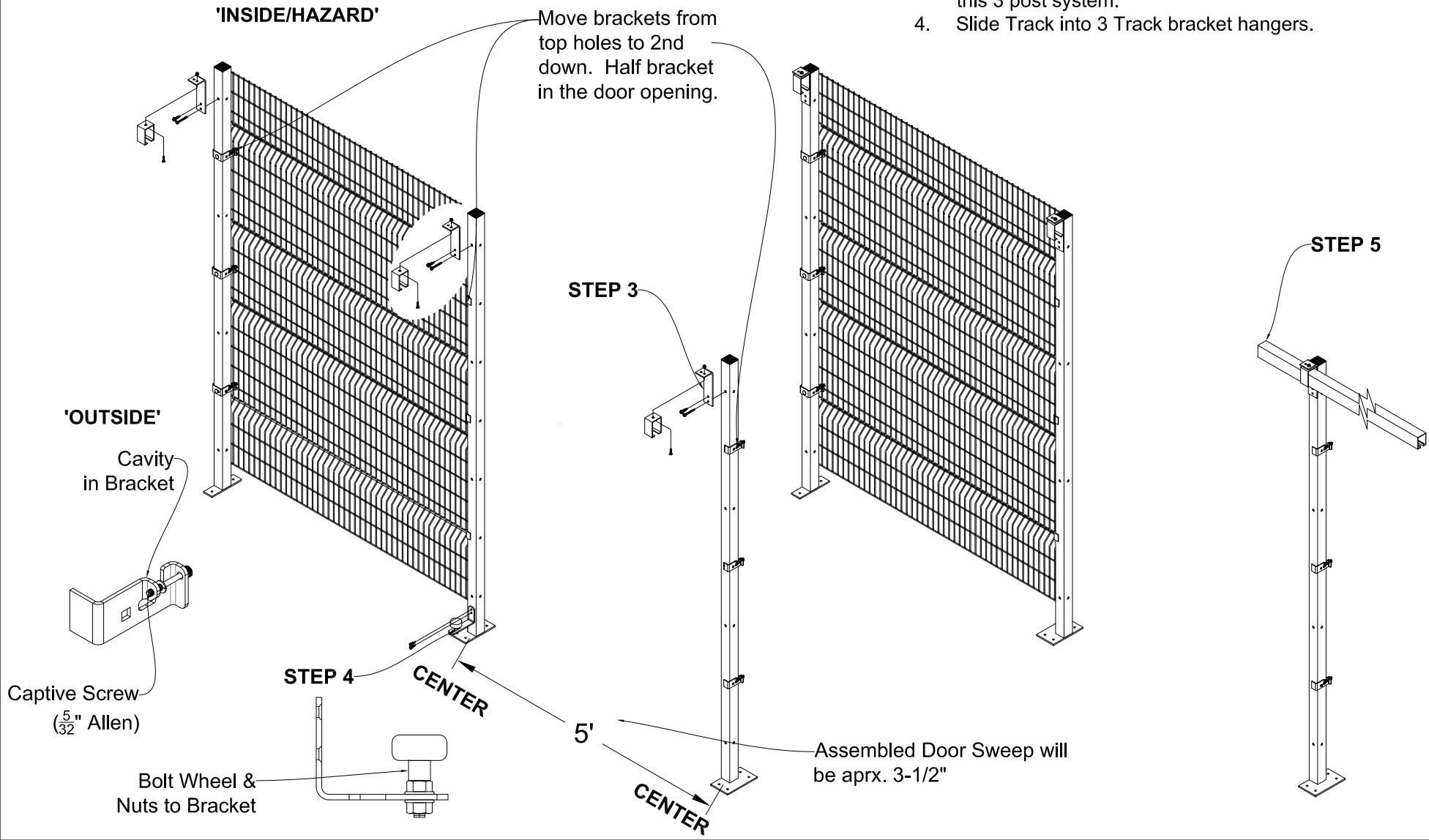


# PG 8 SLIDE DOOR (FULL HEIGHT) CONNECTIONS

AVAILABLE ONLY IN 7' DOOR HEIGHTS.

