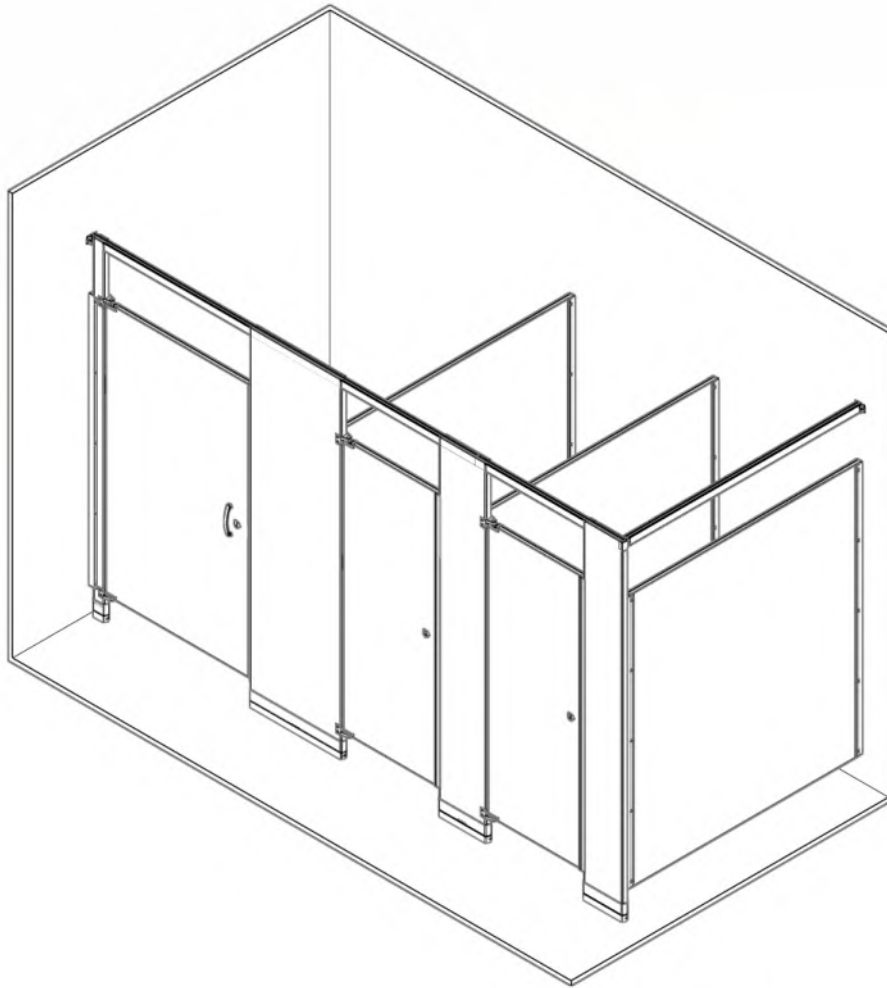**Installation Manual** for Metal Toilet Partitions – Elite, Elite Plus & Elite Max Series

5999ELT-INSTRUCTION

Table of Contents (select step to go to page)

General Notes

The following installation instructions are based on headrail braced compartments in the most common unit arrangement. Other arrangements will be encountered, i.e. units contained between two walls or between two free-standing panels. For details on ceiling hung and floor to ceiling connections, refer to the appendix. Always adhere to applicable building codes.

Ceiling hung and floor to ceiling toilet partitions require an overhead structural member (normally a channel). This member is supplied, installed and drilled by others. Stud assemblies are available from Hadrian, but Hadrian does not install them. Stud assemblies should be in place prior to application of finished ceiling.

FINAL LAYOUT DRAWINGS. For dimensional information, refer to your plan layout and dimensional details. Note in particular the relationship of the panels to the pilasters (panels do not necessarily fall on the center line of the pilaster).

Recommended Safety Equipment

Safety Glasses   Safety Gloves   Safety Shoes   Hard Hat

Tools Required

4 ft. level
Chalk line
Tape Measure
Hammer
Hammer drill
5/16" (8mm) masonry bit
Miscellaneous drill bits, including 4mm (5/32" & 8mm (5/16")
6mm (1/4") masonry bit
11mm (7/16") & 13mm (1/2") wrench
Miscellaneous screw driver bits
Adjustable wrench
Hacksaw
318mm (12") shim block to rest panels on for easier installation
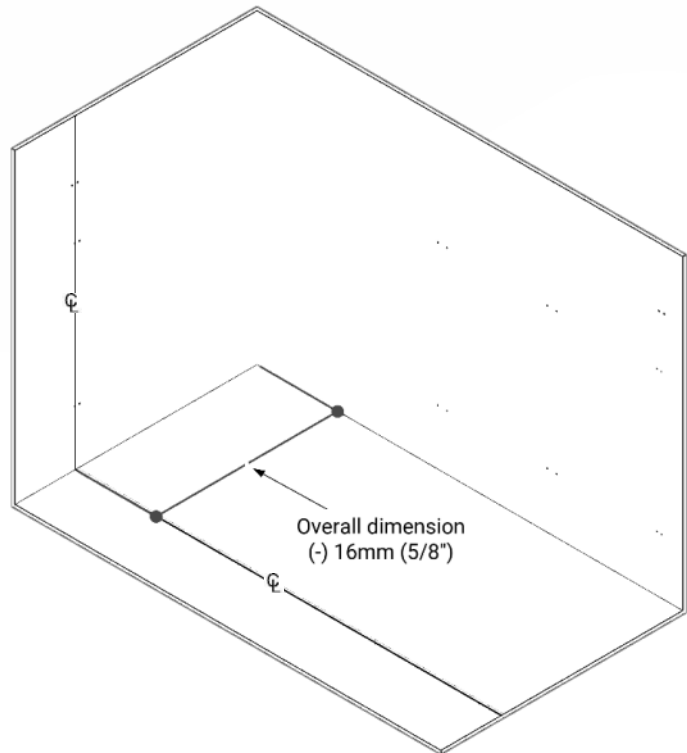6-lobe security driver bits
"C" Clamp

STEP 1 : Establish Floor Bracket Locations

Establish the front centerline by taking the overall compartment dimension and deducting 16mm (5/8").

Use final layout drawings to determine locations.

See page 16 for Alcove Partitions instructions.

Overall dimension
(-) 16mm (5/8")

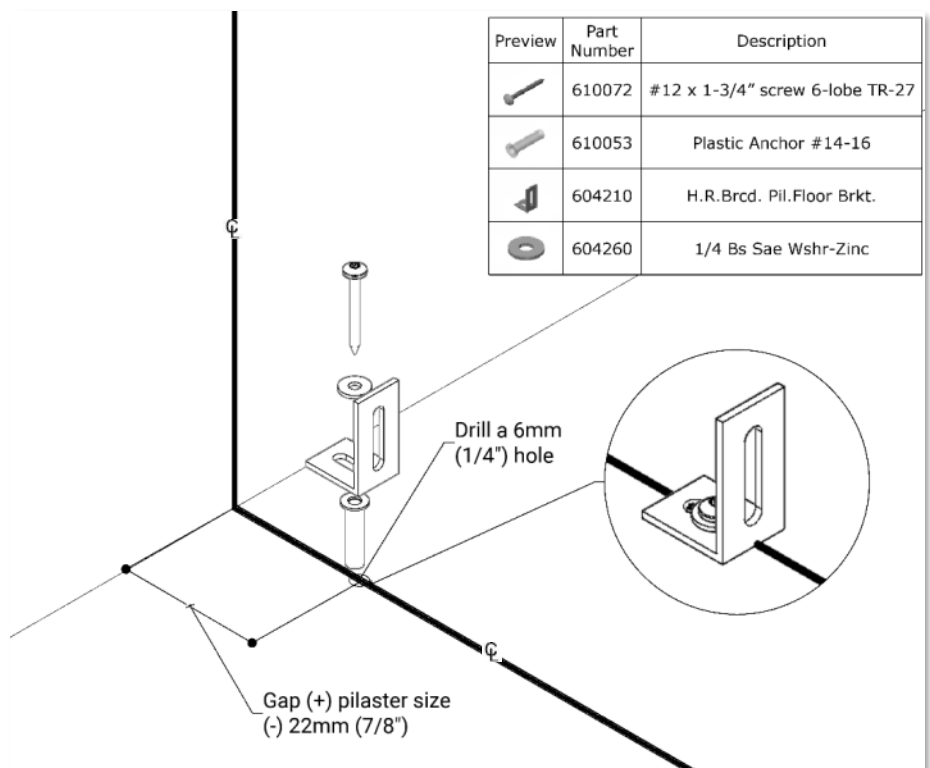**STEP 2 : Fasten Floor Brackets**

Drill holes for the floor brackets 22mm (7/8") in from edge of pilaster locations as indicated on the layout drawing.

See page 21 for ceiling hung mounted partition instructions.
See page 22 for floor mounted partition instructions.
See page 23 for floor to ceiling mounted partition instructions.
See page 24 for panel support pedestals instructions.

Preview	Part Number	Description
	610072	#12 x 1-3/4" screw 6-lobe TR-27
	610053	Plastic Anchor #14-16
	604210	H.R.Brcd. Pil.Floor Brkt.
	604260	1/4 Bs Sae Wshr-Zinc

Drill a 6mm (1/4") hole

Gap (+) pilaster size (-) 22mm (7/8")

STEP 2.1:   Fasten Floor Brackets

Follow the layout drawings for pilaster locations.

Gap (+) pilaster (+) door opening (+) 22mm (7/8")

Drill 6mm (1/4") hole

Pilaster width (-) 44mm (1 3/4")

Drill 6mm (1/4") hole
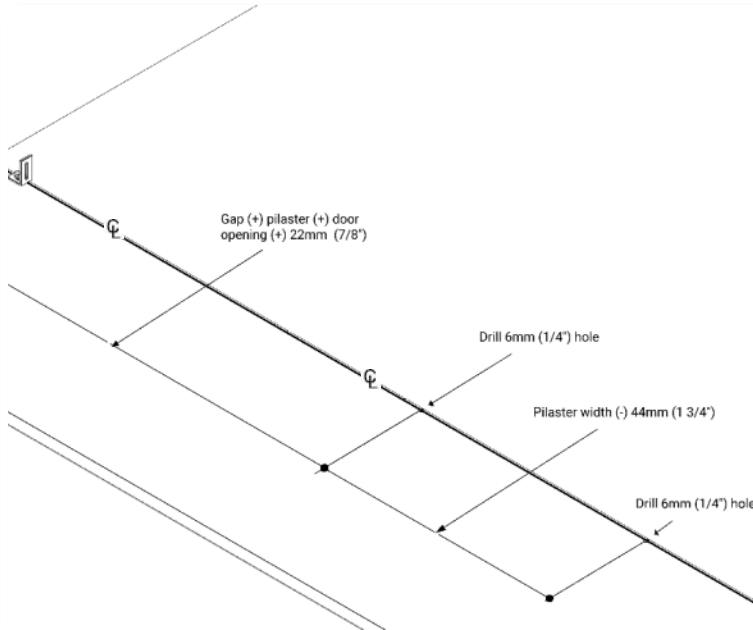
STEP 2.2:   Fasten Floor Brackets

Fasten floor brackets to the floor.

Preview	Part Number	Description
	610072	#12 x 1-3/4" screw 6-lobe TR-27
	610053	Plastic Anchor #14-16
	604210	H.R.Brcd. Pil.Floor Brkt.
	604260	1/4 Bs Sae Wshr-Zinc
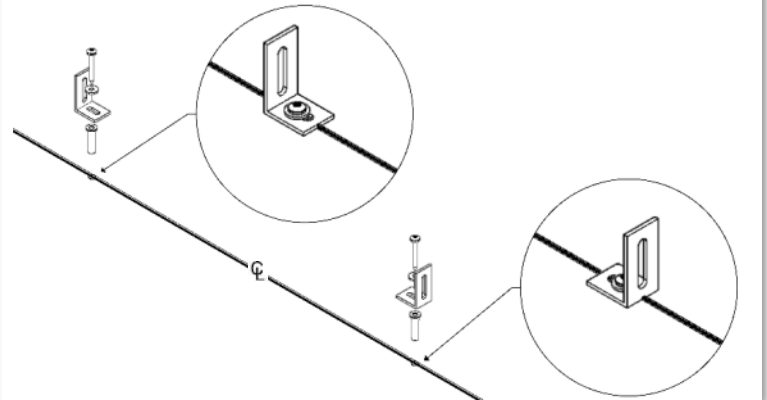
STEP 2.3 :   Fasten Floor Brackets

Follow the layout drawings for pilaster locations.

Door opening (+) 44mm (1 3/4")

Drill 6mm (1/4") hole

Pilaster width (-) 44mm (1 3/4")

Drill 6mm (1/4") hole
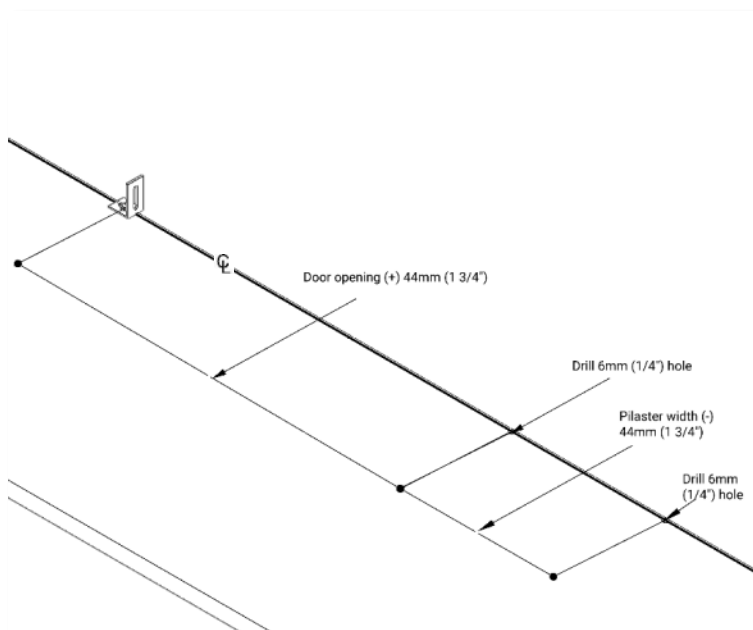
STEP 2.4:   Fasten Floor Brackets

Fasten floor brackets to the floor. Repeat steps 2.3 & 2.4 if needed.

Preview	Part Number	Description
	610072	#12 x 1-3/4" screw 6-lobe TR-27
	610053	Plastic Anchor #14-16
	604210	H.R.Brcd. Pil.Floor Brkt.
	604260	1/4 Bs Sae Wshr-Zinc
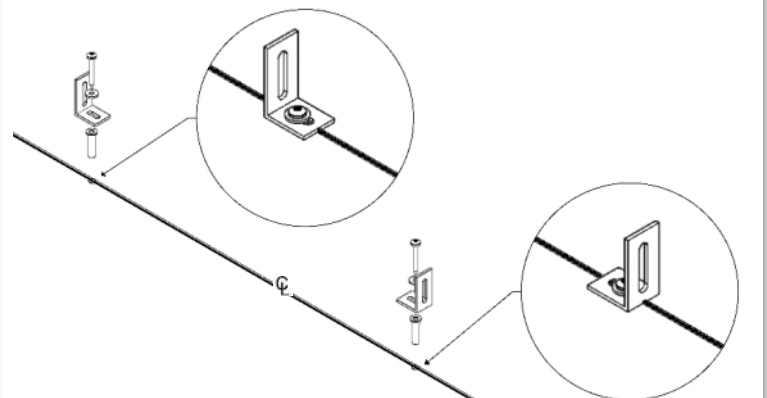
STEP 3: Erect Panel

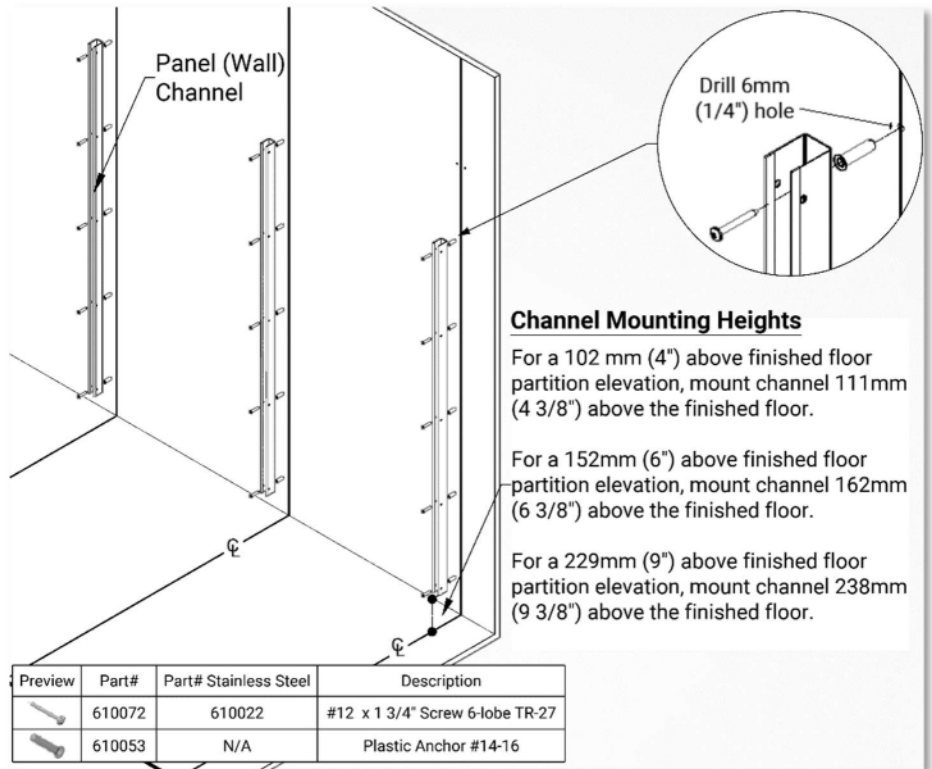Using your centerline locations, fasten continuous panel channels to wall.

For a 102mm (4") above finish floor elevation, the bottom of the channel is to be mounted 111mm (4 3/8") from the finished floor*.

For a 152mm (6") above finish floor elevation, the bottom of the channel is to be mounted 162mm (6 3/8") from the finished floor*.

For a 229mm (9") above finish floor elevation, the bottom of the channel is to be mounted 238mm (9 3/8") from the finished floor*.

Adjust based on masonry lines as necessary

See page 17 & 18 for stirrup bracket mounting instructions.

Panel (Wall) Channel

Drill 6mm (1/4") hole

Channel Mounting Heights

For a 102 mm (4") above finished floor partition elevation, mount channel 111mm (4 3/8") above the finished floor.

For a 152mm (6") above finished floor partition elevation, mount channel 162mm (6 3/8") above the finished floor.

For a 229mm (9") above finished floor partition elevation, mount channel 238mm (9 3/8") above the finished floor.

