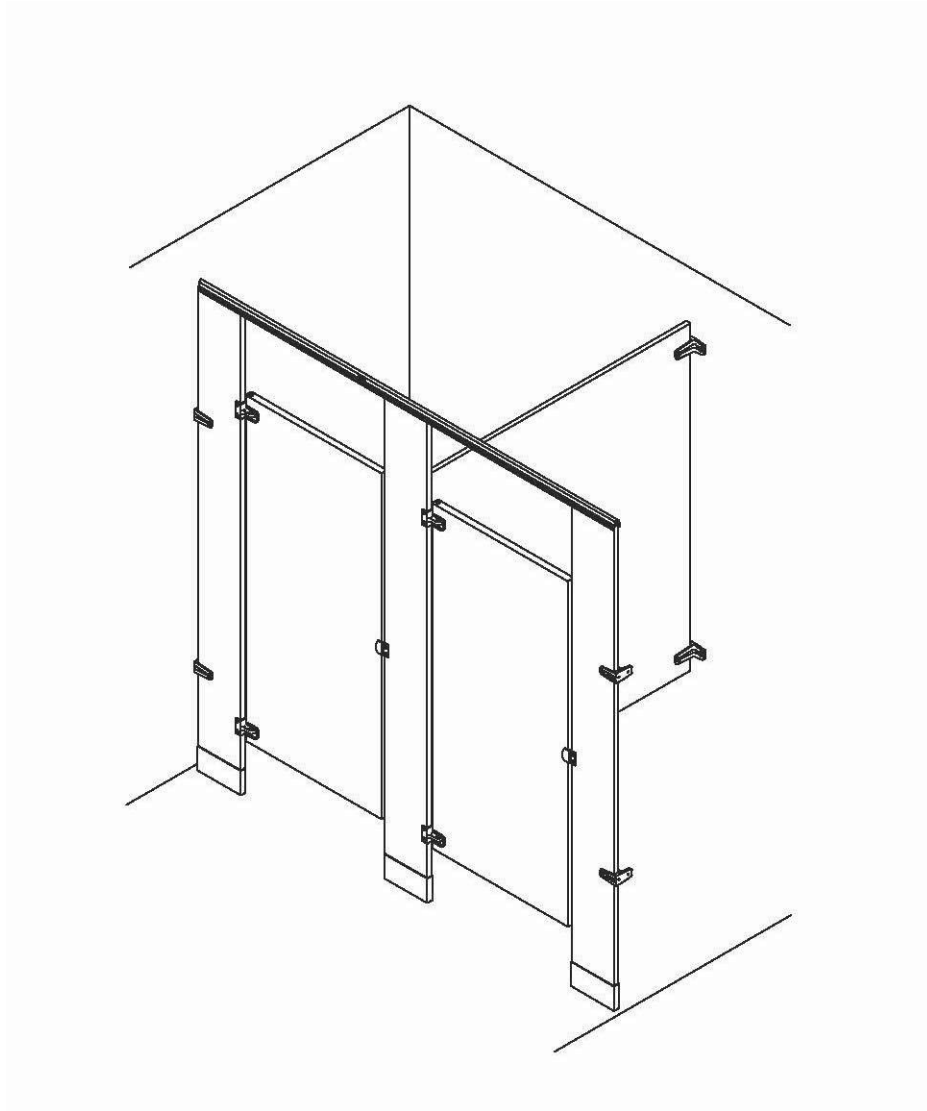


PLASTIC LAMINATE PARTITIONS

Date Issued 01-17



*Thank you for choosing Global Partitions*

*This installation guide was designed to cover as many variations of hardware and mounting styles as possible, while also trying to keep it light and focused.*

*While all materials and standard mounting selections are present, in order to cover the numerous choices of hardware, we have presented each material with it's default hardware. Therefore, while each type is covered, it will be with it's most common mounting style (i.e. continuous brackets on ceiling-hung, piano hinges on Polymer, etc).*

*Please read all steps in their entirety before beginning actual install, as some field conditions and hardware combinations may require alternate installation.*