NOTE: DOOR POSTS HAVE 4X7 OFFSET BASE PLATES

1. Start at an end of a line connection that is already assembled. Use posts with 4x7 Bases for door posts (Face bases away from door opening as shown).
2. Bolt C-Shaped Track holder to L-Shaped bracket using  $\frac{5}{16}$ " x 1" Carriage Bolts and Flanged Hex nuts. Bolt Brackets to post using bottom hole in bracket Using  $\frac{5}{16}$ " x 3" Hex Head Bolts. Self Tap top hole to pin in place.
3. Assemble 585 Roller & Self tap 585 Stay roller guide to post approximately 3" Above finished floor. Post should be center in this 3 post system.
4. Slide Track into 3 Track bracket hangers.

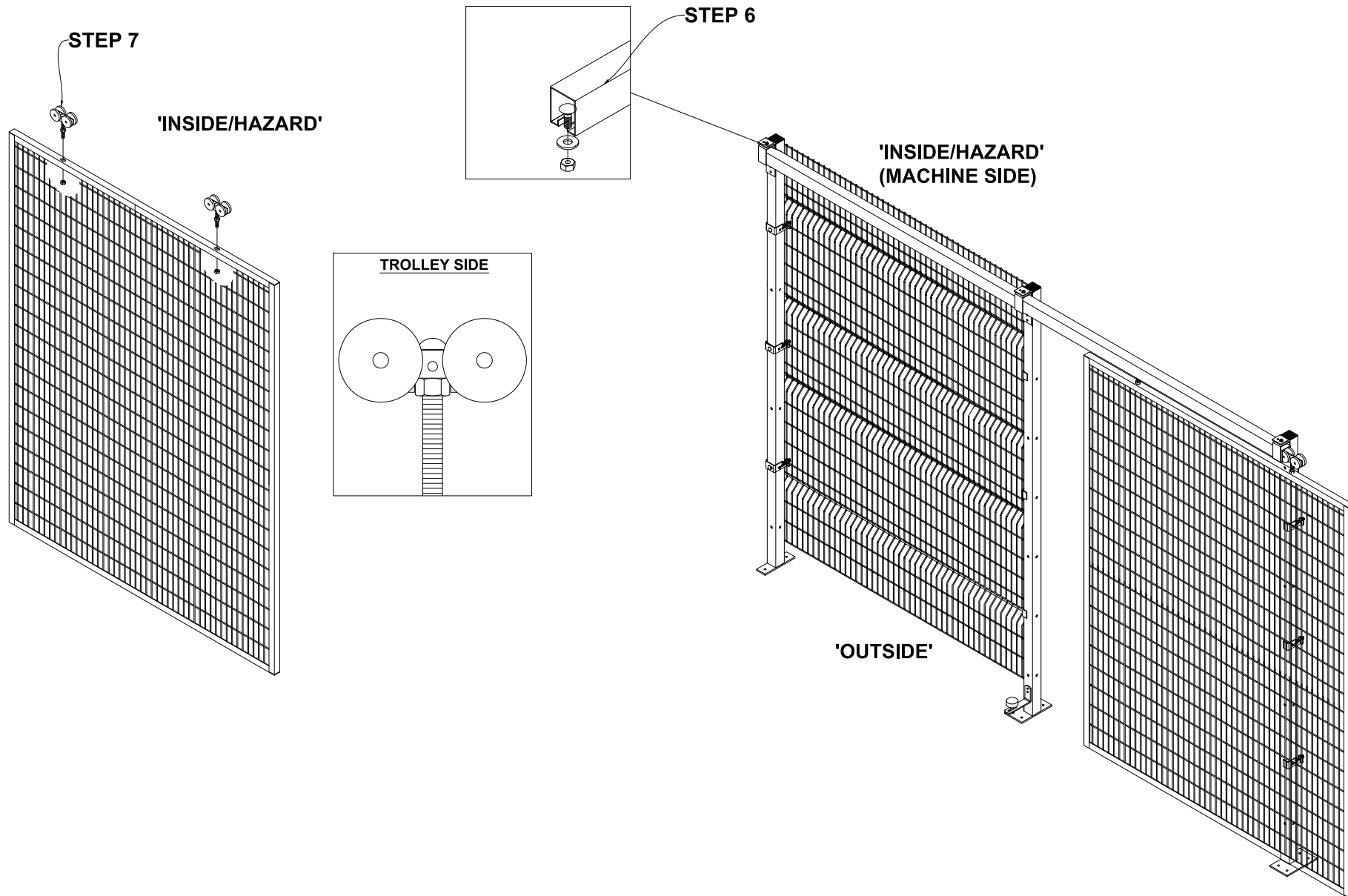




# PG 9 SLIDE DOOR (FULL HEIGHT) CONNECTIONS

AVAILABLE ONLY IN 7' DOOR HEIGHTS.

