

**For Standard Height
Doors and Panels Only**

Installation

**Baked Enamel & Stainless Steel
Floor-Mounted Overhead-Braced
Restroom Partitions - Series 400**



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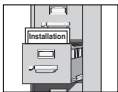
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IMPORTANT!



Read this entire installation manual to ensure proper installation. When finished with the installation, file this manual with the owner or maintenance department. Compliance and conformity to local codes and ordinances is the responsibility of the installer.



Separate parts from packaging and make sure all parts are accounted for before discarding packaging material. If parts are missing, do not begin installation until you obtain the missing parts. Leave the protective masking on until installation is complete. To prevent warping, always lay the material flat. Do not lean the material against the wall or stack unevenly.



Product warranties may be found under "Products" on our web site at www.bradleycorp.com.

Supplies required:

- Chalk line and pencil
- Jigsaw or hacksaw
- 9/64", 3/16", 7/32" and 1/4" drill bits
- 5/16" ceramic tile and masonry drill bit
- Circular saw
- Tape measure and 4' level
- Two spring clamps
- Power drill or screw gun with drill bit extension
- Hammer drill
- Spacer, 12" high and deep enough to support panel

Hardware Supplied



#10-12
PLASTIC ANCHOR
FAST-T281



#14-16
PLASTIC ANCHOR
FAST-T373



#14 x 2" BUTTON HD
SHEET METAL SCREW
TORX-T27 DRIVE
FAST-Z002



#14 x 5/8" BUTTON HD
SHEET METAL SCREW
TORX-T27 DRIVE
FAST-Z0016



#14 x 5/8" BUTTON HD
SELF-TAPPING SCREW
TORX-T27 DRIVE
FAST-S355A



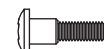
#10 x 5/8" BUTTON HD
SHEET METAL SCREW
TORX-T27 DRIVE
FAST-Z0019



#10 x 2" FLAT HD
SHEET METAL SCREW
TORX-T25 DRIVE
FAST-Z0023



#10 x 3/4" FLAT HD
SHEET METAL SCREW
TORX-T25 DRIVE
FAST-Z0006



#10-24x3/4" BUTTON HD
SHOULDER SCREW
TORX-T27 DRIVE
FAST-Z004



#10-24 x 1" BUTTON HD
SHOULDER SCREW
TORX-T27 DRIVE
FAST-Z004A



#10-24 x 1-3/8" BUTTON HD
SHOULDER SCREW
TORX-T27 DRIVE
FAST-Z0003



#10-24 x 3/4" BUTTON HD
BARREL NUT
TORX-T27 DRIVE
FAST-Z003



#8 x 5/8" FLAT HD
SHEET METAL SCREW
TORX-T10 DRIVE
FAST-T346



#5-40 x 5/8" FLAT HD
MACHINE SCREW
TORX-T10 DRIVE
FAST-T300

Installation Instructions

Step 1: Layout Dimensions - Stirrup Brackets

NOTE: When installing the partition components, consult the applicable Mills Partition submittal drawing for compartment layout dimensions.

1. To locate the pilaster centerline, measure from the back wall forward to the face of the compartment (Figure 1b "A"), subtract 5/8" and mark this location on the floor. Mark the same measurement on the opposite end of your layout (Figure 1b "A1") and draw a straight line connecting both marks.
FOR FREESTANDING (FS) PARTITIONS: Refer to submittal drawings and determine the approximate location of the outside panels. Establish dimensions "A" and "A1" as explained above.
2. To locate the panel centerline, measure the stall width across the back wall and place a mark at the base of the rear wall (Figure 1b "B"). Repeat this step for each panel, starting each measurement from the last panel centerline (Figure 1b "B1").
3. To locate the stirrup brackets, draw a plumb line on all walls from each pilaster and panel center. From the highest point in the room, measure 18" and 64" from the floor and place a mark on the pilaster/panel plumb line. These marks represent the hole center line of the stirrup brackets. Use a level to transfer that mark to all other plumb lines (Figure 1b "C").

Figure 1a - Submittal Drawing Example

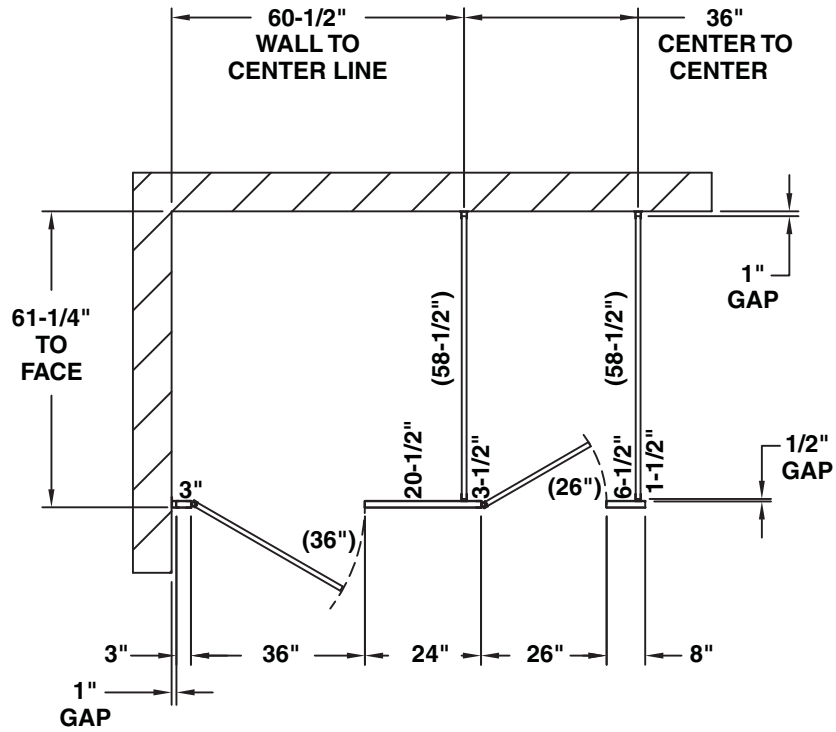
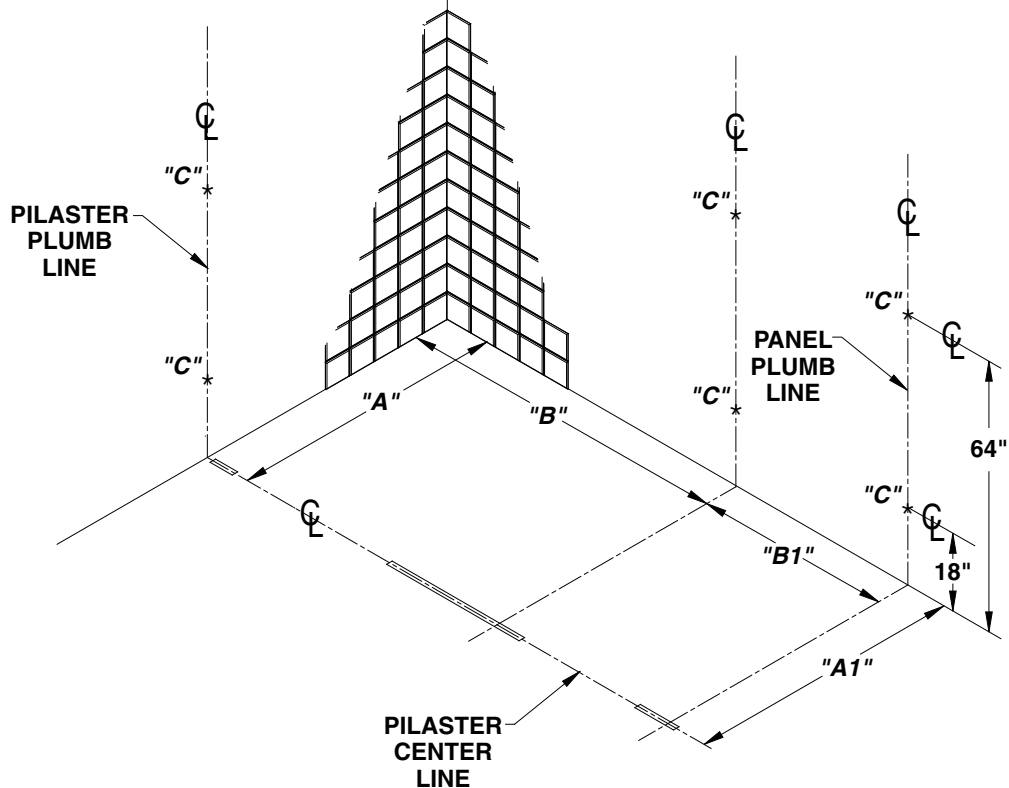


Figure 1b - Stirrup Bracket Installation



Installation Instructions *continued* . . .

Step 2: Install Stirrup Brackets to Wall

NOTE: Refer to Figure 2a for two-eared brackets and Figure 2b for one-eared brackets.

1. Place the center of the stirrup bracket at each established level line. Center the bracket opening on the pilaster/panel plumb line. Using the bracket as a template, mark the hole locations on the wall. Remove the bracket and drill a 5/16" dia. hole (min. 2" deep) at each hole location.
2. Insert plastic anchors and secure brackets to the wall with fasteners provided.

Step 3: Install Stirrup Brackets to Pilaster

NOTE: Refer to Figure 3a for "U" brackets, Figure 3b for alcove brackets and Figure 3c for one-eared brackets.

1. Refer to the submittal drawing to locate the split dimension of the pilaster bracket.
2. To locate the brackets, measure down from the top of the pilaster and place a mark on the pilaster split centerline as shown. These marks represent the level line for the stirrup brackets.
3. Place the center of the stirrup bracket at each established level line. Center the bracket opening on the panel plumb line. Using the bracket as a template, mark the hole locations on the pilaster. Remove the bracket and drill a 3/16" dia. pilot hole (through inside face of pilaster only) at each location.



Do not permit drill bit to touch outside face of pilaster.