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*The Components for this project have been custom fabricated. They are guranteed with respect to manufacture and workmanship and were inspected at the factory.*

*Before beginning work, the units should be inspected. If damage occurred in transit, report immedicately to the freight company or other agencies that may have caused the damage.*

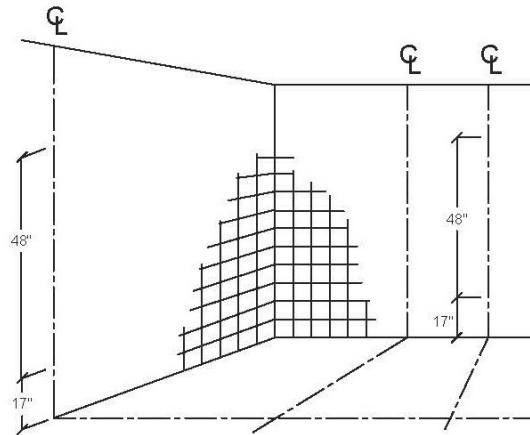
## STEP 1 LAYOUT

### FLOOR ANCHORED/OVERHEAD BRACED

NOTE: FLOOR MUST BE CONCRETE

- Review the layout drawings and package lists that have accompanied this job.
- Before proceeding, confirm that backing of walls and floor is adequate to support secure mounting of the toilet compartment units.
- Establish and mark pilaster center line from back wall.
- Establish and mark panel center lines for wall brackets.
- Establish pilaster floor fastener locations from side wall according to shop drawings. (Note: floor fasteners are located 3/4" from edge of pilaster).
- Mark wall bracket holes using brackets as templates.

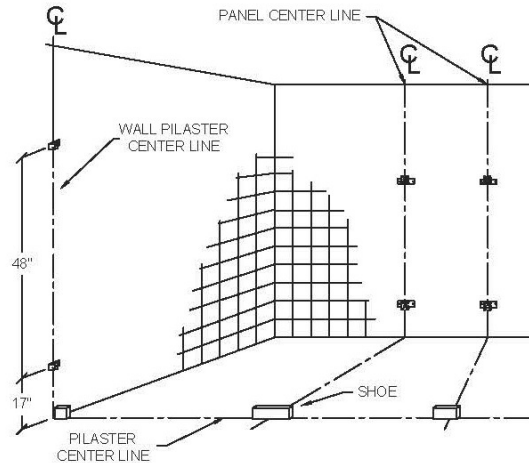
**FIGURE 1**



## STEP 2 WALL BRACKETS AND FLOOR ANCHORS

- 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 thru-bolts, and 3/16" bit for floors. (Note: as site conditions and hardware combinations vary, an assortment of bit sizes is recommended).
- Insert anchoring devices in walls and secure wall brackets.
- 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).
- Adjust the location of the shoes according to the door opening size, and secure shoes to the floor.

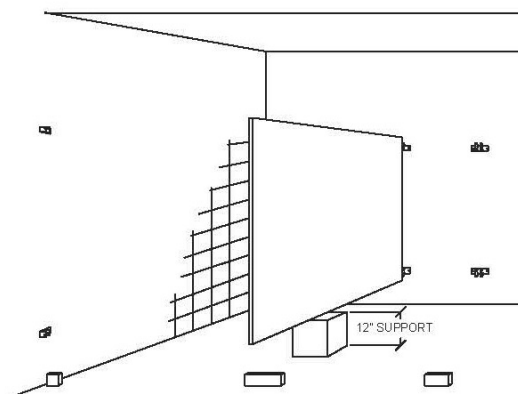
**FIGURE 2**



## STEP 3 POSITION PANEL

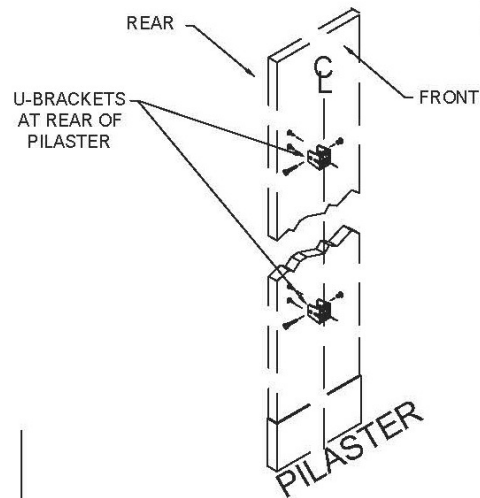
- Place panel on a support, 12" above the floor.
- Set it into wall brackets, but do not fasten panel at this time.