Preview	Part#	Part# Stainless Steel	Description
	610072	610022	#12 x 1 3/4" Screw 6-lobe TR-27
	610053	N/A	Plastic Anchor #14-16

STEP 3.1: Erect Panel

For a 102mm 4" above finished floor elevation, rest panel on 102mm (4") block and position the panel in the continuous channels.
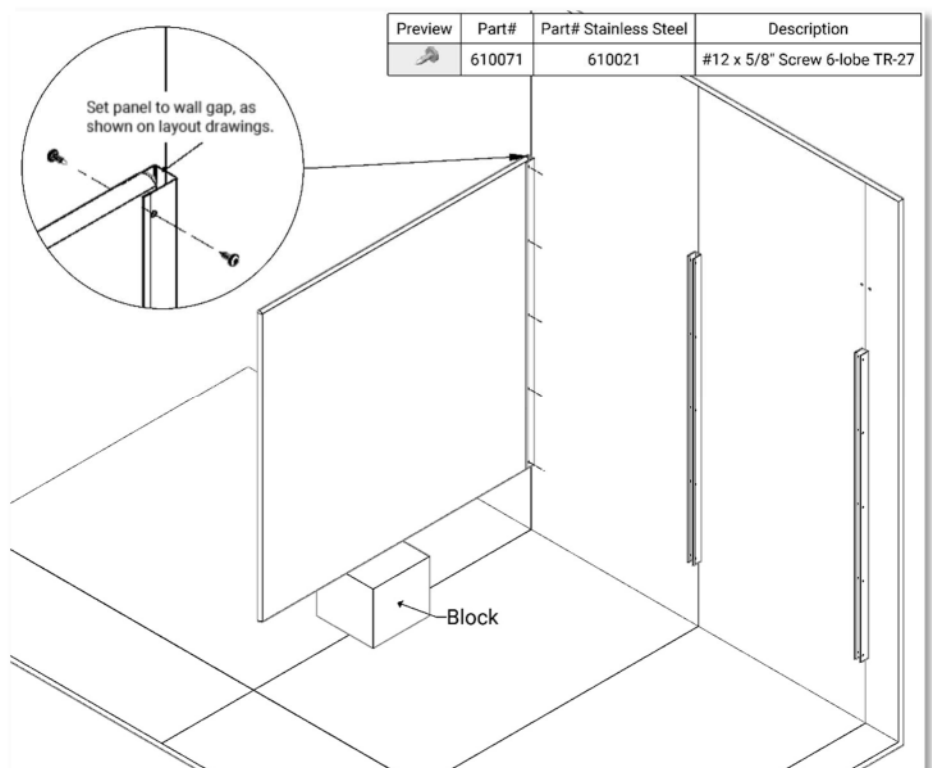
For a 152mm 6" above finished floor elevation, rest panel on 152mm (6") block and position the panel in the continuous channels.

For a 229mm 9" above finished floor elevation, rest panel on 229mm (9") block and position the panel in the continuous channels.

Drill two holes through top channel and fasten. Keep panel on stabilizer block until pilaster has been installed.

See page 24 for panel support pedestals instructions.

See page 30 for transom panel instructions.

Preview	Part#	Part# Stainless Steel	Description
	610071	610021	#12 x 5/8" Screw 6-lobe TR-27

Set panel to wall gap, as shown on layout drawings.

Block

STEP 4: Erect Wall Pilaster

Using your centerline locations, fasten continuous pilaster channels to wall.

For a 102mm (4") above finished floor elevation, mount the channel 111mm (4 3/8") above the finished floor*.

For a 152mm (6") above finished floor elevation, mount the channel 162mm (6 3/8") above the finished floor*.

For a 229mm (9") above finished floor elevation, mount the channel 238mm (9 3/8") above the finished floor*.

Adjust based on masonry lines as necessary

See page 17 & 18 for stirrup bracket mounting instructions.

Preview	Part#	Part# Stainless Steel	Description
	610072	610022	#12 x 1 3/4" Screw 6-lobe TR-27
	610053	N/A	Plastic Anchor #14-16

Channel Mounting Heights

For a 102mm (4") above finished floor partition elevation, mount channel 111mm (4 3/8") above the finished floor.

For a 152mm (6") above finished floor partition elevation, mount channel 162mm (6 3/8") above the finished floor.

For a 229mm (9") above finished floor partition elevation, mount channel 238mm (9 3/8") above the finished floor.
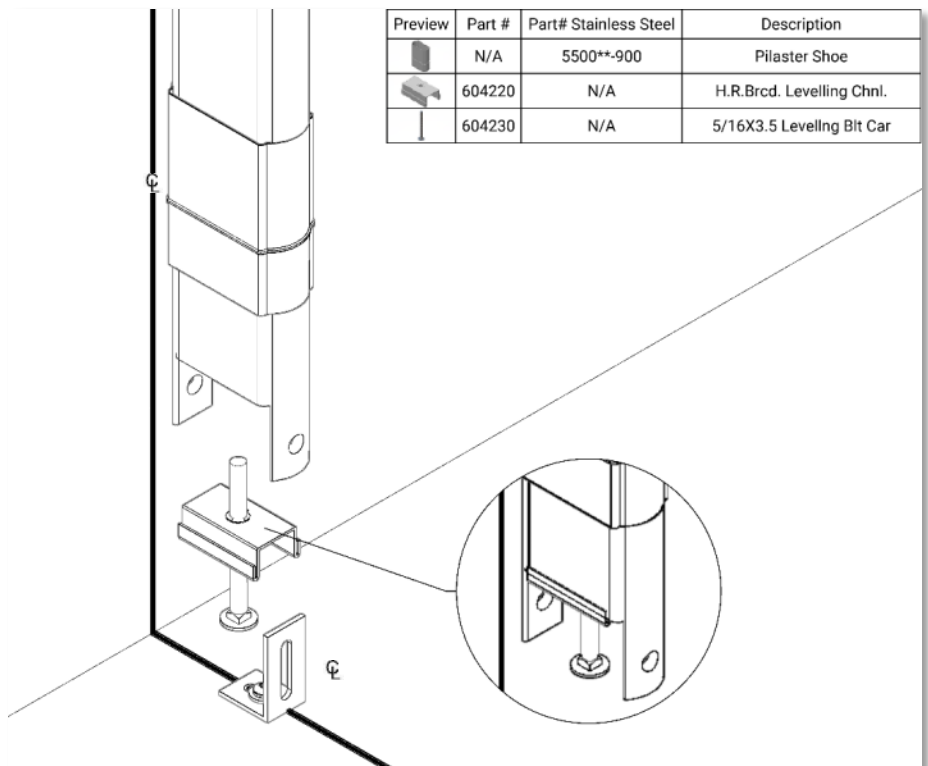
Drill 6mm (1/4") hole.
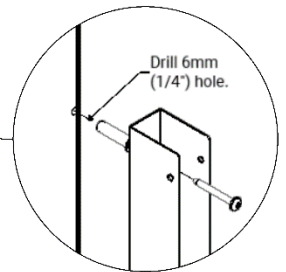
Pilaster Channel

STEP 4.1: Erect Wall Pilaster

Slide shoe onto the pilaster. Position the pilaster in wall brackets and over floor brackets. Install levelling device.

Note: For a better pilaster shoe fit, ensure that the front and back edges of the shoe are parallel to each other. If they are not, then apply hand pressure to the back seam of the shoe until the front and back edges are parallel.
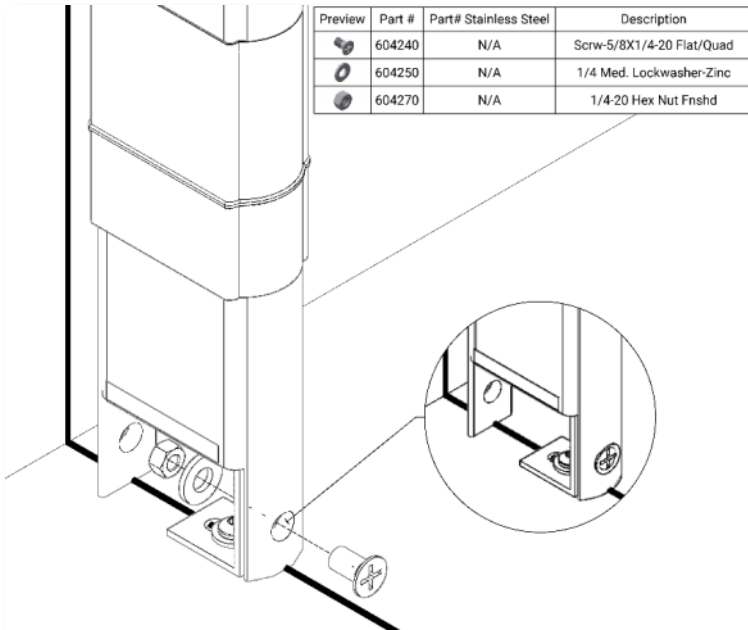
Preview	Part #	Part# Stainless Steel	Description
	N/A	5500**-900	Pilaster Shoe
	604220	N/A	H.R.Brcd. Levelling Chnl.
	604230	N/A	5/16X3.5 Levelling Blt Car

STEP 4.2: Erect Wall Pilaster

Install the floor bracket hardware and tighten.

Preview	Part #	Part# Stainless Steel	Description
	604240	N/A	Scrw-5/8X1/4-20 Flat/Quad
	604250	N/A	1/4 Med. Lockwasher-Zinc
	604270	N/A	1/4-20 Hex Nut Fnshd

STEP 4.3: Erect Wall Pilaster

Plumb pilaster and fasten to the pilaster channel.

Preview	Part#	Part# Stainless Steel	Description
	610071	610021	#12 x 5/8" Screw 6-lobe TR-27
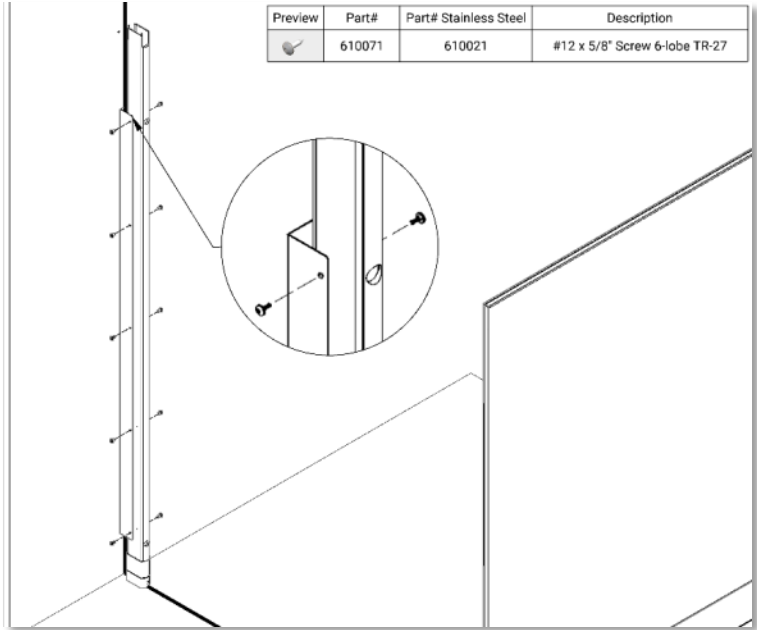
STEP 5: Prepare Pilaster For Door

Install lower hinge by lining up the guide pins with the pre-drilled hinge hole on the pilaster and fasten.

Note:
Stainless Steel pilaster will have two small guide holes vs powder coated, which has a 7/8" hinge hole.

Guide Pins

Stainless Steel Partitions

Powder Coated Partitions

Preview	Part#	Part# Stainless Steel	Description
	610071	610021	Screw #12 x 5/8" 6-Lobe
	601550	601452	Lower Wrap Hinge
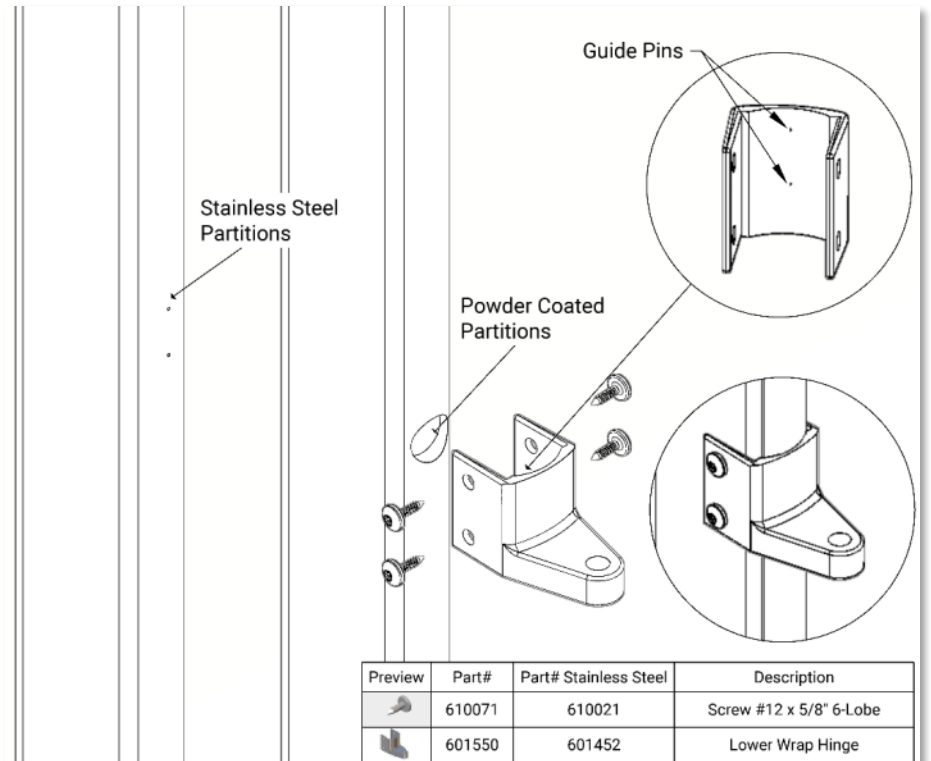
STEP 5.1: Prepare Pilaster For Door

Install and fasten the male cam to lower hinge.

Preview	Part#	Part# Stainless Steel	Description
	601620	N/A	5/16" Ext. Tooth Lockwasher
	601630	N/A	5/16" Hex Nut
	601550	N/A	Lower Wrap Hinge
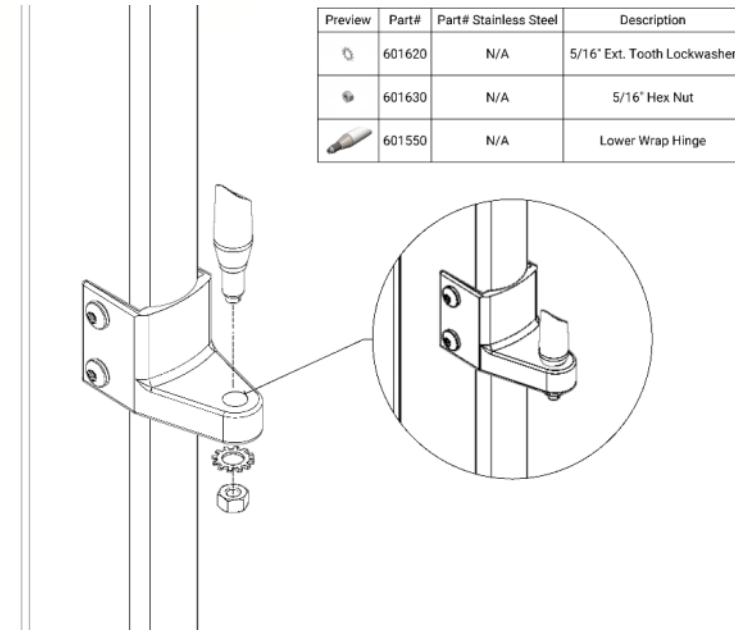
STEP 5.2: Prepare Pilaster For Door

Fasten the upper hinge to pilaster.

Preview	Part#	Part# Stainless Steel	Description
	610071	610021	Screw #12 x 5/8" 6-Lobe
	601350	601451	Upper Wrap Hinge
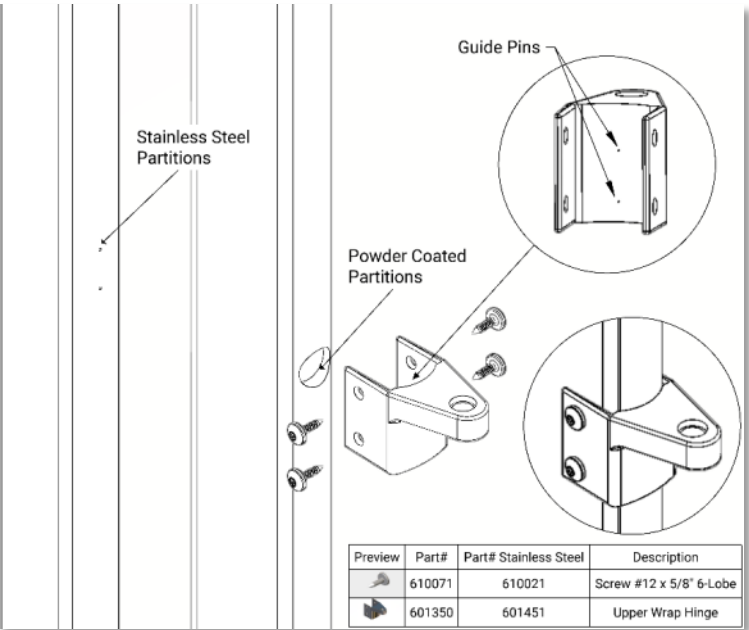
STEP 5.3: Fasten Hinge Side Filler To Pilaster

Place hinge side filler between hinges, pre-drill pilaster with 4mm (5/32") pilot holes and install fasteners.
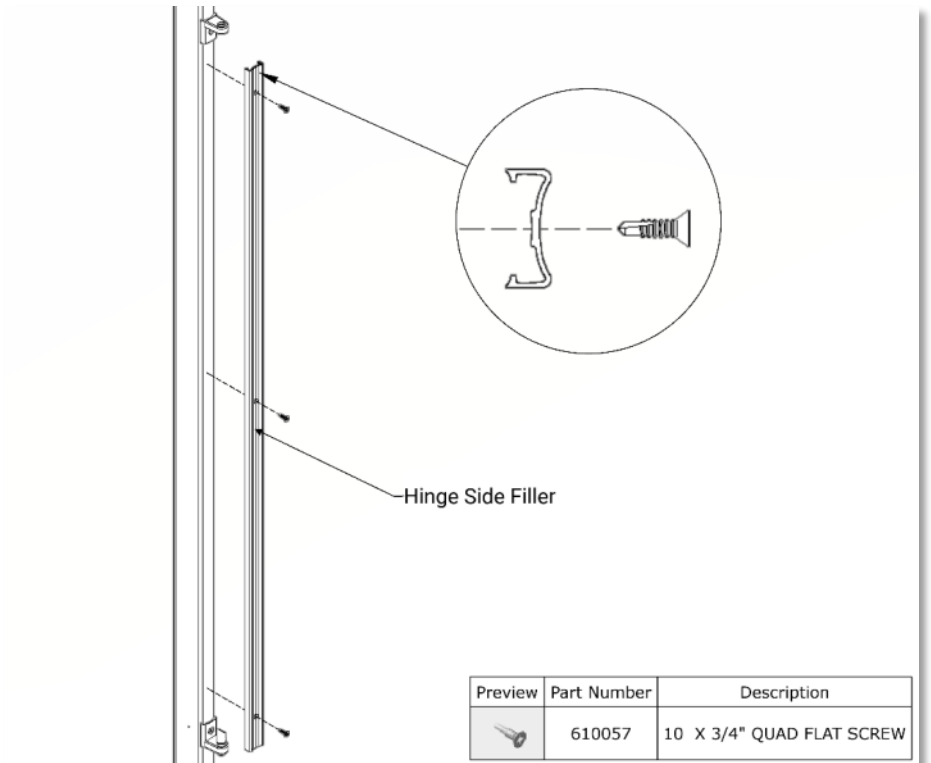
Preview	Part Number	Description
	610057	10 X 3/4" QUAD FLAT SCREW

STEP 6: Fasten Channel To Pilaster

Place next pilaster on floor brackets and mark centerline of panel on the back of the pilaster.

Using your centerline location, fasten continuous panel channel to the pilaster.
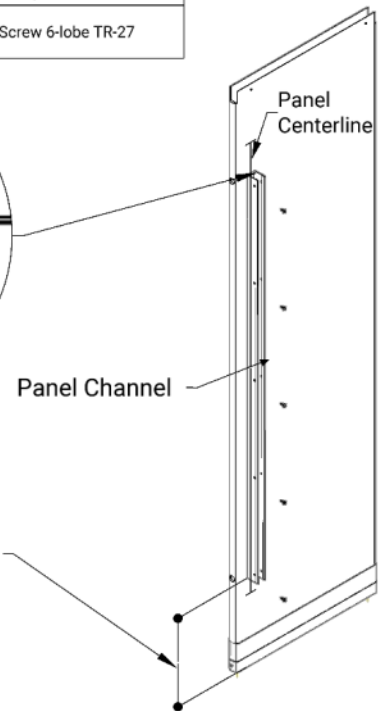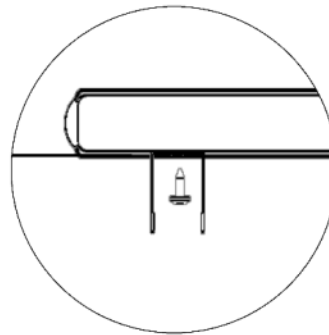
For a 102mm (4") above finished floor elevation, mount the channel 111mm (4 3/8") above the finished floor.