4. Secure the brackets to the pilasters using the hardware provided for "U" brackets or alcove brackets.

Figure 2a - Two-eared Bracket

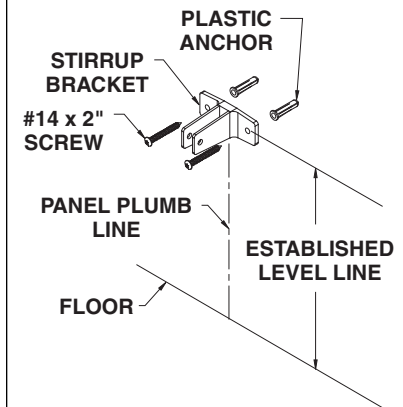


Figure 2b - One-eared Bracket

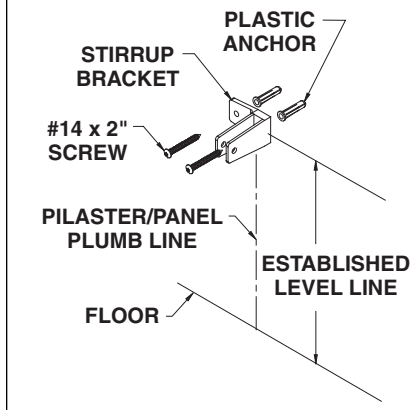


Figure 3a - "U" Bracket

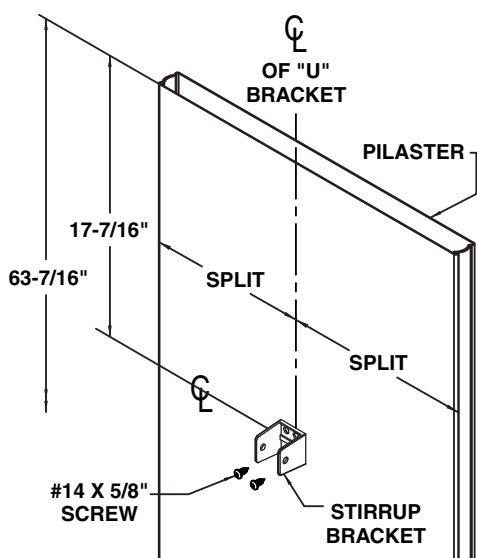


Figure 3b - Alcove Bracket

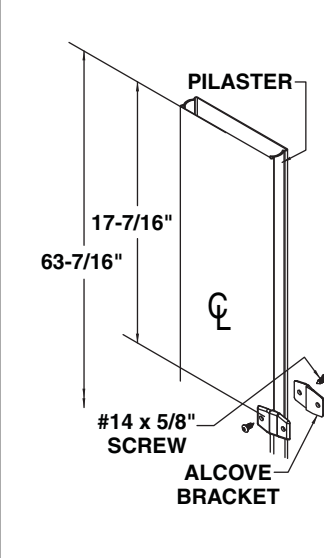
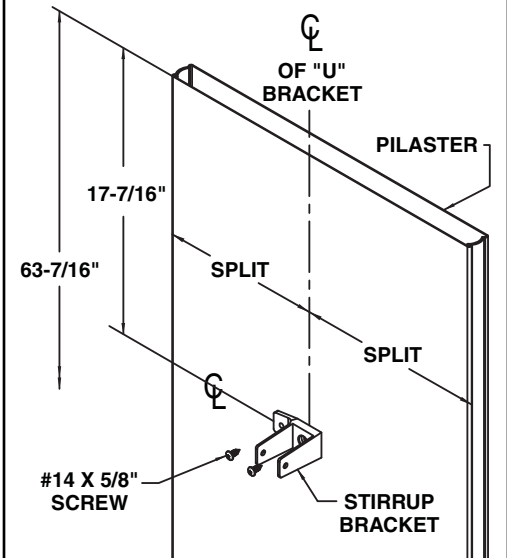


Figure 3c - One-Eared Bracket



Installation Instructions

continued . . .

Step 4: Install Pilaster Mounting Hardware

1. Refer to your submittal drawings to determine placement of the anchors on the pilaster centerline (see Figure 4a).
2. Drill 5/16" dia. x 2" minimum deep holes in the floor and remove all dirt and debris from the holes.
3. Insert the plastic anchors into the holes and secure as shown in Figure 4b.
4. Repeat procedures #2-3 for remaining hole locations.

Figure 4a - Anchor Placement Example

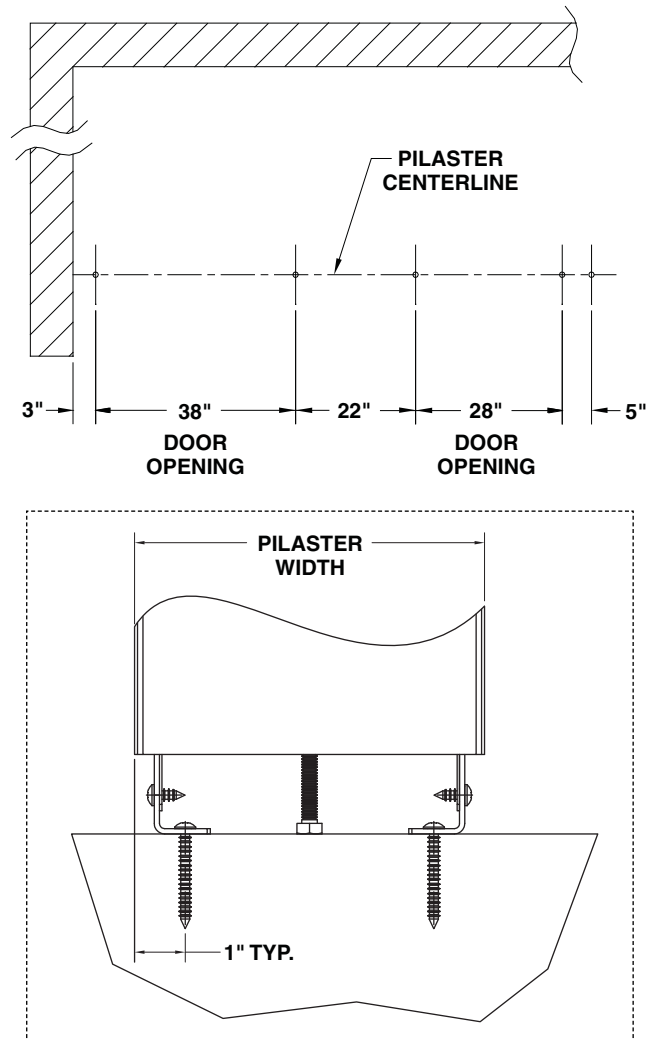
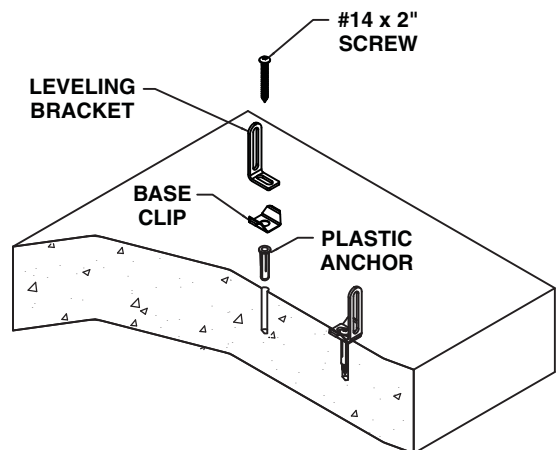


Figure 4b - Pilaster Mounting Hardware



Installation Instructions *continued* . . .

Step 5: Install Panels and Pilasters

NOTE: Start at one end and install a panel, then a pilaster. Continue alternating until installation is complete. When installing in an alcove or in-corner alcove, use an alcove bracket to secure the pilaster to the panel.

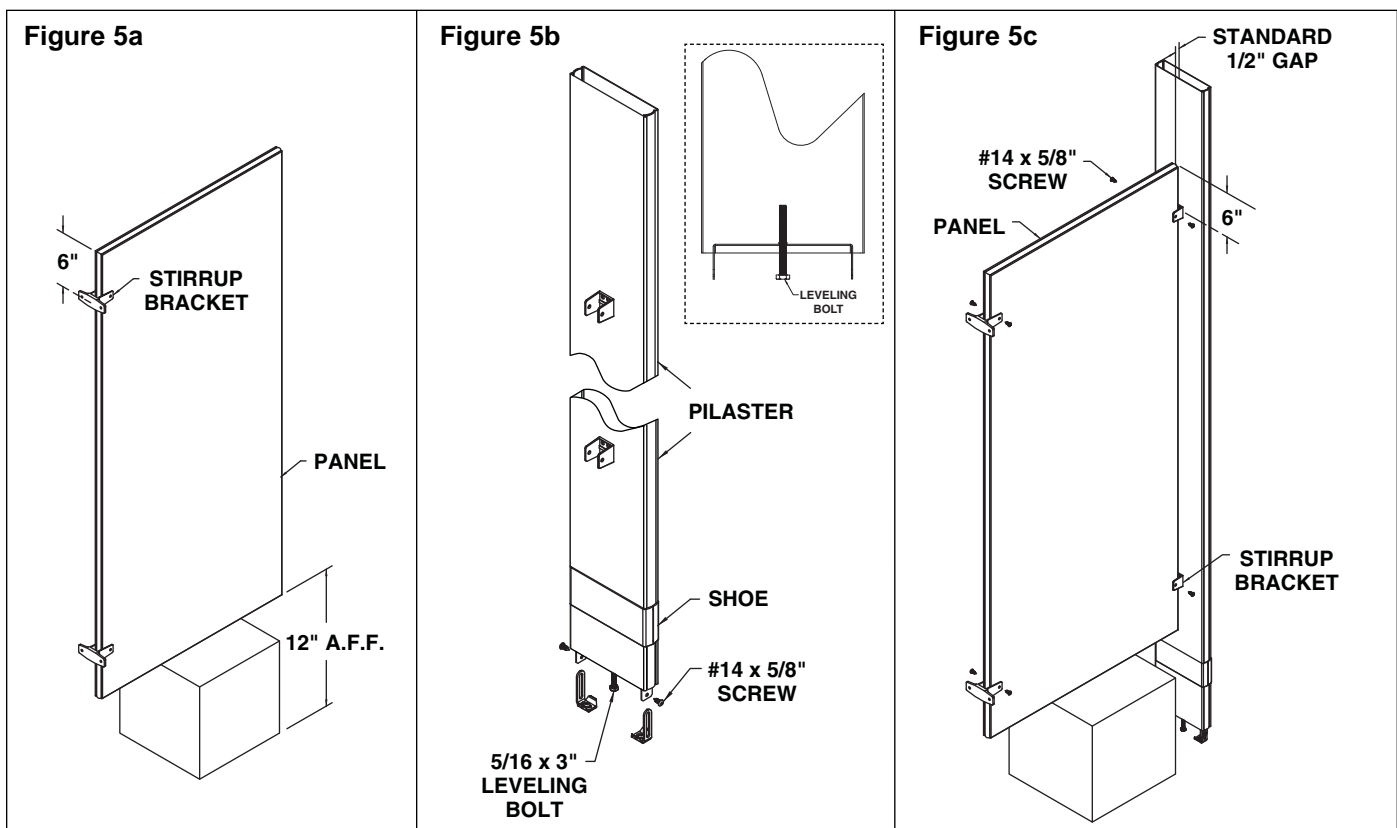
1. Using a 12" spacer to help support the panel weight, place a panel on the spacer and insert the panel into the stirrup bracket. Adjust the panel height to maintain the 6" dim. shown in Figure 5a.
2. Thread the leveling bolt into the leveling bar leaving 3/4" of the bolt exposed (see inset below).
3. Slide the shoes carefully over the mounting end of the pilasters and leave approximately 5" above bottom end.
4. Place the pilaster between the "L" brackets and fasten loosely with screws at pre-drilled locations on each side (see Figure 5b).

NOTE: Refer to your submittal drawing and leave the appropriate gap (standard gap is 1/2") between the panel and the pilaster (see Figure 5c).

5. Make sure the pilasters are plumb and level to each other. The pilaster height can be adjusted by moving the leveling bolt to achieve the 6" dim. as shown. Using the stirrup bracket as a template, drill a 3/16" dia. hole in the panel. Secure the panel to the pilaster with fasteners provided.

NOTE: Refer to your submittal drawing and leave the appropriate gap (standard gap is 1") between the panel and the wall.

6. Using the stirrup brackets as a template, drill a 3/16" dia. hole in the panel. Secure the panel to the bracket with fasteners provided.
7. Repeat procedures 1–6 to install remaining pilasters and panels.

