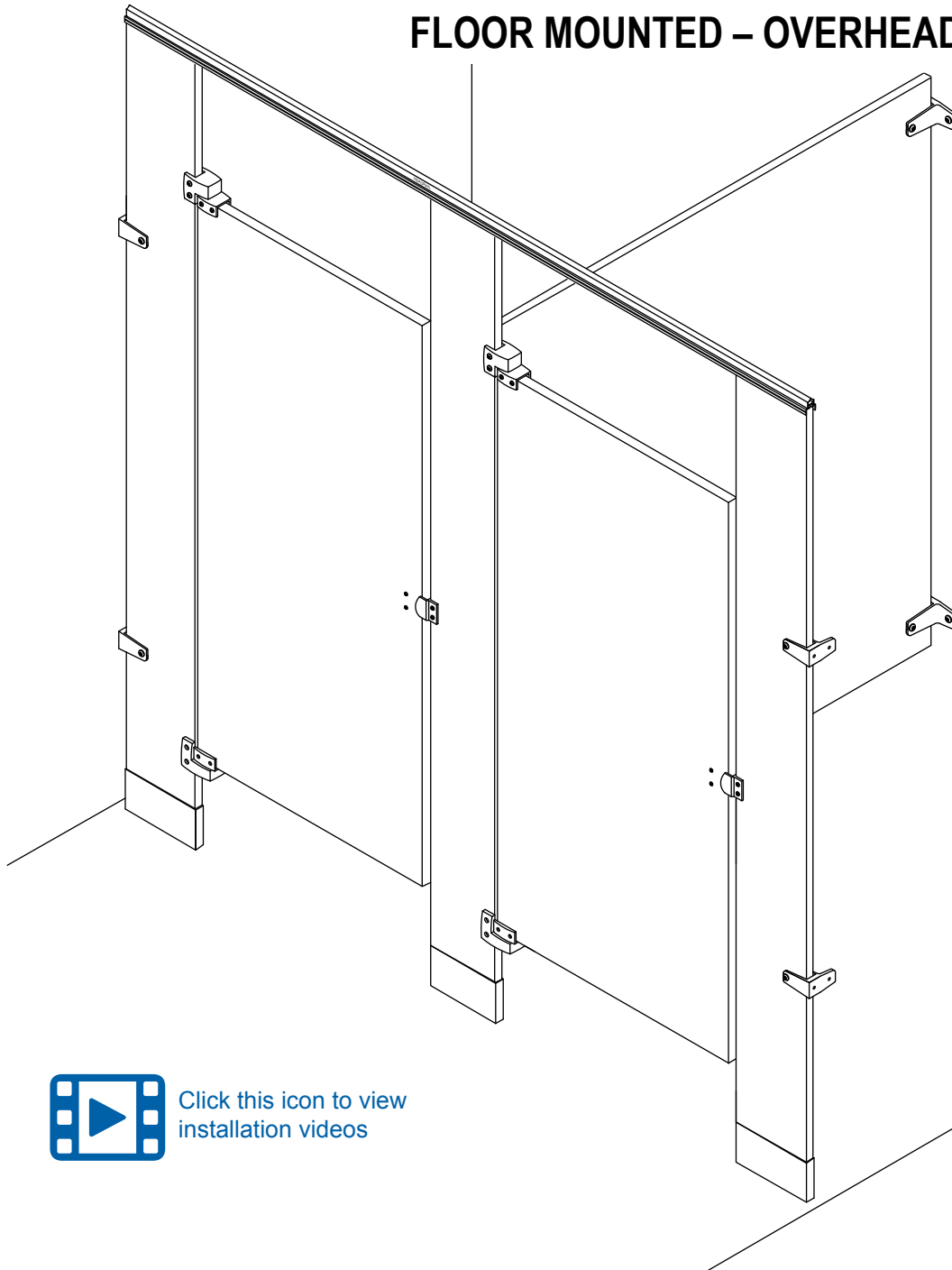


# **ONE POINT PARTITIONS**

## INSTALLATION INSTRUCTIONS FOR ***PHENOLIC PARTITIONS*** FLOOR MOUNTED – OVERHEAD BRACED



Click this icon to view  
installation videos

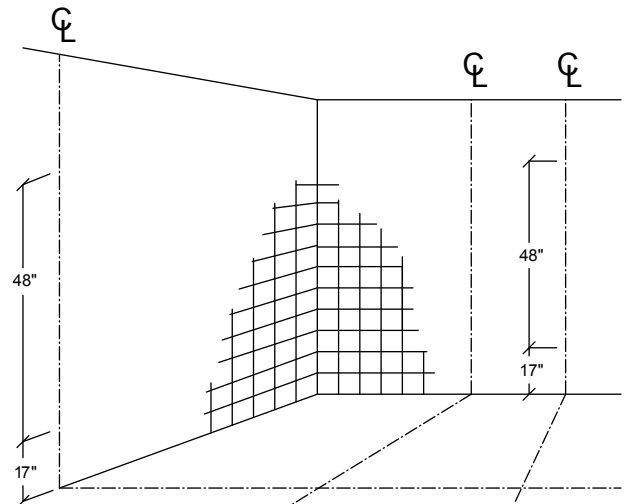
## STEP 1 – Layout

**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 3/4" 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, 1/4" 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 is recommended.**

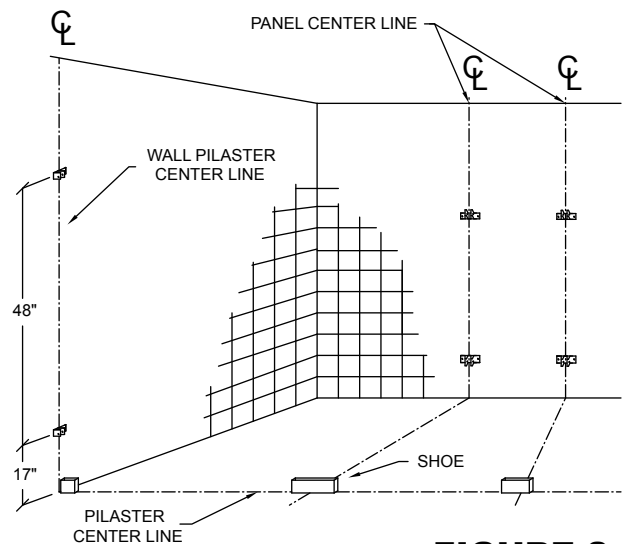
- 2B. Insert anchoring devices in walls and secure wall brackets.
- 2C. Attach the shoes to the concrete floor using the 1/4" concrete screws.

