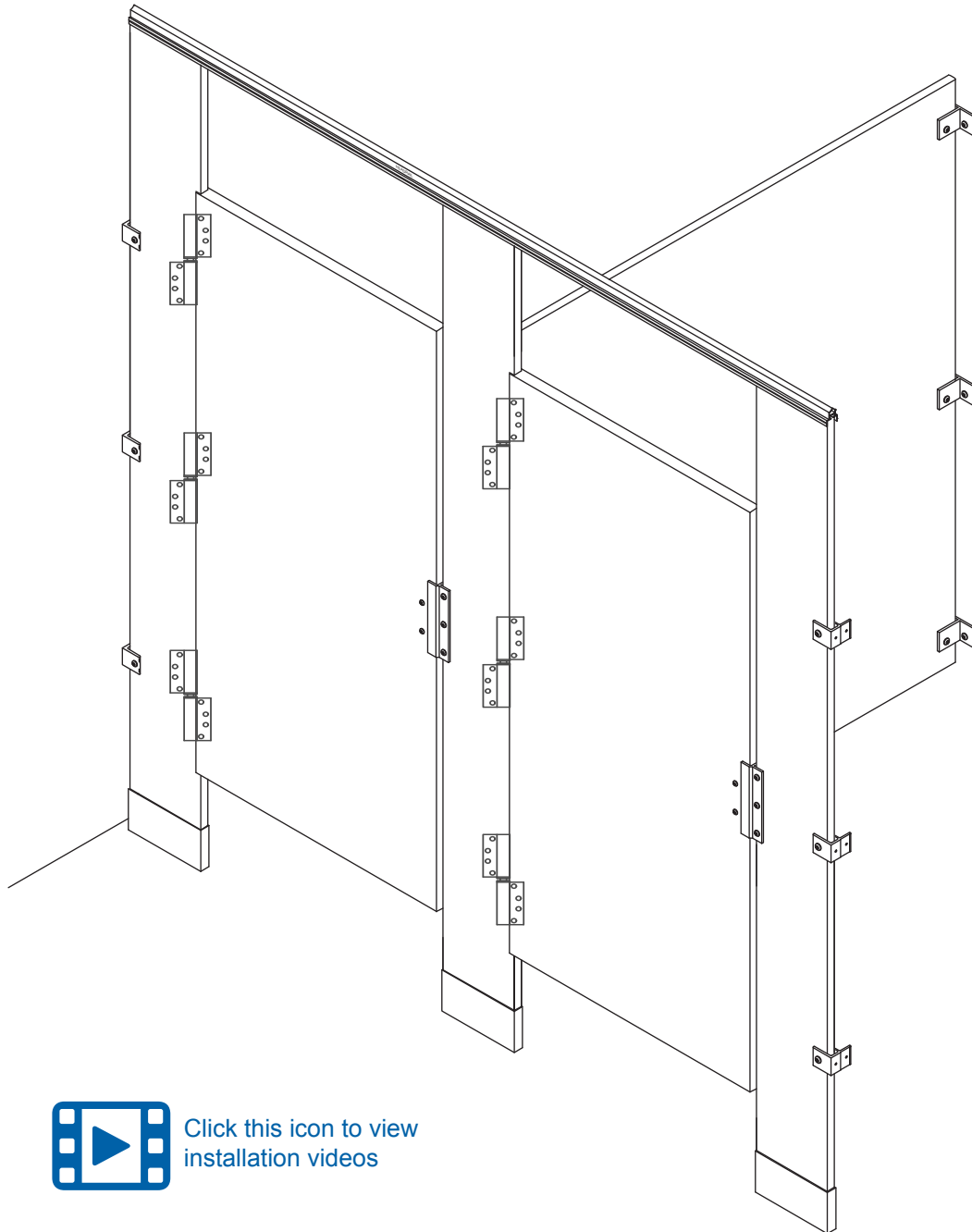


ONE POINT PARTITIONS

INSTALLATION INSTRUCTIONS FOR **SOLID PLASTIC** FLOOR MOUNTED – OVERHEAD BRACED

55" High Doors and Panels
Aluminum Stirrup Brackets
8" Wrap Hinges



Click this icon to view
installation videos

■ ALWAYS KEEP THE SOLID PLASTIC PIECES STORED FLAT TO PREVENT WARPING ■

STEP 1 – Layout

NOTE: FLOOR MUST BE CONCRETE

- 1A. Review the layout drawings and package lists that have accompanied this job.
- 1B. Before proceeding, confirm that backing of walls and floor is adequate to support secure mounting of the toilet compartment units.
- 1C. Establish and mark pilaster center line from back wall.
- 1D. Establish and mark panel center lines for wall brackets.
- 1E. Establish pilaster floor fastener locations from side wall according to shop drawings.

NOTE: Floor fasteners are located 1" from edge of pilaster.

- 1F. Mark wall bracket holes using brackets as templates.

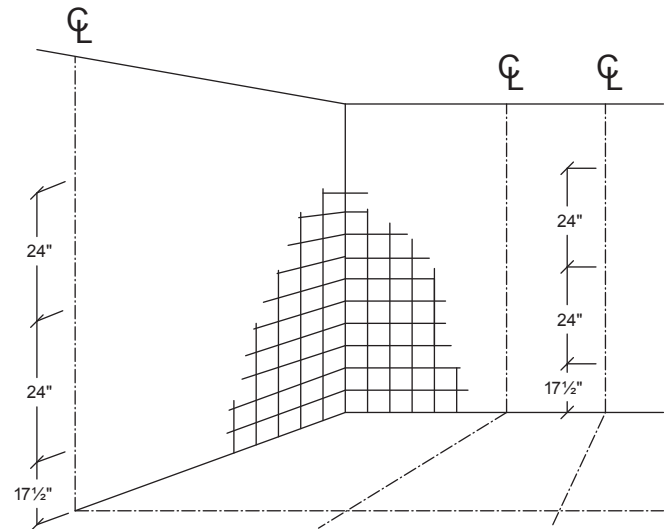


FIGURE 1

STEP 2 – Wall Brackets and Floor Anchors

- 2A. Drill holes for wall brackets and floor anchors of appropriate size for particular fastening devices supplied. Typically, 5/16" bit for walls, 1/4" bit for compartment through-bolts, and 3/16" bit for floors.

NOTE: As site conditions and hardware combinations vary, an assortment of bit sizes are recommended.

- 2B. Insert anchoring devices in walls and secure wall brackets.
- 2C. Attach the shoes to the concrete floor using the 1/4" concrete screws.

NOTE: The hole in the side of the shoe should be placed on the inside of the compartment.

- 2D. Adjust the location of the shoes according to the door opening size and secure shoes to the floor.

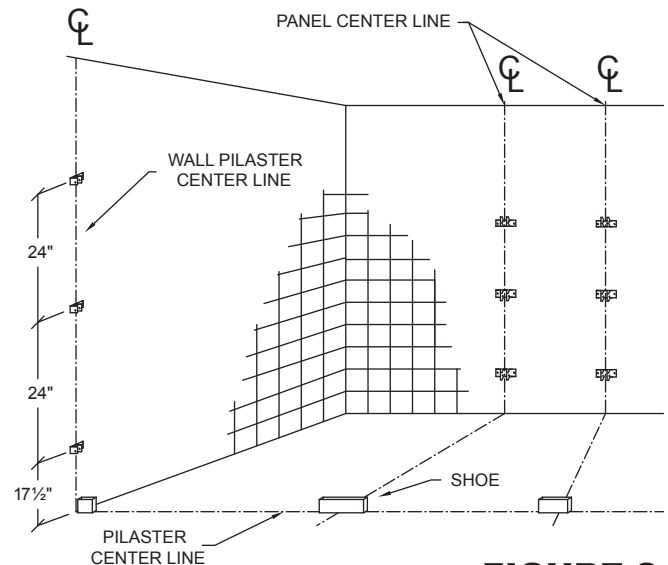


FIGURE 2

STEP 3 – Position Panel

- 3A. Place panel on a support, 14" above the floor.
- 3B. Set it into wall brackets, but do not fasten panel at this time.

NOTE: Doors and Divider Panels will have an Aluminum Heat Sink Strip on one side and the strips should be on the bottom facing floor when installed. These strips are part of the NFPA 286 fire testing.