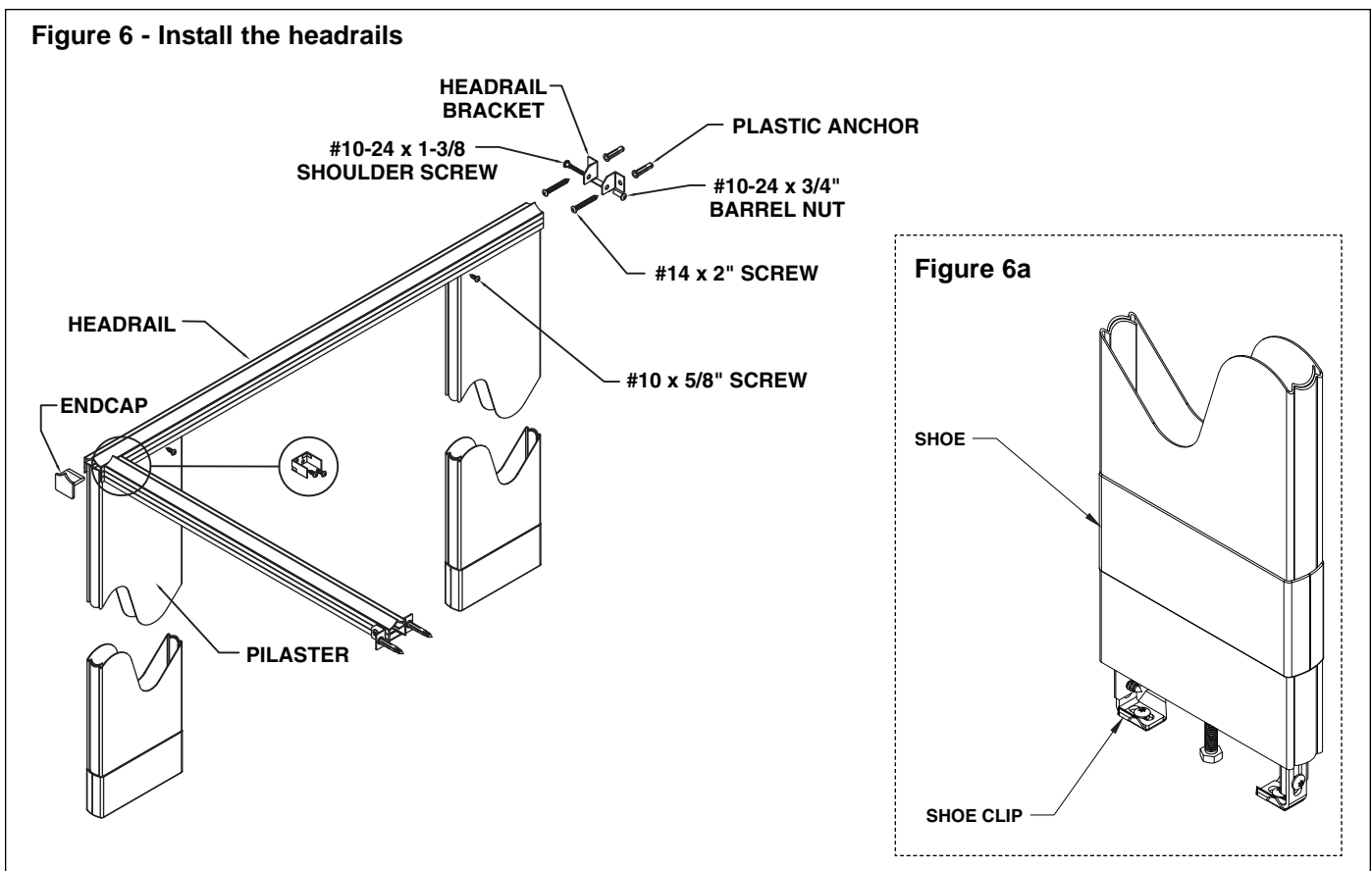


Installation Instructions *continued* . . .

Step 6: Headrail

NOTE: Refer to Figure 6 when installing the headrail.

1. Place the headrail across the top of the pilasters and slide it tight against the side wall. Mark the outline of the headrail on the wall and remove the headrail.
2. Place the headrail bracket on the outline marked on the wall. Mark the bracket mounting holes and drill a 5/16" dia. hole (minimum 2" deep). Install wall anchors.
3. Secure the headrail bracket to the wall anchors using fasteners provided.
4. Place the headrail across the top of the pilasters and slide it tight into the mounting bracket. Use the headrail bracket as a template and drill a 1/4" dia. hole through the headrail.
5. Secure the headrail to the bracket using hardware provided.
6. Make sure that the pilaster is plumb. Leave the appropriate door opening between the pilasters as shown on your submittal drawing. Securely tighten the pilaster mounting hardware on the floor
7. On the back of the first pilaster, drill a 7/32" dia. hole through one face of the headrail only. Using this hole as a template, drill a 9/64" dia. pilot hole through one face of the pilaster only.
8. Secure the headrail to the back of the first pilaster using the fasteners provided.
9. Carefully slide the shoe down the pilaster and snap into the shoe clip (see Figure 6a).
10. Repeat Procedures 6–9 to secure the headrail to the remaining pilasters.

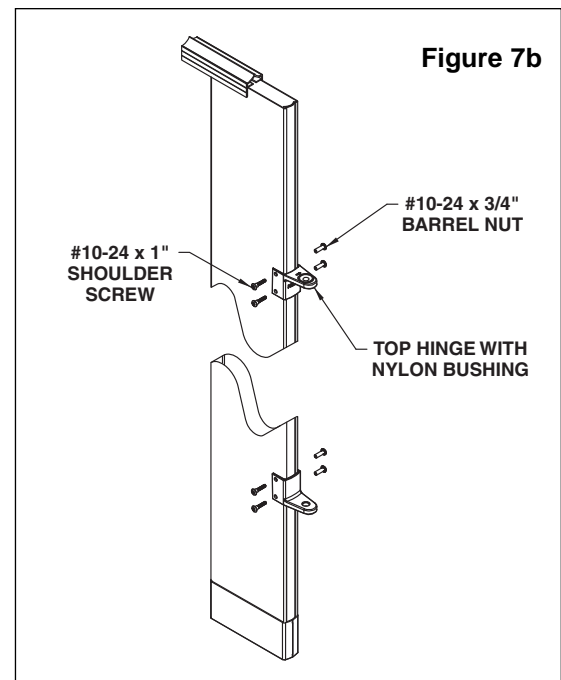
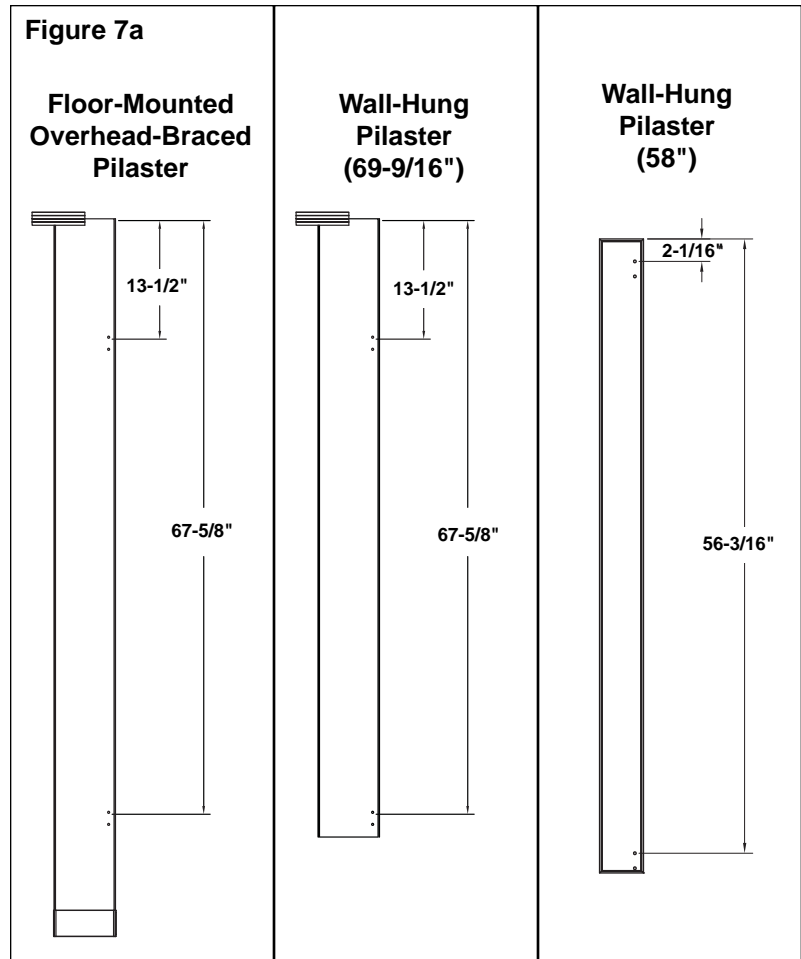


Installation Instructions *continued* . . .

Step 7: Install Gravity-Cam Hinges

NOTE: Before installing the hinges, make sure the door openings are the appropriate size, the pilasters are plumb, and the headrail is installed. Refer to Figures 7a–7d found on pages 8–9.

1. Determine the door swing by facing the compartment from the outside. The Mills submittal drawings will detail the specific door swing.
 2. To locate the pilaster hinge, measure from the top of the pilaster and mark a level line as shown in Figure 7a. This line represents the upper hole location of the top and bottom hinge.
 3. Using the hinge as a template, drill 1/4" dia. holes through the pilaster. Secure the top and bottom pilaster hinge to the pilaster with the hardware provided (see Figure 7b).
 4. Assemble the bottom hinge cam and pin (see Figure 7c). Thread the locknut loosely onto the bottom hinge pin.
 5. Place the bottom door hinge into the bottom pilaster hinge. Place the top door hinge into the top pilaster hinge, then insert the top hinge pin (see Figure 7d, page 9).
- NOTE: The top hinge pin should snap securely into place.*
6. Rotate the door to the desired “at rest” position. Push down on the door while holding it in the “at rest” position. This sets the male and female cams in the bottom hinge. For doors requiring a full close, rotate the door 15° past the closed position, then tighten the hex nut to secure the door in the “at rest” position.
 7. Repeat Procedures 1–6 for remaining doors.



Installation Instructions *continued . . .*

Figure 7c

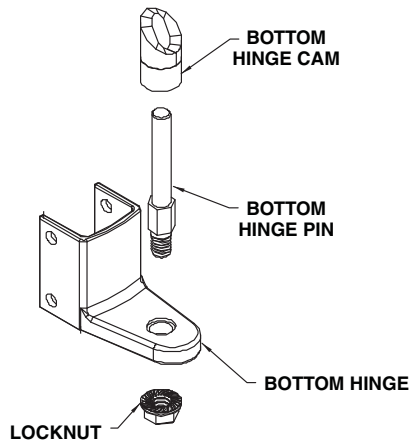
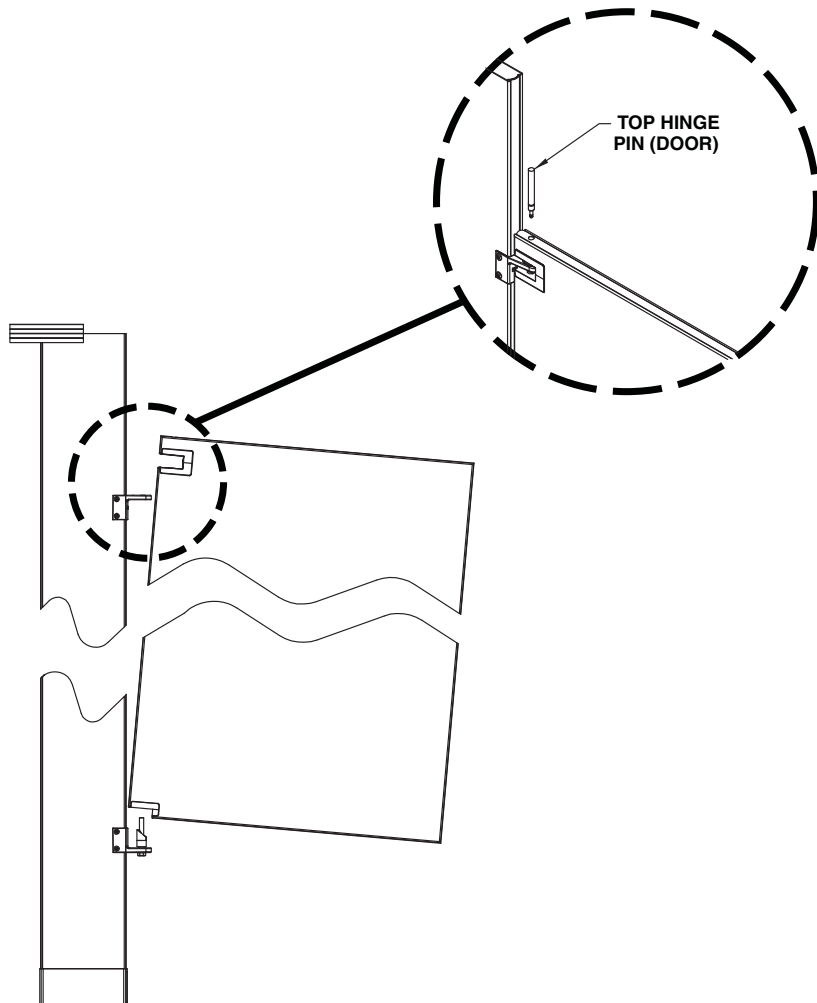


Figure 7d



Installation Instructions *continued* . . .