**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.

### DRILL BIT NOTES:

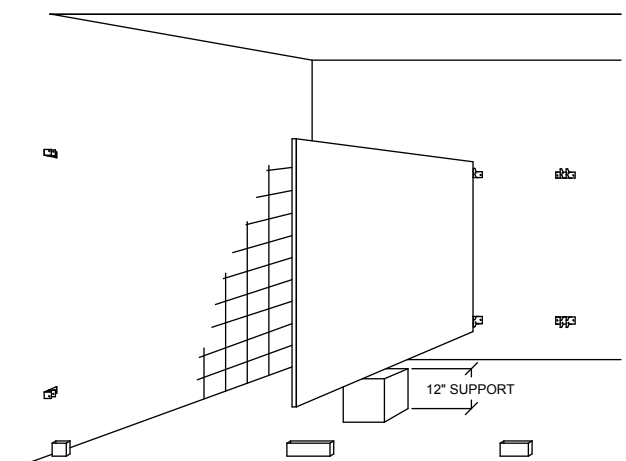
- Use 1/4" Drill Bit to predrill holes into walls.
- Use 1/4" Drill Bit to predrill holes through material for Step-Bolts and Barrel Nuts.
- Use 3/16" Drill Bit to predrill holes for floor anchors.



**FIGURE 2**

## STEP 3 – Position Panel

- 3A. Place panel on a support, 12" above the floor.
- 3B. Set it into wall brackets, but do not fasten panel at this time.



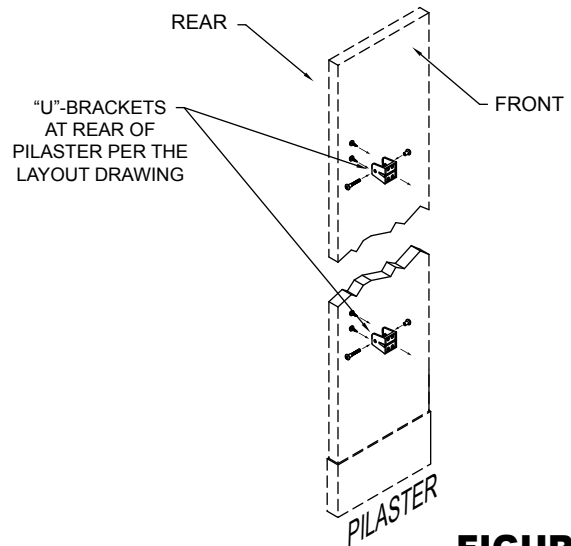
**FIGURE 3**

## STEP 4 – Pilaster Preparation

- 4A. Align “U”-brackets in position on rear of pilasters. Refer to layout drawings and make sure brackets are in alignment with wall brackets.
- 4B. Fasten “U”-brackets to pilaster with sheet metal screws.
- 4C. Pilasters at wall will not have “U”-brackets, but should be prepared for wall and floor fastening as required by compartment layout.

### DRILL BIT NOTES:

- Use 15/64" drill bit to predrill holes for the 3/4" long Vandal Resistant Screws.
- Predrill hole exactly 5/8" deep.

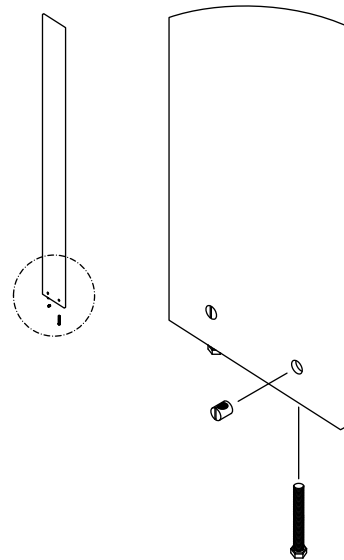


**FIGURE 4**

## STEP 5 – Install Pilasters

- 5A. Insert the dowel nut into the side of the pilaster in the pre-drilled hole provided.
- 5B. Insert the bolt into the bottom and thread into the dowel nut.
- 5C. Insert the pilaster into the shoe.
- 5D. Level the top of all pilasters by adjusting the leveling bolt to desired position.

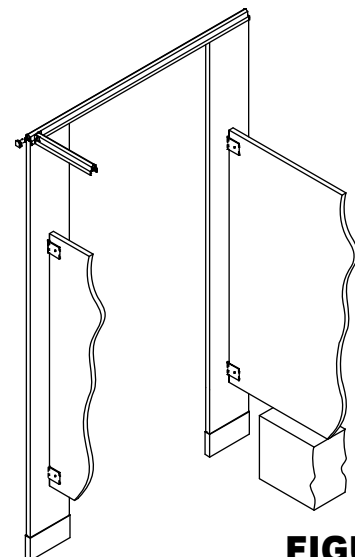
**NOTE:** To determine how far to insert the leveling bolt, find the highest point on the floor, and fully insert the bolt on the pilaster that will be mounted in that location. Adjust all other leveling bolts accordingly.



**FIGURE 5**

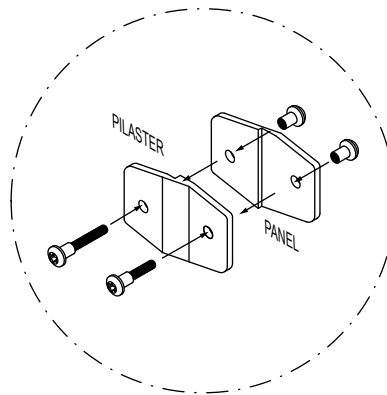
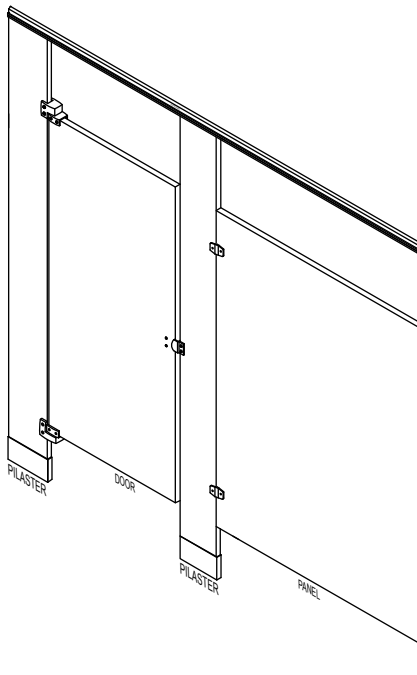
## STEP 6 – Securing Pilasters/Panels

- 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. Plum each pilaster and secure with headrail.  
See **Headrail Assembly (PH11)** for headrail detail.
- 6E. Secure the pilaster to the shoe using shoe screws.