For a 152mm (6") above finished floor elevation, mount the channel 162mm (6 3/8") above the finished floor.

For a 229mm (9") above finished floor elevation, mount the channel 238mm (9 3/8") above the finished floor.

See page 17 & 18 for stirrup bracket mounting instructions.

Preview	Part#	Part# Stainless Steel	Description
	610071	610021	#12 x 5/8" Screw 6-lobe TR-27

For a 102mm (4") avove finished floor partition elevation, mount channel 111mm (4 3/8") above the finished floor.

For a 152mm (6") avove finished floor partition elevation, mount channel 162mm (6 3/8") above the finished floor.
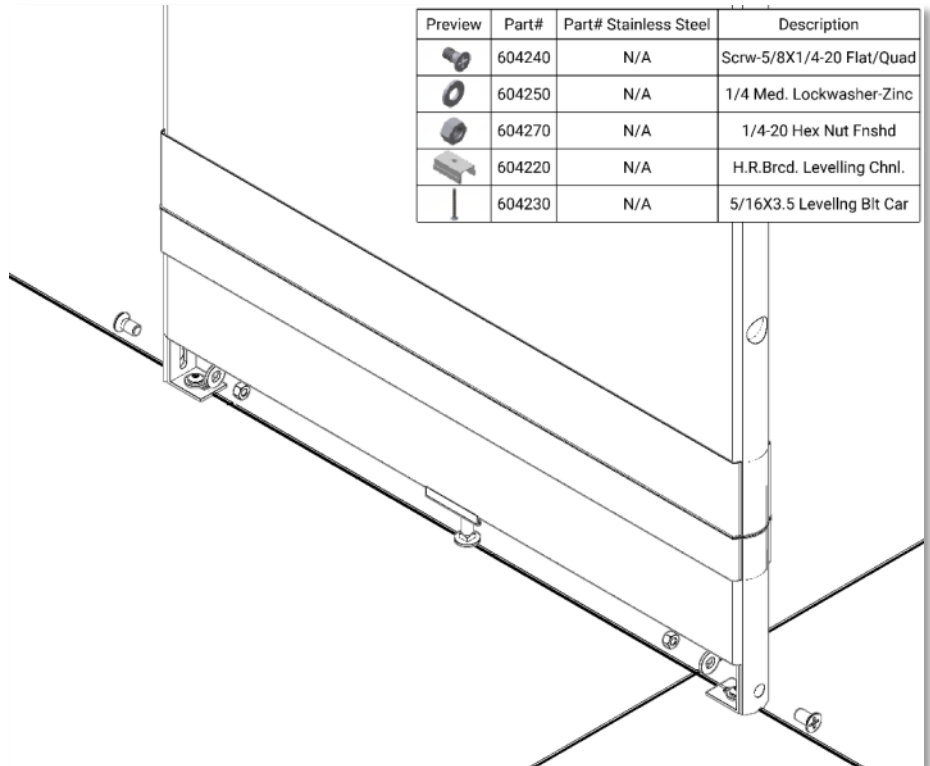
For a 229mm (9") avove finished floor partition elevation, mount channel 238mm (9 3/8") above the finished floor.

STEP 7: Erect Pilaster

Slide shoe onto the pilaster. Position pilaster over the floor brackets. Adjust pilaster location so the alcove channel grasps panel. Install floor bracket hardware, levelling device and tighten.

Note: For a better pilaster shoe fit, ensure that the front and back edges of the shoe are parallel to each other. If they are not, then apply hand pressure to the back seam of the shoe until the front and back edges are parallel.
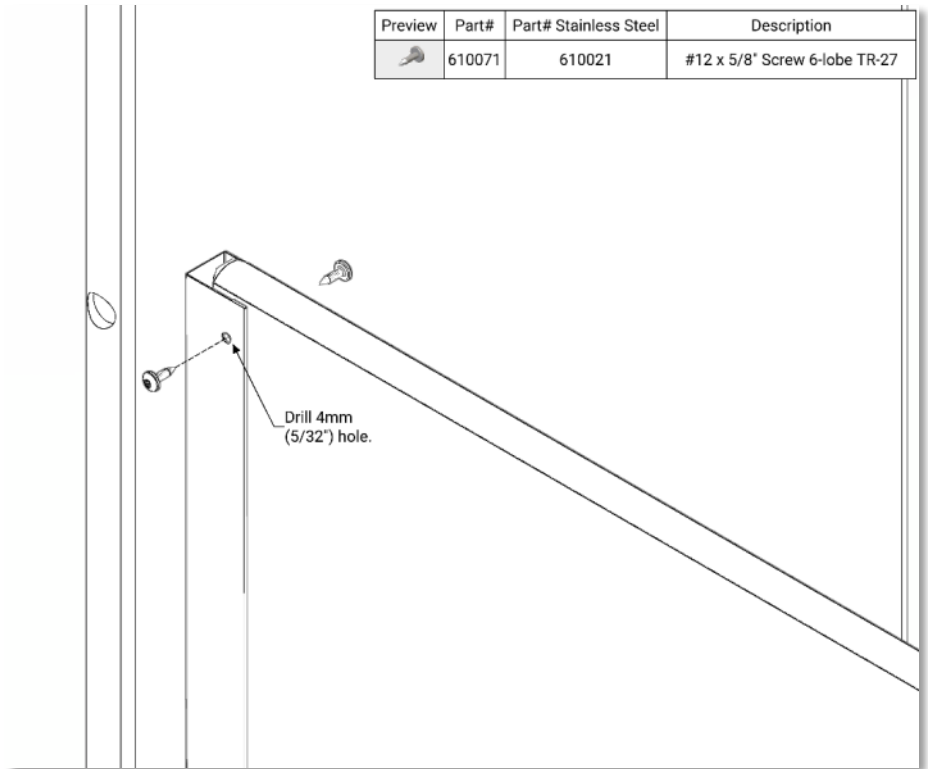
Preview	Part#	Part# Stainless Steel	Description
	604240	N/A	Scrw-5/8X1/4-20 Flat/Quad
	604250	N/A	1/4 Med. Lockwasher-Zinc
	604270	N/A	1/4-20 Hex Nut Fnshd
	604220	N/A	H.R.Brcd. Levelling Chnl.
	604230	N/A	5/16X3.5 Levellng Blt Car

STEP 7.1: Erect Pilaster

Plumb panel and pilaster. Secure panel to the pilaster channel.

Preview	Part#	Part# Stainless Steel	Description
	610071	610021	#12 x 5/8" Screw 6-lobe TR-27

Drill 4mm (5/32") hole.

STEP 8: Prepare Door For Hanging

Insert female cam into the bottom-door hinge casting.

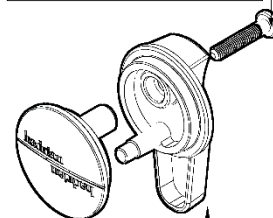| Preview	Part#	Part# Stainless Steel	Description
	601700	N/A	Female Cam

Female Cam
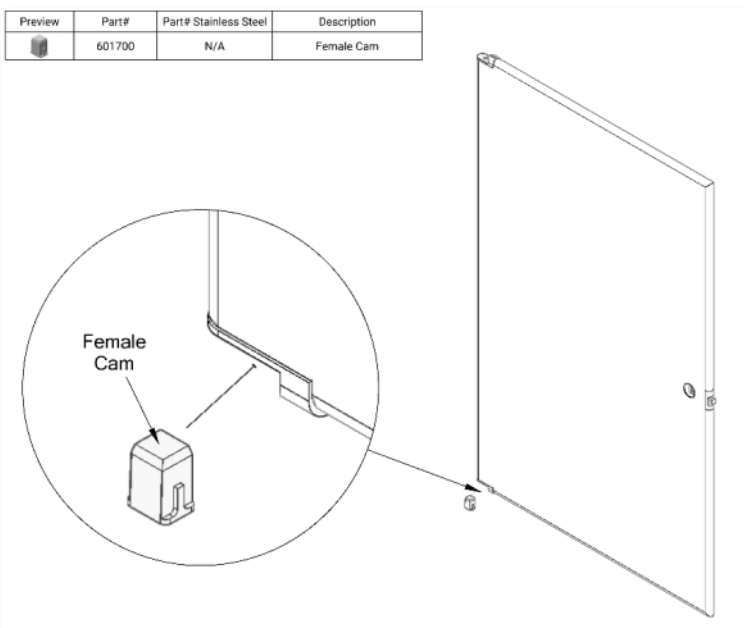
STEP 8.1: Prepare Door For Hanging

Install inner and outer knobs on the door.
See page 19 for Indicator Latch instructions

NEW
Threaded Inner / Outer Knob

Use either a hand tool or a power drill set to the lowest torque and speed.

Install latch with thumb lever pointing downwards.

Preview	Part#	Part# Stainless Steel	Description
	601150	901150	Kit Inner / Outer Knob
	601150	901150	Kit Inner / Outer Knob

Installation Manual for Metal Toilet Partitions – Elite, Elite Plus & Elite Max Series
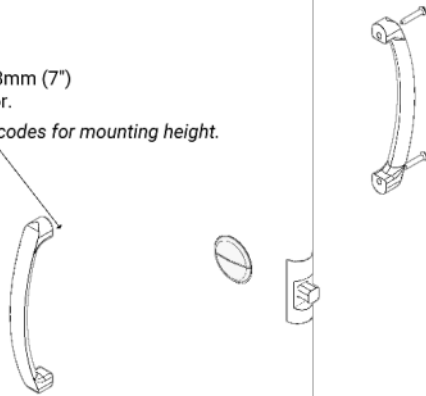
STEP 8.2: Prepare Door For Hanging

Install the door pulls. For outswing & accessible doors only.

Preview	Part#	Part# Stainless Steel	Description
)	610112	900112	Door Pull - Chrome 5-1/2"
	N/A	N/A	Door Pull Screw

Mount door pulls 178mm (7") from the edge of door.

Refer to local codes for mounting height.

### STEP 8.3: Prepare Door For Hanging

Fasten coat hook and bumper to door.

Preview	Part#	Part# Stainless Steel	Description
	610071	610021	#12 x 5/8" Screw 6-lobe TR-27
	N/A	790041	Barrier Free Coat Hook
	601900	601900-700	Coat Hook and Bumper

Standard Coat Hook and Bumper
Recommended to install door hook 127 mm (5") from the latch side of door and 127mm (5") from the top of door.

Barrier Free Coat Hook (Canada Only)
For doors that require barrier free hooks, recommended door hook height is between 457mm (18") and 1219mm (48") above finished floor.

Always follow local codes
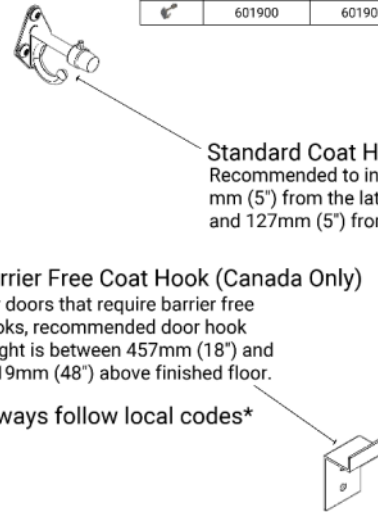
STEP 9: Hang Door

Lower door onto the male cam of the lower hinge. Install threaded upper hinge pin. To set door at required angle, loosen the nut of the male cam assembly, set door at required angle and tighten nut.
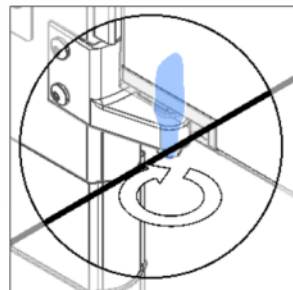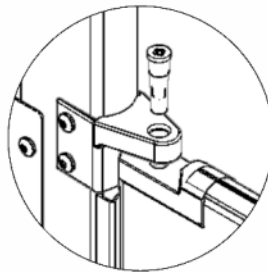
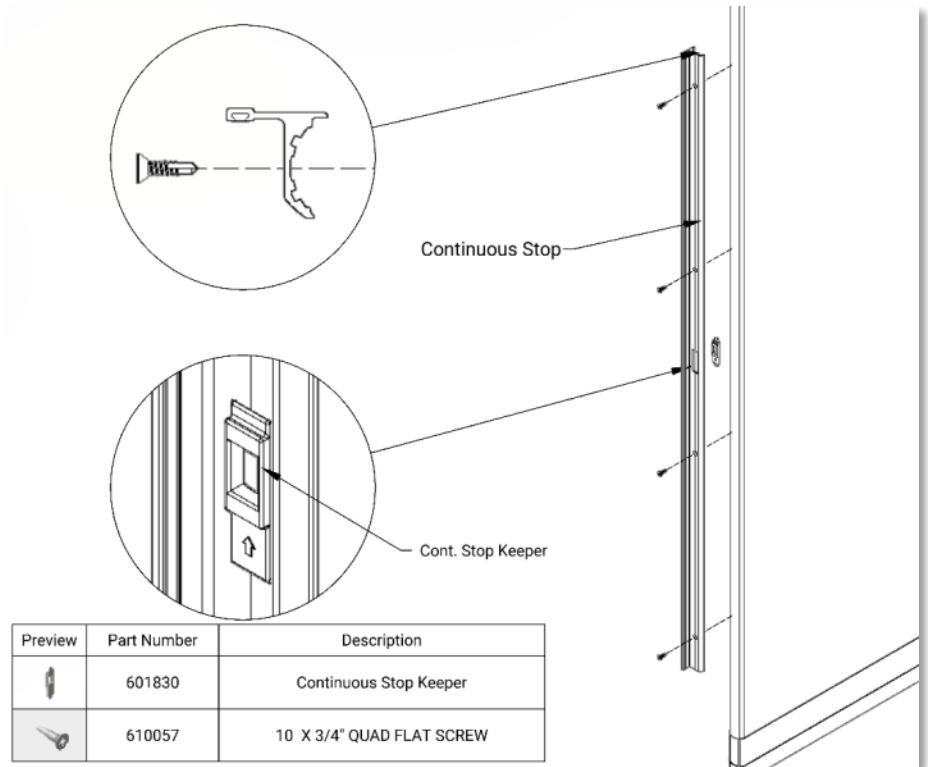| Preview	Part#	Part# Stainless Steel	Description
	601630	N/A	5/16" - 18 Hex Nut
	631400	N/A	Upper Hinge Pin
	601620	N/A	5/16" Ext. Tooth Lockwasher
	601611	N/A	Male Cam Insert
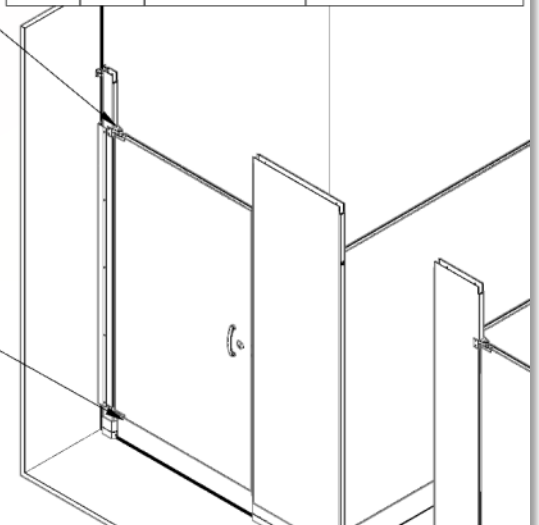
STEP 9.1: Hang Door

Place continuous stop on pilaster, ensuring the top lines up with the locking bar (trim) seam on the top of the door.

Pre-drill pilaster with 4mm (5/32") pilot holes and install fasteners.

**Note:** The arrow on the Stop Keeper **must** point upwards for the latch to line up with the keeper.

Continuous Stop

Cont. Stop Keeper

Preview	Part Number	Description
	601830	Continuous Stop Keeper
	610057	10 X 3/4" QUAD FLAT SCREW

STEP 10: Erect Remaining Compartments

Ensure all pilasters are fastened to floor brackets, add all remaining fasteners and repeat steps 3-10 (as necessary) for all remaining compartments.

Note: Hadrian recommends installing one compartment (including door) at a time.
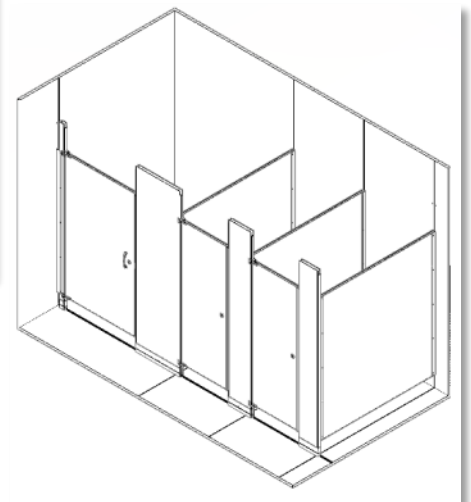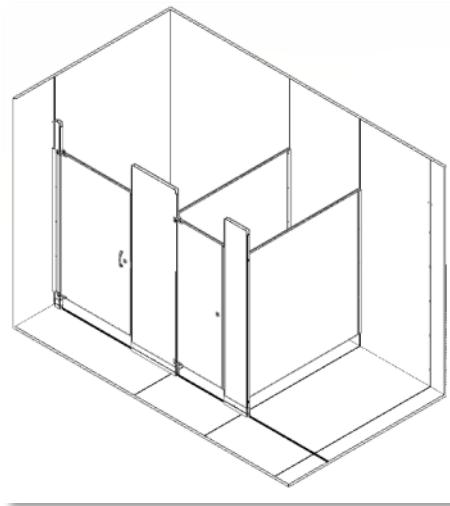
STEP 11: Secure Headrail Brackets

Fasten Headrail brackets to the wall approximately 2070mm (81 1/2")* above floor (some adjustments may be necessary due to varying floor conditions).

*For Elite Plus partitions mounted 229mm (9") above finished floor, fasten Headrail brackets 2146mm (84 1/2") above floor.

*For Elite Max partitions, refer to elevation drawing.

Preview	Part#	Part# Stainless Steel	Description
	610072	610022	#12 x 1 3/4" Screw 6-lobe TR-27
	610053	N/A	Plastic Anchor #14-16
	610071	610021	#12 x 5/8" Screw 6-lobe TR-27
	607110	N/A	Headrail Bracket
	607210	N/A	Headrail Corner Clip

2070mm (81 1/2")

2070mm (81 1/2")
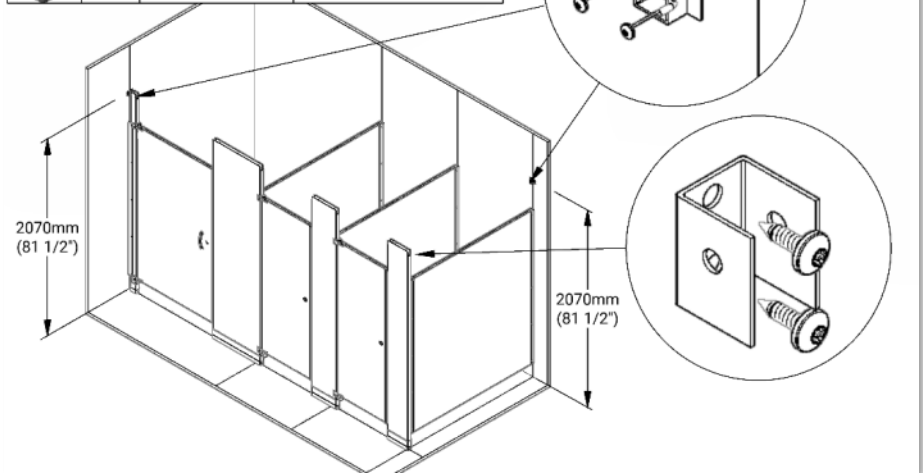
STEP 12: Place Headrail

Place Headrail into tops of pilasters and slide into Headrail brackets. Due to the width of some configurations, two or more pieces of Headrail may be required. Splice sections of Headrail on top of pilaster.
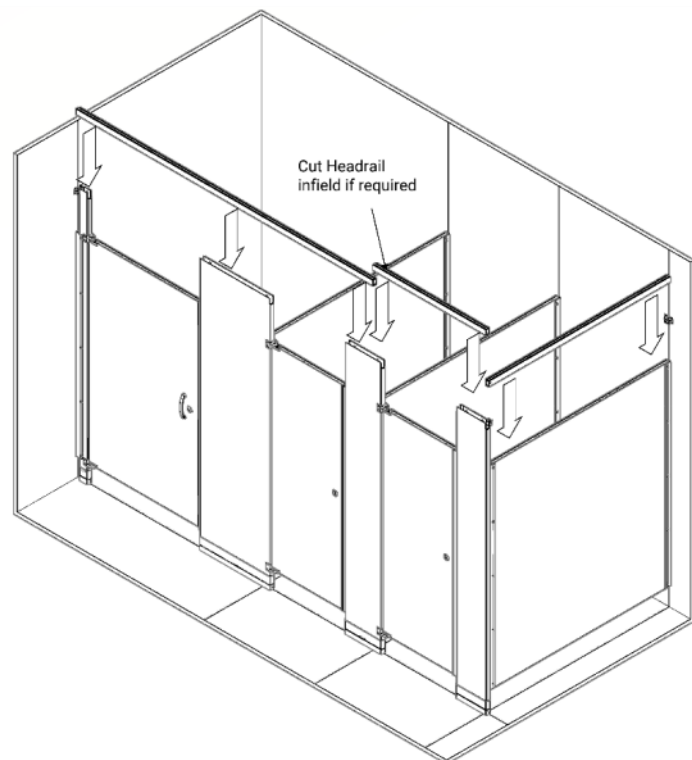
Cut Headrail infield if required

STEP 12.1: Place Headrail

Fasten Headrail to the Headrail wall brackets. Install Headrail end cap if required.