If your order includes 64" or 72" doors/panels, refer to shop drawings for mounting height.

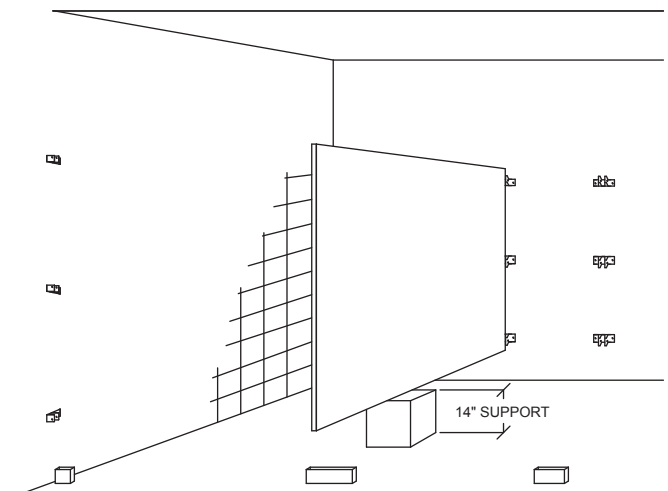


FIGURE 3

STEP 4 – Pilaster Preparation

- 4A. Refer to centerlines made in **STEP 1** for placement of “U”-brackets on rear of pilasters. Make sure brackets are in alignment with wall brackets.
- 4B. Fasten “U”-brackets to pilaster with sheet metal screws. Use a 1/8" drill bit to create a pilot hole.

NOTE: *Pilasters at wall do not require “U”-brackets, but should be prepared for wall (and floor fastening) as required by compartment layout.*

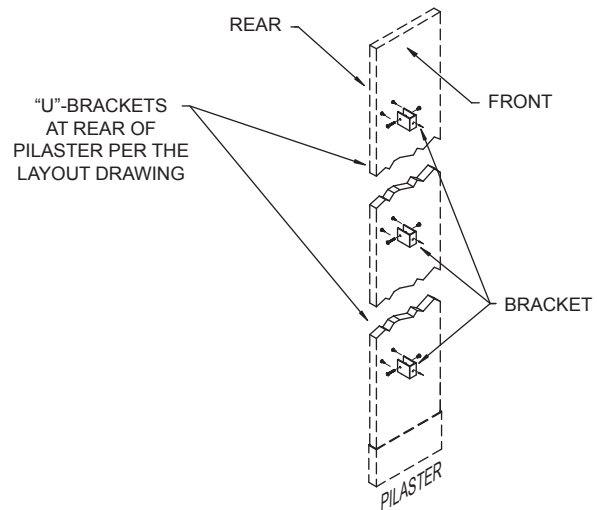
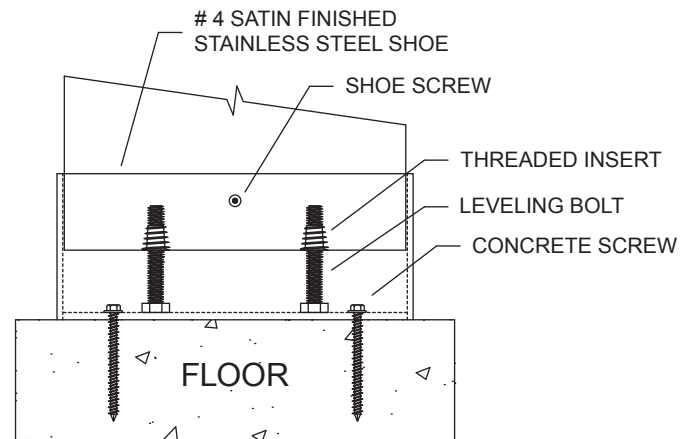


FIGURE 4

STEP 5 – Install Pilasters

- 5A. Insert the leveling bolt into the threaded insert at the bottom of the pilaster.
- 5B. Insert the pilaster into the shoe.
- 5C. Level the top of all pilasters by adjusting the leveling bolt to desired position.

NOTE: *To determine how far to insert the leveling bolt, find the highest point on the floor, and fully insert the bolt on the pilaster that will be mounted in that location. Adjust all other leveling bolts accordingly.*



FLOOR MOUNTING DETAIL

FIGURE 5

STEP 6 – Securing Pilaster/Panel

- 6A. Level the panel and adjust the gaps at either end.
- 6B. Secure the panel to the wall and pilaster using through-bolts.
- 6C. Remove panel support device.
- 6D. Plumb each pilaster and secure with headrail. See **Headrail Assembly** (SP12) for headrail detail.
- 6E. Secure the pilaster to the shoe using shoe screws

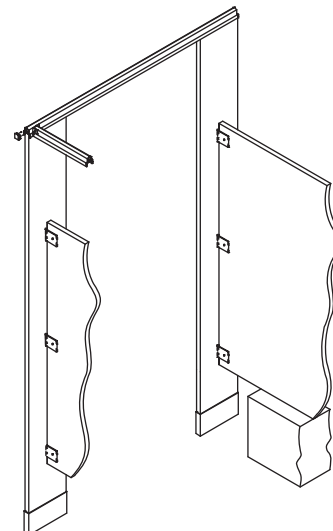
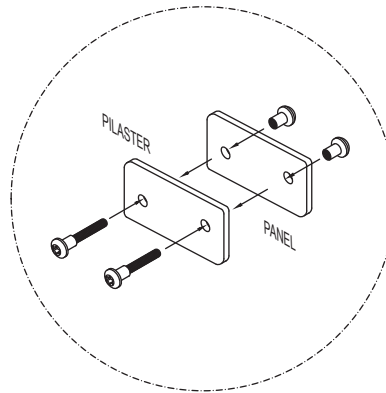
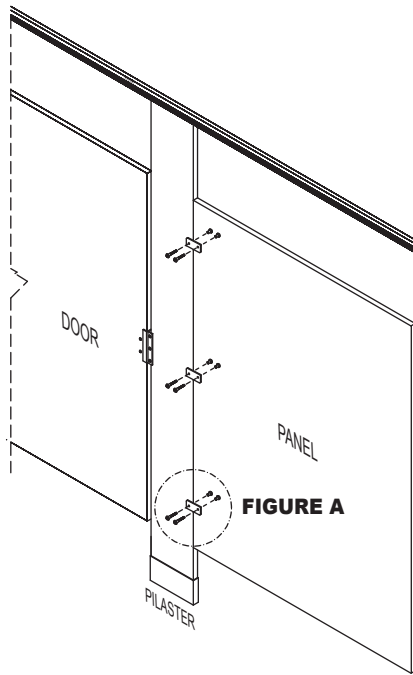


FIGURE 6

Pilaster/Panel Alcove Installation

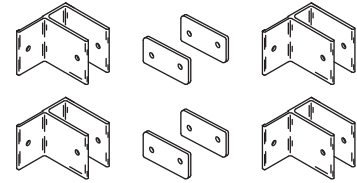
**FIGURE A**

Alcove Bracket Kit# 40-8447010

1-EAR
1-1/4" Pilaster
to Wall Bracket

ALCOVE CLIPS
Attach Panel Inline
to Pilaster

1-EAR
1" Panel to
Wall Bracket

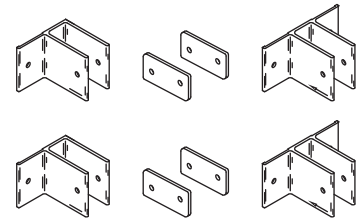


Alcove Bracket Kit# 40-8447020

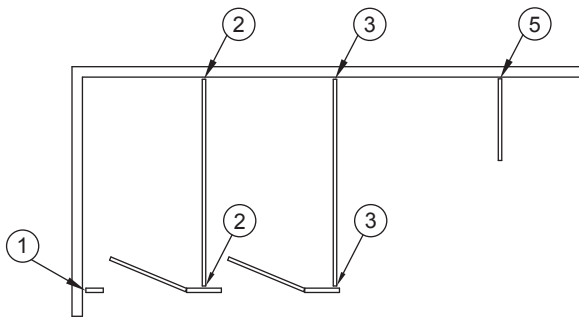
1-EAR
1-1/4" Pilaster
to Wall Bracket

ALCOVE CLIPS
Attach Panel Inline
to Pilaster

2-EAR
1" Panel to
Wall Bracket



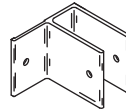
Bracket Locations



Bracket Box
Part# 8445210

①

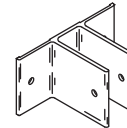
1-EAR
PILASTER TO
WALL BRACKET



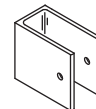
Bracket Box
Part# 8445020

②

2-EAR
MID PANEL TO
WALL BRACKET



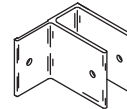
"U"-Bracket
Panel to Pilaster



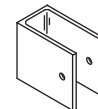
Bracket Box
Part# 8445010

③

1-EAR
END PANEL TO
WALL BRACKET



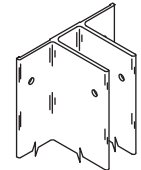
"U"-Bracket
Panel to Pilaster



Bracket Box
Part# 8449000

⑤

URINAL SCREEN
WALL TO URINAL
BRACKET



Material Thickness Index

TYPE	THICKNESS
PILASTER	1" THICK MATERIAL
DOOR	1" THICK MATERIAL
PANELS	1" THICK MATERIAL
SCREEN	1" THICK MATERIAL

- Continuous brackets are 53.5" high for panels
- Continuous brackets are 46" high for urinal screens and will have the same eared configuration