6. Create an end stop (at the end of track the door Slides to open) using  $\frac{1}{2}$ " x 1-1/4" Carriage bolt,  $\frac{1}{2}$ " washer &  $\frac{1}{2}$ " Hex nut.
7. Bolt 2 Trolleys to top of door panel.
8. Slide door into Track

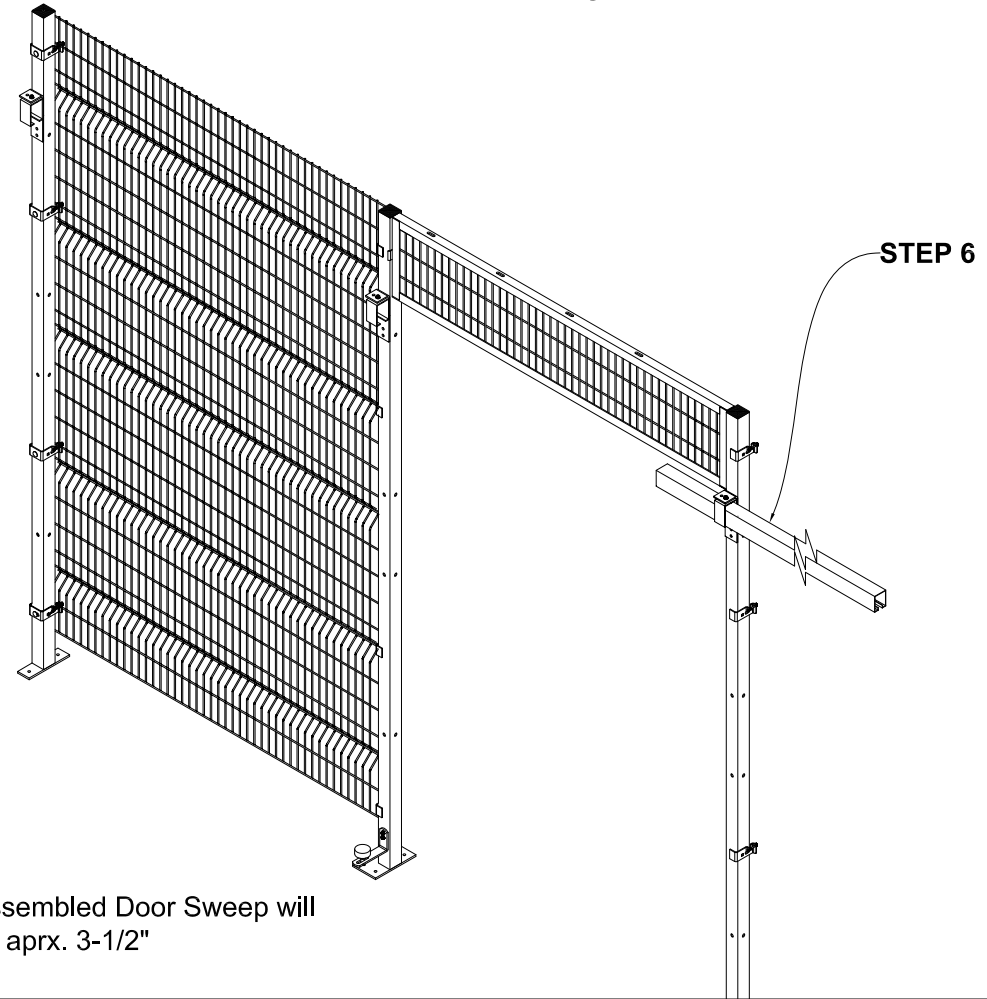
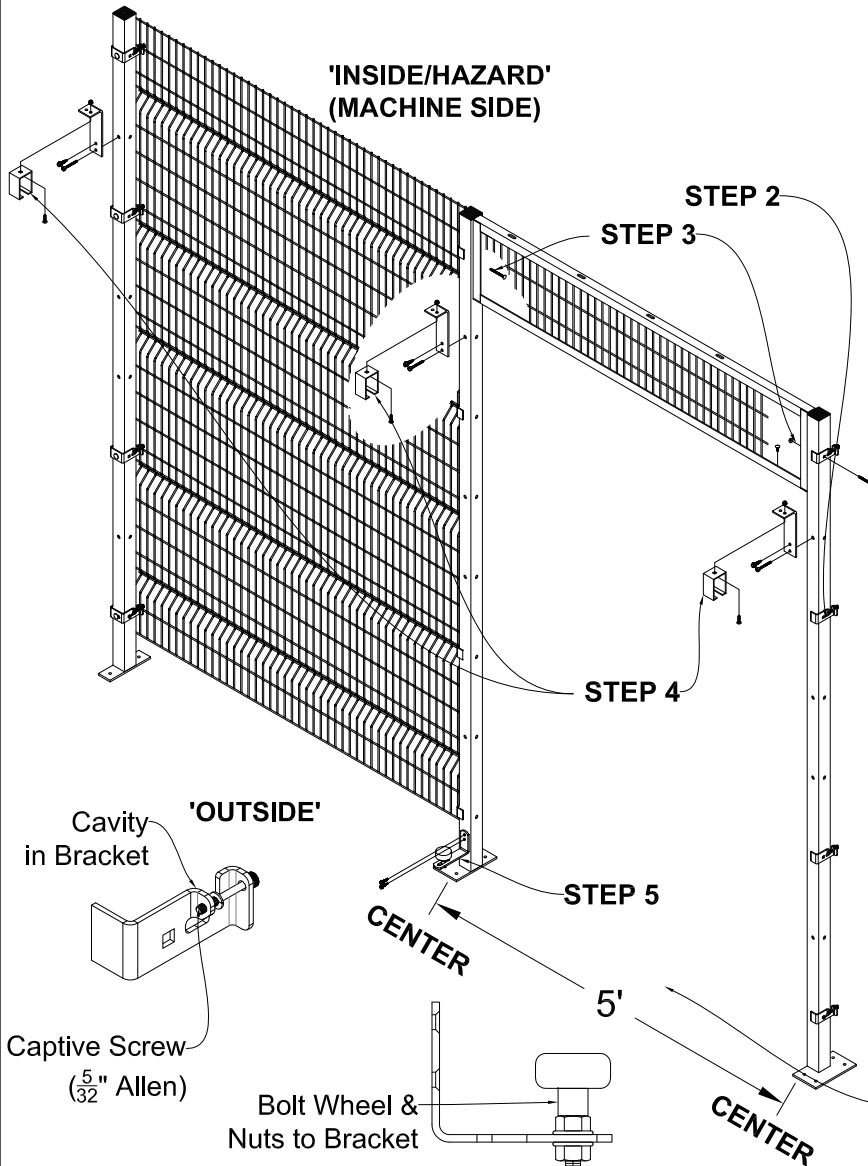