Step 8a: Concealed Latch and Strike/keeper for Inswing Doors

NOTE: Refer to the details in Figure 8a when installing inswing doors. ADA COMPLIANT DOORS: When installing coat hook, wall bumper and door pull, refer to Figure 8b for proper location.

1. Assemble the latch as shown in Figure 8a. Tighten the fasteners and insert the latch bolt, pushing in until it snaps into place.
2. Place the strike/keeper on the pilaster and center it on the opposing latch bolt.
3. **Wrap Around Strike/Keeper Applications:** Using the strike/keeper as a template, mark the hole locations on the pilasters. Remove the strike/keeper and drill 1/4" dia. holes through the pilaster. Secure to the pilaster with fasteners provided.

Flat Strike/Keeper Applications: Using the flat strike/keeper as a template, mark the hole locations on the pilasters. Remove the strike/keeper and drill 1/8" dia. holes through one face of the pilaster only. Secure to the pilaster with fasteners provided.

⚠ Do not permit drill bit to touch outside face of pilaster.

4. **Inswing ADA Doors:** For 34" and 36" doors, drill a 1/4" dia. hole through the door and mount the door pull to the inside of the door with fasteners provided.

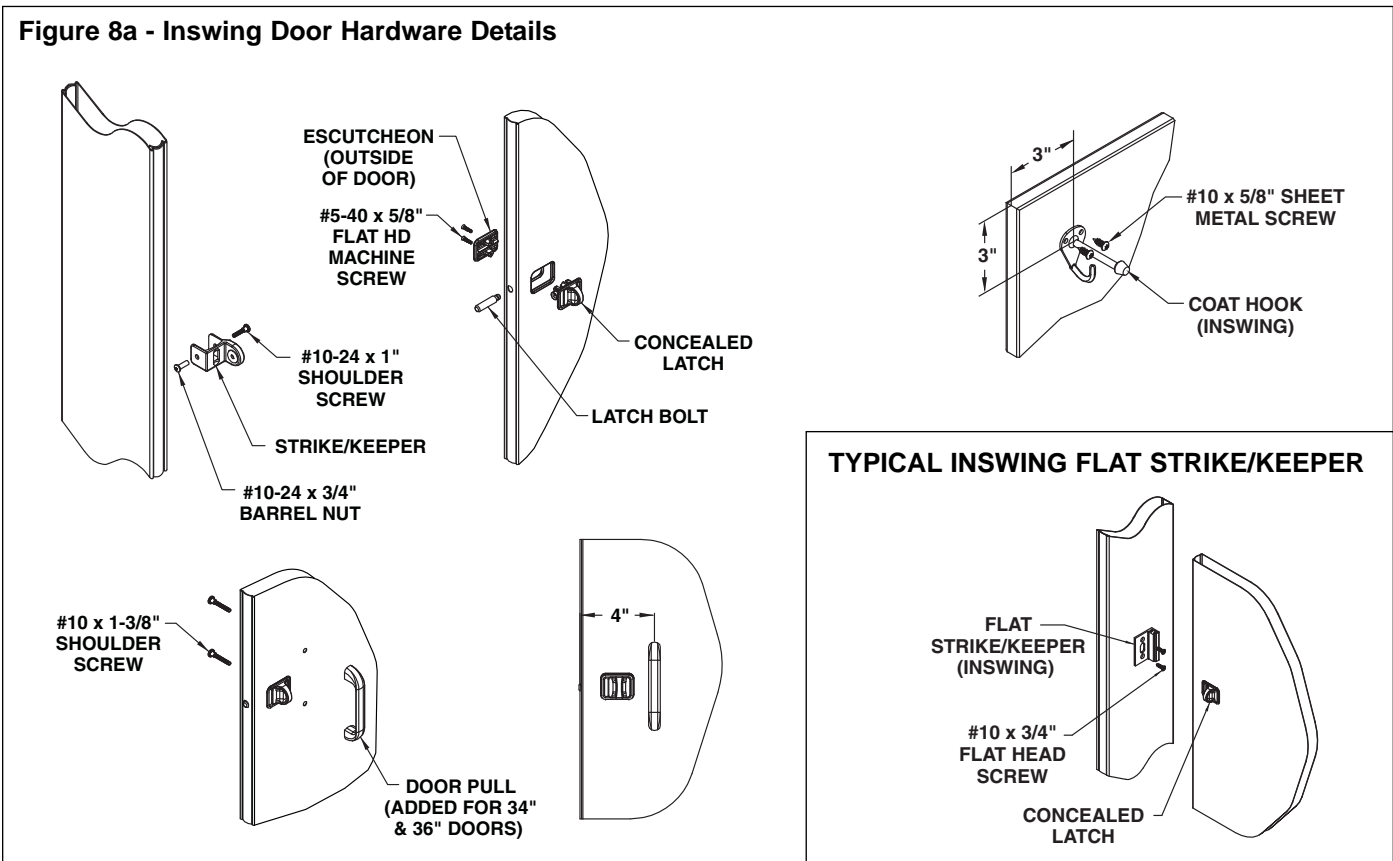
NOTE: Local codes vary from state to state. Check your local codes before installing coat hook.

5. Install the coat hook on the inside of the door on the latch side at a location 3" down from the top and 3" in from the side. Using the coat hook as a template, drill two 9/64" dia. pilot holes through one face of the door only. Secure the coat hook using the fasteners provided.

⚠ Do not permit drill bit to touch outside face of door.

6. Repeat Procedures 1–5 for remaining doors.

Figure 8a - Inswing Door Hardware Details



Installation Instructions *continued* . . .

Step 8b: Concealed Latch and Strike/keeper for Outswing Doors

NOTE: Refer to the details in Figure 8b when installing outswing doors.

1. Assemble the latch as shown in Figure 8b. Tighten the fasteners and insert the latch bolt, pushing in until it snaps into place.
2. Place the strike/keeper on the pilaster and center it on the opposing latch bolt.
3. **Wrap Around Strike/Keeper Applications:** Using the strike/keeper as a template, mark the hole locations on the pilasters. Remove the strike/keeper and drill 1/4" dia. holes through the pilaster. Secure to the pilaster with fasteners provided.
- Flat Strike/Keeper Applications:** Using the flat strike/keeper as a template, mark the hole locations on the pilasters. Remove the strike/keeper and drill 1/8" dia. holes through one face of the pilaster only. Secure to the pilaster with fasteners provided.
4. Drill a 1/4" dia. hole through the door and mount the door pull to the outside of the door using the fasteners provided.
5. Install the wall bumper on the outside of the door on the latch side at a location 3" up from the bottom and 3" over from the side. Using the wall bumper as a template, drill two 9/64" dia. pilot holes through one face of the door only. Secure the wall bumper using the fasteners provided.

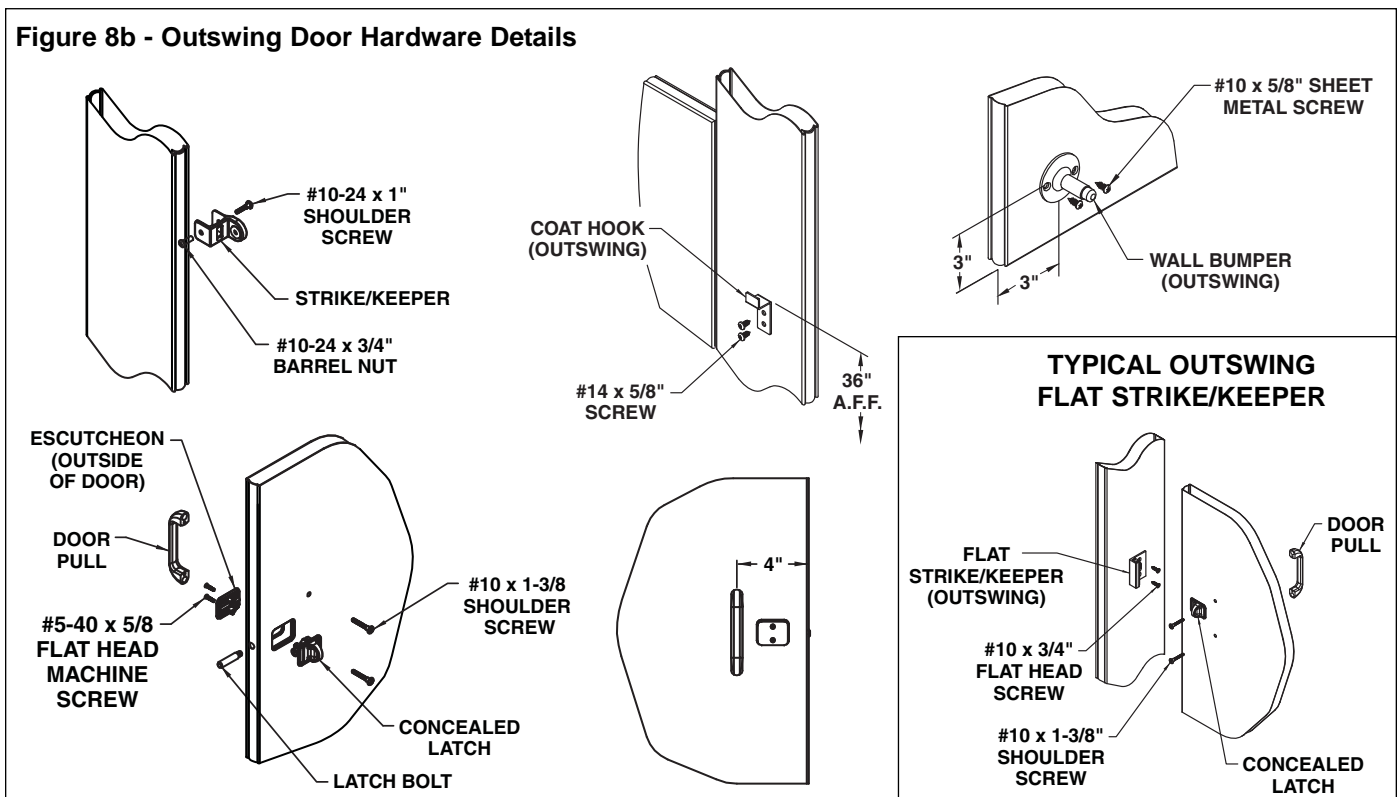
! Do not permit drill bit to touch outside face of door/pilaster.

NOTE: Local codes vary from state to state. Check your local codes before installing coat hook.

6. Using the coat hook as a template, drill 3/16" dia. pilot holes. See Figure 8b for suggested location.

! Do not permit drill bit to touch outside face of door.

7. Repeat Procedures 1–6 for remaining doors.



Installation Instructions for Optional Components

Step 1: Layout Dimensions - Continuous Brackets

NOTE: When installing the partition components, consult the applicable Mills Partition submittal drawing for compartment layout dimensions.