**FIGURE 3**



## STEP 4 PILASTER PREPARATION

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

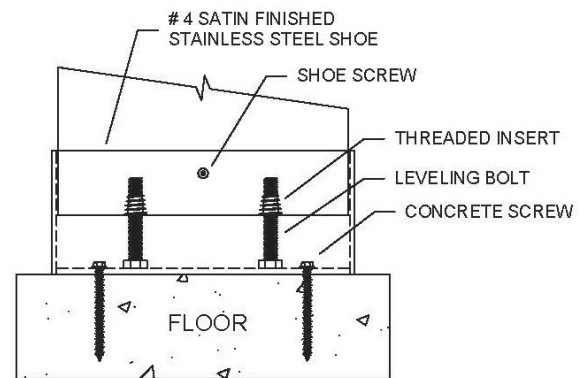


**FIGURE 4**

## STEP 5 INSTALL PILASTERS

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

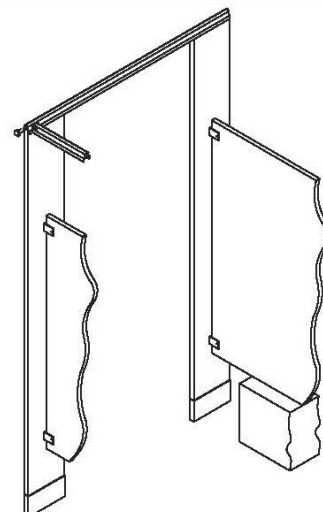
Note: To determine how far to insert the leveling bolt, find the highest point on the floor, and fully insert the bolt on the pilaster that will be mounted in that location. Adjust all other leveling bolts accordingly.



**FIGURE 5**

## STEP 6 SECURING PILASTERS/PANELS

- Level the panel and adjust the gaps at either end.
- Secure the panel to the wall and pilaster using through-bolts.
- Remove panel support device.
- Plumb each pilaster and secure with headrail (see page 10 for headrail detail).
- Secure the pilaster to the shoe using shoe screws.