# PG 10 SLIDE DOOR (TRANSOMED) CONNECTIONS

AVAILABLE ONLY IN 7' DOOR HEIGHTS.

NOTE: DOOR POSTS HAVE 4X7 OFFSET BASE PLATES

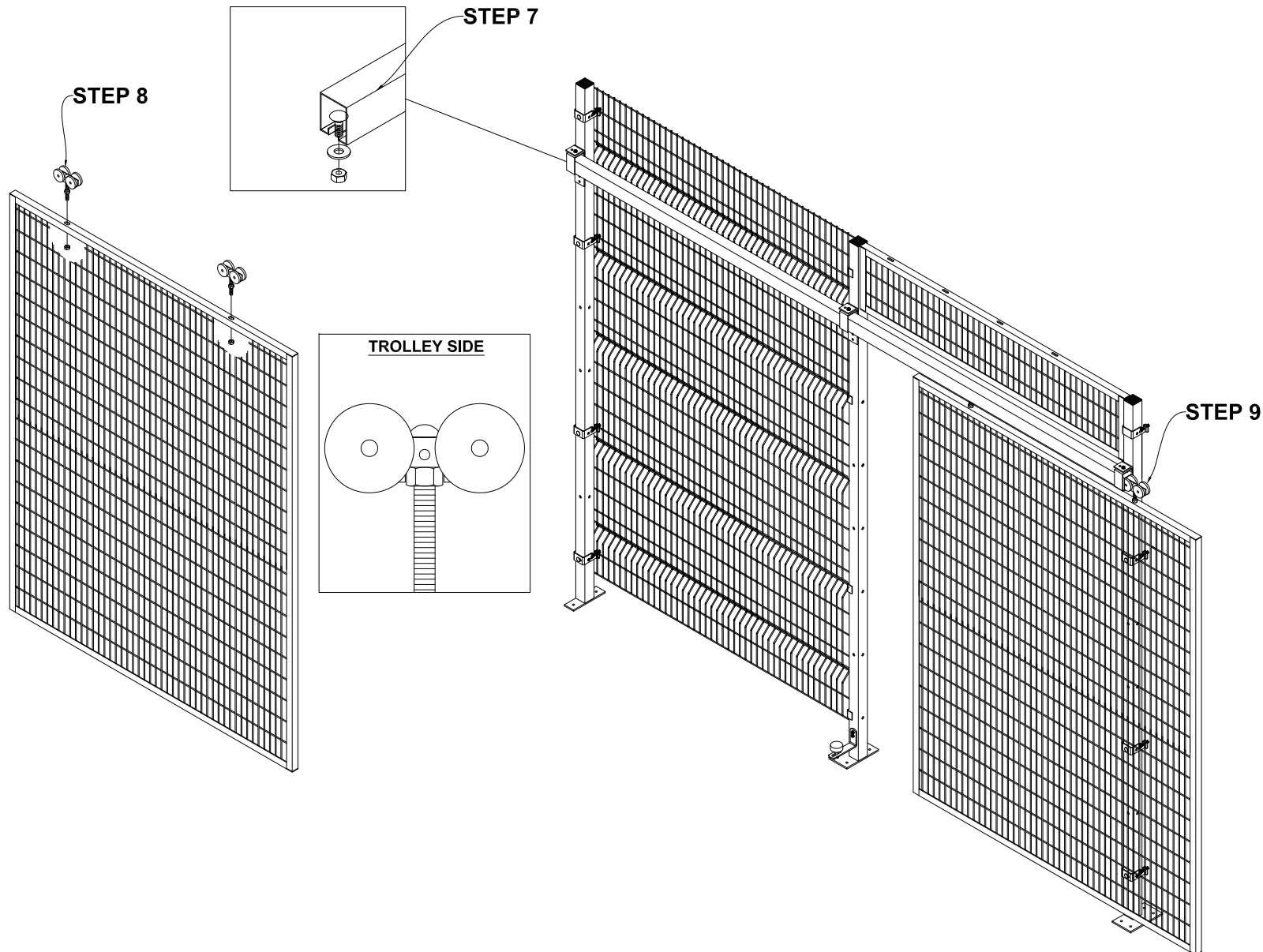
1. Start at an end of a line connection that is already assembled. Use posts with 4x7 bases for door posts (Face bases away from door opening as shown). Use half brackets on this post.
2. Bolt brackets to non assembled line post using  $\frac{5}{16}$ " x 2-3/4" carriage bolts & flanged hex nuts. \*Alternate the connection direction for the top bracket to in line (For later use with Transom).
3. Bolt transom to adjacent posts using  $\frac{5}{16}$ " x 2-3/4" carriage bolts & flanged hex nuts. post centerline spacing should be approximately 5'  $\frac{1}{4}$ ".
4. Bolt 4.2C track holder to L-Shaped bracket using  $\frac{5}{16}$ " x 1" carriage bolts and flanged hex nuts. Bolt brackets to post using bottom hole in bracket Using  $\frac{5}{16}$ " x 3" Hex Head bolts. Self tap top hole to pin in place with  $\frac{5}{16}$ " x 1" Self tap.
5. Assemble 585 Roller & Self tap ( $\frac{5}{16}$ " x 1" Self tap) 585 stay roller guide to post approximately 3" above finished floor. Post should be center in this 3 post system.
6. Slide track into 3 Track bracket hangers.



# PG 11 SLIDE DOOR (TRANSOMED) CONNECTIONS

AVAILABLE ONLY IN 7' DOOR HEIGHTS.