Pilaster/Wall Assembly – Polymer

Pilasters must be both plumb and level. To assist in leveling, headrail may be lightly positioned across adjacent pilasters (**do not fasten at this time**).

- A. Establish door openings by adjusting pilaster mounting bar and nuts to desired position and tightening.
- B. Plumb pilaster and fasten pilaster to wall brackets using through-bolts.

Pilaster/Wall Hardware Kit			
Kit# 40-8445210			
INCLUDES: PART ID.		DESCRIPTION	QTY
1		One-Ear Wall Bracket	(3)
2		Vandal Resistant Step-Bolt 1" Long	(3)
3		Vandal Resistant S/S Barrel Nut	(2)
4		Vandal Resistant 2-1/2" S.M.S.	(6)
5		Plastic Shield (Pre-drill 1/4" Pilot Hole)	(6)
6		Vandal Resistant 3/4" S.M.S.	(6)

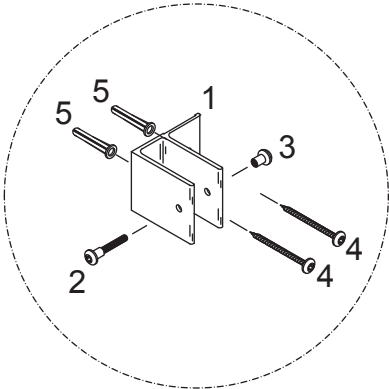
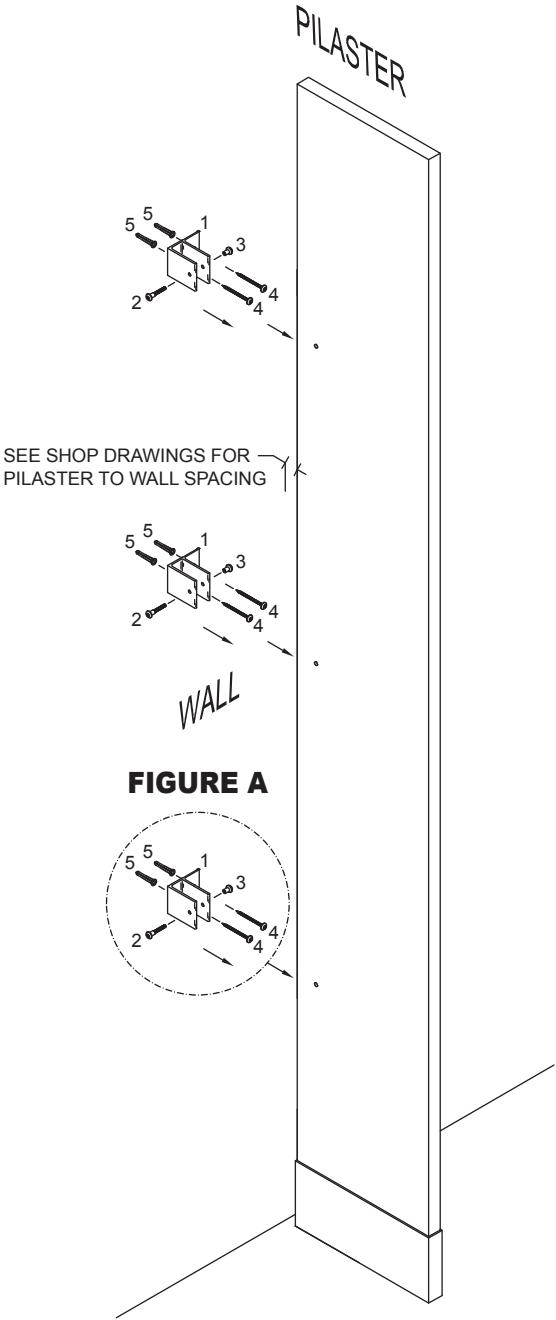


FIGURE A
PILASTER TO WALL








Panel to Pilaster/Wall Two-Ear Assembly – Polymer

Pilasters must be both plumb and level. To assist in leveling, headrail may be lightly positioned across adjacent pilasters (**do not fasten at this time**).

- A. Plumb panel and fasten panel to two-ear bracket at wall with through-bolts.
- B. Plumb pilaster and fasten pilaster to panel using through-bolts.

Panel Hardware Kit

Kit# **40-8445020**

INCLUDES: PART ID.	DESCRIPTION	QTY
1	 Two-Ear Bracket	(3)
2	 "U"-Bracket	(3)
3	 Vandal Resistant 1" Step-Bolt	(6)
4	 Vandal Resistant 5/8" Barrel Nut	(6)
5	 Vandal Resistant 2-1/2" S.M.S.	(6)
6	 Plastic Shield (Pre-drill 1/4" Pilot Hole)	(6)
7	 Vandal Resistant 5/8" S.M.S.	(6)

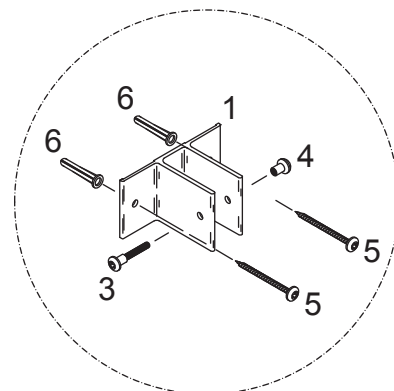
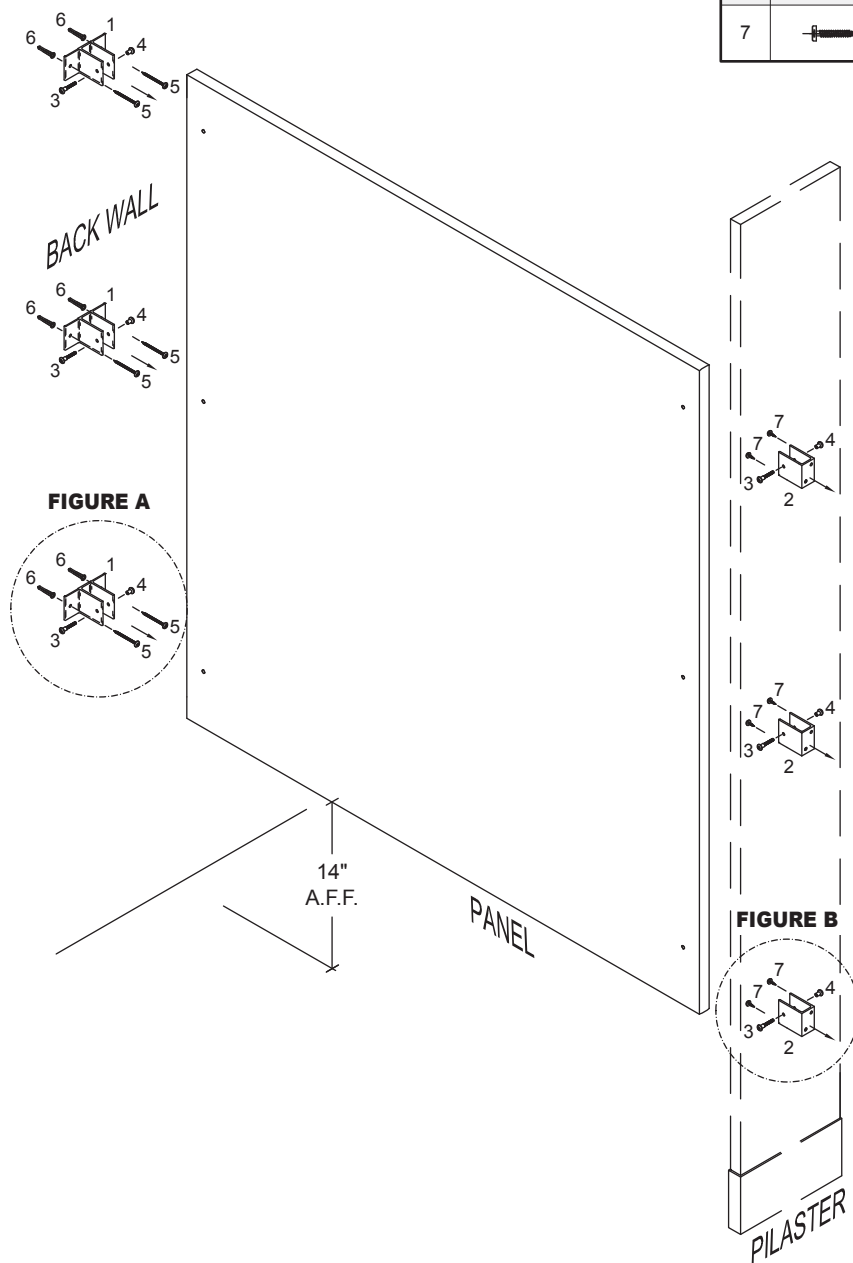