Adjust levelling devices to level all compartment components and tighten.

Preview	Part#	Part# Stainless Steel	Description
	610071	610021	#12 x 5/8" Screw 6-lobe TR-27
	607220	N/A	Headrail End Cap
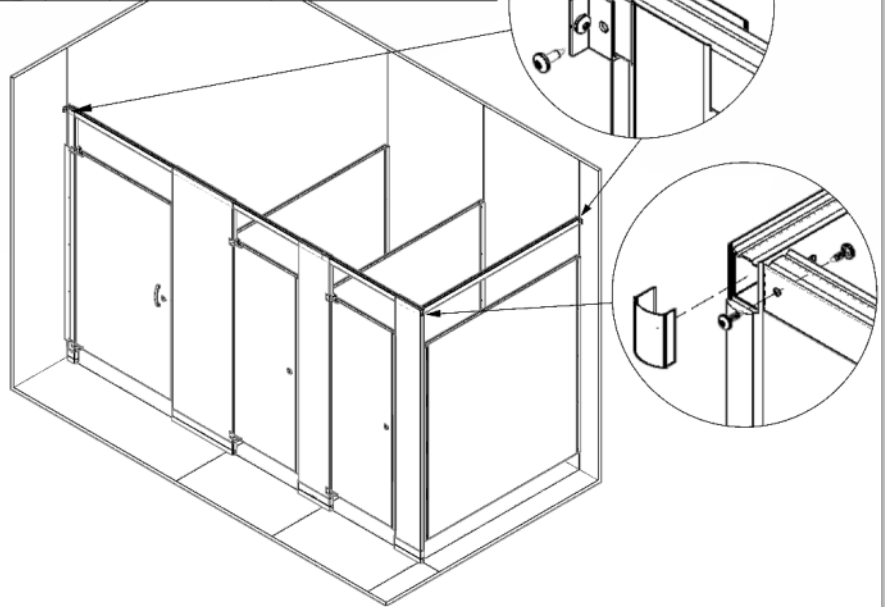
STEP 12.2: Place Headrail

Fasten Headrail to pilasters. Use one screw for pilasters under 8" wide and two screws for pilasters over 8" wide. Fasten the screws on the interior of the partitions only.

Preview	Part#	Part# Stainless Steel	Description
	610071	610021	#12 x 5/8" Screw 6-lobe TR-27
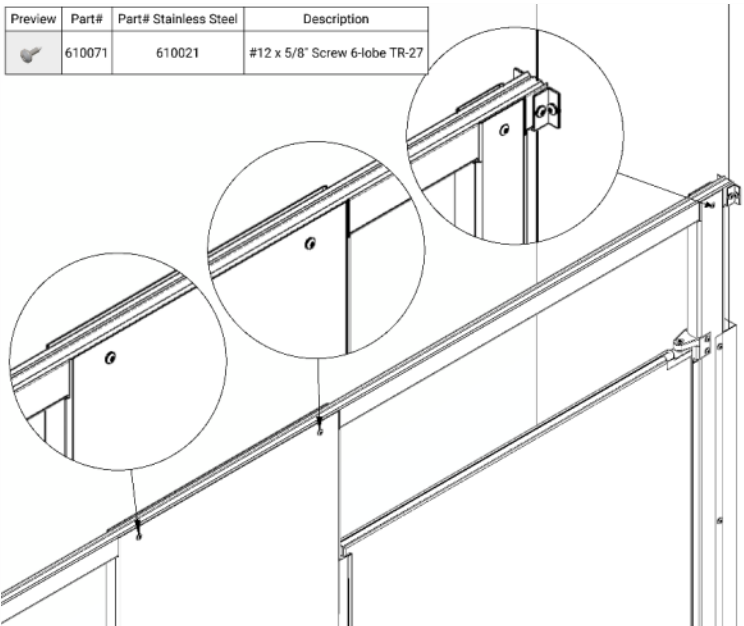
STEP 12.3: Place Headrail

Drill all remaining panel and pilaster holes and fasten to brackets.
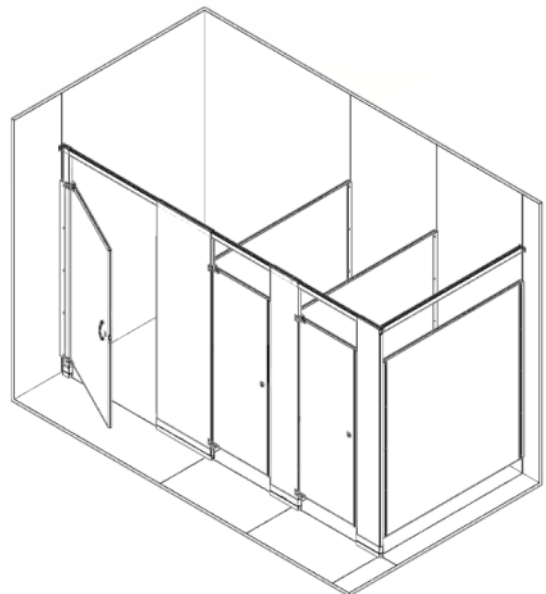
Appendix A-1 - Alcove Unit

Rest panel on a block and position in channel. Drill two holes through top and fasten. Keep the panel on stabilizer block until middle pilaster has been installed.

Preview	Part#	Part# Stainless Steel	Description
🔍	610071	610021	#12 x 5/8" Screw 6-lobe TR-27

Drill 4mm (5/32") Hole

For 6" AFF use a 152mm (6") block.
For 9" AFF use a 229mm (9")

Appendix A-2 - Alcove Unit

Position concave side of alcove channel to pilaster. Secure with a minimum of three screws.
Follow Step 7 for pilaster mounting instructions.

Preview	Part#	Part# Stainless Steel	Description
🔍	610071	610021	#12 x 5/8" Screw 6-lobe TR-27

Pilaster — Alcove Channel

For a 102mm (4") above finished floor partition elevation, mount channel 111mm (4 3/8") above the finished floor.

For a 152mm (6") above finished floor partition elevation, mount channel 162mm (6 3/8") above the finished floor.

For a 229mm (9") above finished floor partition elevation, mount channel 238mm (9 3/8") above the finished floor.

Appendix A-3 - Alcove Unit

Plumb panel and pilaster. Secure panel to the alcove channel with a minimum of three screws on the inside of the unit.

Preview	Part#	Part# Stainless Steel	Description
🔍	610071	610021	#12 x 5/8" Screw 6-lobe TR-27

Alcove Channel

Pilaster

Panel
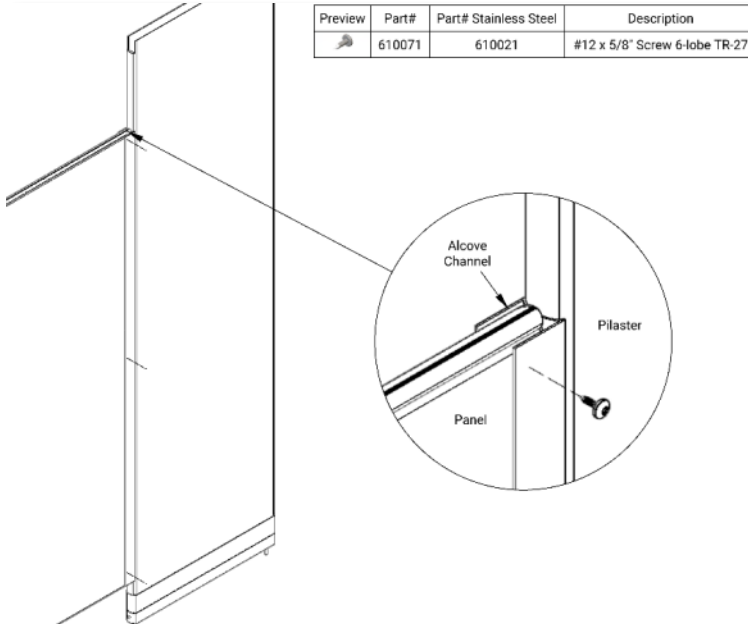
Appendix A-4 - Alcove Unit

Fasten Headrail to the Headrail wall brackets.

Adjust levelling devices to level all compartment components and tighten. *Follow Steps 4, 5, 8 and 9 for pilaster and door mounting instructions.*
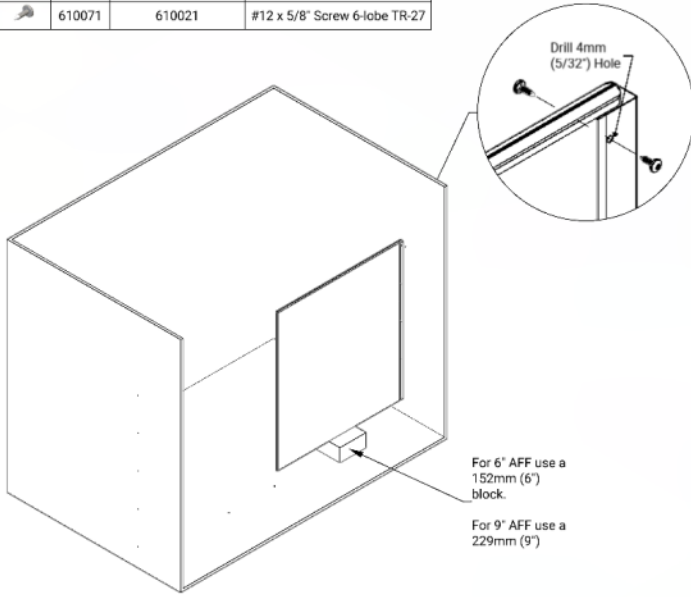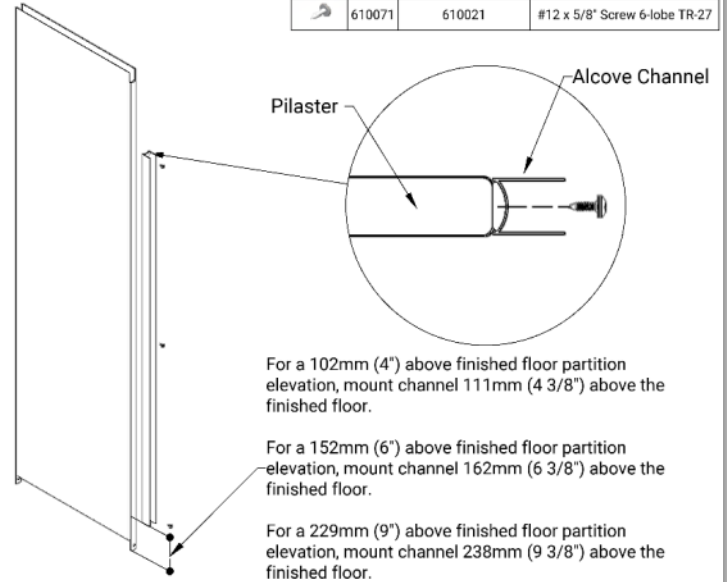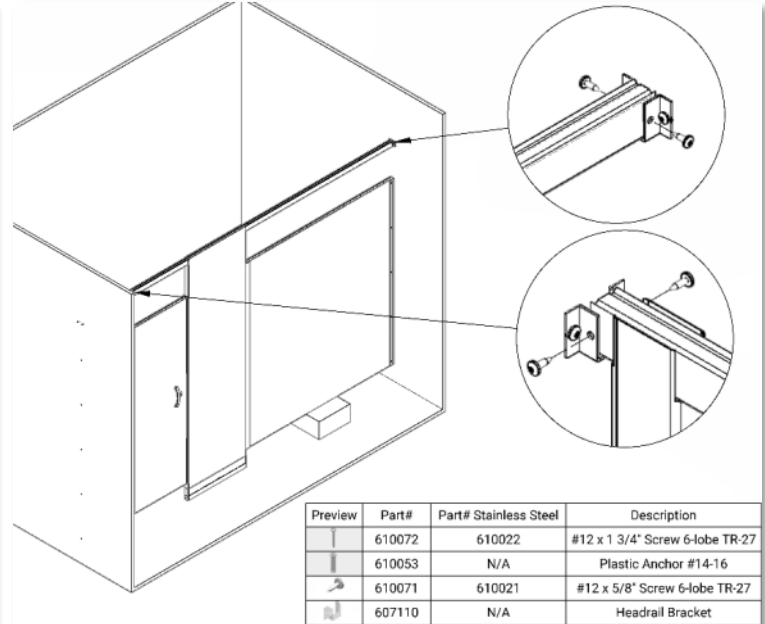

Preview	Part#	Part# Stainless Steel	Description
	610072	610022	#12 x 1 3/4" Screw 6-lobe TR-27
	610053	N/A	Plastic Anchor #14-16
🔍	610071	610021	#12 x 5/8" Screw 6-lobe TR-27
	607110	N/A	Headrail Bracket

Appendix B-1 – Stirrup Bracket Option

Using your centerline locations, measure, pre-drill and install plastic anchors.*

For a 152mm (6") above finished floor elevation, mount the stirrup brackets 305mm (12") & 1626mm (64") above the finished floor.
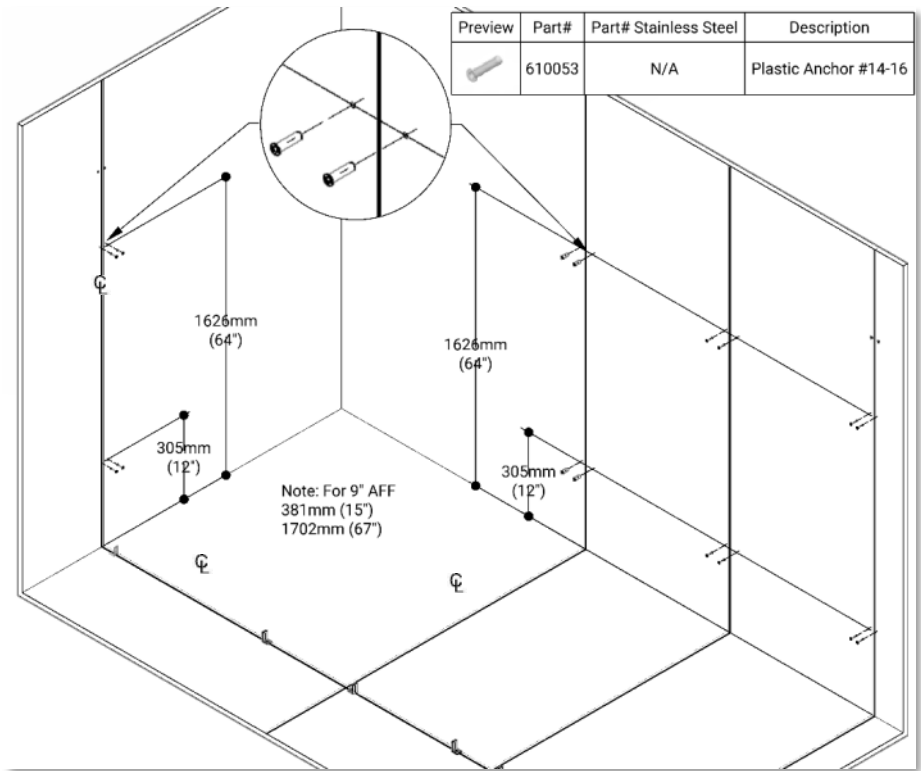
For a 229mm (9") above finished floor elevation, mount the stirrup brackets 381mm (15") & 1702mm (67") above the finished floor.

Adjust based on masonry lines as necessary

Preview	Part#	Part# Stainless Steel	Description
	610053	N/A	Plastic Anchor #14-16

Note: For 9" AFF
381mm (15")
1702mm (67")

Appendix B-2 – Stirrup Bracket Option

Fasten stirrup brackets to wall.

Preview	Part#	Part# Stainless Steel	Description
	603210	603215	Bracket 1" End Panel
	610072	610022	#12 x 1-3/4" screw 6-lobe TR-27
	603110	603115	2 Ear Panel Wall Bracket
	604110	604115	Bracket 1.25 Pilalster Wall

Appendix B-3 - Continuous Channel Option

Fasten stirrup brackets to wall pilaster and panel.

Preview	Part#	Part# Stainless Steel	Description
🔩	610071	610021	#12 x 5/8" screw 6-lobe TR-27
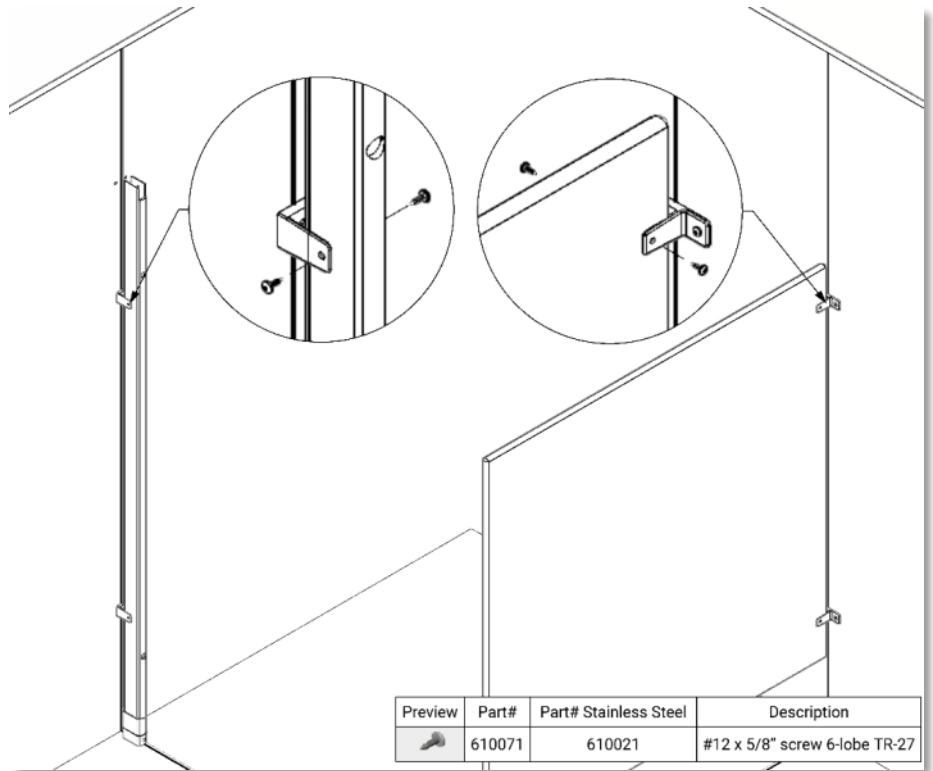
Appendix B-4 - Continuous Channel Option

Place pilaster on floor brackets and mark centerline of panel on the back of the pilaster and fasten "U" brackets.