**FIGURE 6**

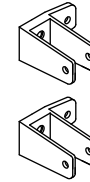
## Pilaster/Panel Alcove Installation



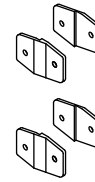
**FIGURE A**

### Alcove Bracket Kit# 8277010

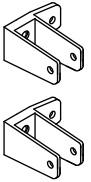
**1-EAR**  
3/4" Pilaster to  
Wall Bracket



**STEP DOWN CLIPS**  
Attach Panel Inline  
to Pilaster

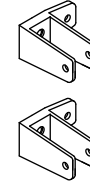


**1-EAR**  
1/2" Panel to  
Wall Bracket

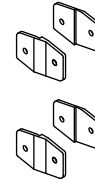


### Alcove Bracket Kit# 8277020

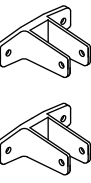
**1-EAR**  
3/4" Pilaster to  
Wall Bracket



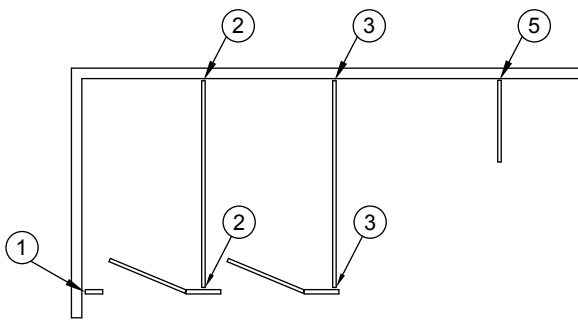
**STEP DOWN CLIPS**  
Attach Panel Inline  
to Pilaster



**2-EAR**  
1/2" Panel to  
Wall Bracket



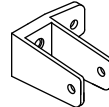
## Bracket Locations



#### Bracket Box Part# 8275210

①

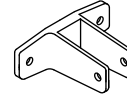
**1-EAR**  
PILASTER TO  
WALL BRACKET



#### Bracket Box Part# 8275020

②

**2-EAR**  
MID PANEL TO  
WALL BRACKET



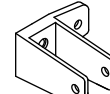
"U"-Bracket  
Panel to Pilaster



#### Bracket Box Part# 8275010

③

**1-EAR**  
END PANEL TO  
WALL BRACKET



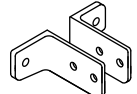
"U"-Bracket  
Panel to Pilaster



#### Bracket Box Part# 8271480

⑤

**URINAL SCREEN**  
WALL TO URINAL  
BRACKET



## Material Thickness Index

TYPE	THICKNESS
PILASTER	3/4" THICK MATERIAL
DOOR	3/4" THICK MATERIAL
PANELS	1/2" THICK MATERIAL
SCREEN	1/2" THICK MATERIAL

- The Material Thickness Index is important due to hardware kits.
- Be sure to NOT use the 3/4" Pilaster Brackets on 1/2" Panels.







## Plaster/Wall Assembly – Phenolic

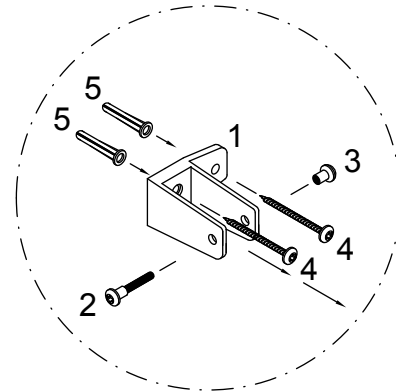
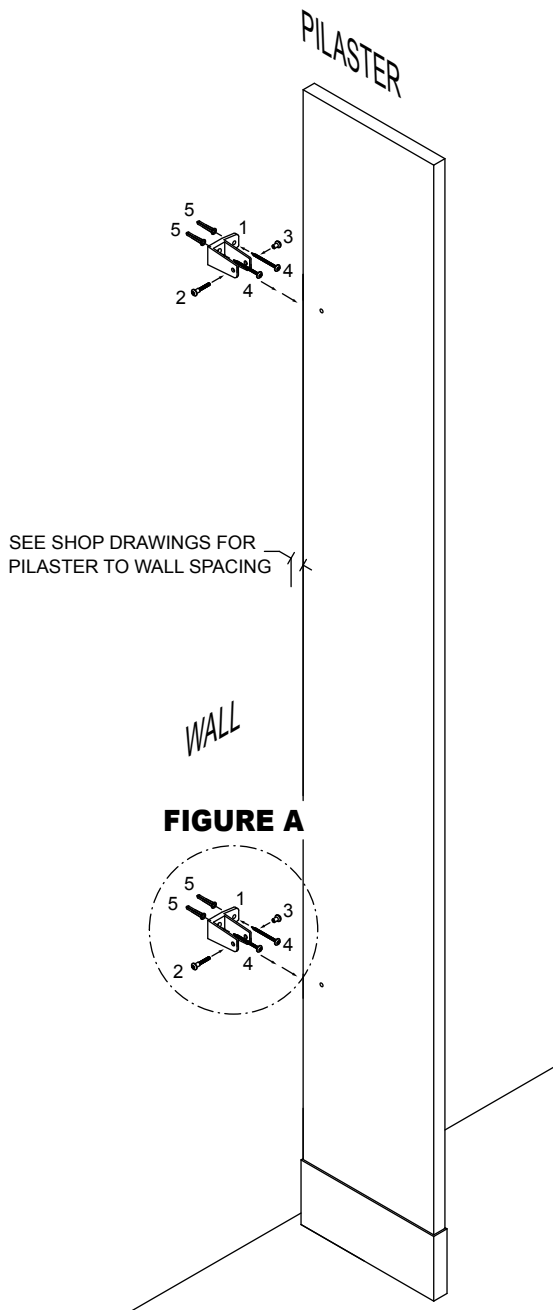
Pilasters must be both plumb and level. To assist in leveling, headrail may be lightly positioned across adjacent pilasters **(do not fasten at this time)**.