FIGURE A
PANEL TO WALL

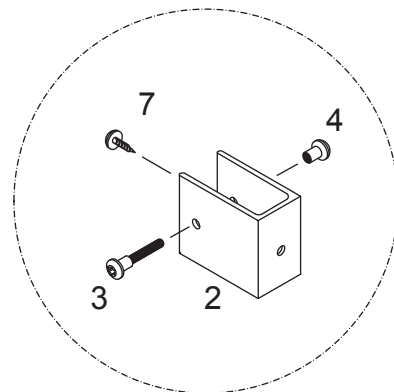









FIGURE B
PANEL TO PILASTER

Panel to Pilaster/Wall One-Ear Assembly – Polymer

Pilasters must be both plumb and level. To assist in leveling, headrail may be lightly positioned across adjacent pilasters (**do not fasten at this time**).

- A. Plumb panel and fasten panel to two-ear bracket at wall with through-bolts.
- B. Plumb pilaster and fasten pilaster to panel using through-bolts.

Panel Hardware Kit			
Kit# 40-8445010			
INCLUDES: PART ID.	DESCRIPTION		QTY
1		One-Ear Bracket	(3)
2		"U"-Bracket	(3)
3		Vandal Resistant 1" Step-Bolt	(6)
4		Vandal Resistant 5/8" Barrel Nut	(6)
5		Vandal Resistant 2-1/2" S.M.S.	(6)
6		Plastic Shield (Pre-drill 1/4" Pilot Hole)	(6)
7		Vandal Resistant 5/8" S.M.S.	(6)

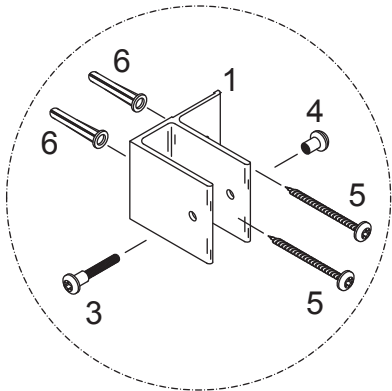
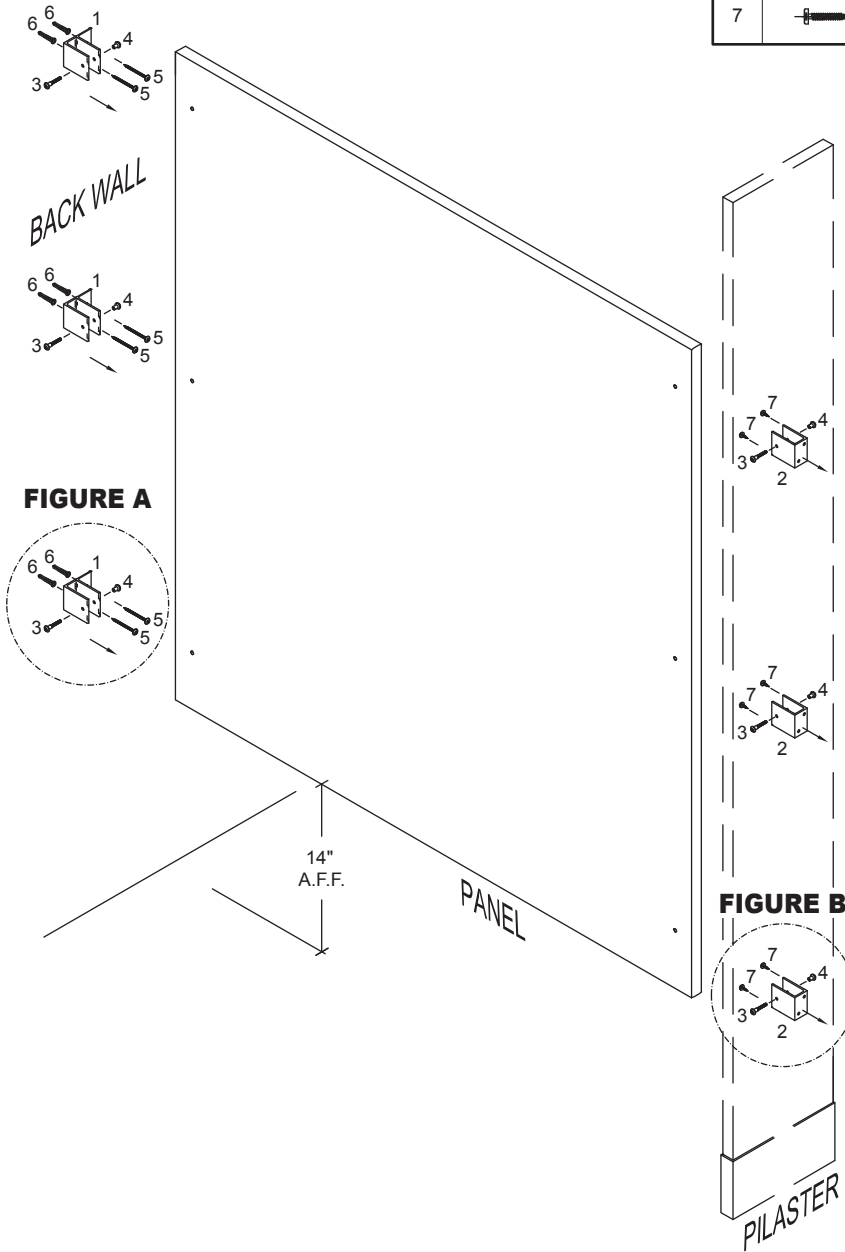


FIGURE A
PANEL TO WALL

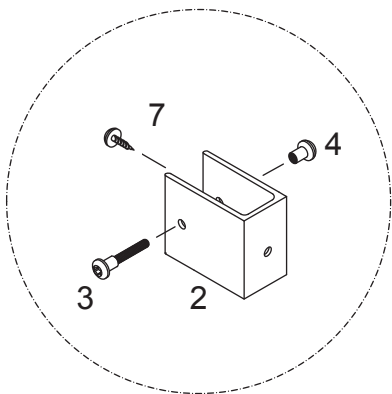










FIGURE B
PANEL TO PILASTER

Alcove Connection with Either One-Eared or Two-Eared Brackets

Panel Hardware Kit

Kit# **40-8447010** or **40-8447020**

INCLUDES: PART ID.		DESCRIPTION	QTY
1		One-Ear Bracket	(6)
2		Vandal Resistant 1" Step-Bolt	(12)
3		Vandal Resistant 5/8" Barrel Nut	(12)
4		Vandal Resistant 2-1/2" S.M.S.	(14)
5		Plastic Shield (Pre-drill 1/4" Pilot Hole)	(14)
6		Vandal Resistant 5/8" S.M.S.	(3)
7		Alcove Clip S/S	(6)
8		Headrail Bracket	(1)