For a 152mm (6") above finished floor elevation, mount the stirrup brackets 305mm (12") & 1626mm (64") above the finished floor.
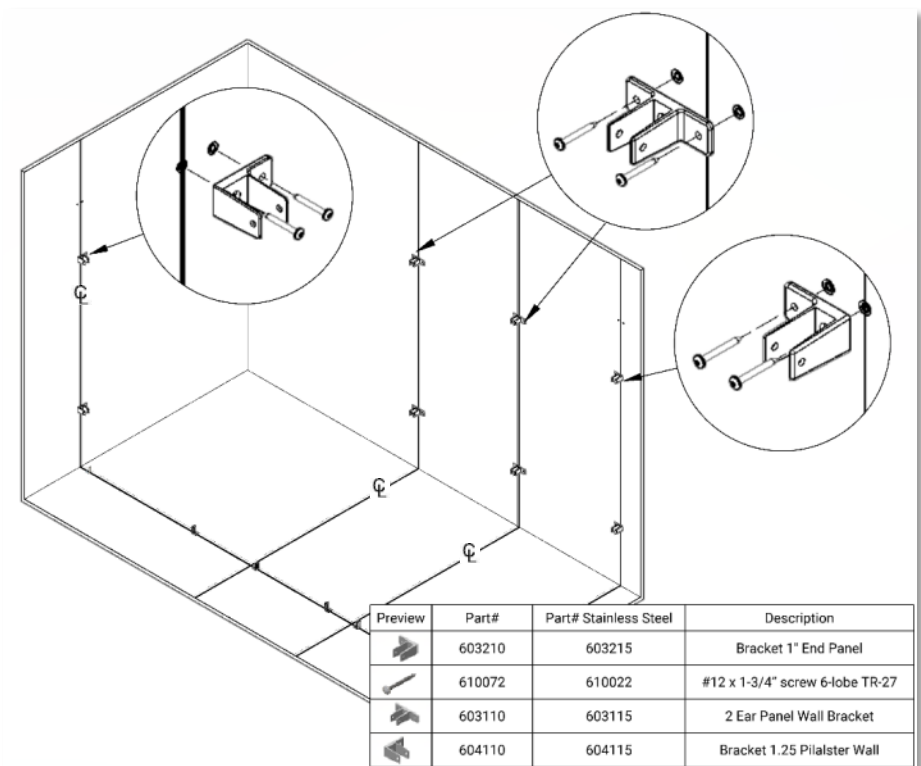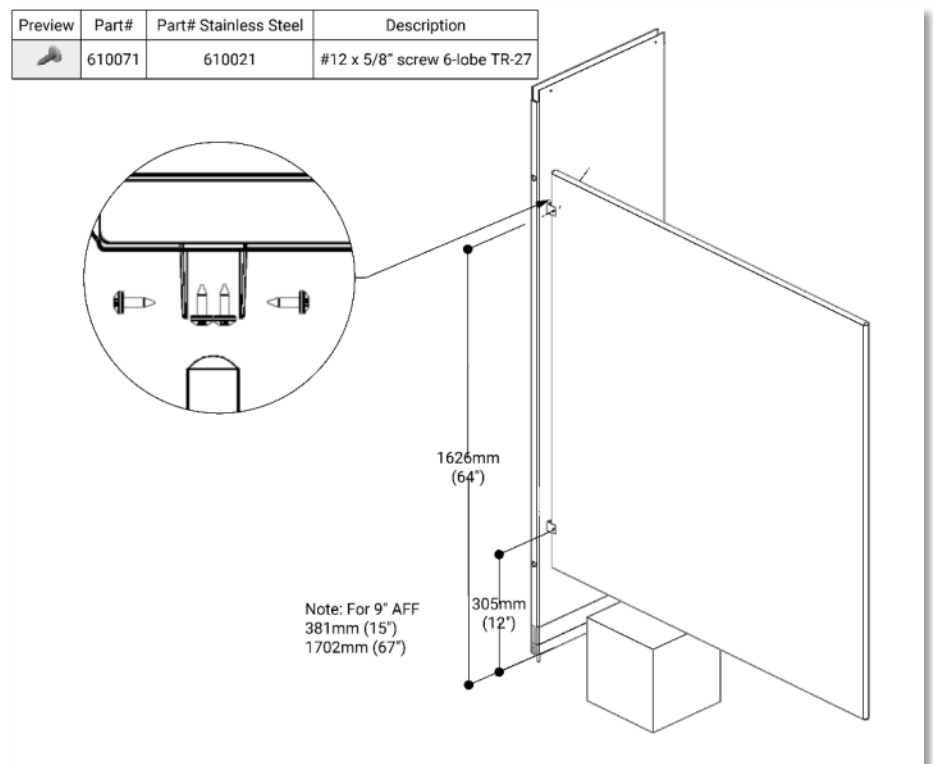
For a 229mm (9") above finished floor elevation, mount the stirrup brackets 381mm (15") & 1702mm (67") above the finished floor.

Preview	Part#	Part# Stainless Steel	Description
🔩	610071	610021	#12 x 5/8" screw 6-lobe TR-27

1626mm
(64")

Note: For 9" AFF
381mm (15")
1702mm (67")

305mm
(12")

STEP C-1 - New Indicator **Latch Installation**

Set the red/green latch plate to the red position. Set slide latch to the closed position. Line up the latch pin to the round part of the oblong and fasten with screws provided.
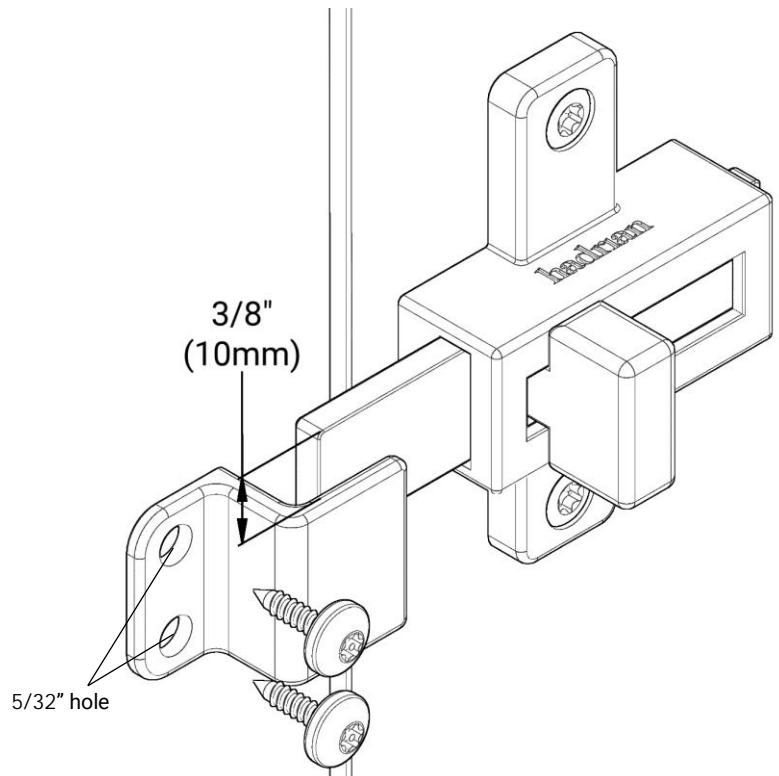
Pin Location
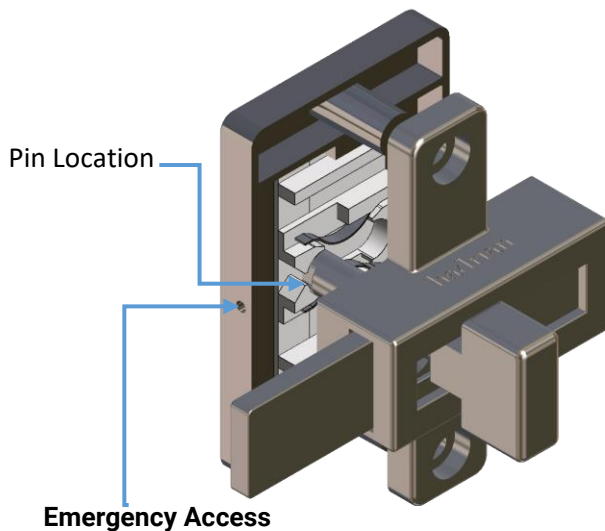
Emergency Access

Insert a pin or Allen key 5/64" in diameter or smaller to push open the latch.
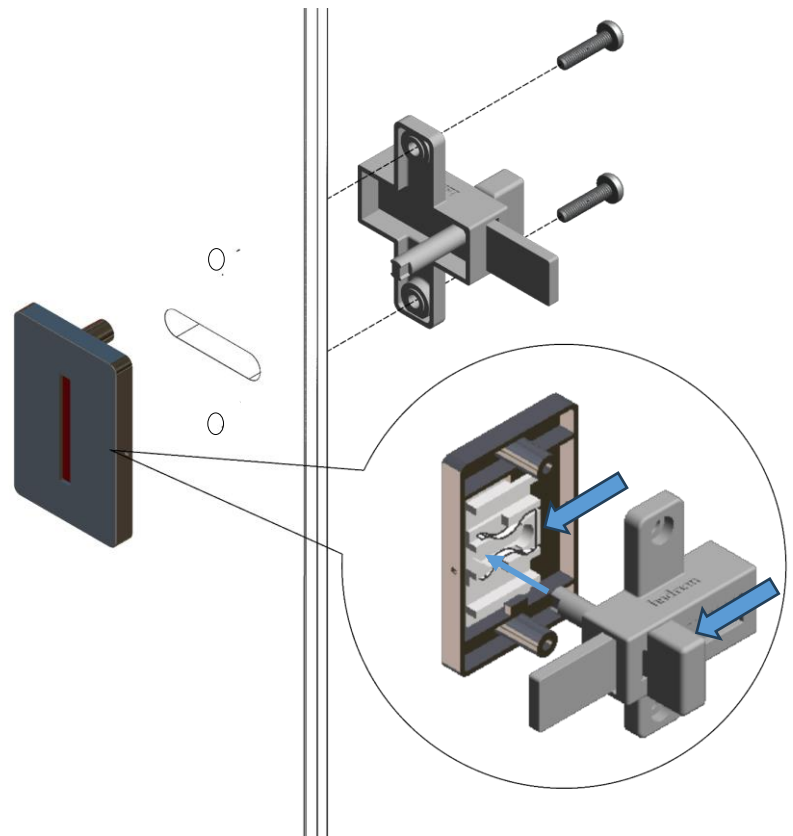
**STEP** C-2**:** New Indicator **Latch Installation**

Set latch to the closed position. Position latch keeper 3/8" (10mm) from the top of the latch to allow for **Emergency Access** by door lift. Predrill 5/32" holes and fasten latch keeper to pilaster.

3/8"
(10mm)

5/32" hole

Appendix C-3 **– Indicator Latch**

Install indicator latch keeper as shown below. When installing indicator face plate to the pin, set the indicator plate to show red in the window and have the latch in the locked position.

Spacer for out-swing doors

Locked position

Set to red
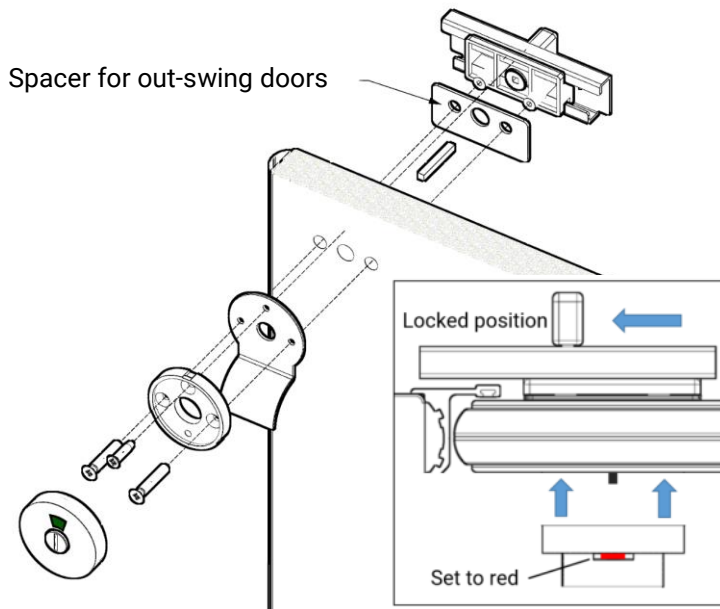
Appendix C-4 **– Indicator Latch (Out-swing)**

Out-swing doors will use the continuous stop as the keeper. Out-swing spacer to be installed to allow the latch to clear the continuous stop.

Out-swing spacer

Continuous Stop
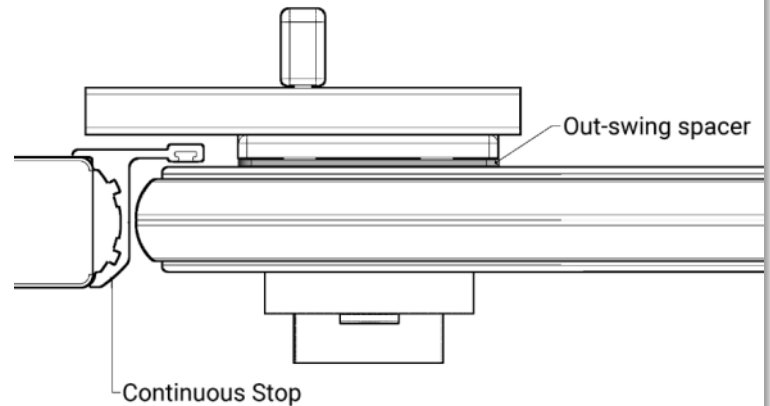
Appendix C-5 **– Indicator Latch (In-swing)**

Line up the in-swing keeper with the latch.

Before fastening the keeper to the pilaster, ensure the door does not hit the keeper when opening. The door should clear the keeper by 1/32".
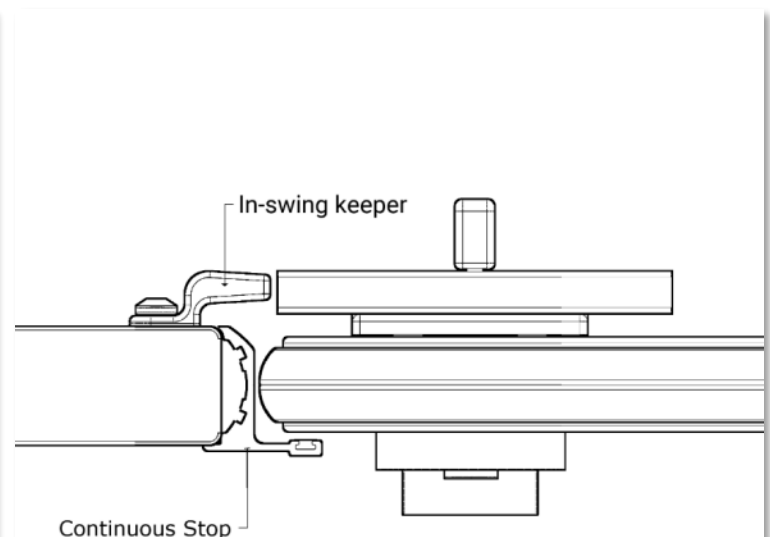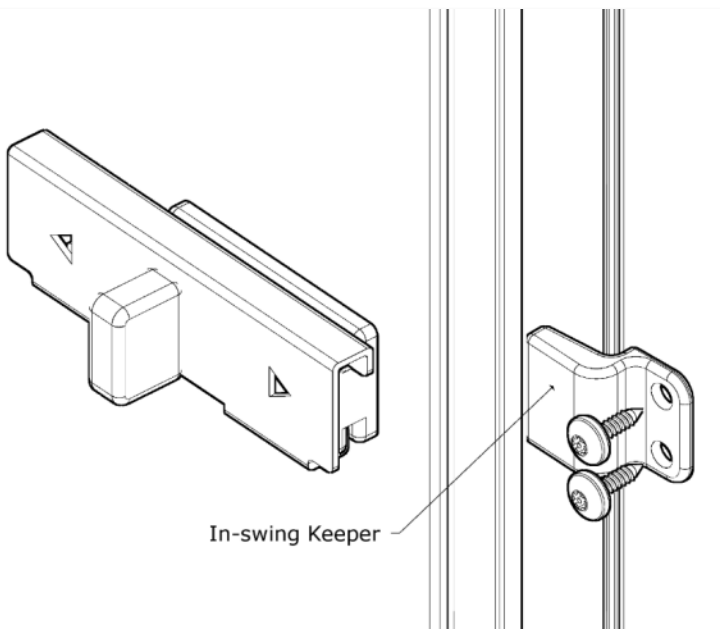
In-swing Keeper

In-swing keeper

Continuous Stop

Appendix D-1 - Continuous Hinge

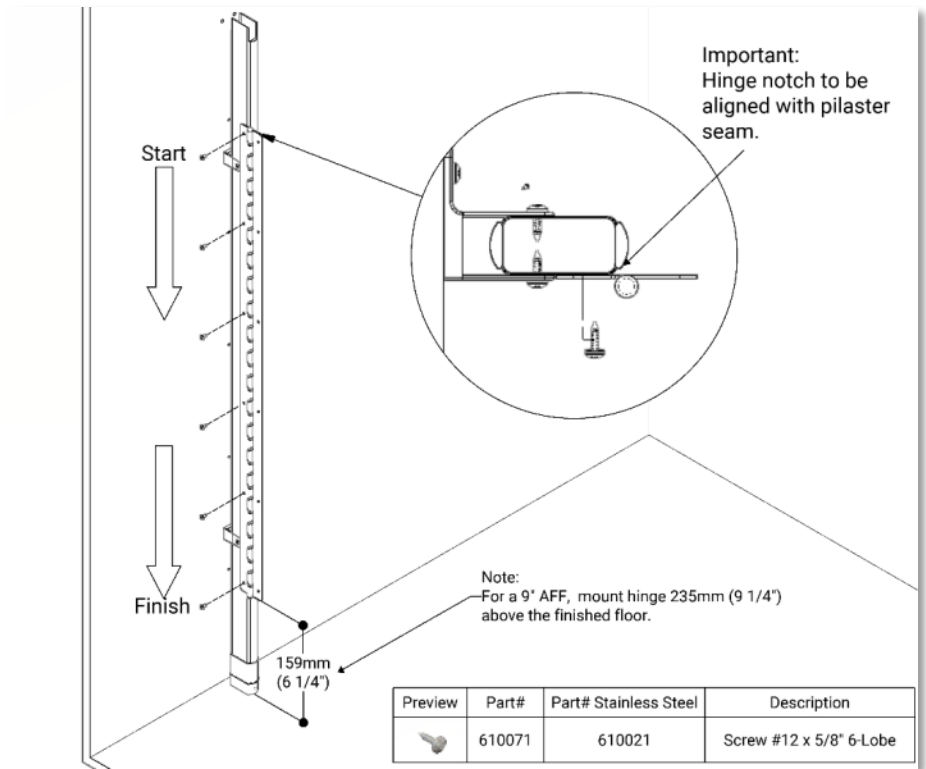For a 152mm (6") above finished floor elevation, mount hinge to pilaster 159mm (6 ¼") above the finished floor.

For a 229mm (9") above finished floor elevation, mount hinge to pilaster 235mm (9 ¼") above the finished floor.

Align the hinge notch with the seam edge of pilaster. Plumb the hinge and fasten.

Note:
Fasten the screws starting at the top of the hinge and finish at the bottom. The hinge must be installed plumb to work correctly.


Important:
Hinge notch to be aligned with pilaster seam.

Start

Finish

159mm (6 1/4")

Note:
For a 9" AFF, mount hinge 235mm (9 1/4") above the finished floor.

Preview	Part#	Part# Stainless Steel	Description
🔩	610071	610021	Screw #12 x 5/8" 6-Lobe

Appendix D-2 - Continuous Hinge

For a 152mm (6") above finish floor elevation, use a 152mm (6") block to position the door.

For a 229mm (9") above finish floor elevation, use a 229mm (9") block to position the door.

Align the top of the hinge 6mm (1/4") from the top of the door edge and 3mm (1/8") from the pilaster edge. Plumb door and fasten the door to the hinge.