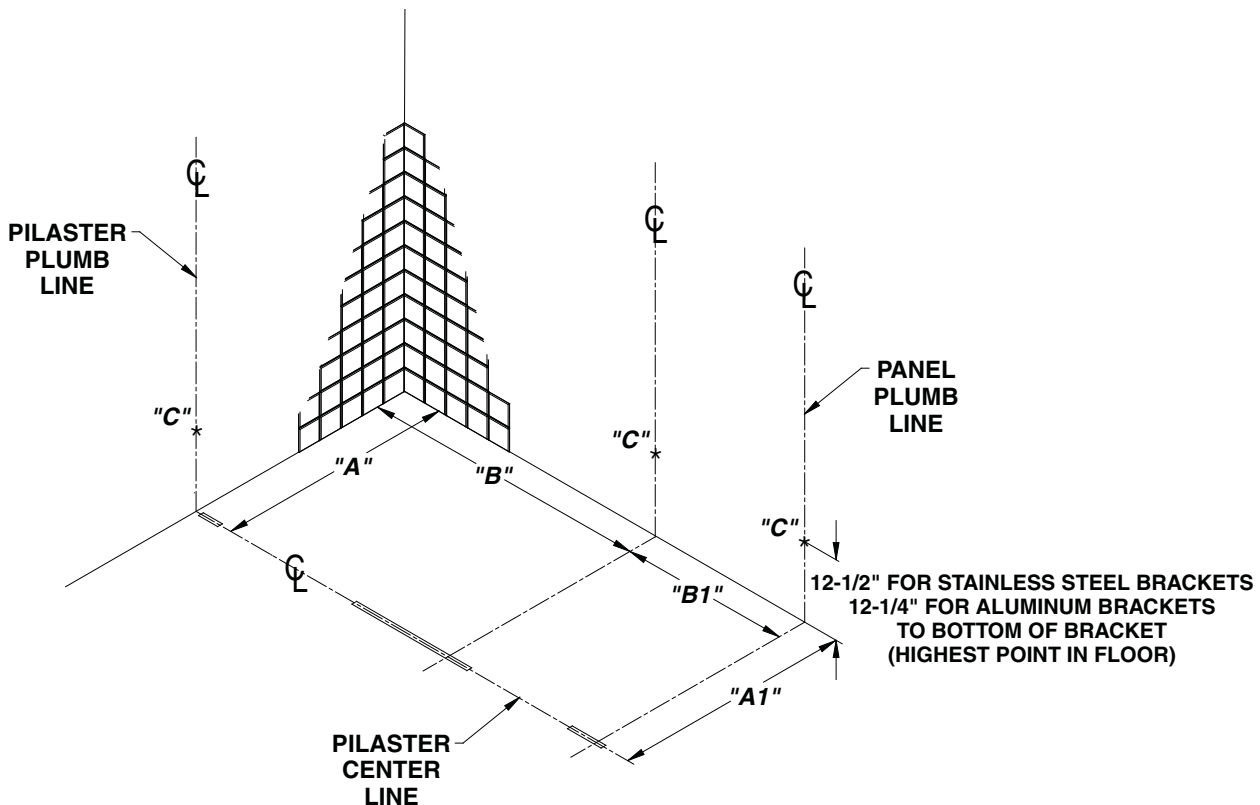
NOTE: The continuous brackets are optional components. For partitions with stirrup brackets, refer to the stirrup bracket installation instructions found on page 2.

1. To locate the pilaster centerline, measure from the back wall forward to the face of the compartment (Figure 10 "A"), subtract 5/8" and mark this location on the floor. Mark the same measurement on the opposite end of your layout (Figure 10 "A1") and draw a straight line connecting both marks.

FOR FREESTANDING (FS) PARTITIONS: Refer to submittal drawings and determine the approximate location of the outside panels. Establish dimensions "A" and "A1" as explained above.

2. To locate the panel centerline, measure the stall width across the back wall and place a mark at the base of the rear wall (Figure 10 "B"). Repeat this step for each panel, starting each measurement from the last panel centerline (Figure 10 "B1").
3. To locate the continuous brackets, draw a plumb line on all walls from each pilaster and panel center. From the highest point in the room, measure 12-1/2" (for stainless steel) or 12-1/4" (for aluminum) from the floor and place a mark on the pilaster/panel plumb line. Use a level to transfer that mark to all other plumb lines (Figure 10 "C").

Figure 10 - Centerline Layouts (continuous brackets)



Installation Instructions *continued* . . .

⚠ IMPORTANT: Brackets are used as templates but, since the hole patterns may be different, the brackets may not be interchangeable.

Step 2: Install Continuous Brackets to Wall

NOTE: Refer to Figure 11a for one-eared brackets and Figure 11b for two-eared brackets.

1. Place the bottom of the continuous bracket at the established level line. Center the bracket opening on the pilaster/panel plumb line. Using the bracket as a template, mark the hole locations on the wall. Remove the bracket and drill a 5/16" dia. hole (min. 2" deep) at each hole location.
2. Insert the plastic anchors and secure the brackets using fasteners provided.

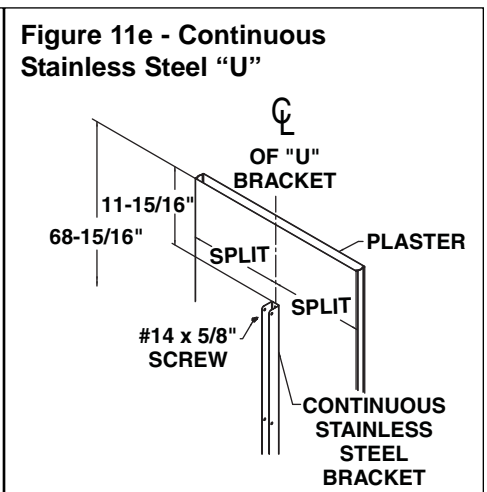
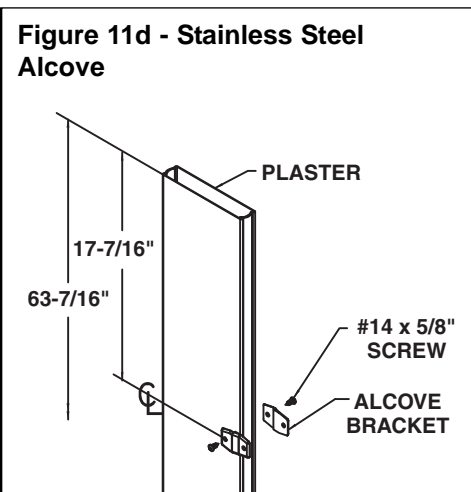
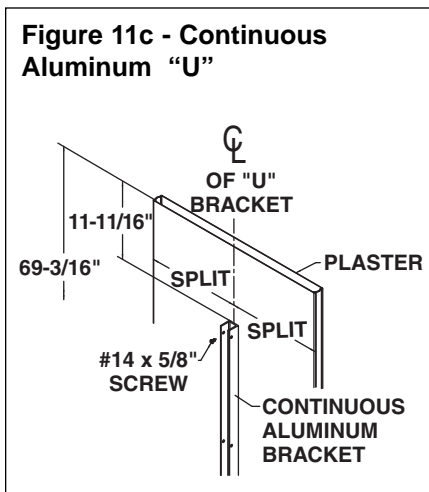
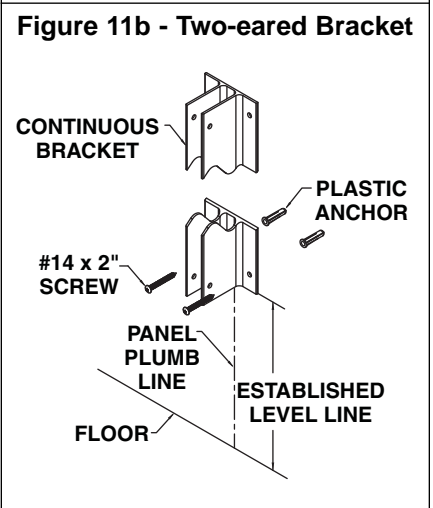
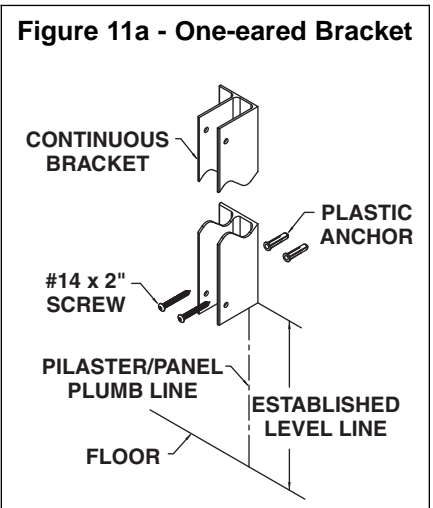
Step 3: Install Continuous Brackets to Pilaster

NOTE: Refer to Figure 11c for continuous aluminum "U" brackets, Figure 11d for stainless steel alcove brackets or Figure 11e for continuous stainless steel "U" brackets.

1. Refer to the submittal drawing to locate the split dimension of the pilaster bracket.
2. To locate the top and bottom of the bracket, measure down from the top of the pilaster and place a mark on the pilaster split centerline as shown.
3. Carefully position the bracket on the pilaster and drill a 3/16" dia. pilot hole through one face of the pilaster only at each hole location.

⚠ Do not permit drill bit to touch outside face of pilaster.

4. Secure the bracket to the pilasters using the fasteners provided.



Installation Instructions *continued* . . .

Step 4: Install Continuous Brackets to Panels and Pilasters

NOTE: Start at one end and install a panel, then a pilaster. Continue alternating until installation is complete. When installing in an alcove or in-corner alcove, use an alcove bracket to secure the pilaster to the panel.

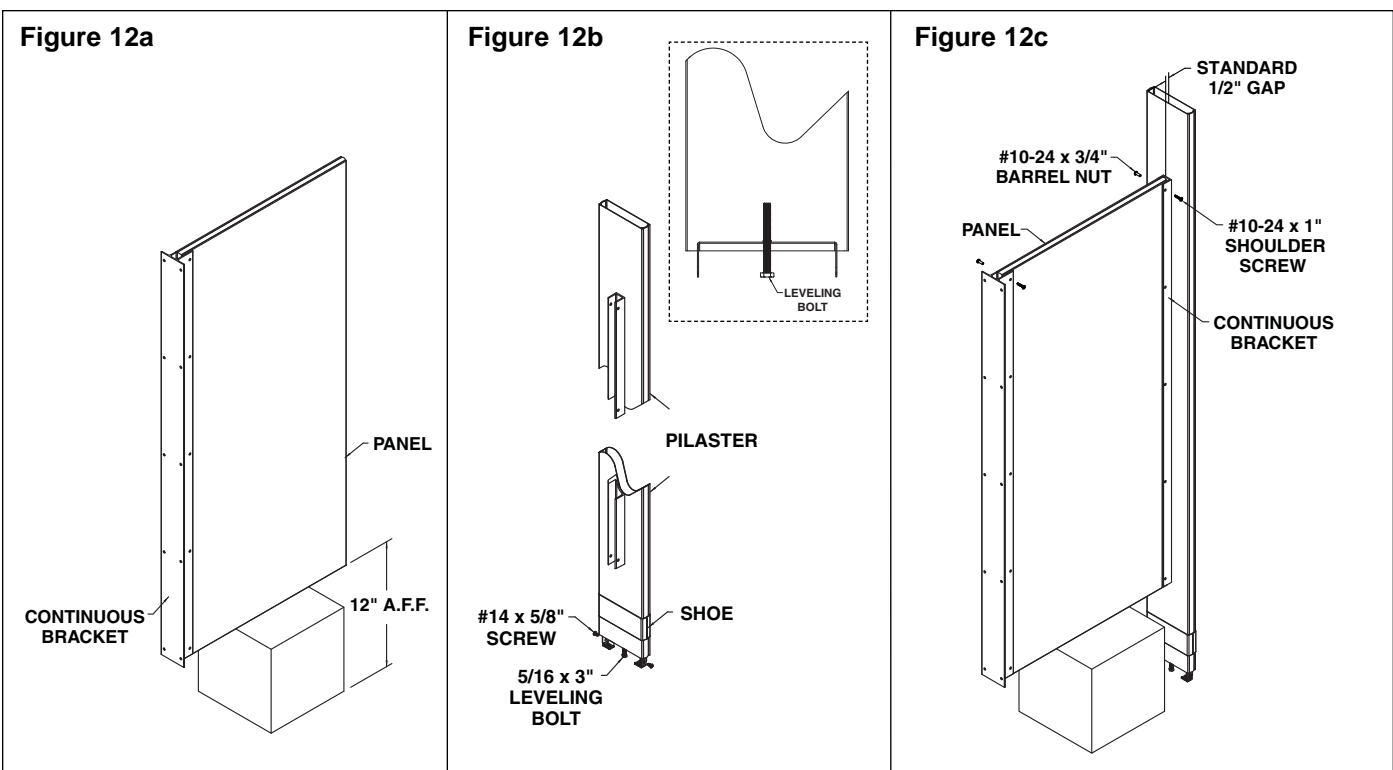
1. Using a 12" spacer to help support the panel weight, place a panel on the spacer and insert the panel into the wall bracket (see Figure 12a).
2. Thread the leveling bolt into the leveling bar leaving 3/4" of the bolt exposed (see inset below).
3. Slide the shoe carefully over the mounting end of the pilasters and leave approximately 5" above the bottom end.
4. Place the pilaster between the "L" brackets and fasten loosely with screws at pre-drilled locations on each side (see Figure 12b)

NOTE: Refer to your submittal drawing and leave the appropriate gap (standard gap is 1/2") between the panel and the pilaster (see Figure 12c).