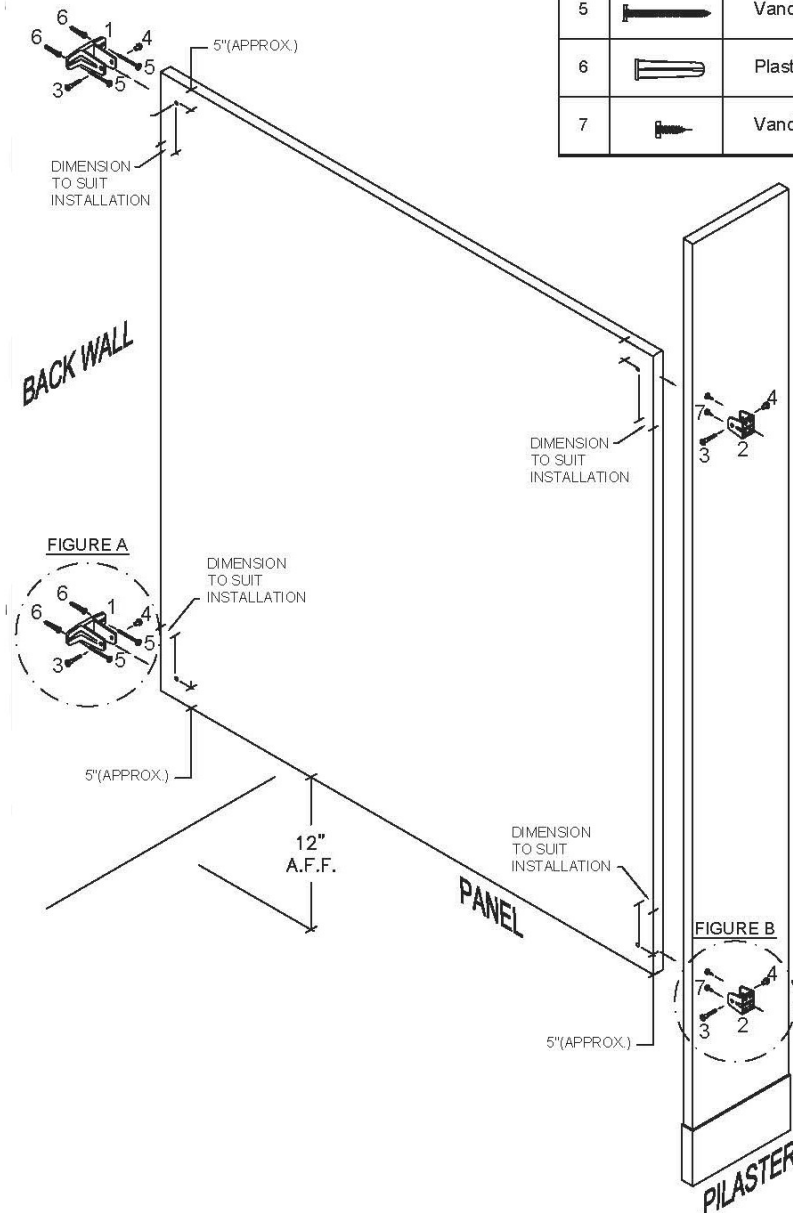
**FIGURE 6**








### FLOOR ANCHORED/OVERHEAD BRACED PANEL TO PILASTER/WALL TWO EAR ASSEMBLY

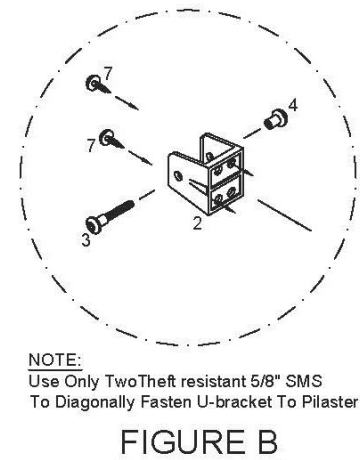
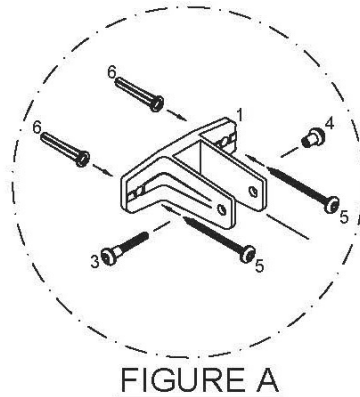
Pilasters must be both plumb and level. To assist in leveling, headrail may be lightly positioned across adjacent pilasters (do not fasten at this time) Refer to steps 4 & 6.

A. Fasten panel to 2-ear bracket at wall with through bolts.

B. Plumb pilaster and fasten pilaster to panel using through bolts or sheet metal screws to "U" brackets.



Panel Hardware Kit (P/N 8515020) Includes: CHROME PLATED ZAMAC		
Panel Hardware Kit (P/N 8265021) Includes: STAINLESS STEEL		
PART ID.	DESCRIPTION	QTY
1	 Two Ear Bracket	(2)
2	 "U" Bracket	(2)
3	 Vandal Resistant Step Bolts 1" Long	(4)
4	 Vandal Resistant Barrel Nut	(4)
5	 Vandal Resistant 2 1/2" S.M.S	(4)
6	 Plastic Shields	(4)
7	 Vandal Resistant 5/8" S.M.S	(4)



**NOTE:**  
Use Only TwoTheft resistant 5/8" SMS  
To Diagonally Fasten U-bracket To Pilaster.

### FLOOR ANCHORED/OVERHEAD BRACED PANEL TO PILASTER/WALL ONE EAR ASSEMBLY

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.