- A. Fasten pilaster to wall using through-bolts or sheet metal screws.
- B. Establish bottom door openings by adjusting pilaster mounting bar to desired position and tighten nuts. Refer to **STEP 6 (PH3)**.

### Pilaster/Wall Hardware Kit

Kit# **40-8275210** Stainless Steel

INCLUDES: PART ID.	DESCRIPTION	QTY
1	 S/S One-Ear Wall Bracket	(2)
2	 Vandal Resistant S/S Step-Bolt 3/4" Long	(2)
3	 Vandal Resistant S/S Barrel Nut 3/8" Long	(6)
4	 Vandal Resistant 2-1/2" S.M.S.	(4)
5	 Plastic Shield	(4)
6	 Vandal Resistant S/S Step-Bolt 1/2" Long	(4)



**FIGURE A**

## Panel to Pilaster/Wall Two-Ear Assembly – Phenolic

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)**. Refer to **STEPS 4 & 6 (PH3)**.








- A. Plumb panel and fasten panel to two-ear bracket at wall with through-bolts.
- B. Fasten plaster to panel using through-bolts to fasten "U"-brackets to pilaster.

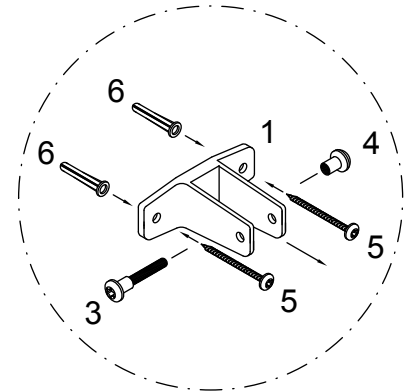
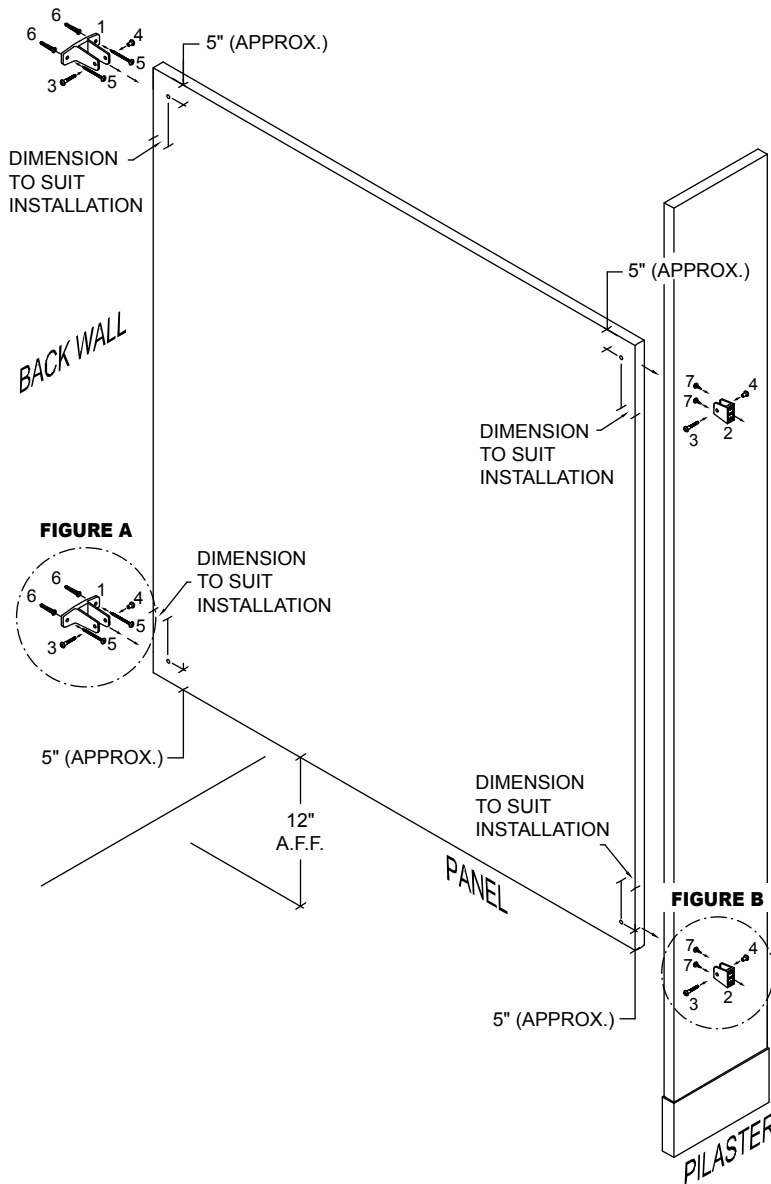
### DRILL BIT NOTES:

- Use 15/64" drill bit to predrill holes for the 5/8" long Vandal Resistant Screws to mount "U"-Bracket to Pilaster.
- Predrill hole exactly 5/8" deep.

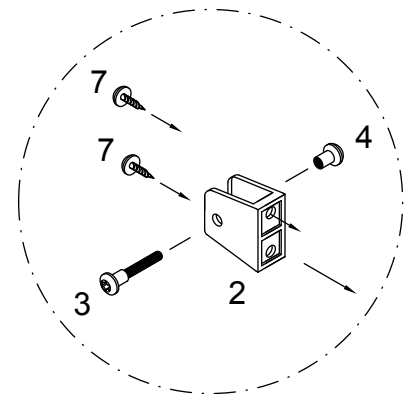
### Panel Hardware Kit

Kit# **40-8275020** Stainless Steel

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



**FIGURE A**



**FIGURE B**

**NOTE:** Use Only Two Vandal Resistant 5/8" S.M.S. to Fasten "U"-bracket to Pilaster.

## Panel to Pilaster/Wall One-Ear Assembly – Phenolic

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)**. Refer to **STEPS 4 & 6 (PH3)**.








- A. Plumb panel and fasten panel to one-ear bracket at wall with through-bolts.
- B. Plumb pilaster and fasten pilaster to panel using through-bolts with barrel nuts. Use sheet metal screws to fasten "U"-brackets to pilaster.