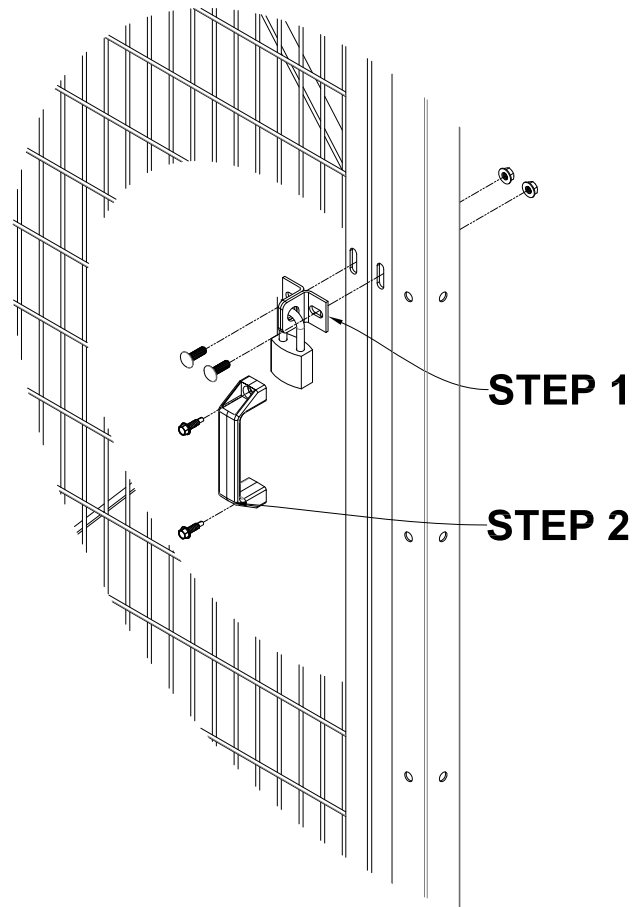
7. Create an end stop(at the end of track the door Slides to open) using  $\frac{1}{2}$ " x 1-1/4" Carriage bolt,  $\frac{1}{2}$ " washer &  $\frac{1}{2}$ " Hex nut.
8. Bolt 2 4-Wheel Trolleys to top of door panel.
9. Slide door into Track