5. Make sure the pilasters are plumb and level to each other. The pilaster height can be adjusted by moving the leveling bolt to allow the panel to be centered top-to-bottom in the continuous bracket. Using the continuous bracket as a template, drill 1/4" dia. holes through the panel. Secure the panel to the pilaster with fasteners provided.

NOTE: Refer to your submittal drawing and leave the appropriate gap (standard gap is 1") between the panel and the wall.

6. Using the continuous bracket as a template, drill 1/4" dia. holes through the panel. Secure the panel to the bracket with fasteners provided.
7. Repeat procedures 1–6 to install remaining pilasters and panels.



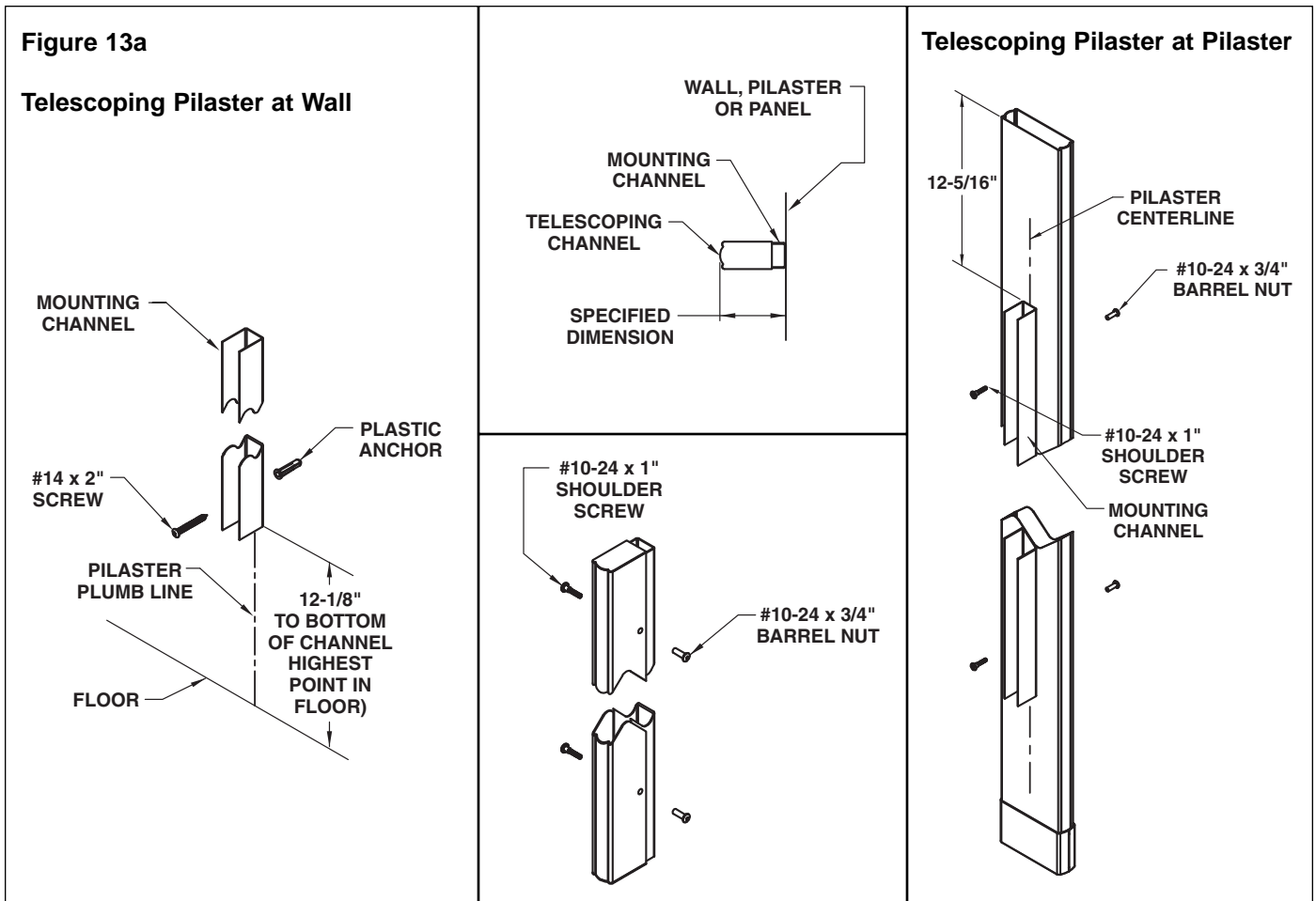
Installation Instructions *continued* . . .

Step 5: Layout and Install Telescoping Pilaster



Mounting channels are used as templates but may not be interchangeable because the hole patterns may be different.

1. Refer to pages 2 & 3 to establish the pilaster plumb line. From the highest point in the room, measure 12-1/8" from the floor. Use a level to transfer this mark to the pilaster plumb line.
2. Place the bottom of the mounting channel at the established level line. Center the channel opening on the pilaster plumb line. Using the bracket as a template, mark the hole locations on the wall. Remove the bracket and drill a 5/16" dia. hole (minimum 2" deep) at each hole location.
3. Insert plastic anchors and secure mounting channel to wall using fasteners provided.
4. Slide the telescoping channel over the mounting channel. Refer to the submittal drawing and adjust the width to meet the specified dimension.
5. Using the holes in the telescoping channel as a template, drill a 1/4" dia. hole through the mounting channel. Secure the telescoping channel to the mounting channel with fasteners provided.
6. Refer to page 8 for installation of hinges.
7. Repeat procedures 1–6 to install remaining telescoping pilasters.



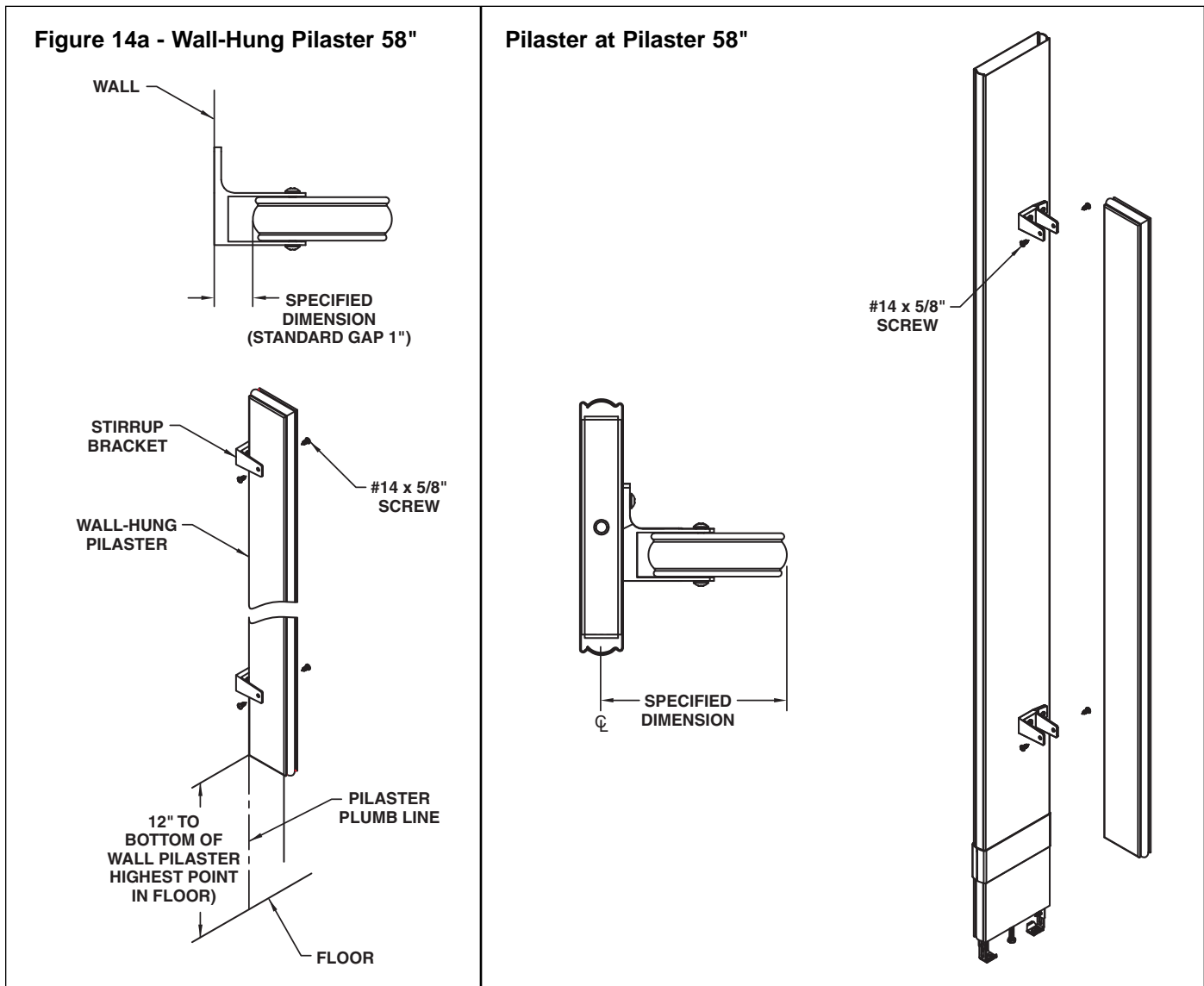
Installation Instructions *continued* . . .

Step 6a: Layout and Install Wall-Hung Pilaster (58")

1. Refer to pages 2, 3 & 4 to establish the pilaster plumb line and mounting of stirrup brackets.

NOTE: Refer to your submittal drawing and leave the appropriate gap (standard gap is 1") between the wall and the pilaster (see Figure 14a).

2. From the highest point in the room, measure 12" from the floor. Use a level to transfer this mark to the pilaster plumb line.
3. Slide the wall-hung pilaster into the stirrup brackets and align with the established level line. Refer to the submittal drawing and adjust the gap to meet the specified dimension.
4. Using the stirrup brackets as a template, drill a 3/16" dia. hole in the pilaster. Secure the pilaster to the bracket with fasteners provided.
5. Refer to page 8 for installation of hinges.
6. Repeat procedures 1–5 to install remaining wall pilasters.