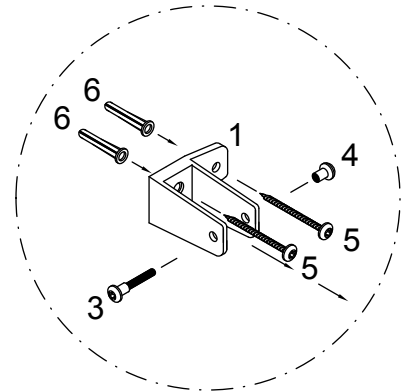
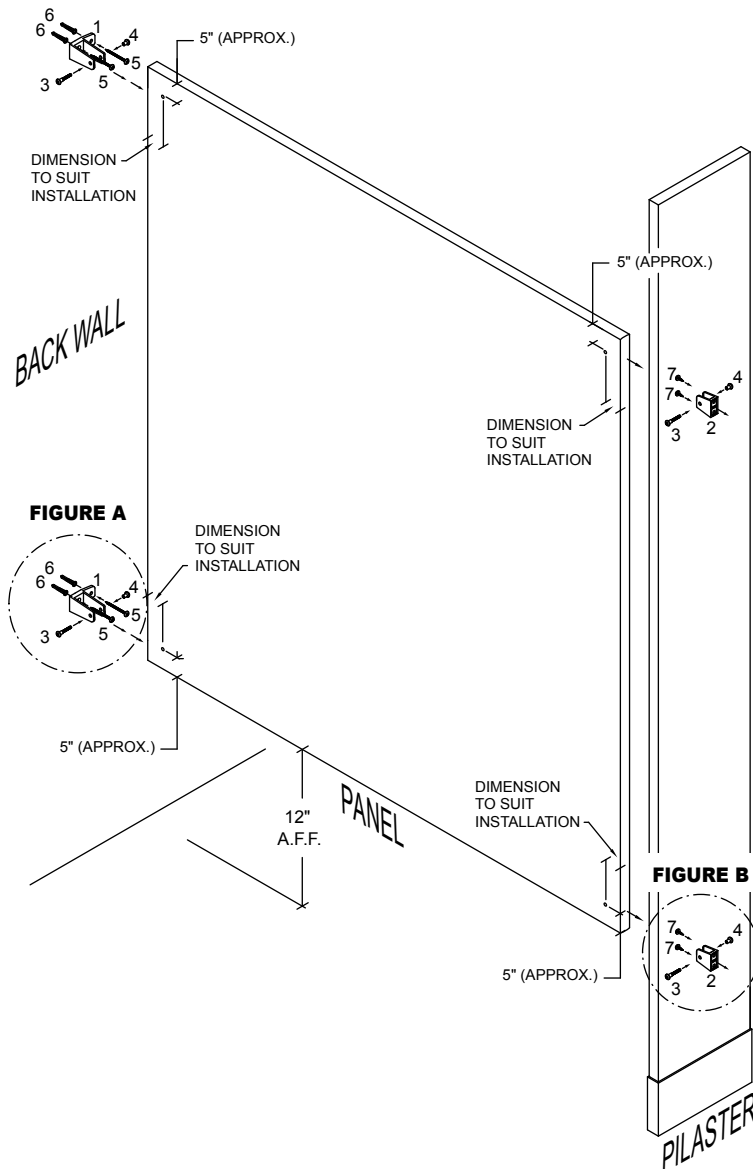
### DRILL BIT NOTES:

- Use 15/64" drill bit to predrill holes for the 5/8" long Vandal Resistant Screws to mount "U"-Bracket to Pilaster.
- Predrill hole exactly 5/8" deep.