- A. Fasten panel to 1-ear bracket at wall with through bolts.
- B. Plumb pilaster and fasten pilaster to panel using through bolts or sheet metal screws to "U" brackets.

Panel Hardware Kit (P/N 8515010) Includes: CHROME PLATED ZAMAC			
Panel Hardware Kit (P/N 8265011) Includes: STAINLESS STEEL			
PART ID.		DESCRIPTION	QTY
1		One Ear Bracket	(2)
2		"U" Bracket	(2)
3		Vandal Resistant Step Bolts 1" Long	(4)
4		Vandal Resistant Barrel Nut	(4)
5		Vandal Resistant 2 1/2" S.M.S	(4)
6		Plastic Shields	(4)
7		Vandal Resistant 5/8" S.M.S	(12)

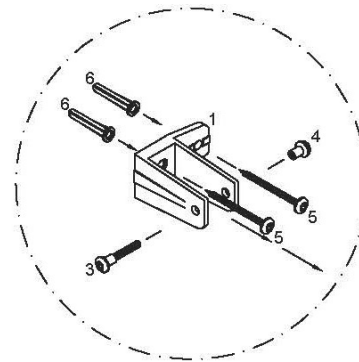
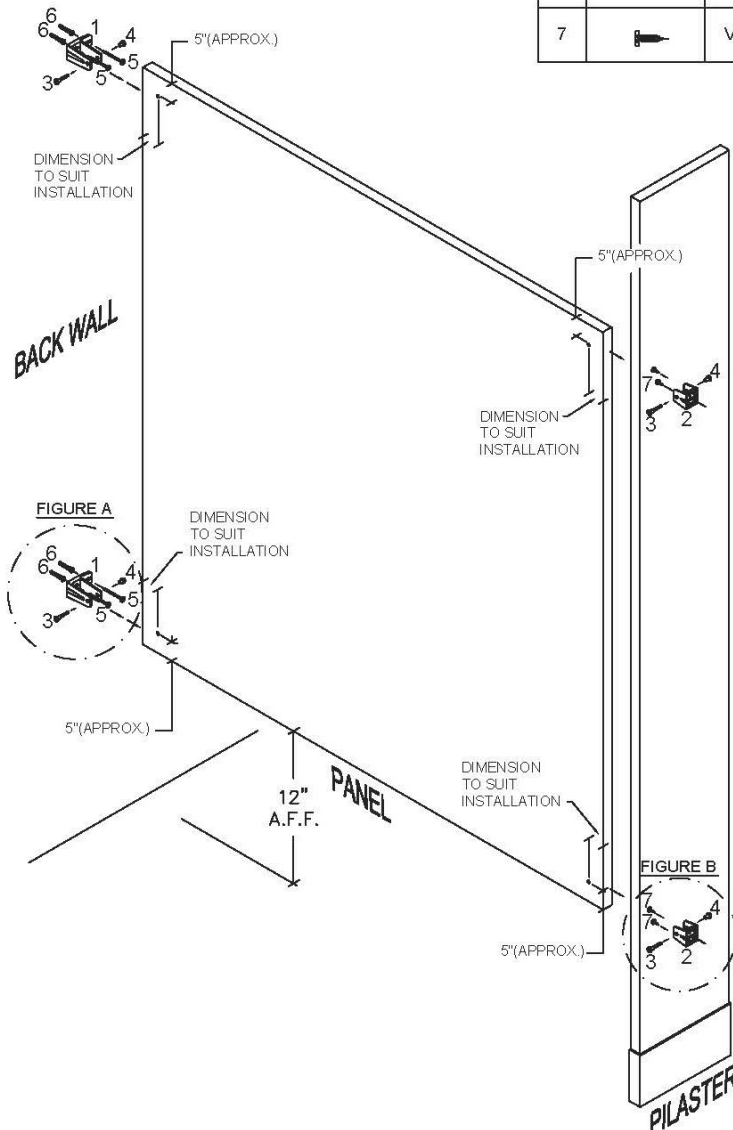
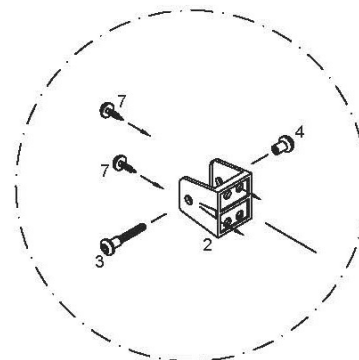


FIGURE A



NOTE:  
Use Only Two Vandal resistant 5/8" SMS  
To Diagonally Fasten U-bracket To Pilaster.