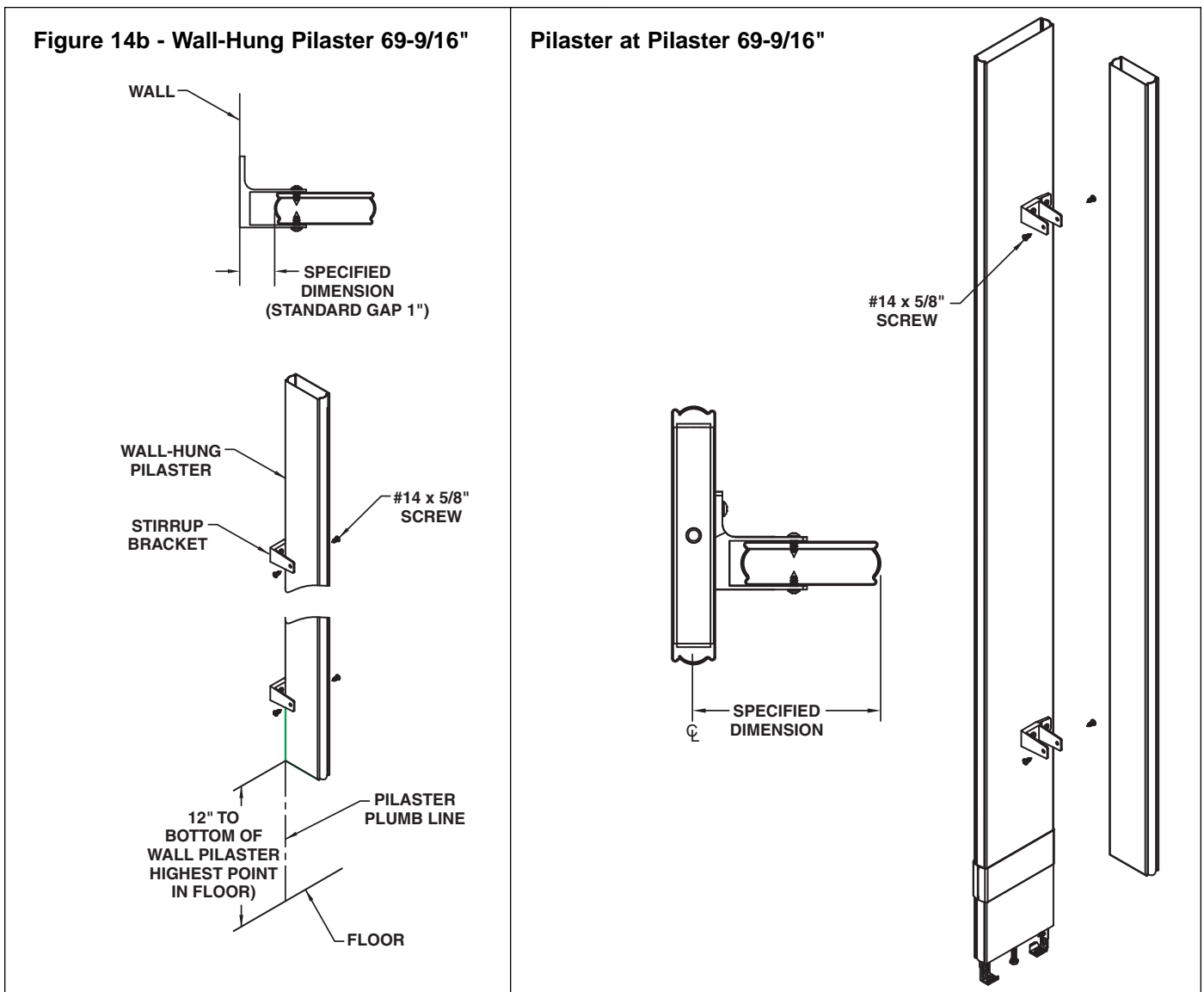
Installation Instructions *continued* . . .

Step 6b: Layout and Install Wall-Hung Pilaster (69-9/16")

1. Refer to pages 2, 3 & 4 to establish the pilaster plumb line and mounting of wall brackets (stirrup).

NOTE: Refer to your submittal drawing and leave the appropriate gap (standard gap is 1") between the wall and the pilaster.

2. Find the highest point in the room; measure 12" from the floor. Use a level to transfer this mark to the pilaster plumb line.
3. Slide the wall-hung pilaster into the stirrup brackets and align with the established level line. Refer to the submittal drawing and adjust to meet the specified dimension.
4. Using the stirrup brackets as a template, drill a 3/16" dia. hole in the pilaster. Secure the pilaster to the bracket with fasteners provided.
5. Refer to page 7 for installation of headrail.
6. Repeat procedures 1–5 to install remaining wall pilasters.

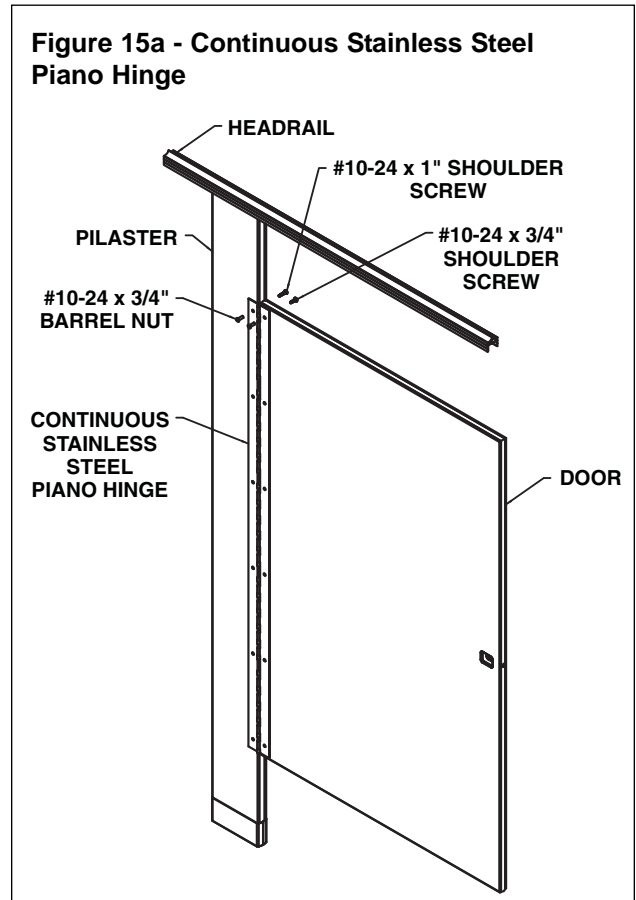


Installation Instructions *continued* . . .

Step 7a: Install Continuous Stainless Steel Piano Hinge

NOTE: Before installing continuous piano hinges, make sure the door openings are the appropriate size, all pilasters are plumb and that the headrail is installed. Refer to Figure 15a.

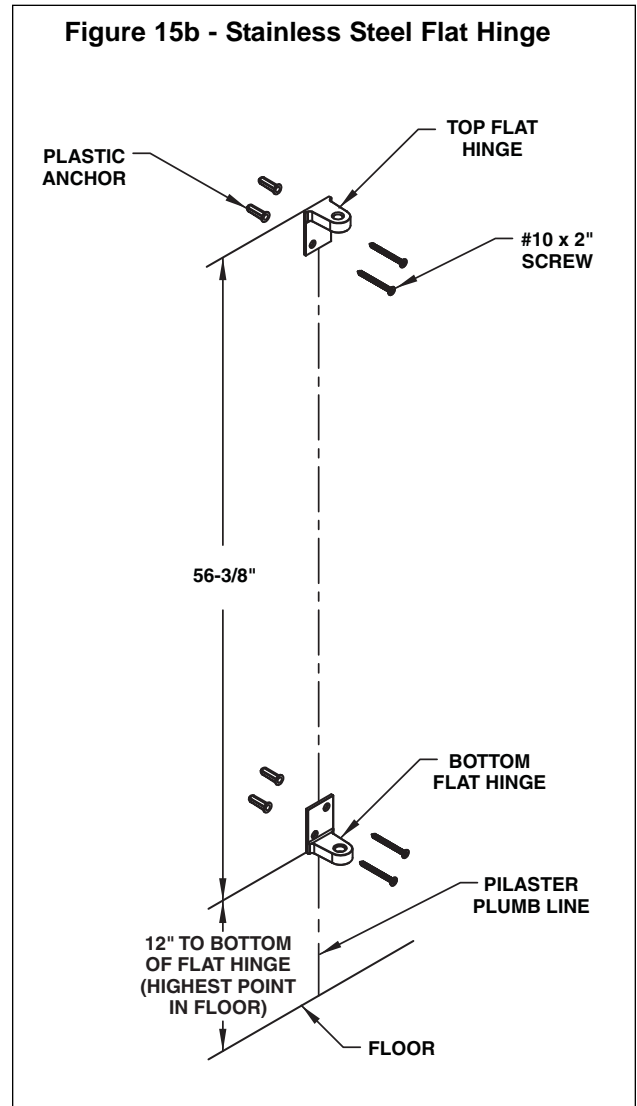
1. Use a 12" spacer to help support the weight of the door (refer to Figure 5a on page 6).
2. Determine the door swing by facing the compartment from the outside. The Mills submittal drawings will detail the actual door swing. Hinge #HDWT-S0209 is for "left hand in, right hand out" and hinge #HDWT-S0208 is for "right hand in, left hand out."
3. Place a door on the spacer and set the gap at the latch side (standard gap is 3/16").
4. Center the hinge in the opening opposite the latch and top to bottom on door (approximately 1/4" down from the top of the door).
5. Using the hinge as a template, drill a 1/4" dia. hole through the door at the top and bottom hole. Secure the hinge to the door with fasteners provided.
6. Ensure that the gap on the latch side is consistent; repeat Procedure #5 on the pilaster side.
7. Drill a 1/4" dia. hole through the remaining hinge holes on the door and pilaster. Secure with fasteners provided.
8. Repeat Procedures 1-7 to install the remaining doors and hinges.
9. Refer to page 10, Step 8a, to continue door latch and keeper installation.



Installation Instructions *continued . . .***Step 7b: Layout and Install Stainless Steel Flat Hinge**

NOTE: Refer to Figure 15b when installing stainless steel flat hinges.

1. Refer to pages 2 & 3 to establish the pilaster plumb line.
2. From the highest point in the room, measure 12" from the floor. Use a level to transfer this mark to the pilaster plumb line.
3. Carefully position the bottom of the bottom flat hinge on the established level line and centered on the pilaster plumb line. Using the flat hinge as a template, mark the hole locations on the wall. Remove the flat hinge and drill a 1/4" dia. hole (minimum 2" deep) at each hole location.
4. To locate the top flat hinge measure 56-3/8" from the bottom of the bottom flat hinge and place a line on the pilaster plumb line.
5. Carefully position the top of the top flat hinge on the established level line and centered on the pilaster plumb line, using the flat hinge as a template, mark the hole locations on the wall. Remove the flat hinge and drill a 1/4" dia. hole (minimum 2" deep) at each hole location.
6. Insert plastic anchors and secure the flat hinge to the wall with fasteners provided.
7. To mount the door, refer to page 8, starting with procedure #4.
8. Repeat procedures 1–6 to install remaining flat hinges.



Installation Instructions *continued* . . .

Step 8a: Surface-Mounted Latch & Strike/Keeper for Inswing Doors

NOTE: Refer to Figure 16a when installing inswing doors. ADA COMPLIANT DOORS: When installing coat hook, wall bumper and door pull, refer to Figure 16b for proper location.

1. Position the latch on the inside of the door, centered top to bottom on the 58" tall doors (41" above finished floor). The leading edge of the latch body should be 3/8" from the door edge.
2. Using the latch as a template, mark the hole locations on the door. Remove the latch and drill 1/4" dia. holes through the door. Secure the latch to the door with fasteners provided.
3. With the door in the closed position, place the strike/keeper on the pilaster and align the top of the strike/keeper so it is 1/2" maximum above the bottom edge of the latch slide bar and fits within the top notch of the keeper.
4. **Wrap Around Strike/Keeper Applications:** Using the strike/keeper as a template, mark the hole locations on the pilasters. Remove the strike/keeper and drill 1/4" dia. holes through the pilaster. Secure to the pilaster with fasteners provided.