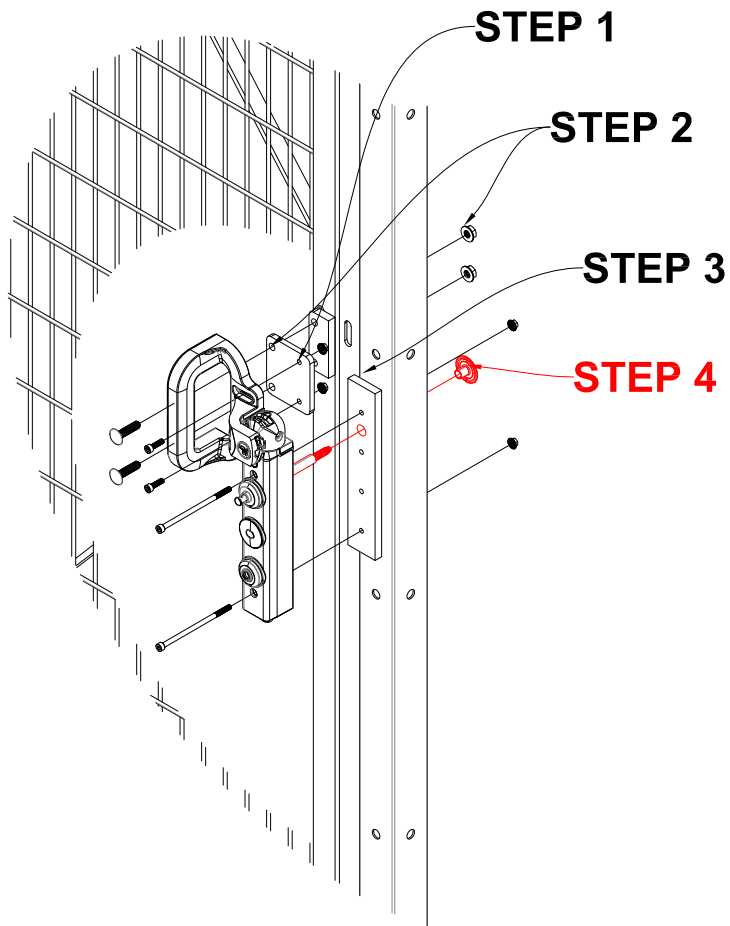
# PG 12 HINGE DOOR LOCKING OPTIONS

## PADLOCK ARRANGEMENT

1. Bolt 2 Padlock Hasps to to Door panel and Door frame using  $\frac{5}{16}$ " x 1" Carriage bolts & Flanged Hex nuts
2. Self tap Plastic Pull Handle to Door panel @ desired location with  $\frac{1}{4}$ " x 1" Self tap screws.



# PG 13 HINGE DOOR LOCKING OPTIONS



## Fortress Interlock System

**Note before starting: DO NOT break tamper resistant nuts until interlock is latching correctly in case adjustments are needed.**

1. Bolt Fortress Handle to plate with 5mm x 18mm Screw and m5 Flanged Hex nut.
2. Bolt Handle/plate assembly to Spacer & Door panel. (Field drill one hole in Door panel) using  $\frac{5}{16}$ " x  $\frac{4}{3}$  flanged hex bolts and flanged hex nuts.
3. Bolt Interlock head to spacer plate & Post. (Field Drill post to accept hardware, 2 5mm x 100 mm bolts and m5 flanged hex nuts)
4. If internal release is option, field drill post & spacer plate to accept stem and threaded rod.