FIGURE B

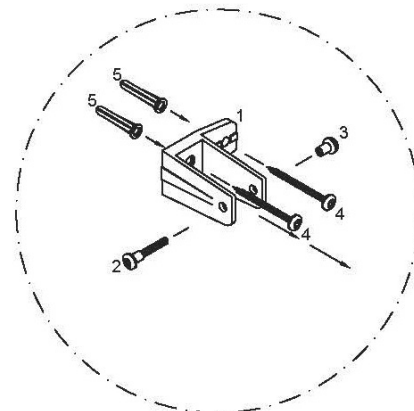
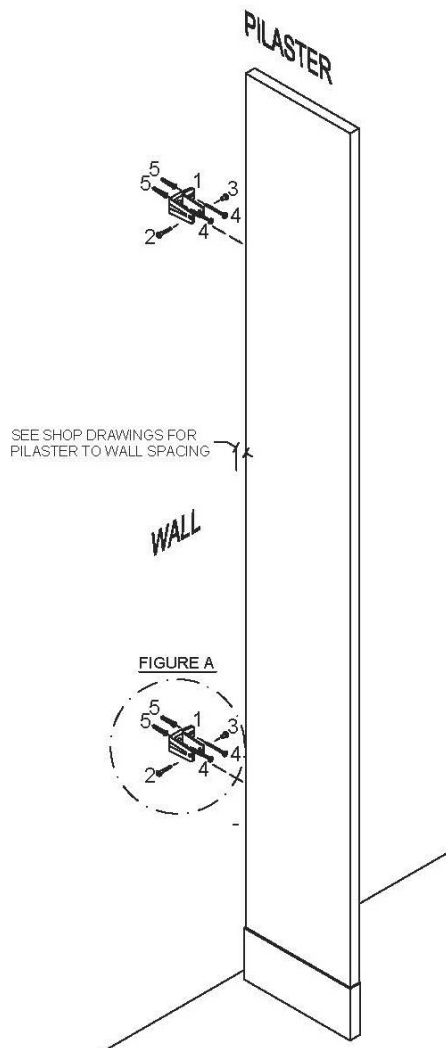


### FLOOR ANCHORED/OVERHEAD BRACED PILASTER/WALL ASSEMBLY PLASTIC LAMINATE

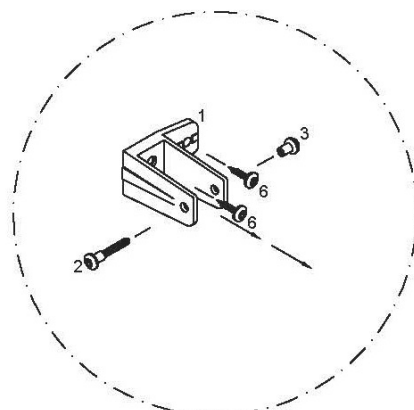
Pilasters must be both plumb and level. To assist in leveling, headrail may be lightly positioned across adjacent pilasters (do not fasten at this time)

- A. Fasten pilaster to wall bracket using through bolts or sheet metal screws.
- B. Establish door openings by adjusting pilaster mounting bar to desired position and tighten nuts. Refer to step 6.