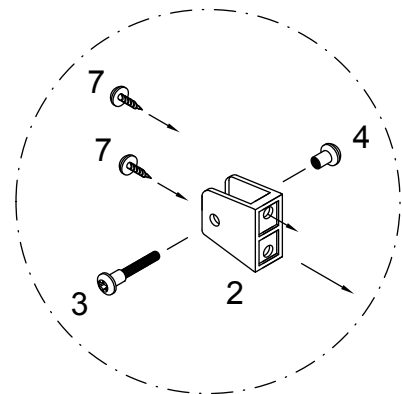
## Panel Hardware Kit

Kit# **40-8275010** Stainless Steel

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



**FIGURE A**



**FIGURE B**











**NOTE:** Use Only Two Vandal Resistant 5/8" S.M.S. to Fasten "U"-bracket to Pilaster.

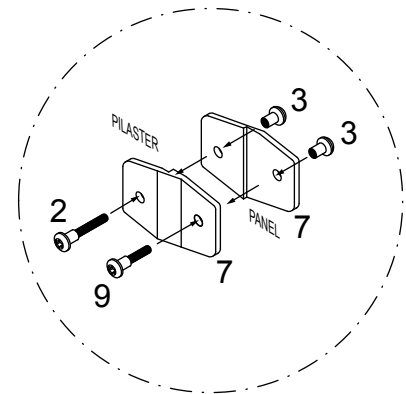
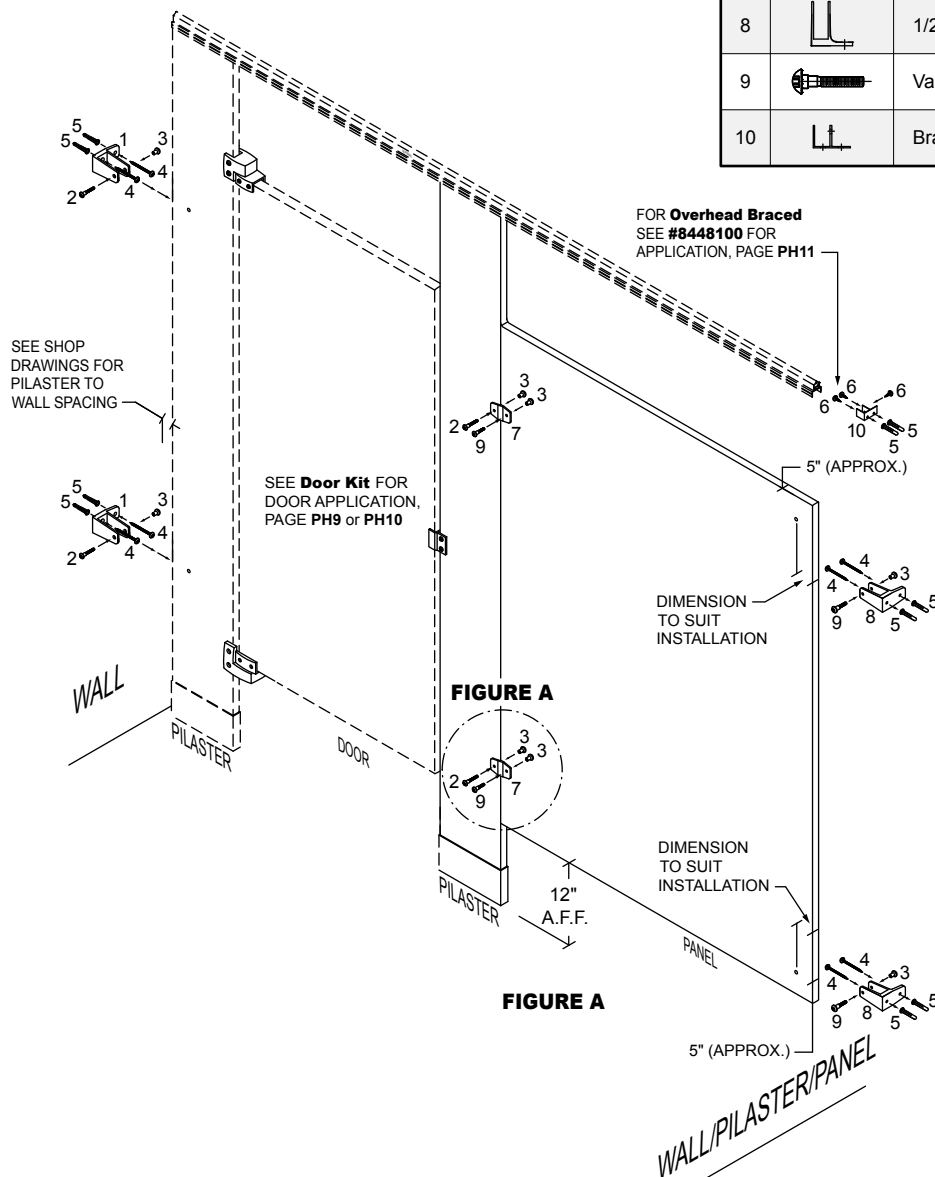
## Pilaster/Panel Alcove Assembly – Phenolic

**NOTE:** Optional #8277020 if two-ear panel to wall is required.

### Alcove Hardware Kit

Kit# **40-8277010** Stainless Steel

INCLUDES: PART ID.	DESCRIPTION	QTY
1	 3/4" One-Ear Bracket	(2)
2	 Vandal Resistant S/S Step-Bolt 3/4" Long	(4)
3	 Vandal Resistant S/S Barrel Nut 3/8" Long	(4)
4	 Vandal Resistant S/S #14 x 2-1/2" S.M.S.	(10)
5	 Plastic Shield	(10)
6	 Vandal Resistant S/S 5/8" Long	(3)
7	 Alcove Clip	(4)
8	 1/2" One-Ear Wall Bracket	(2)
9	 Vandal Resistant S/S Step Bolt 1/2" Long	(4)
10	 Bracket Headrail Satin "F" Zamac	(1)



**FIGURE A**



## Door Inswing

## Door Hardware Assembly Vault Hinge – Outswing – Phenolic

Install slide latch on door opposite the hinge side of door. All slide latches should be mounted at midpoint of the door, 29" up from the bottom of the door.

### Outswing Door

Mount the slide latch to the inside face of door. Use two (2) step-bolts and door pull.

Be sure that the keeper is set so that the slide latch bar is only 1/4" (.250) below the top edge of the keeper and does not engage behind pilaster (bumper only).

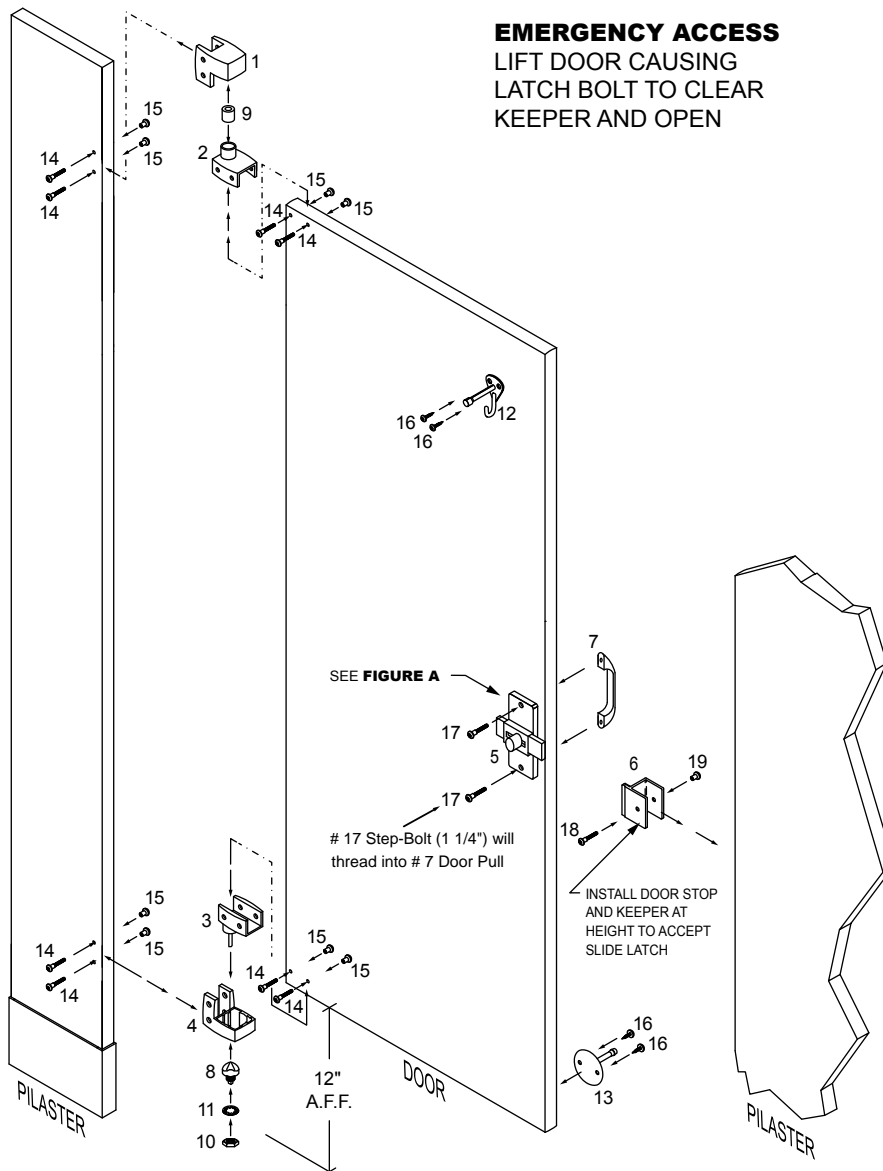
Install keeper with one (1) step-bolt and one (1) barrel nut.