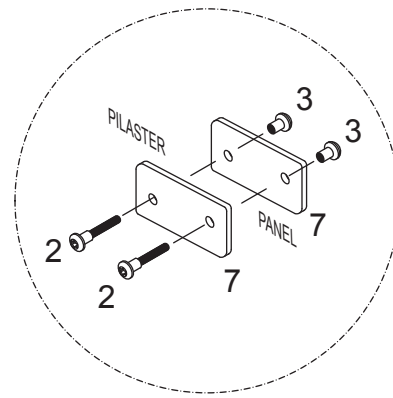
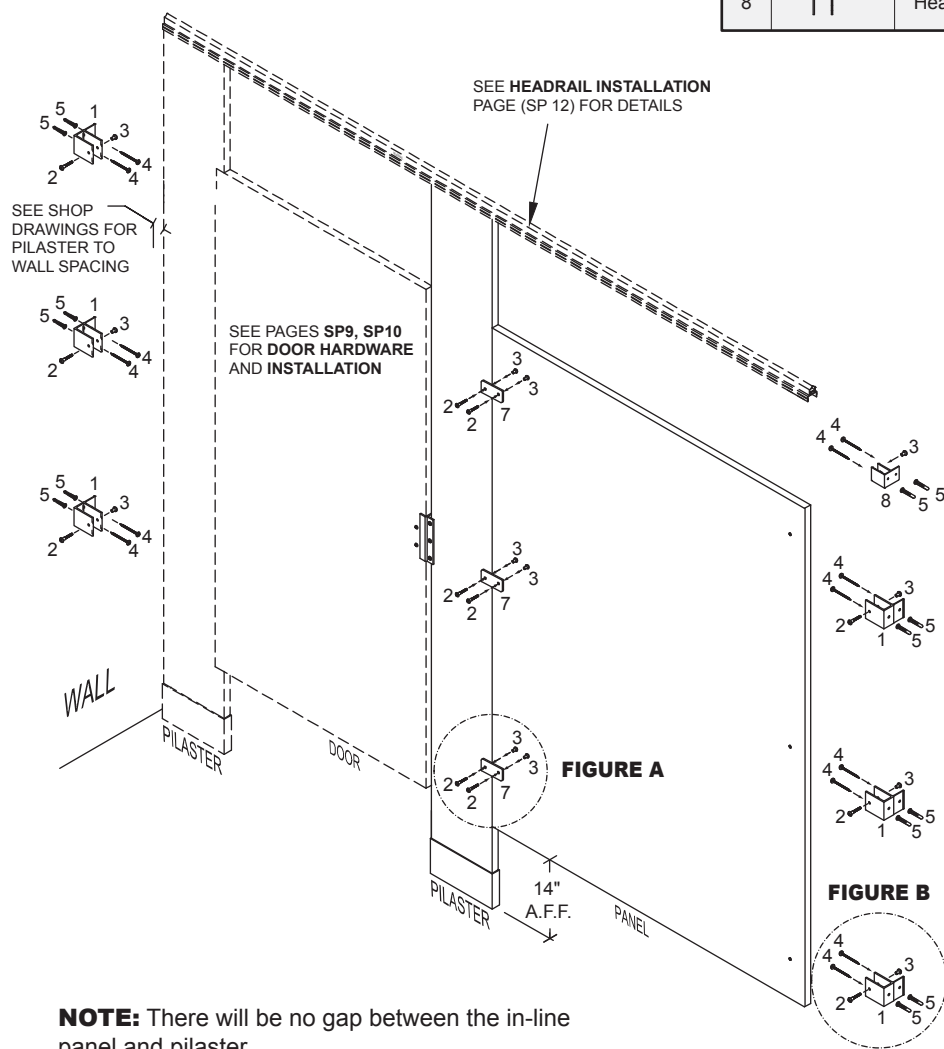


FIGURE A

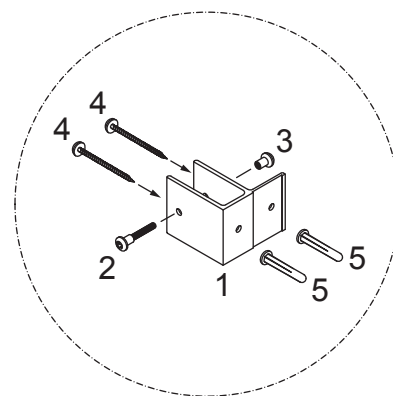


FIGURE B

NOTE: There will be no gap between the in-line panel and pilaster.

Door Hardware Inswing 8" Wrap Hinge – Polymer

Hinges

Hinge kit will contain aluminum housings and toothed plastic inserts. Plastic cam (#3) will be inserted into one of the aluminum housings (#1). This will be the bottom half of the top hinge (pilaster side). Insert female plastic insert (#4) into an aluminum housing. This will be the top half of the upper hinge (door side). (To set closing position of door, mate toothed cam into aluminum housing until desired setting is achieved.)

Insert non-cammed hinge pin (#2) into an aluminum housing. This will be the top half of the lower hinge (pilaster side). The remaining female plastic insert should be placed into aluminum housing and coupled with other half of hinge. Proceed to mark door and secure hinges to edge of pilaster and door with flathead screws (#11) with the exception of the bottom door hinge. This will be secured after door is hung on pilaster. Through-bolt all holes with provided step-bolts and barrel nuts.












Latch and Bumper

Install slide latch at midpoint of the door, 27-1/2" inches up from the bottom of the door. Beveled side should face up to allow for emergency access when door is lifted.

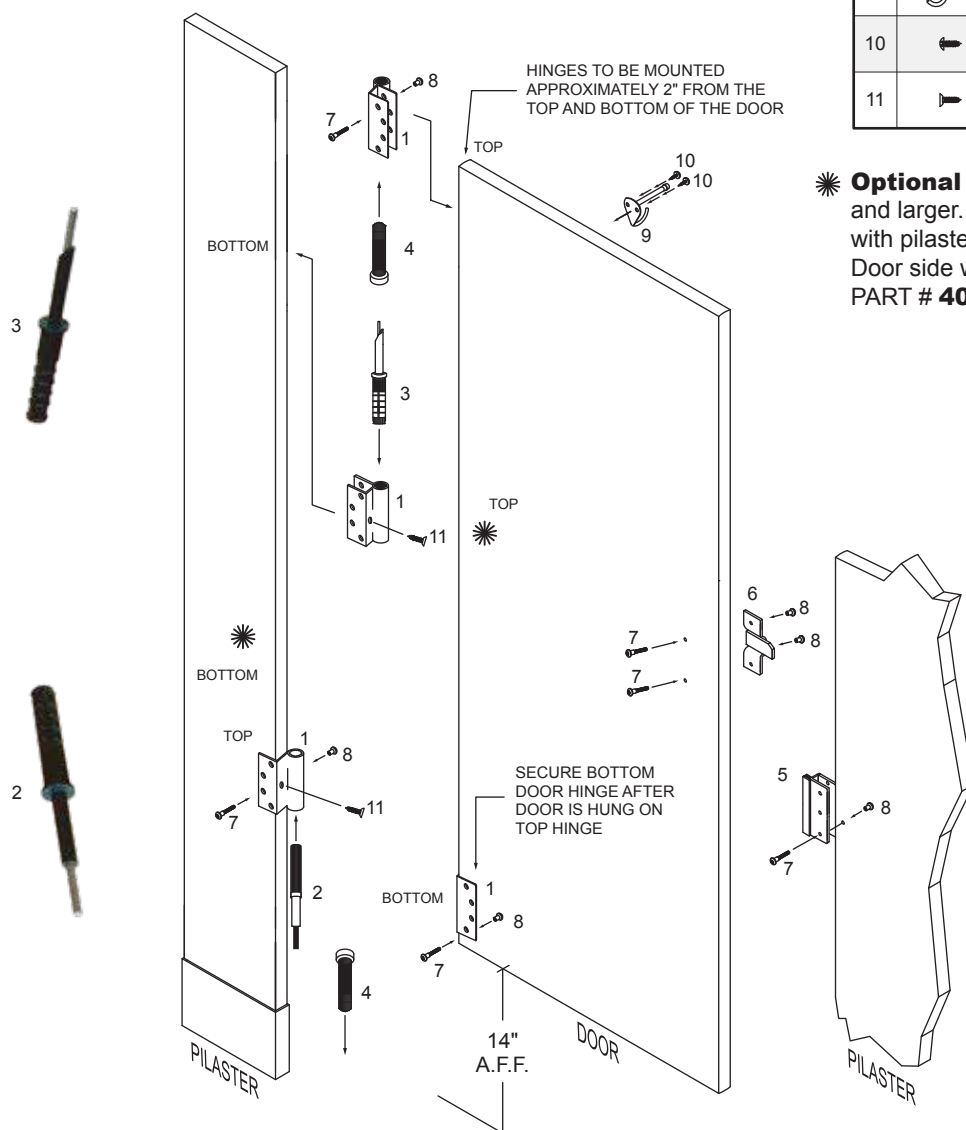
Mount the slide latch on to the door with two (2) step-bolts and two (2) barrel nuts. Install keeper and bumper on pilaster. Be sure that the keeper and bumper is set so that the slide bar of the slide latch engages the notch of the keeper. Install keeper/bumper with three (3) step-bolts and three (3) barrel nuts.