Note:
The hinge must be installed plumb to work correctly.
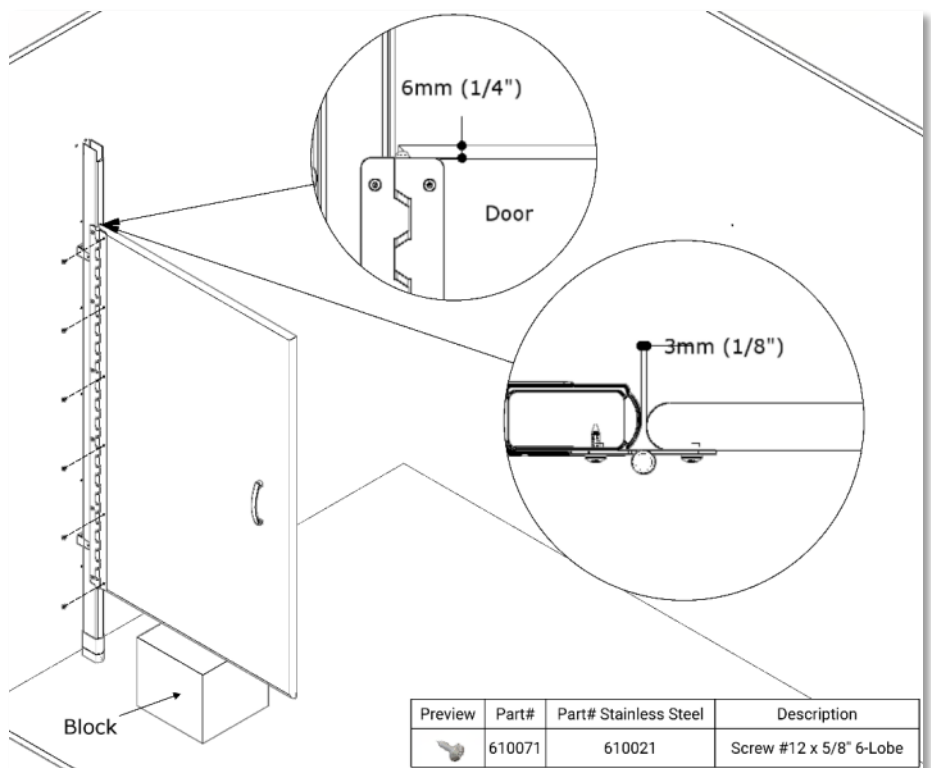
6mm (1/4")

Door

3mm (1/8")

Block

Preview	Part#	Part# Stainless Steel	Description
🔩	610071	610021	Screw #12 x 5/8" 6-Lobe

Appendix E-1 – Concealed Hinge (Powder Coated Only)

Fasten lower hinge to pilaster.

Preview	Part#	Part# Stainless Steel	Description
	Z601330	N/A	Wing Nut
	Z601320	N/A	#10-24 Screw
	Z610050	N/A	#10 External Lock Washer
	601500	601452	Lower Hinge Assembly

Slowly tighten the hinge screw.
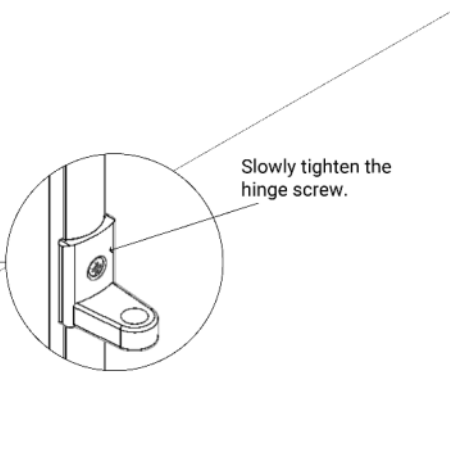
Appendix E-2 – Concealed Hinge (Powder Coated Only)

Install and fasten the male cam to lower hinge.

Preview	Part#	Part# Stainless Steel	Description
	601630	N/A	5/16" - 18 Hex Nut & Washer
	601620	N/A	5/16" Ext. tooth Lockwasher
	601611	N/A	Male Cam Insert
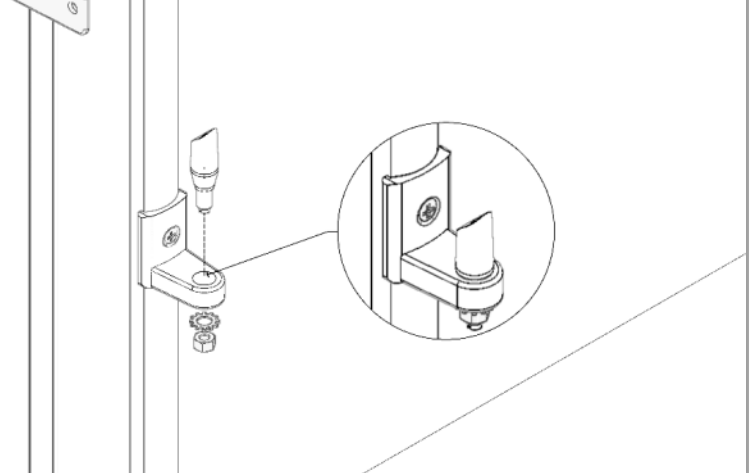
Appendix E-3 – Concealed Hinge (Powder Coated Only)

Fasten the upper hinge to pilaster

Preview	Part#	Part# Stainless Steel	Description
	601300	601451	Upper Hinge Assembly
	Z601330	N/A	Wing Nut
	Z601320	N/A	#10-24 Screw
	Z610050	N/A	#10 External Lock Washer

Slowly tighten the hinge screw.
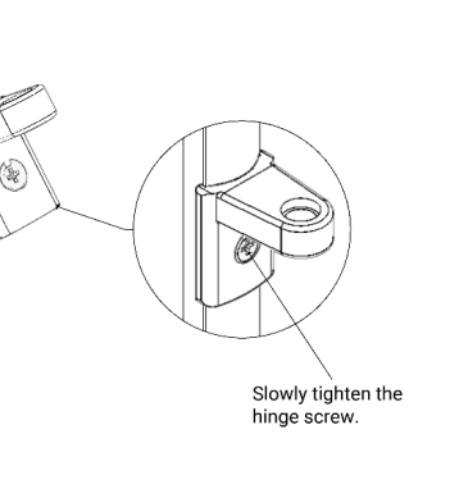
Appendix E-4 – Concealed Hinge (Powder Coated Only)

Fasten the upper hinge to pilaster

Preview	Part#	Part# Stainless Steel	Description
	601630	N/A	5/16" - 18 Hex Nut & Washer
	601620	N/A	5/16" Ext. tooth Lockwasher
	601611	N/A	Male Cam Insert
	631400	N/A	Upper Hinge Pin
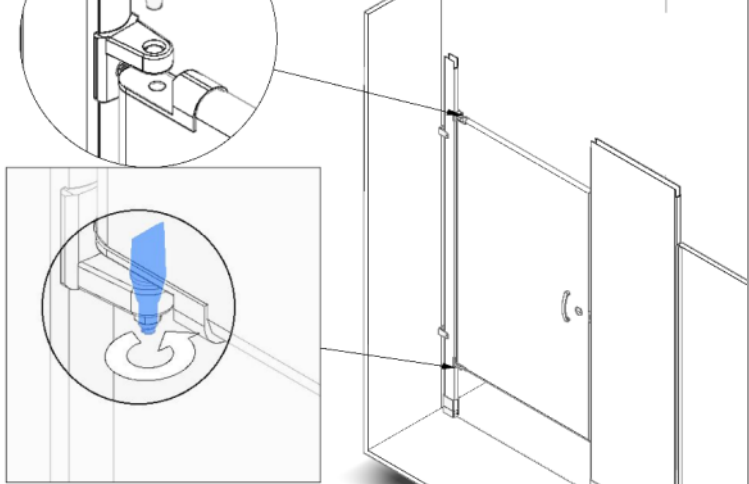
Appendix F-1 - Ceiling Hung Pilaster
Establish Ceiling Stud Locations

Establish front centerline by taking the overall compartment dimension and deducting 16mm (5/8"). Use final layout drawings to determine locations.

Bolt Layout Example
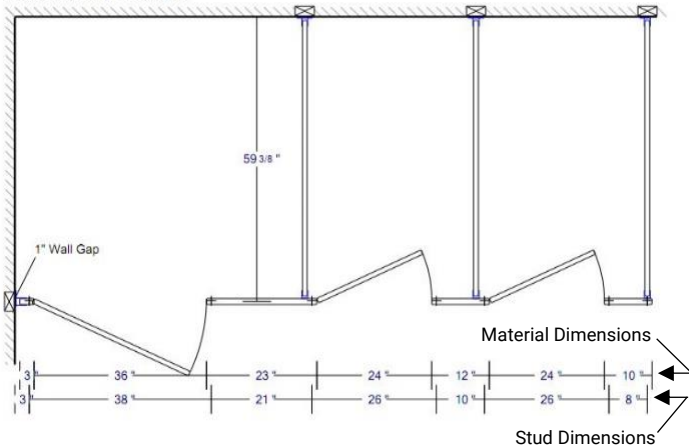
Appendix F-2 - Ceiling Hung Pilaster
Establish Ceiling Stud Locations

Drill holes for ceiling studs 25mm (1") in from edge of pilaster locations as indicated on layout drawings.

Appendix F-3 - Ceiling Hung Pilaster – Erect Pilaster

Install ceiling stud hardware.

Item	Preview	Part Number	Description
1		607402	1/2 - 13 Square Nut
2		607303	3/8 - 16 X 7 Steel Stud
3		607302	3/8 Bevel Washer
4		607304	3/8-16 Hex Nut
5		607305	3/8 B.S. Flat Washer
6		N/A	3/8 Lock Washer

Appendix F-4 - Ceiling Hung Pilaster – Erect Pilaster

Position pilaster on ceiling studs, plumb and tighten. Hadrian recommends the supporting channel should be 25mm (1") above the finished ceiling.
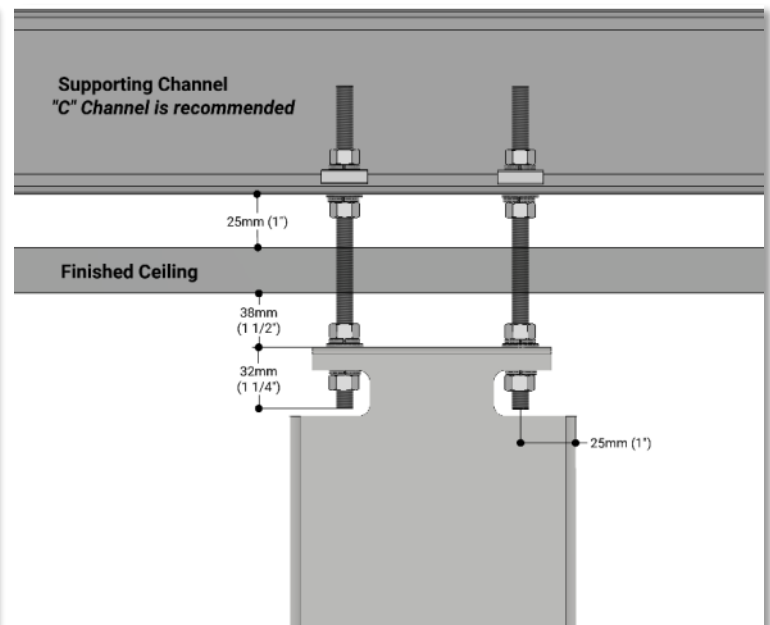
Appendix G-1 - Floor Mounted Pilasters
Establish Floor Stud Locations

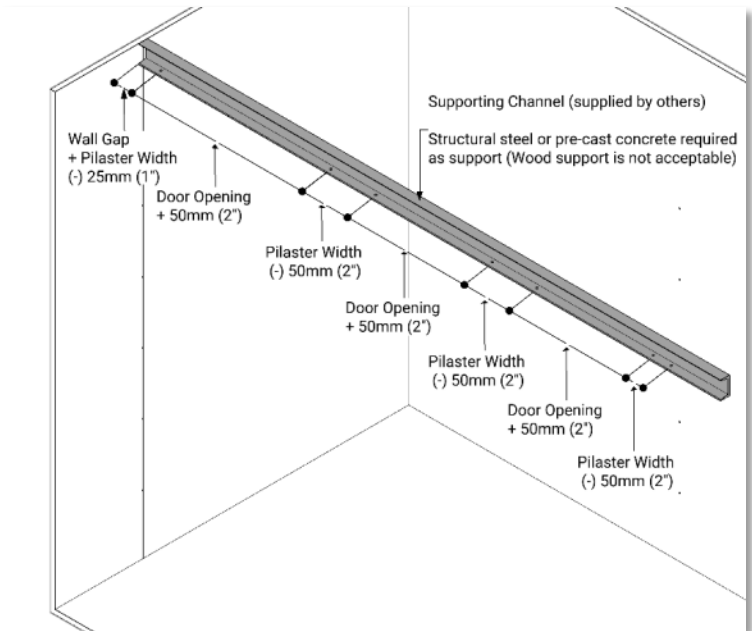Establish front centerline by taking the overall compartment dimension and deducting 16mm (5/8"). Use final layout drawings to determine locations.
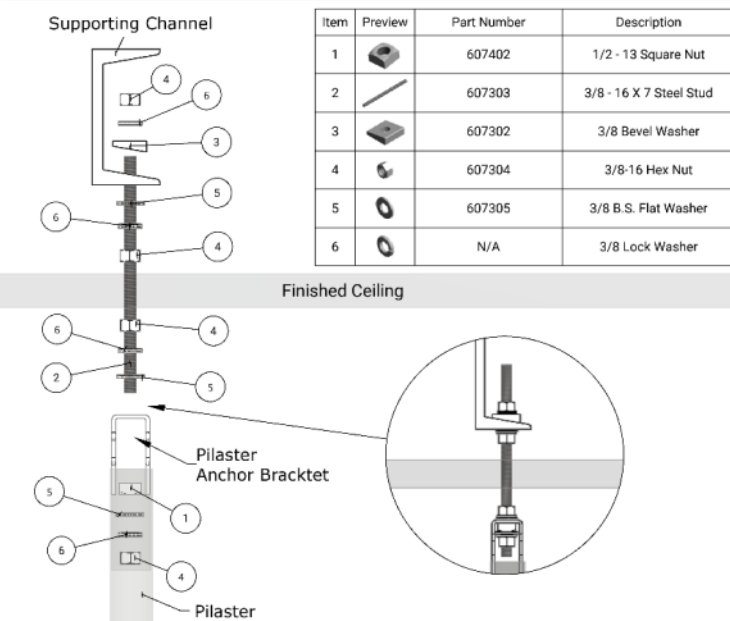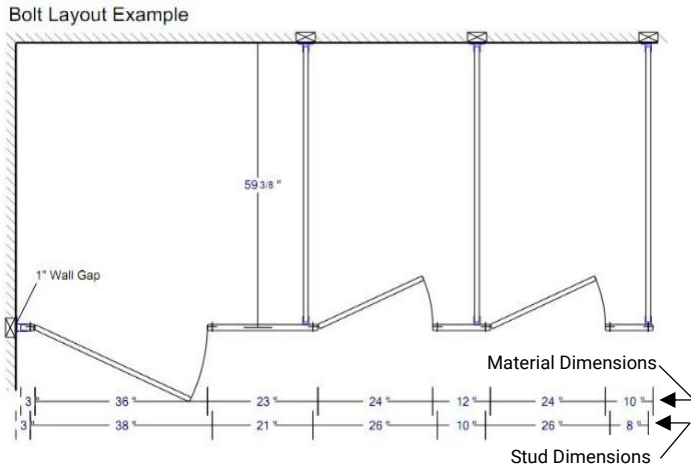

Appendix G-2 - Floor Mounted Pilasters
Establish Floor Stud Locations

Drill 57mm (2 ¼") deep holes for floor studs and position 25mm (1") in from edge of pilaster locations as indicated on layout drawings.
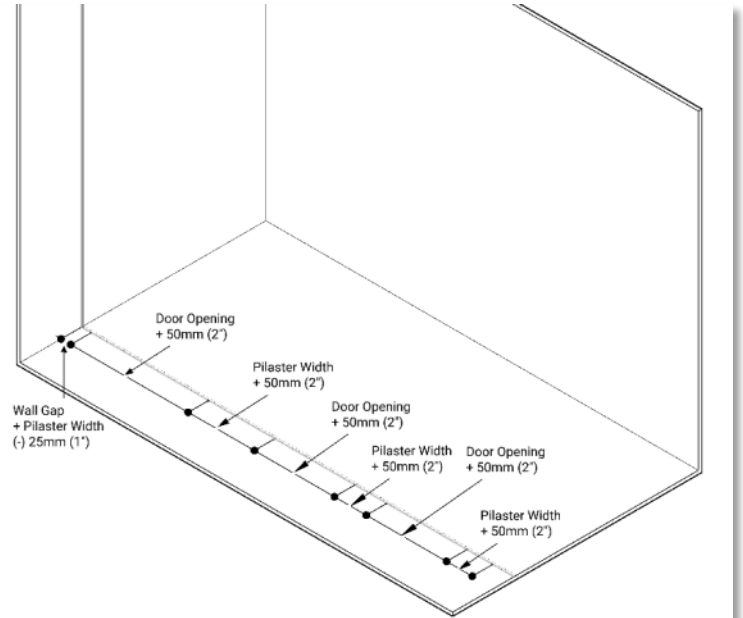
Appendix G-3 - Floor Mount Pilasters – Erect Pilaster

Install floor stud hardware.

Preview	Item	Part Number	Description
	1	607401	1/2 - 16 X 4 Steel Stud
	2	N/A	Lock Washer
	3	607305	3/8 B.S. Flat Washer
	4	607304	3/8 Hex Nut
	5	607402	1/2 - 13 Square Nut
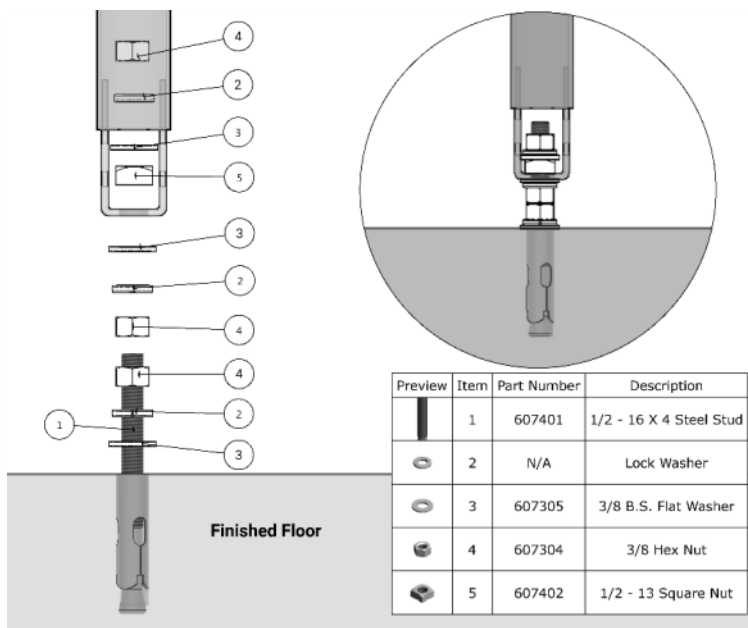
Appendix G-4 - Floor Mount Pilasters – Erect Pilaster

Position pilaster on floor studs 25mm (1") above finished floor, plumb and tighten.
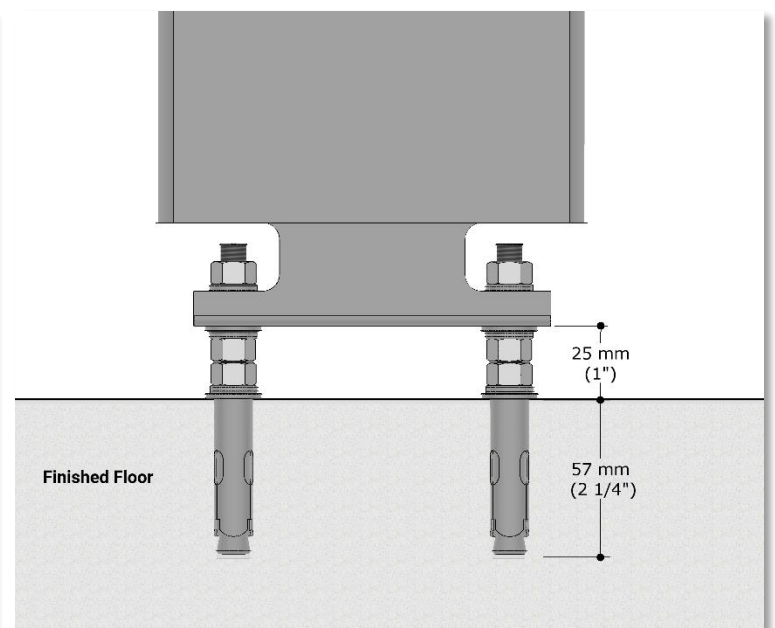
25 mm (1")

57 mm (2 1/4")

Finished Floor

Appendix H-1 - Floor to Ceiling Pilaster Ceiling Connection

Follow Appendix F-1 to F-4 for ceiling connection instructions.