Flat Strike/Keeper Applications: Using the flat strike/keeper as a template, mark the hole locations on the pilasters. Remove the strike/keeper and drill 1/8" dia. holes through one face of the pilaster only. Secure to the pilaster with fasteners provided.

⚠ Do not permit drill bit to touch outside face of pilaster.

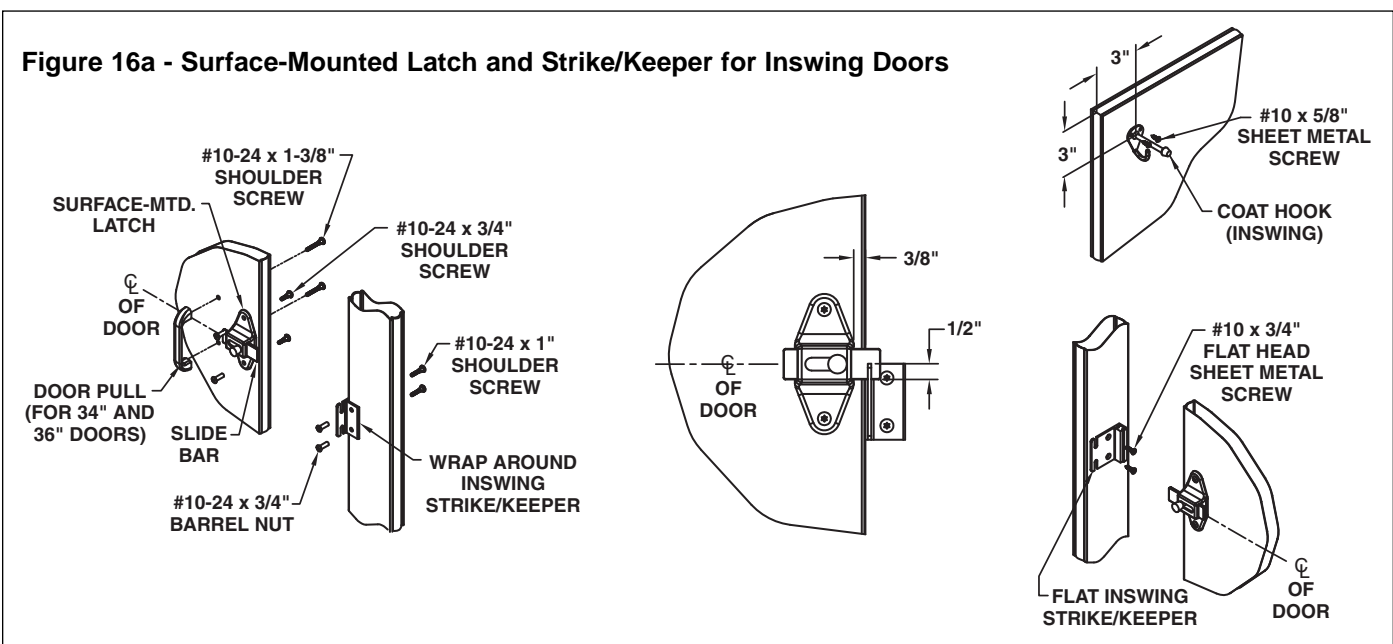
5. **Inswing ADA Doors:** For 34" and 36" doors, drill a 1/4" dia. hole through the door. Mount the door pull to the inside of the door with fasteners provided.

NOTE: Local codes vary from state to state. Check your local codes before installing coat hook.

6. Install the coat hook on the inside of the door on the latch side at a location 3" down from the top and 3" in from the side. Using the coat hook as a template, drill two 9/64" dia. pilot holes through one face of the door only. Secure the coat hook to the door using the fasteners provided.

⚠ Do not permit drill bit to touch outside face of door.

7. Repeat Procedures 1–6 for remaining doors.



Installation Instructions *continued* . . .

Step 8b: Surface-Mounted Latch & Strike/Keeper for Outswing Doors

NOTE: Refer to the details in Figure 16b when installing outswing doors.

1. Position the latch on the inside of the door, centered top to bottom on the 58" tall doors (41" above finished floor). The leading edge of the latch body should be 1" from the door edge.
2. Using the latch as a template, mark the hole locations on the door. Remove the latch and drill 1/4" dia. holes through the door. Secure the latch and door pull to the door with fasteners provided.
3. With the door in the closed position, place the strike/keeper on the pilaster and align the top of the strike/keeper so it is 1/2" maximum above the bottom edge of the latch slide bar.
4. **Wrap Around Strike/Keeper Applications:** Using the strike/keeper as a template, mark the hole locations on the pilasters. Remove the strike/keeper and drill 1/4" dia. holes through the pilaster. Secure to the pilaster with fasteners provided.

Flat Strike/Keeper Applications: Using the flat strike/keeper as a template, mark the hole locations on the pilasters. Remove the strike/keeper and drill 1/8" dia. holes through one face of the pilaster only. Secure to the pilaster with fasteners provided.

! Do not permit drill bit to touch outside face of door/pilaster.

5. Install the wall bumper on the outside of the door on the latch side at a location 3" up from the bottom and 3" over from the side. Using the wall bumper as a template, drill two 9/64" dia. pilot holes through one face of the door only. Secure the wall bumper to the door using the fasteners provided.

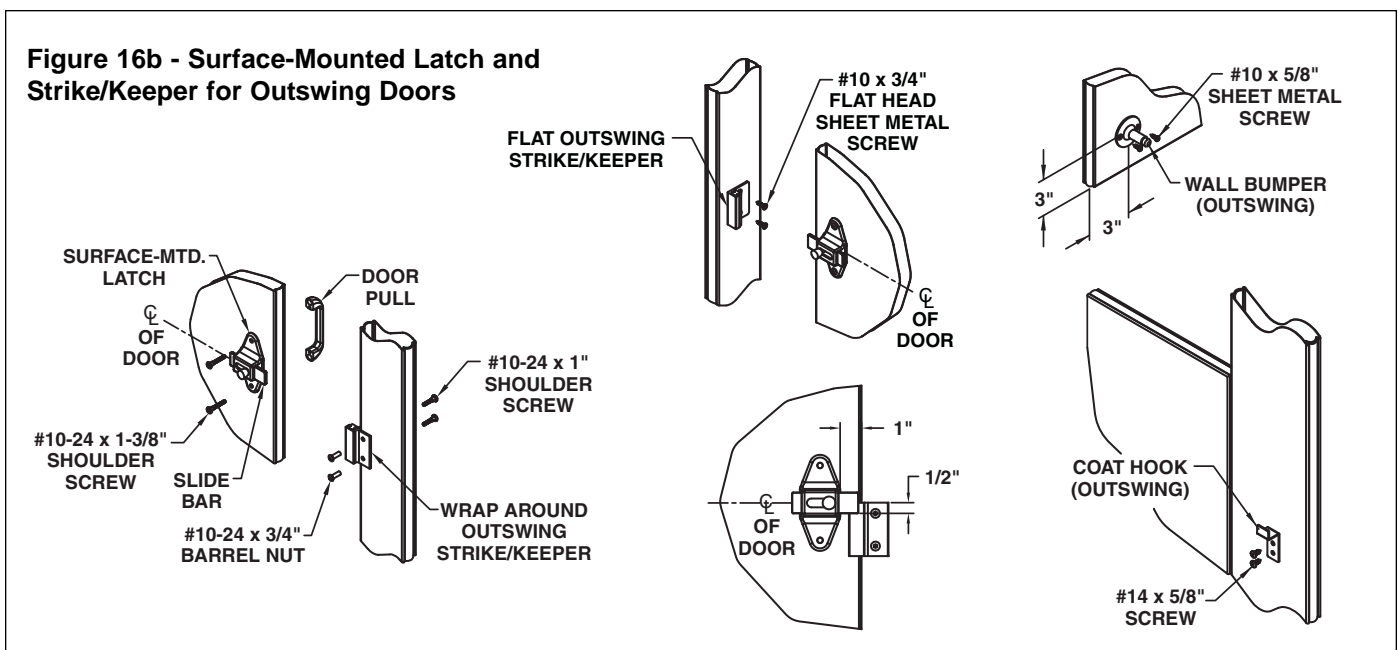
! Do not permit drill bit to touch outside face of door/pilaster.

NOTE: Local codes vary from state to state. Check your local codes before installing coat hook.

6. Using the coat hook as a template, drill two 3/16" dia. pilot holes through one face of the pilaster only. Refer to Figure 16b for suggested location.

! Do not permit drill bit to touch outside face of pilaster.

7. Repeat Procedures 1–6 for remaining doors.



Installation Instructions *continued* . . .

Step 9: Install Double Door Pull

NOTE: Refer to Figure 17a for doors with concealed latch, Figure 17b for doors with surface-mounted latch or Figure 17c for stainless steel door pull.

1. Using the door pull as a template, mark the location for the top hole on the inside of the door 30-3/4" up from the bottom of 58" tall doors (42-3/4" above finished floor). The center of the door pull should be 4" (for concealed latch) or 5-1/2" (for surface-mounted latch) from the door edge.
2. Drill 1/4" dia. holes through the door as shown. Secure the door pulls to the door with fasteners provided.
3. Repeat procedures 1–2 to install remaining doors.

NOTE: Local codes vary from state to state. Check your local codes before installing door pulls.

Figure 17a - Concealed Latch

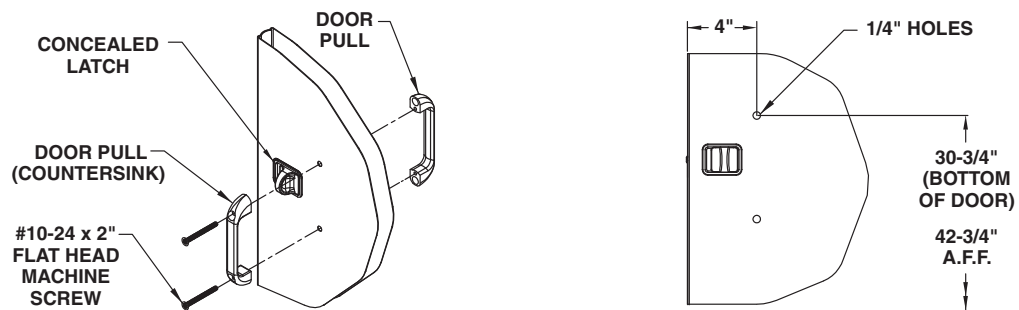


Figure 17b - Surface-Mounted Latch

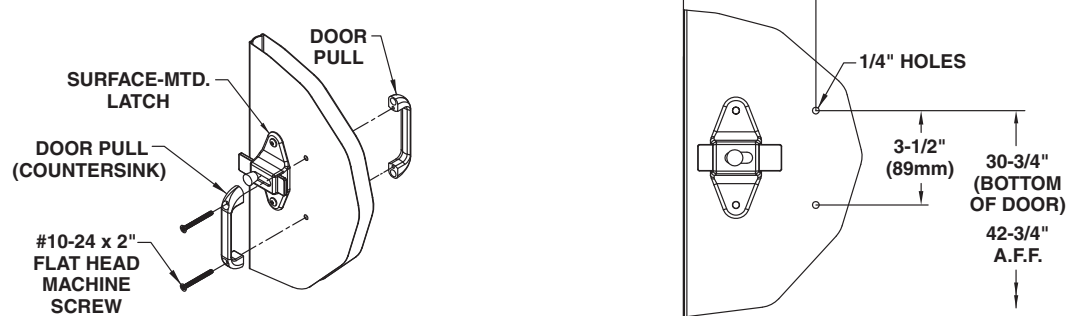


Figure 17c - Double Door Pull (Stainless Steel)