Door Hardware Kit

Kit# 40-8441007

INCLUDES: PART ID.		DESCRIPTION	QTY
1		4" Aluminum Housing	(4)
2		Non-Cammed Hinge Pin Insert	(1)
3		Cammed Hinge Pin Insert	(1)
4		Female Plastic Insert	(2)
5		Stop and Keeper	(1)
6		Slide Latch	(1)
7		Vandal Resistant Step-Bolt 1"	(21)
8		Vandal Resistant Barrel Nut 1/2"	(21)
9		Bumper and Coat Hook	(1)
10		Vandal Resistant Screw 5/8"	(2)
11		Flathead Screw 5/8"	(4)

✱ **Optional 3rd hinge** may be used on Doors 32" and larger. Mount between two standard hinges with pilaster side hinge as lower half fit with pin. Door side will be upper and fit female insert. PART # 40-8442890



If your order includes 64" or 72" doors/panels, refer to shop drawings for mounting height.

Door Hardware Outswing 8" Wrap Hinge – Polymer Hinges

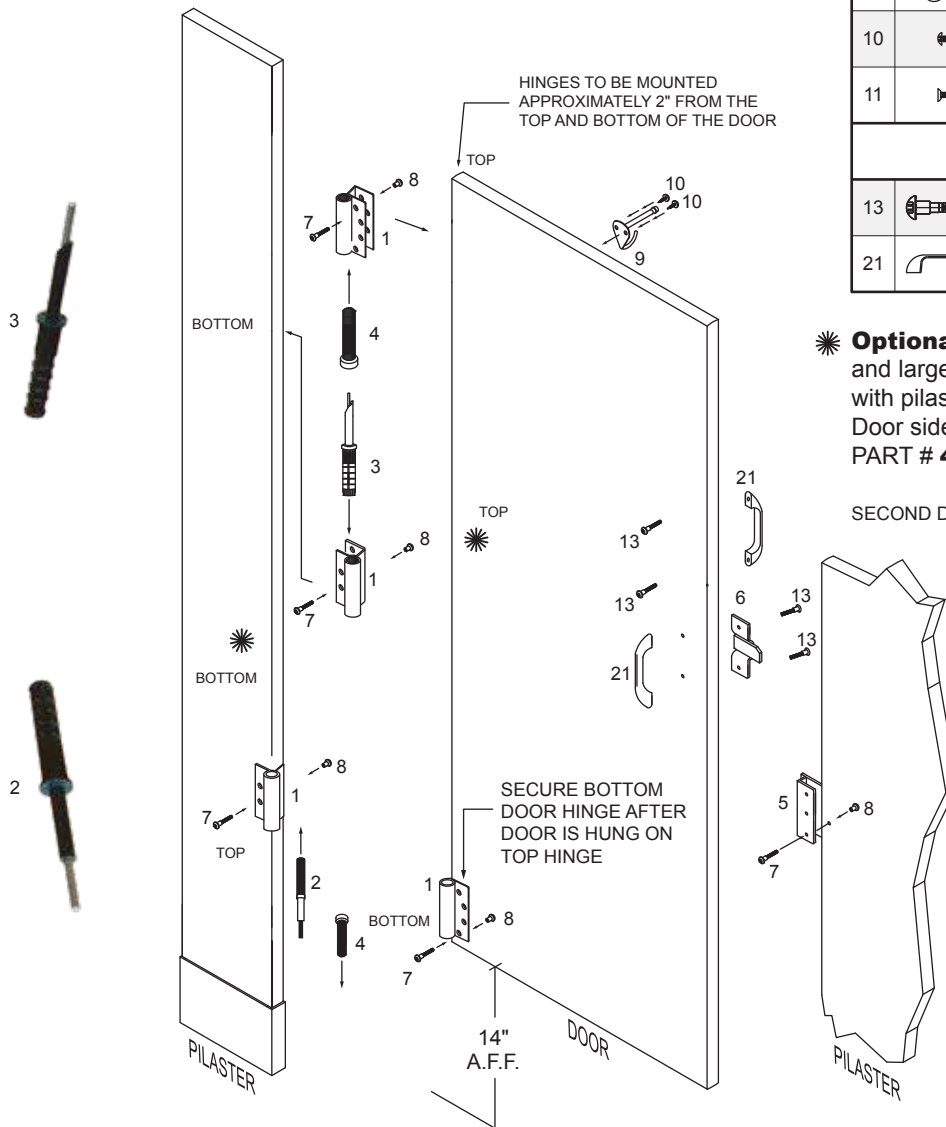
Hinge kit will contain aluminum housings and toothed plastic inserts. Plastic cam (#3) will be inserted into one of the aluminum housings (#1). This will be the bottom half of the top hinge (pilaster side). Insert female plastic insert (#4) into an aluminum housing. This will be the top half of the upper hinge (door side). (To set closing position of door, mate toothed cam into aluminum housing until desired setting is achieved.)

Insert non-cammed hinge pin (#2) into an aluminum housing. This will be the top half of the lower hinge (pilaster side). The remaining female plastic insert should be placed into aluminum housing and coupled with other half of hinge. Proceed to mark door and secure hinges to edge of pilaster and door with flathead screws (#11) with the exception of the bottom door hinge. This will be secured after door is hung on pilaster. Through-bolt all holes with provided step-bolts and barrel nuts.

Latch and Bumper

Install slide latch at midpoint of the door, 27-1/2" inches up from the bottom of the door. Beveled side should face up to allow for emergency access when door is lifted.

Mount the slide latch on to the door with two (2) step-bolts and two (2) barrel nuts. Install keeper and bumper on pilaster. Be sure that the keeper and bumper is set so that the slide bar of the slide latch engages the notch of the keeper. Install keeper/bumper with three (3) step-bolts and three (3) barrel nuts.



Door Hardware Kit

Kit# 40-8441008

INCLUDES: PART ID.		DESCRIPTION	QTY
1		4" Aluminum Housing	(4)
2		Non-Cammed Hinge Pin Insert	(1)
3		Cammed Hinge Pin Insert	(1)
4		Female Plastic Insert	(2)
5		Stop and Keeper	(1)
6		Slide Latch	(1)
7		Vandal Resistant S/S Step-Bolt 1"	(27)
8		Vandal Resistant S/S Barrel Nut	(27)
9		Bumper and Coat Hook	(1)
10		Vandal Resistant S/S Screw	(2)
11		Flathead S/S Screw 5/8"	(4)
13		Vandal Resistant S/S Step-Bolt 1-1/4"	(2)
21		Door Pull Handle	(4)

✱ **Optional** 3rd hinge may be used on Doors 32" and larger. Mount between two standard hinges with pilaster side hinge as lower half fit with pin. Door side will be upper and fit female insert. PART # 40-8442890

SECOND DOOR PULL SHOULD BE PLACED TO SUIT

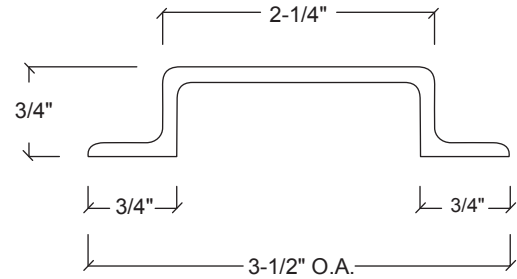
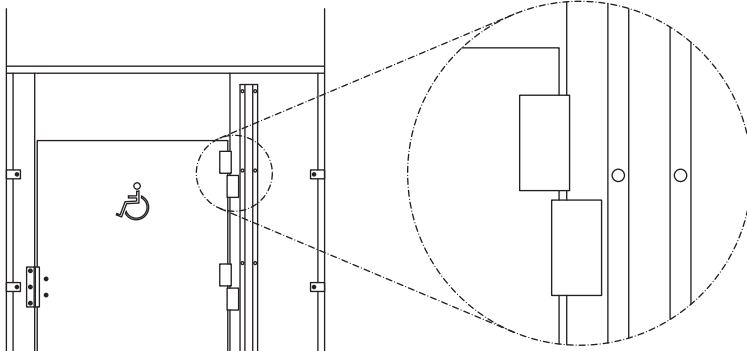
If your order includes 64" or 72" doors/panels, refer to shop drawings for mounting height.