Supporting Channel
"C" Channel is recommended

Finished Ceiling
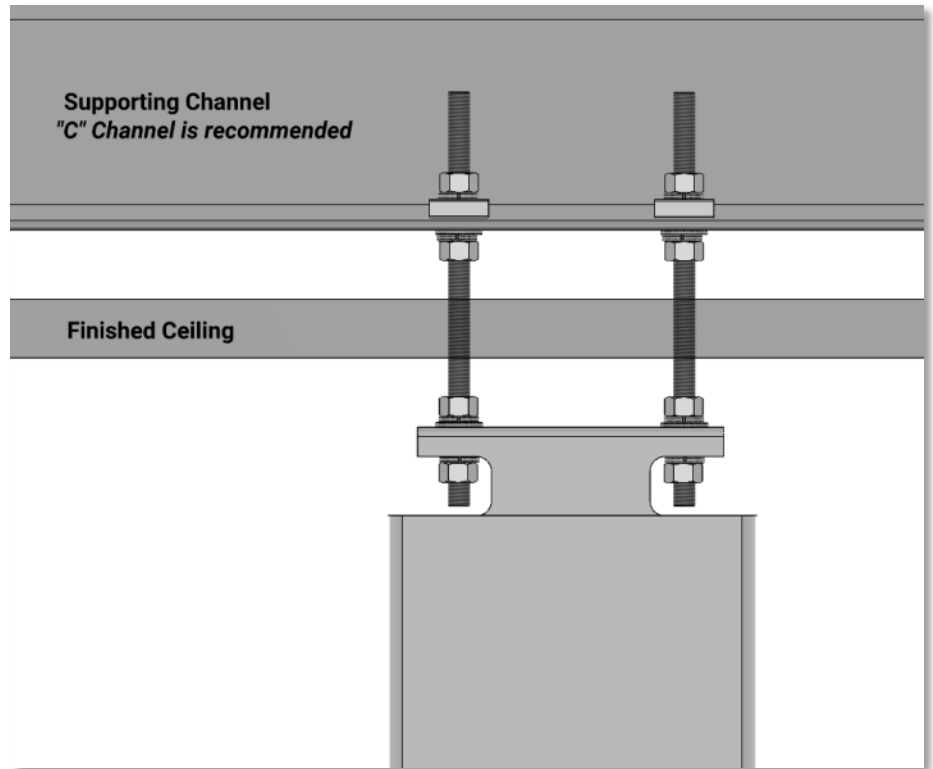
Appendix H-2 - Floor to Ceiling Pilaster Floor Connection

Follow Steps 1, 2 and 7 for floor connection instructions
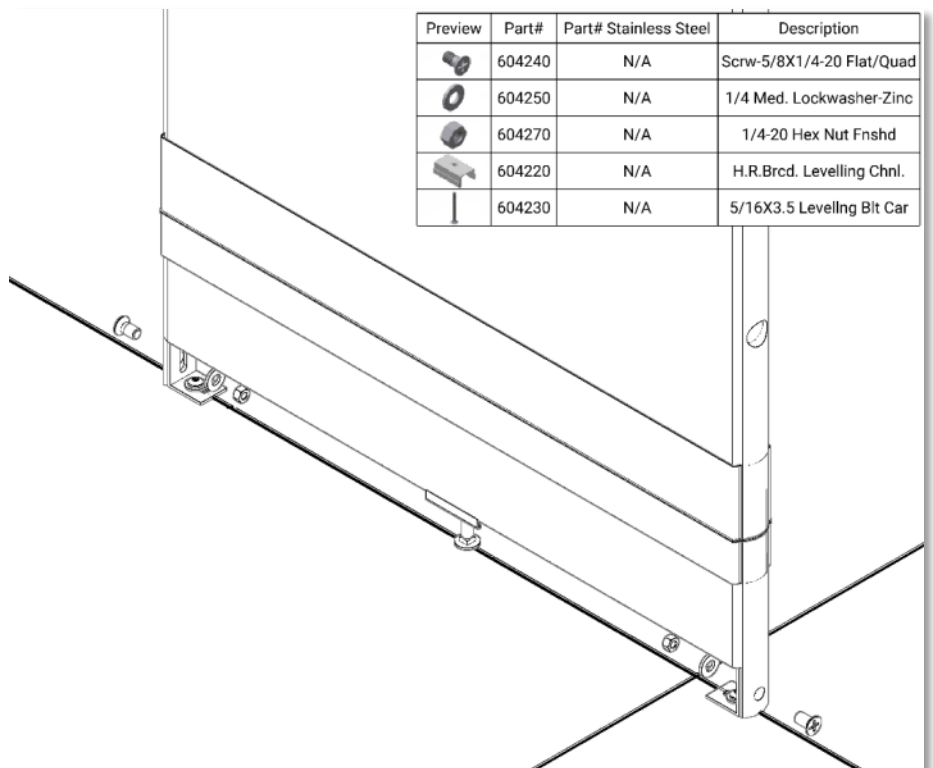
Preview	Part#	Part# Stainless Steel	Description
	604240	N/A	Scrw-5/8X1/4-20 Flat/Quad
	604250	N/A	1/4 Med. Lockwasher-Zinc
	604270	N/A	1/4-20 Hex Nut Fnshd
	604220	N/A	H.R.Brcd. Levelling Chnl.
	604230	N/A	5/16X3.5 Levellng Blt Car

Appendix I-1 – Panel Support Pedestal

Establish the panel support pedestal centerline by taking the pilaster centerline dimension and subtract 152mm (6").

Panel support pedestal

6" (152mm)

Mount panel support pedestal 6" in from the pilaster centerline dimension.
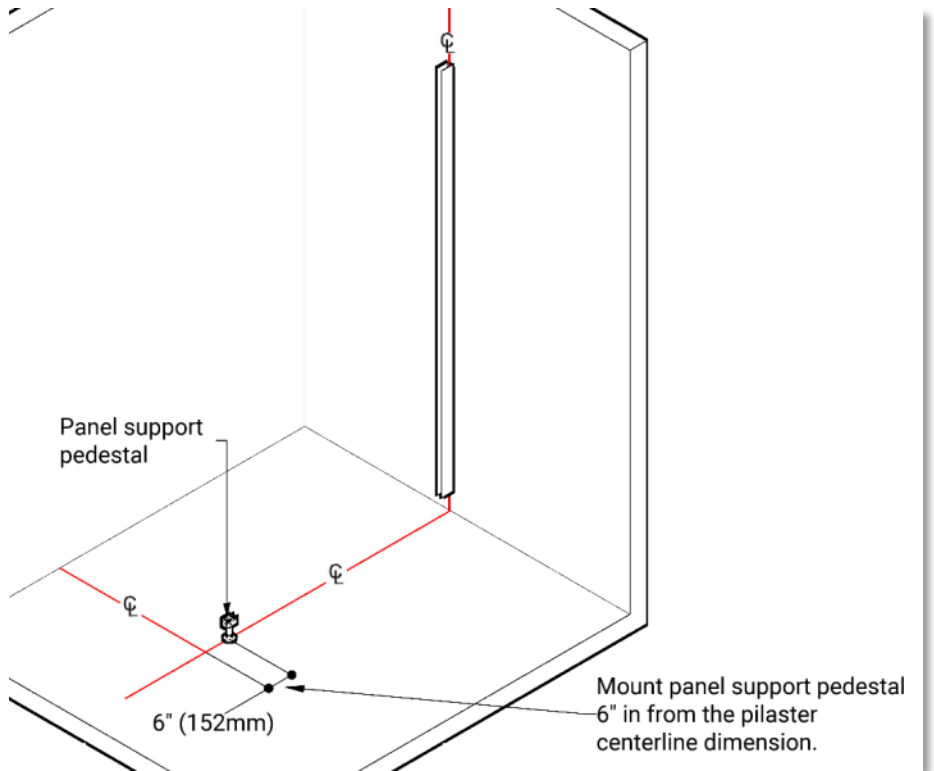
Appendix I-2 – Panel Support Pedestal

Fasten mounting plate to floor, measure and cut post, install press-fit bushing, place shoe over mounting plate and screw the post on to the mounting plate.

Cut post 1" less than the above finish floor dimension. e.g. for 9" above finish floor, cut post to be 8" long.

Post

Install press-fit bushing

Shoe

Mounting Plate

Drill 1/4" hole x3

6" (152mm)

Preview	Part#	Part# Stainless Steel	Description
	610072	610022	#12 x 1-3/4" screw 6-lobe TR-27
	610053	N/A	Plastic Anchor #14-16
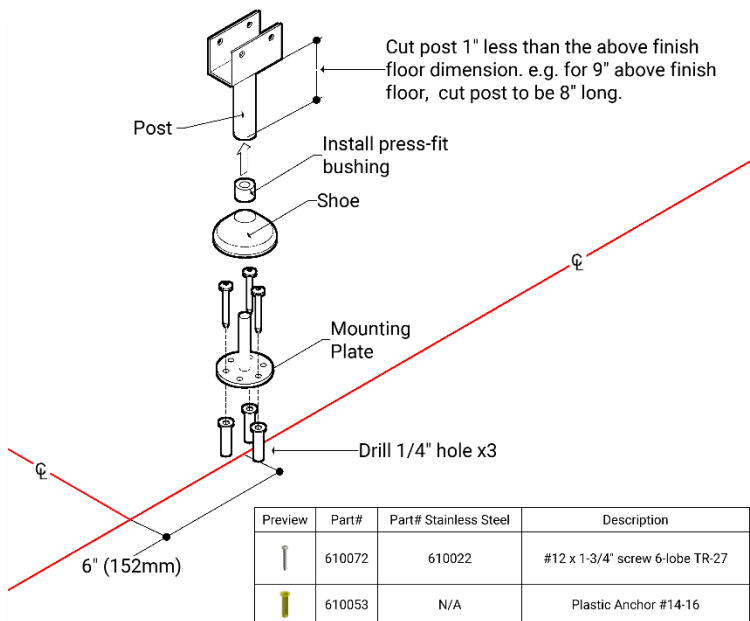
Appendix I-3 – Panel Support Pedestal

Adjust panel support pedestal to desired height and fasten panel to the pedestal post.

Preview	Part#	Part# Stainless Steel	Description
	610071	610021	#12 x 5/8" screw 6-lobe TR-27

Drill 4mm (5/32") hole

In-Line Mounted Post

Standard Series - 46" [1168mm]
Elite Series - 52" [1321mm]
Elite Plus Series - 60 $\frac{1}{2}$" [1537mm]
Elite Max Series - 61 $\frac{1}{2}$" [1562mm] to 80 $\frac{1}{2}$" [2045]

12" AFF - 46" [1168mm]
9" AFF - 52" [1321mm]
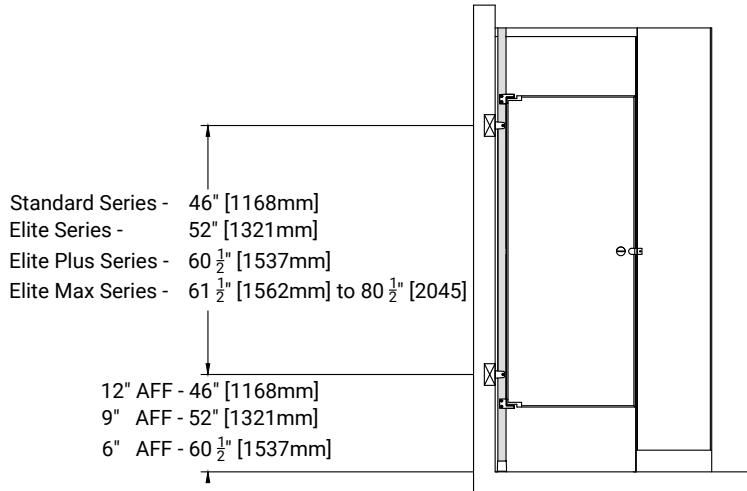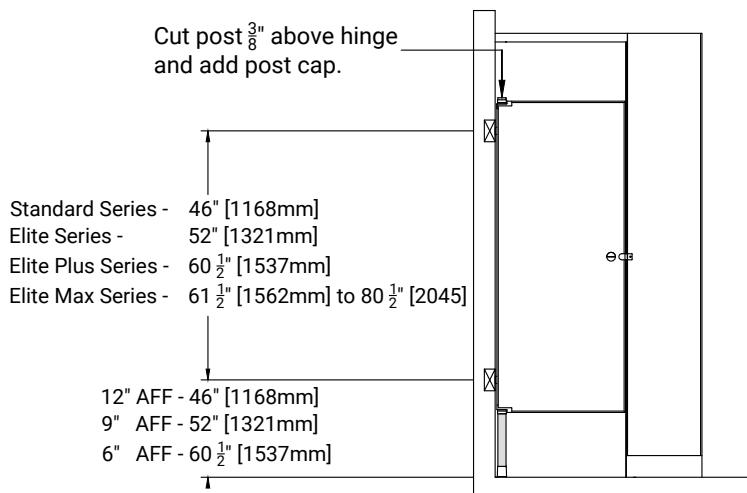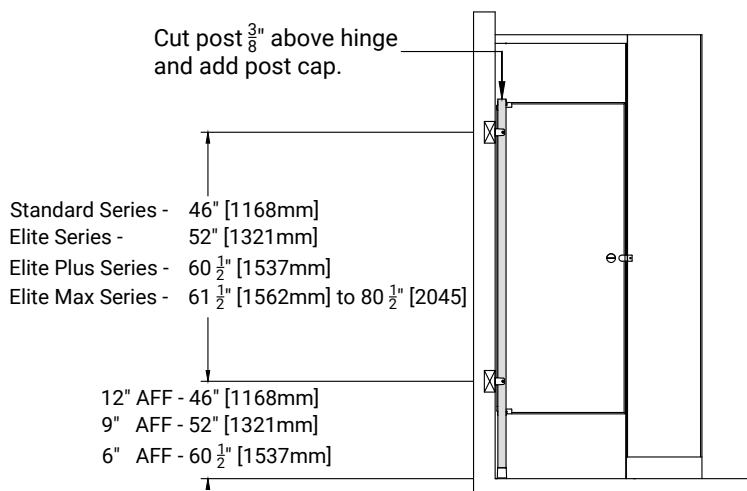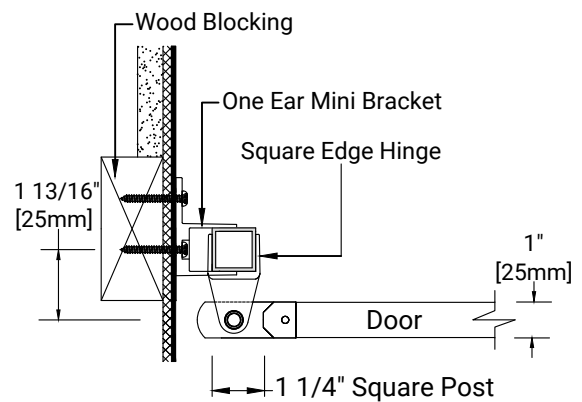6" AFF - 60 $\frac{1}{2}$" [1537mm]

Wood Blocking
One Ear Mini Bracket
Square Edge Hinge
1" [25mm]
Door
1 1/4" Square Post

Rear Mounted Post

Cut post $\frac{3}{8}$" above hinge and add post cap.

Standard Series - 46" [1168mm]
Elite Series - 52" [1321mm]
Elite Plus Series - 60 $\frac{1}{2}$" [1537mm]
Elite Max Series - 61 $\frac{1}{2}$" [1562mm] to 80 $\frac{1}{2}$" [2045]

12" AFF - 46" [1168mm]
9" AFF - 52" [1321mm]
6" AFF - 60 $\frac{1}{2}$" [1537mm]

Wood Blocking
One Ear Mini Bracket
Square Edge Hinge
1 13/16" [25mm]
1" [25mm]
Door
1 1/4" Square Post

Front Mounted Post

Cut post $\frac{3}{8}$" above hinge and add post cap.

Standard Series - 46" [1168mm]
Elite Series - 52" [1321mm]
Elite Plus Series - 60 $\frac{1}{2}$" [1537mm]
Elite Max Series - 61 $\frac{1}{2}$" [1562mm] to 80 $\frac{1}{2}$" [2045]

12" AFF - 46" [1168mm]
9" AFF - 52" [1321mm]
6" AFF - 60 $\frac{1}{2}$" [1537mm]

Wood Blocking
One Ear Mini Bracket
Door
Square Edge Hinge
[25mm] 1"
1 13/16" [25mm]
1 1/4" Square Post

Post Length Cutting Chart	
Standard Series	No cutting required
Elite Series	Post length 64 $\frac{1}{4}$"
Elite Plus Series	Post length 72 $\frac{3}{4}$"
Elite Max Series	Post length is door height plus $\frac{3}{4}$"

Standard Series -   46" [1168mm]
Elite Series -   52" [1321mm]
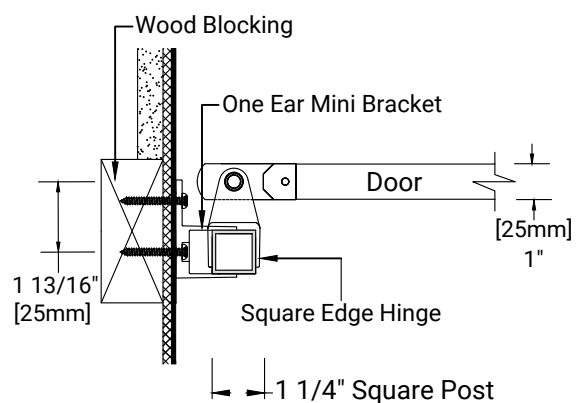
12" AFF - 46" [1168mm]
9"   AFF - 52" [1321mm]

In-Line Mounted Post

Wood Blocking
One Ear Mini Bracket
Square Edge Hinge
1" [25mm]
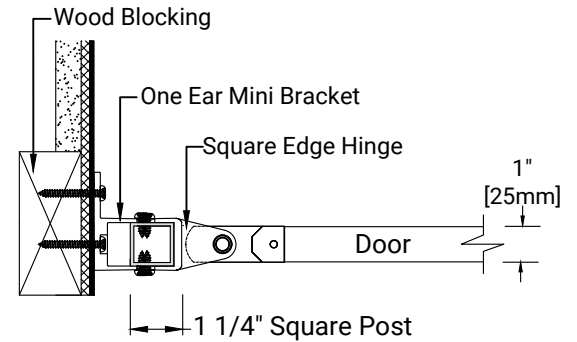Door
1 1/4" Square Post

Post Length Cutting Chart	
Standard Series	No cutting required
Elite Series	Post length 64 $\frac{1}{4}$"
Elite Plus Series	Post length 72 $\frac{3}{4}$"
Elite Max Series	Post length is door height plus $\frac{3}{4}$"

Standard Series -   46" [1168mm]
Elite Series -   52" [1321mm]