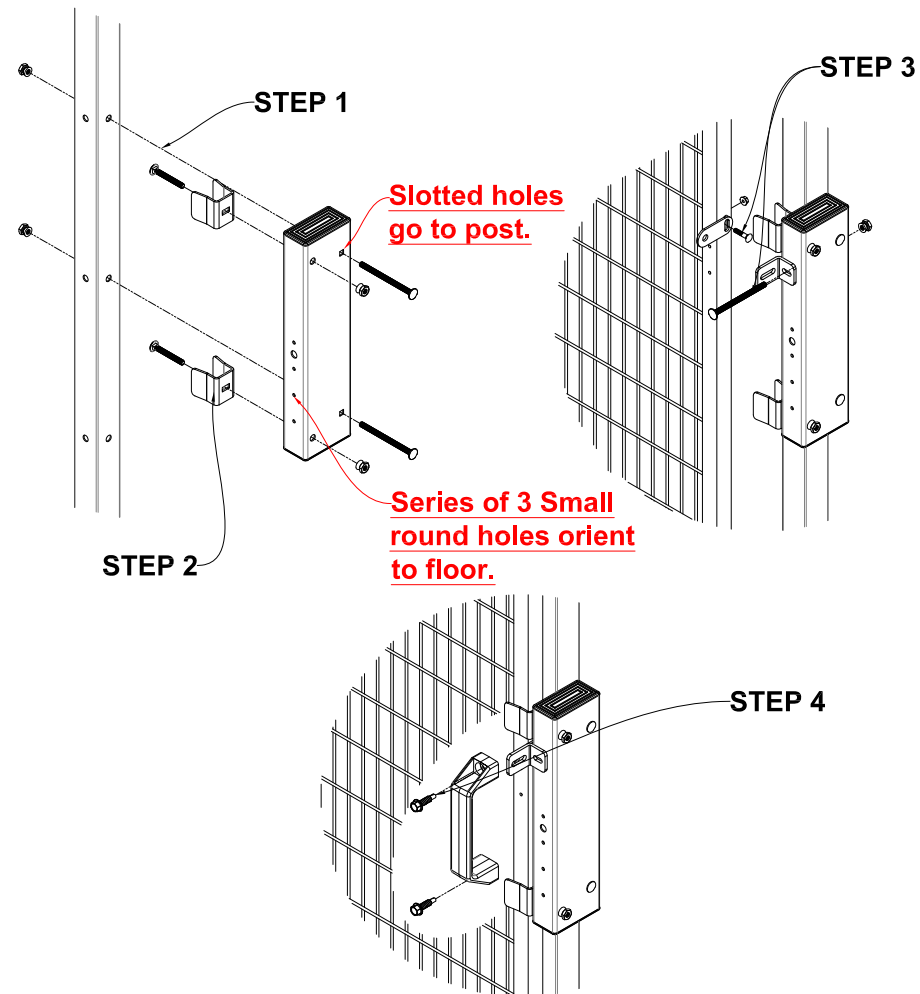
# PG 14 SLIDE DOOR LOCKING OPTIONS

## PADLOCK ARRANGEMENT

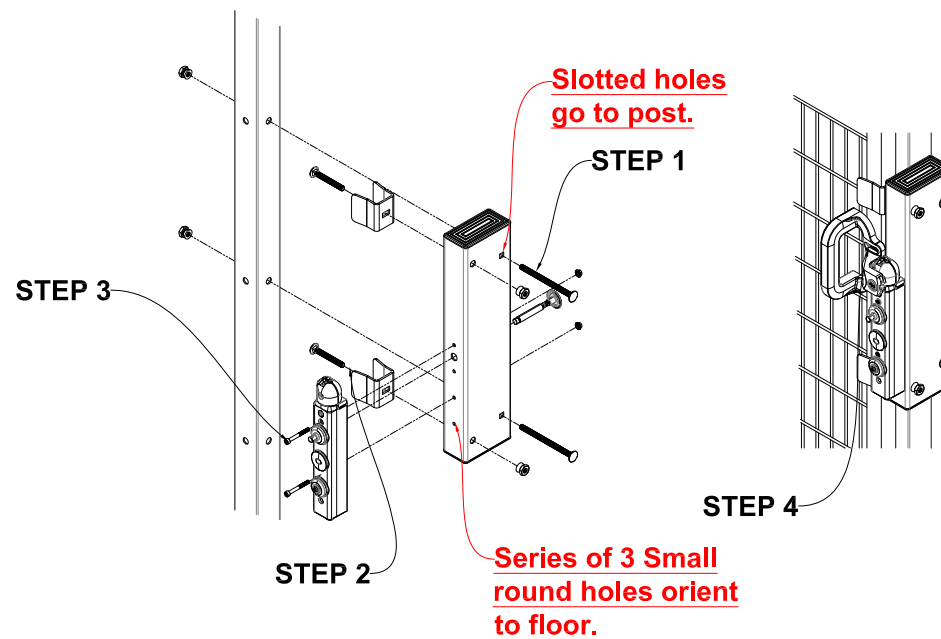
1. Bolt 2x4 Tube to Post using  $\frac{5}{16}$ " x 4-1/2" bolts Carriage & Breakaway nuts.

**Note: orientation is critical to proper function**  
**See 2 adjacent notes for orientation.**

2. Bolt Slide Guide Bracket to 2x4 Tube with  $\frac{5}{16}$ " x 2-3/4" Carriage Bolts & Breakaway nuts.
3. Bolt angle clip to 2x4 tube using  $\frac{5}{16}$ " x 4-1/2" Carriage Bolts & Breakaway nuts.  
Bolt 3" Lug to end of door using  $\frac{5}{16}$ " x 1" Carriage Bolt and flanged hex nut.
4. Self tap Plastic Pull Handle to Door panel @ desired location with  $\frac{1}{4}$ " x 1" Self tap screws.



# PG 15 SLIDE DOOR LOCKING OPTIONS



## Fortress Interlock System

**Note before starting: DO NOT break tamper resistant nuts until interlock is latching correctly in case adjustments are needed.**

1. Bolt 2x4 Tube to Post using  $\frac{5}{16}$ " x 4-1/2" bolts Carriage & breakaway nuts.

**Note: orientation is critical to proper function See 2 adjacent notes for orientation.**

2. Bolt Slide Guide Bracket to 2x4 Tube with  $\frac{5}{16}$ " x 2-3/4" Carriage bolts & Breakaway nuts.
3. Bolt Fortress Interlock head to 2x4 Tube using 5mm x 150mm screws and M5 flanged hex nuts.
4. Drill & bolt Interlock handle to door frame @ height of tube install using 5mm x 18mm screws and M5 flanged Hex nuts.

# HEADER CONNECTIONS

AVAILABLE ONLY IN 7' DOOR HEIGHTS.

1. Locate and telescope SSR & SRI tube headers into each other.
2. Drop tube headers into vertical posts. Self-Tap tubes together.
3. Swing door is shown, but identical application if slide door is used.

**Note this will add minimum of 1-1/2" to Height @ this location.**