### Adjusting Door Bottom Hinge Resting Position\*

Loosen **10** (Nut Adjusting Bottom Hinge) and turn **8** (Cam Adjusting Bottom Hinge) until desired resting position is achieved. Tighten **10**.

**\*TEST DOOR SWING BEFORE SECURING TOP HINGE TO ENSURE NO BINDING.**

**With the door in the lowest resting position, there should be an 1/2" gap between the 2 halves of the top hinge.**



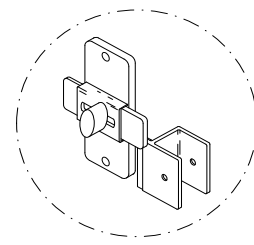
## Outswing Door Hardware Kit

Kit# **40-8571006** Brushed Finish

INCLUDES: PART ID.	DESCRIPTION	QTY
1	Vault Hinge Top Pilaster Side	(1)
2	Vault Hinge Top Door Side	(1)
3	Vault Hinge Bottom Door Side	(1)
4	Vault Hinge Bottom Pilaster Side	(1)
5	Side Latch Brushed Finish	(1)
6	Outswing Slide Latch Keeper	(1)
7	Pull Handle	(1)
8	Cam Adjusting Bottom Hinge	(1)
9	Bushing Nylon Top Hinge	(1)
10	Nut Adjusting Bottom Hinge	(1)
11	Hinge Washer Internal	(1)
12	Bumper and Coat Hook	(1)
13	Bumper	(1)
14	Vandal Resistant Step-Bolt 1"	(9)
15	Vandal Resistant Barrel Nut 3/8"	(9)
16	Vandal Resistant 5/8" S.M.S.	(4)
17	Vandal Resistant Step-Bolt 1 1/4"	(2)
18	Vandal Resistant Step-Bolt 3/4"	(1)
19	Vandal Resistant Barrel Nut 5/8"	(1)

### DRILL BIT NOTES:

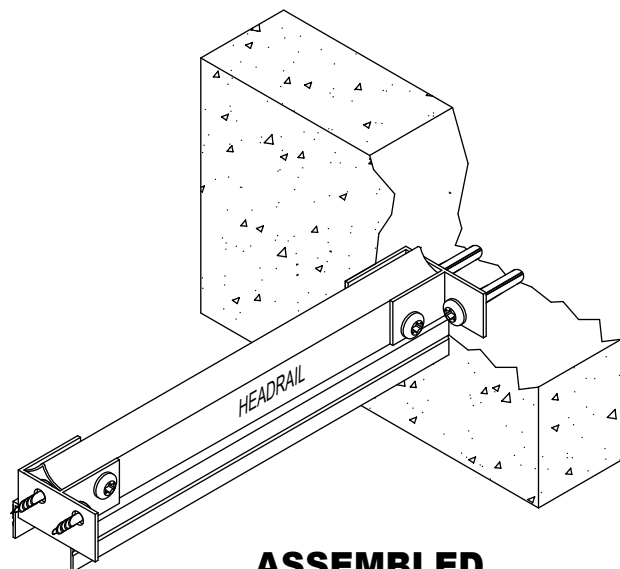
Use 11/64" drill bit to predrill holes for the 5/8" long Vandal Resistant Screws to mount Coat Hook.



**FIGURE A**

**NOTE:** Install side latch so that slide bar, when completely engaged, does not rest behind pilaster.  
It should also be high enough to allow "lift-up" emergency access.