Solid Plastic Stiffener Channel

The 75" Stiffener is used to provide added support to the pilasters.

NOTE: Locations will be shown on shop drawings

HINGE SIDE PILASTER MOUNTING



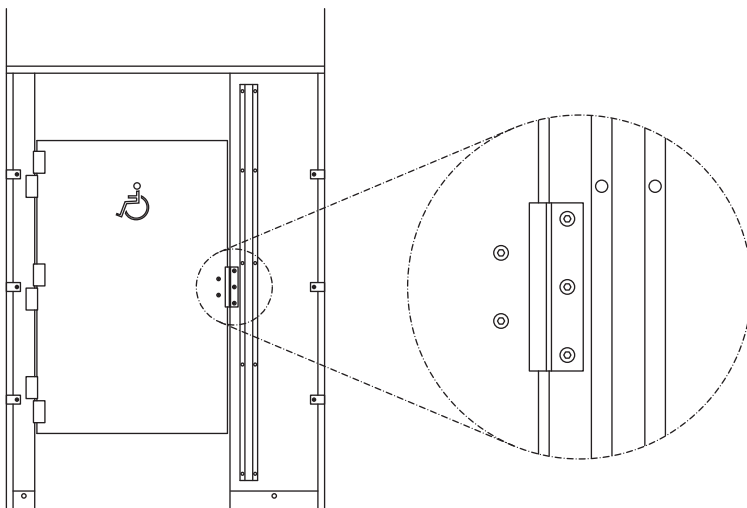
CROSS SECTION

INSIDE OF STALL

STD. FRONT ELEVATION

N T S FOR REFERENCE ONLY

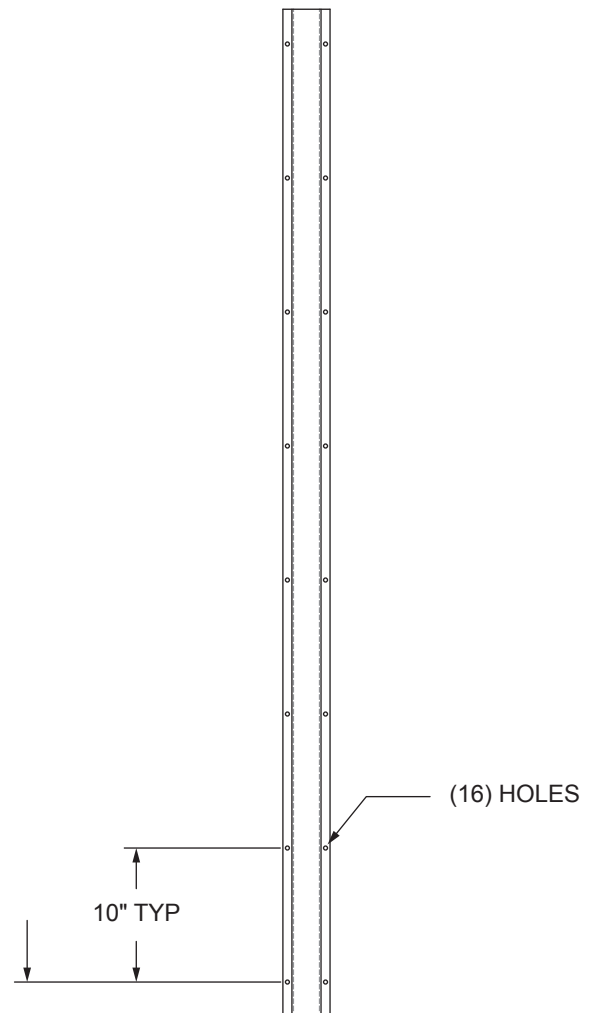
LATCH SIDE PILASTER MOUNTING



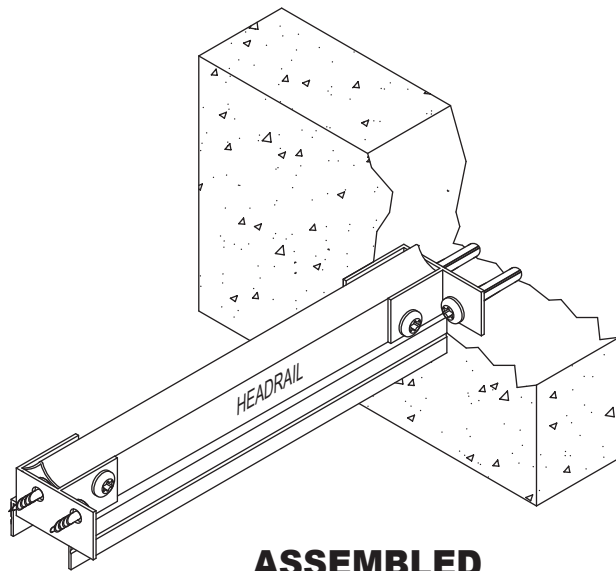
INSIDE OF STALL

STD. FRONT ELEVATION

N T S FOR REFERENCE ONLY



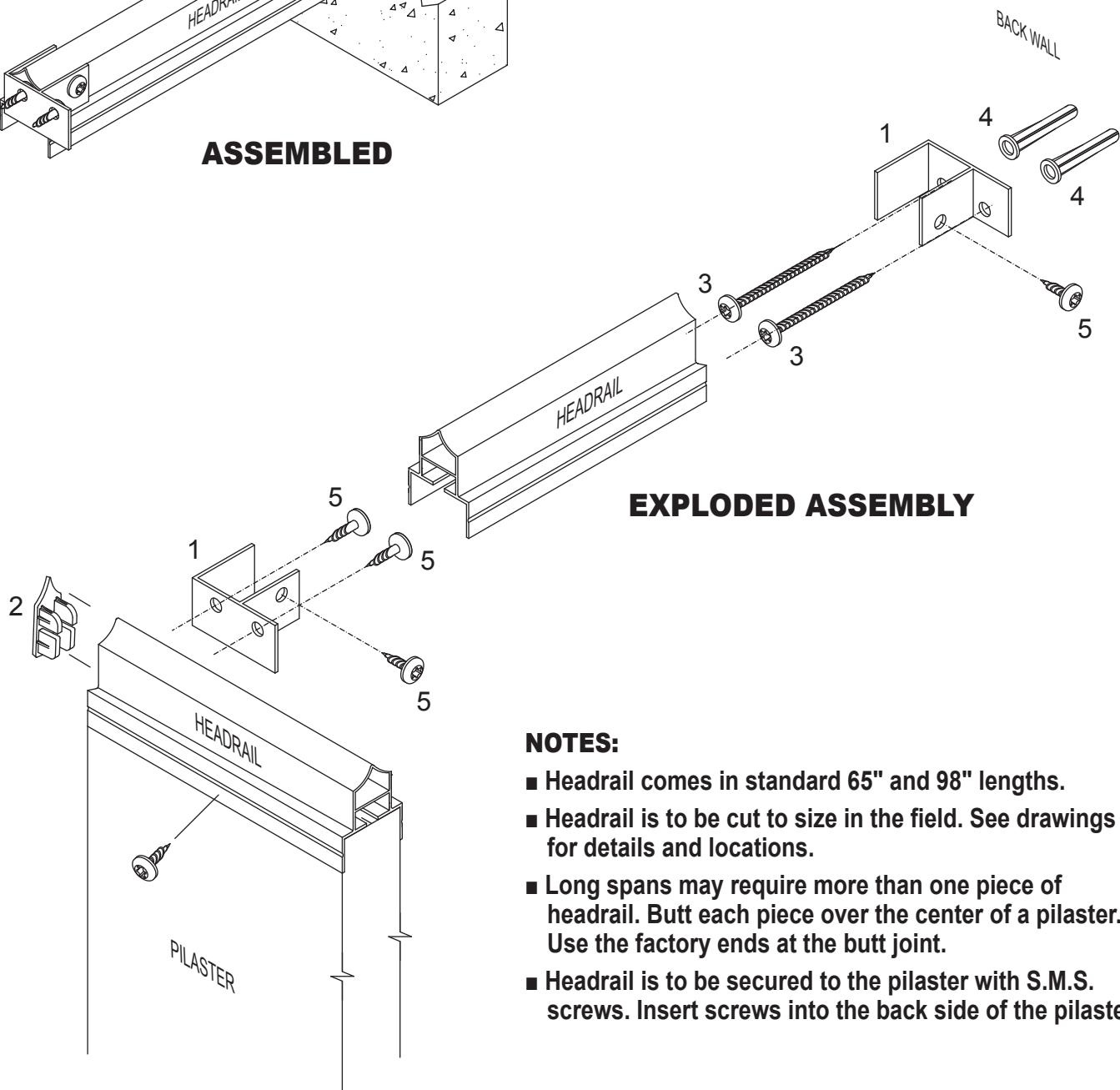
Headrail Connection



ASSEMBLED

Bag# 40-8448100

INCLUDES: PART ID.	DESCRIPTION	QTY
1	Headrail Satin "F" Zamac Bracket	(2)
2	Headrail Cap Satin Zamac	(1)
3	Vandal Resistant 2-1/2" S.M.S.	(2)
4	Plastic Shield 14/16" x 1-1/2" (Pre-drill 1/4" Pilot Hole)	(2)
5	Vandal Resistant 5/8" S.M.S.	(4)



EXPLODED ASSEMBLY

NOTES:

- Headrail comes in standard 65" and 98" lengths.
- Headrail is to be cut to size in the field. See drawings for details and locations.
- Long spans may require more than one piece of headrail. Butt each piece over the center of a pilaster. Use the factory ends at the butt joint.
- Headrail is to be secured to the pilaster with S.M.S. screws. Insert screws into the back side of the pilaster.

Urinal Screen Full Height Assembly – Polymer

- A. Before proceeding, confirm that backing of wall is adequate to support and secure mounting of urinal screens.
- B. Insert anchoring devices in walls and secure wall brackets.
- C. Place urinal screen on a support, 14" above the floor.
- D. Set it into wall bracket and fasten urinal screen with through-bolts at this time.

Urinal Screen Hardware Kit

Kit# **40-8449000**

INCLUDES: PART ID.	DESCRIPTION	QTY
1	 Two-Ear Continuous Wall U/S Bracket	(1)
2	 Vandal Resistant 2-1/2" S.M.S.	(8)
3	 Plastic Shield (Pre-drill 1/4" Pilot Hole)	(8)