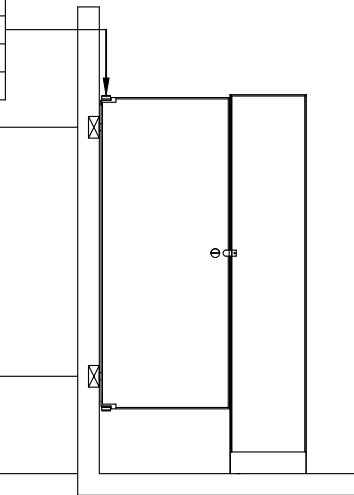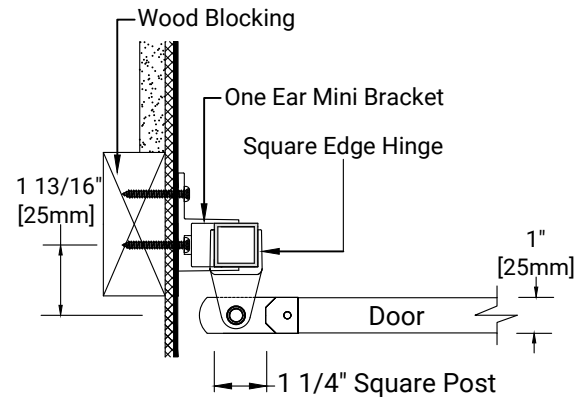12" AFF - 46" [1168mm]
9"   AFF - 52" [1321mm]

Rear Mounted Post

Wood Blocking
One Ear Mini Bracket
Square Edge Hinge
1 13/16" [25mm]
1" [25mm]
Door
1 1/4" Square Post

Post Length Cutting Chart	
Standard Series	No cutting required
Elite Series	Post length 64 $\frac{1}{4}$"
Elite Plus Series	Post length 72 $\frac{3}{4}$"
Elite Max Series	Post length is door height plus $\frac{3}{4}$"

Standard Series -   46" [1168mm]
Elite Series -   52" [1321mm]

12" AFF - 46" [1168mm]
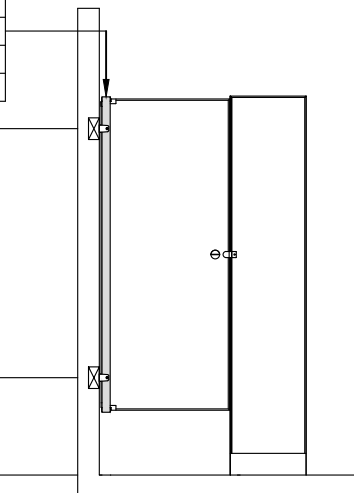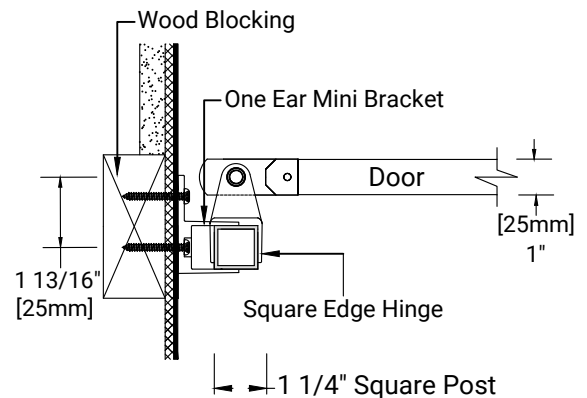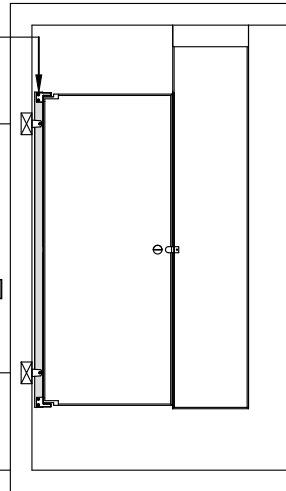9"   AFF - 52" [1321mm]

Front Mounted Post

Wood Blocking
One Ear Mini Bracket
Door
[25mm] 1"
Square Edge Hinge
1 13/16" [25mm]
1 1/4" Square Post

Post Length Cutting Chart	
Standard Series	No cutting required
Elite Series	Post length 64 $\frac{1}{4}$"
Elite Plus Series	Post length 72 $\frac{3}{4}$"
Elite Max Series	Post length is door height plus $\frac{3}{4}$"

Standard Series - 46" [1168mm]
Elite Series - 52" [1321mm]
Elite Plus Series - 60 $\frac{1}{2}$" [1537mm]
Elite Max Series - 61 $\frac{1}{2}$" [1562mm] to 80 $\frac{1}{2}$" [2045]

12" AFF - 46" [1168mm]
9" AFF - 52" [1321mm]
6" AFF - 60 $\frac{1}{2}$" [1537mm]

In-Line Mounted Post

Wood Blocking
One Ear Mini Bracket
Square Edge Hinge
1" [25mm]
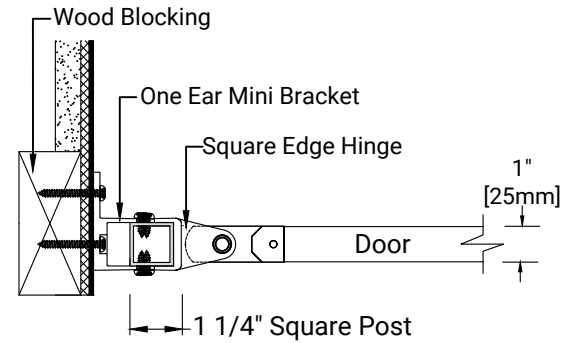Door
1 1/4" Square Post

Post Length Cutting Chart	
Standard Series	No cutting required
Elite Series	Post length 64 $\frac{1}{4}$"
Elite Plus Series	Post length 72 $\frac{3}{4}$"
Elite Max Series	Post length is door height plus $\frac{3}{4}$"

Standard Series - 46" [1168mm]
Elite Series - 52" [1321mm]
Elite Plus Series - 60 $\frac{1}{2}$" [1537mm]
Elite Max Series - 61 $\frac{1}{2}$" [1562mm] to 80 $\frac{1}{2}$" [2045]

12" AFF - 46" [1168mm]
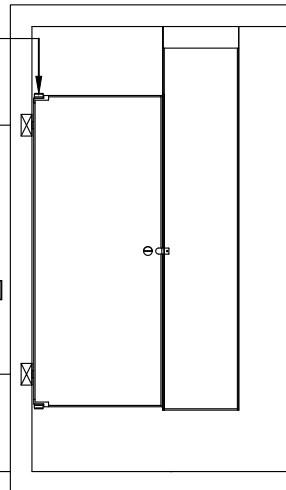9" AFF - 52" [1321mm]
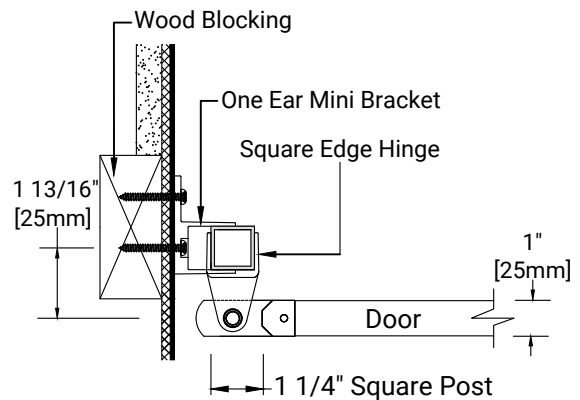6" AFF - 60 $\frac{1}{2}$" [1537mm]

Rear Mounted Post

Wood Blocking
One Ear Mini Bracket
Square Edge Hinge
1 13/16" [25mm]
1" [25mm]
Door
1 1/4" Square Post

Post Length Cutting Chart	
Standard Series	No cutting required
Elite Series	Post length 64 $\frac{1}{4}$"
Elite Plus Series	Post length 72 $\frac{3}{4}$"
Elite Max Series	Post length is door height plus $\frac{3}{4}$"

Standard Series - 46" [1168mm]
Elite Series - 52" [1321mm]
Elite Plus Series - 60 $\frac{1}{2}$" [1537mm]
Elite Max Series - 61 $\frac{1}{2}$" [1562mm] to 80 $\frac{1}{2}$" [2045]

12" AFF - 46" [1168mm]
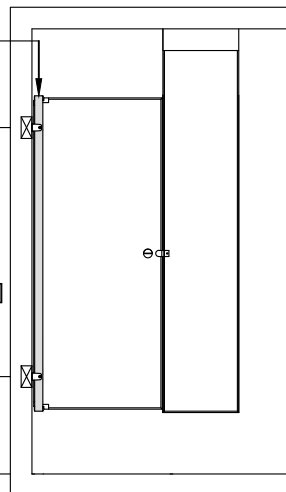9" AFF - 52" [1321mm]
6" AFF - 60 $\frac{1}{2}$" [1537mm]

Front Mounted Post
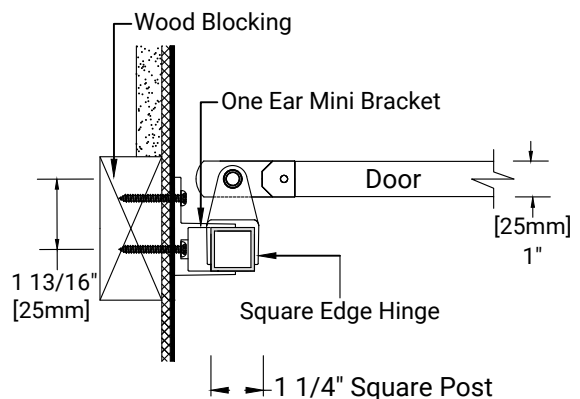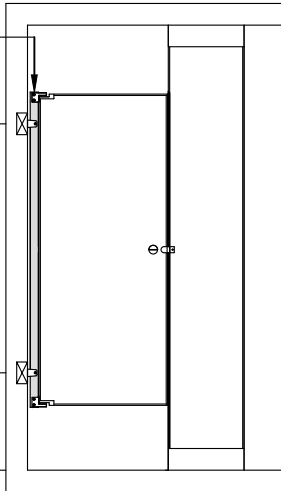
Wood Blocking
One Ear Mini Bracket
Door
1 13/16" [25mm]
[25mm] 1"
Square Edge Hinge
1 1/4" Square Post
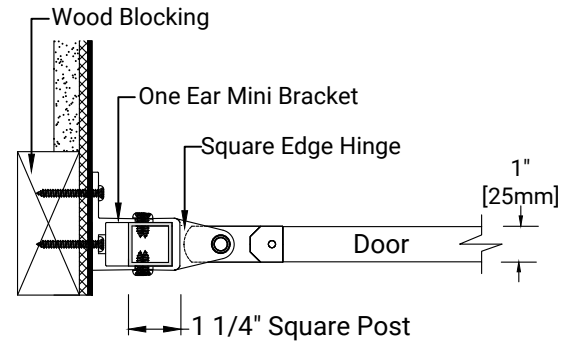
In-Line Mounted Post

Post Length Cutting Chart	
Standard Series	No cutting required
Elite Series	Post length 64 $\frac{1}{4}$"
Elite Plus Series	Post length 72 $\frac{3}{4}$"
Elite Max Series	Post length is door height plus $\frac{3}{4}$"

Standard Series - 46" [1168mm]
Elite Series - 52" [1321mm]
Elite Plus Series - 60 $\frac{1}{2}$" [1537mm]
Elite Max Series - 61 $\frac{1}{2}$" [1562mm] to 80 $\frac{1}{2}$" [2045]

12" AFF - 46" [1168mm]
9" AFF - 52" [1321mm]
6" AFF - 60 $\frac{1}{2}$" [1537mm]

Wood Blocking
One Ear Mini Bracket
Square Edge Hinge
1" [25mm]
Door
1 1/4" Square Post

Rear Mounted Post

Post Length Cutting Chart	
Standard Series	No cutting required
Elite Series	Post length 64 $\frac{1}{4}$"
Elite Plus Series	Post length 72 $\frac{3}{4}$"
Elite Max Series	Post length is door height plus $\frac{3}{4}$"

Standard Series - 46" [1168mm]
Elite Series - 52" [1321mm]
Elite Plus Series - 60 $\frac{1}{2}$" [1537mm]
Elite Max Series - 61 $\frac{1}{2}$" [1562mm] to 80 $\frac{1}{2}$" [2045]

12" AFF - 46" [1168mm]
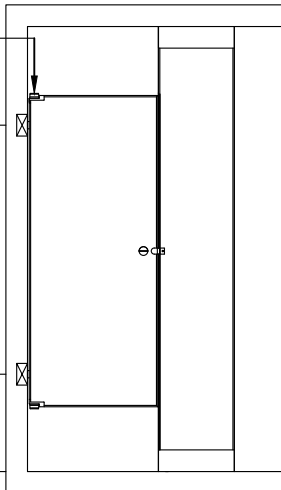9" AFF - 52" [1321mm]
6" AFF - 60 $\frac{1}{2}$" [1537mm]

Wood Blocking
One Ear Mini Bracket
Square Edge Hinge
1 13/16" [25mm]
1" [25mm]
Door
1 1/4" Square Post

Front Mounted Post

Post Length Cutting Chart	
Standard Series	No cutting required
Elite Series	Post length 64 $\frac{1}{4}$"
Elite Plus Series	Post length 72 $\frac{3}{4}$"
Elite Max Series	Post length is door height plus $\frac{3}{4}$"

Standard Series - 46" [1168mm]
Elite Series - 52" [1321mm]
Elite Plus Series - 60 $\frac{1}{2}$" [1537mm]
Elite Max Series - 61 $\frac{1}{2}$" [1562mm] to 80 $\frac{1}{2}$" [2045]

12" AFF - 46" [1168mm]
9" AFF - 52" [1321mm]
6" AFF - 60 $\frac{1}{2}$" [1537mm]

Wood Blocking
One Ear Mini Bracket
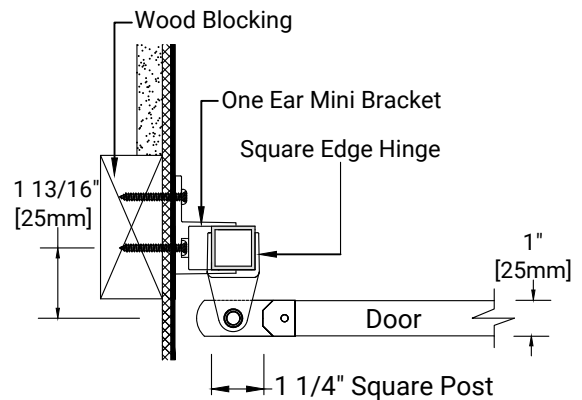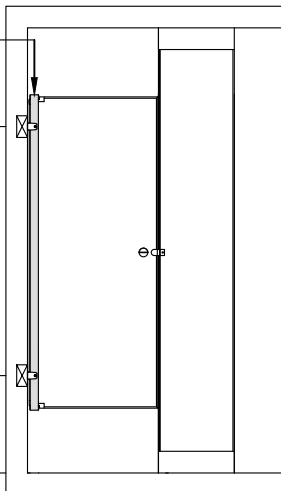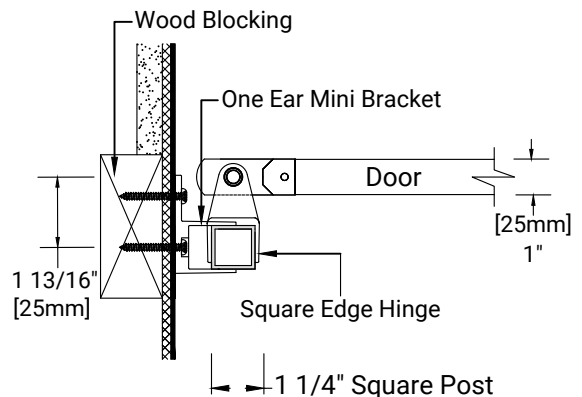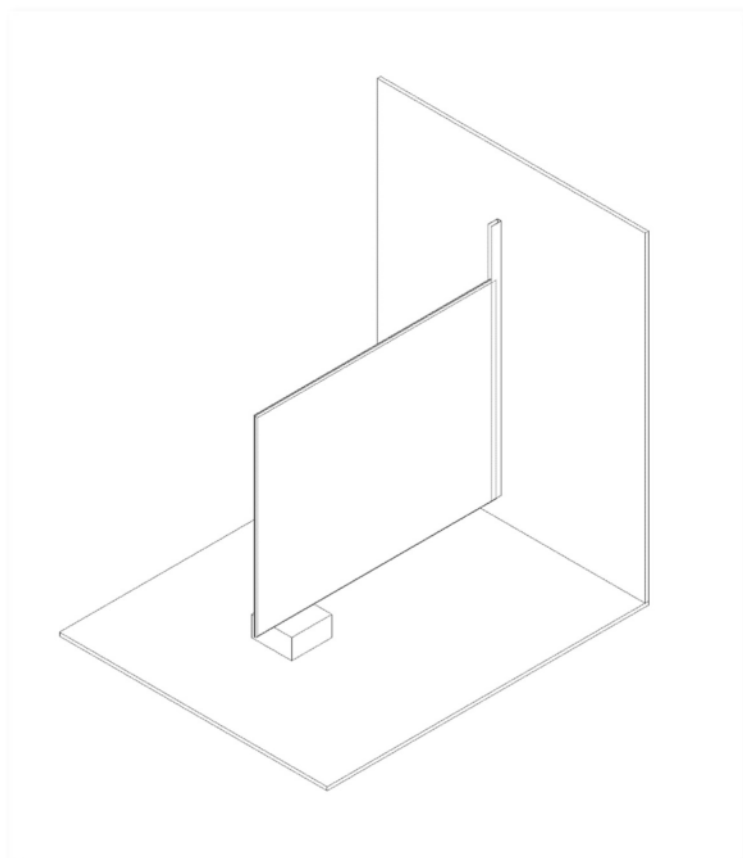Door
[25mm] 1"
Square Edge Hinge
1 13/16" [25mm]
1 1/4" Square Post

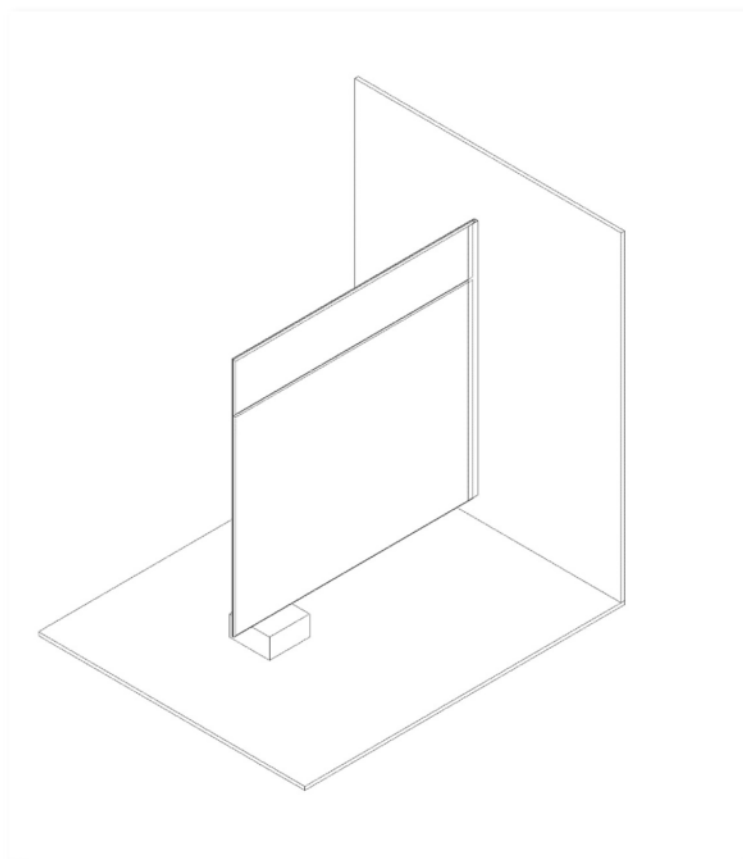**Installation Manual** for Metal Toilet Partitions – Elite, Elite Plus & Elite Max Series

Appendix N-1 – Transom Panel

Follow steps 1-3 on pages 4-6. Place bottom panel on block, level and fasten to channels.

Appendix N-2 – Transom Panel

Place top panel (transom panel) on top of the bottom panel and fasten to channel.

Series	Bottom Panel Size	Top Panel Size (Transom)	Total Height
Elite	57 ½" High x Depth	6" High x Depth	63 ½"
Elite Plus	57 ½" High x Depth	14 ½" High x Depth	72"
Elite Max	57 ½" High x Depth	15 ½" – 34 ½" High x Depth	73" – 92"