## Headrail Assembly – Phenolic

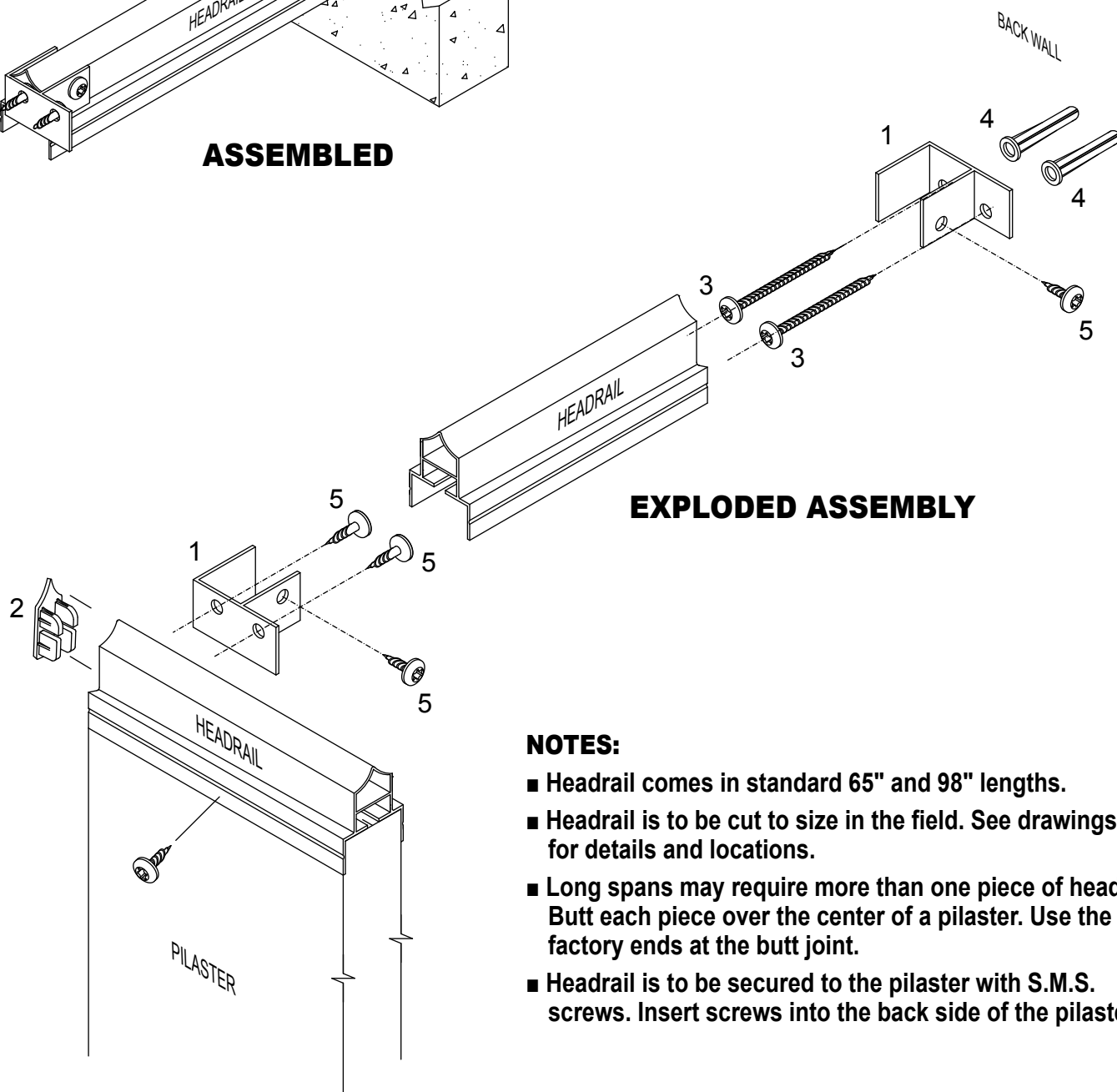


**ASSEMBLED**

### Headrail Hardware Kit

Kit# **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"	(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.

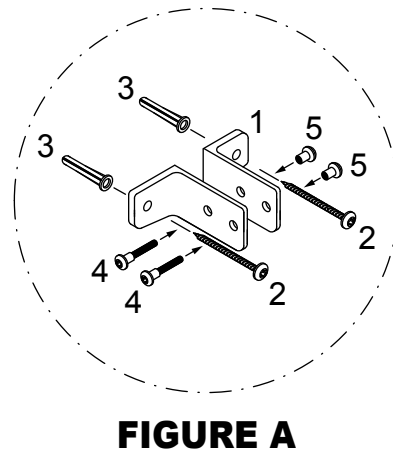
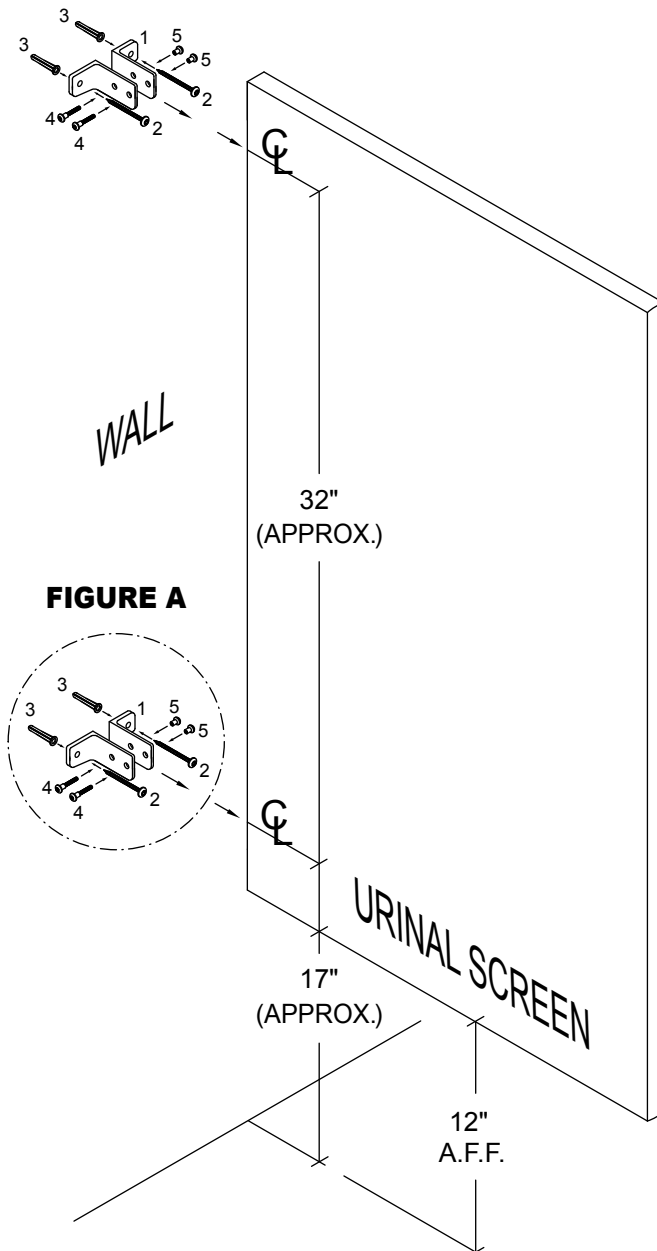
## Urinal Screen Assembly – Phenolic

- Before proceeding, confirm that backing of wall is adequate to support and secure mounting of urinal screens. Check drawings for layout.
- Insert anchoring devices in wall and secure wall angle brackets with 2-1/2" S.M.S.
- Place urinal screen on a support, 12" above the floor.
- Set urinal screen into wall brackets and fasten.

### Urinal Screen Hardware Kit

Kit# **40-8271480** Stainless Steel

INCLUDES: PART ID.		DESCRIPTION	QTY
1		S/S Wall Angle Bracket	(4)
2		Vandal Resistant 2-1/2" S.M.S.	(4)
3		Plastic Shield	(4)
4		Vandal Resistant S/S Step-Bolt 1/2" Long	(4)
5		Vandal Resistant S/S Barrel Nut 3/8" Long	(4)



## CARE AND MAINTENANCE OF TOILET PARTITIONS

In order to provide toilet partitions with the proper 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 high humidity areas, the rooms must be properly ventilated.
- C. "Hosing down" or wet washing of these units may cause water adsorption and damage.
- D. For maximum protection, periodic application of any standard furniture wax will be beneficial.
- E. 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.



## PHENOLIC BLACK CORE WARRANTY

**GLOBAL PARTITIONS** guarantees its *Phenolic Partitions*, properly maintained, against delamination, breakage, or corrosion, 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.