4	 Vandal Resistant S/S Step-Bolt 1" Long	(4)
5	 Vandal Resistant S/S Barrel Nut	(4)

FIGURE A

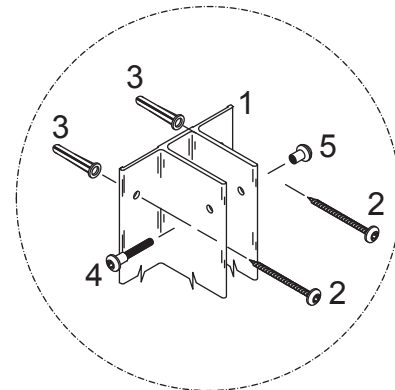
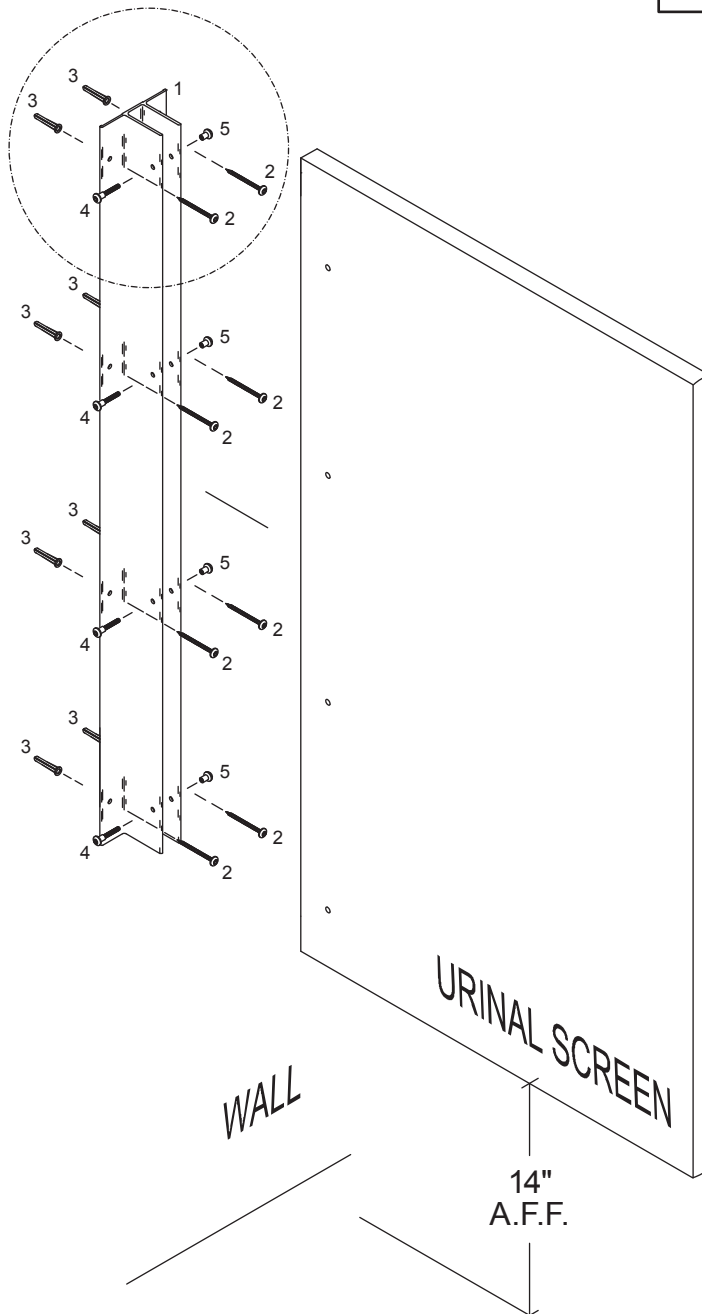


FIGURE A

CARE AND MAINTENANCE OF TOILET PARTITIONS

In order to provide toilet partitions with the care and maintenance, the following instructions must be followed.

- A. All surfaces must be kept clean with water and a mild soap solution only.
- B. In order to provide toilet partitions with the proper care and maintenance, the above instructions must be followed.

WARNING

Under no circumstances should these components be subjected to:

- Abrasive powders or pads
- Water closet cleaners
- Ceramic tile cleaners
- Solutions containing more than 1% by volume of ammonia
- Solutions containing acids or lye
- Solutions containing enzymes

Attention to work progress during new construction or renovation is important.

Other trades and cleaning services may use agents for ceramics and tiles that will damage these components.

25 YEAR WARRANTY

Global Partitions guarantees that the restroom partitions shall be fabricated in accordance with Global's approved drawings and specifications.

Global Partitions guarantees its *Solid Plastic High-Density Polyethylene (HDPE) Partitions*, properly maintained, against breakage, corrosion, and delamination for **25 YEARS** from the date of receipt by the customer. If material is found defective during that period, the material shall be replaced free of charge. No credits or allowances shall be issued for any labor or expenses relating to the replacement of components covered under the warranty plan.

This warranty shall not be applicable if vandalism or improper cleaning/maintenance of partitions has contributed as just cause for partition failure.