Pilaster/Wall Hardware Kit (P/N 8515210) Includes: CHROME PLATED ZAMAC			
Pilaster/Wall Hardware Kit (P/N 8265211) Includes: STAINLESS STEEL			
PART ID.		DESCRIPTION	QTY
1		One Ear Wall Bracket	(2)
2		Vandal Resistant Step Bolts 1 1/4" Long	(2)
3		Vandal Resistant Barrel Nut	(2)
4		Vandal Resistant 2 1/2" S.M.S	(4)
5		Plastic Shields	(4)
6		Vandal Resistant 5/8" S.M.S	(4)



**FIGURE A**














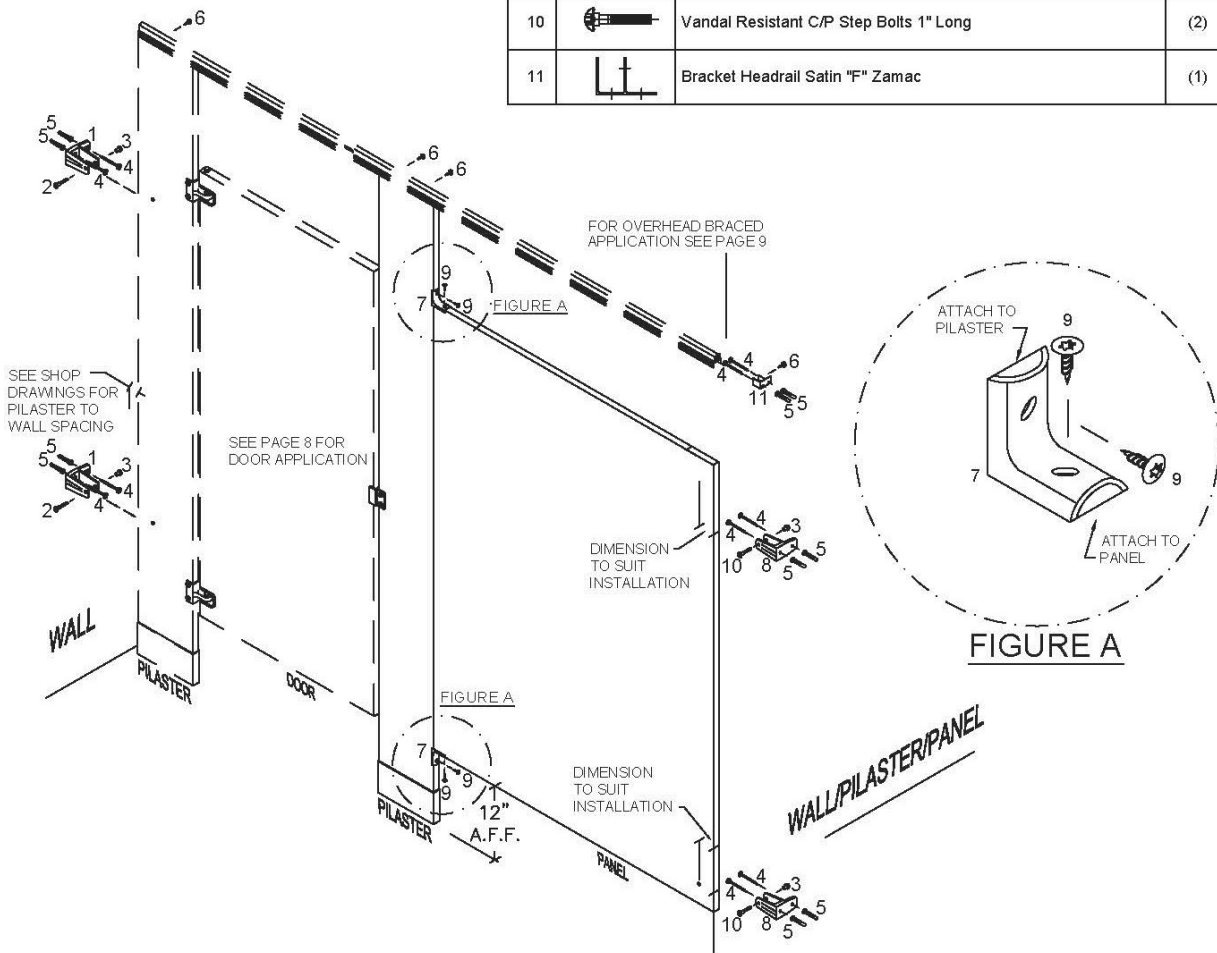
**NOTE:**  
Replace Vandal Resistant 2 1/2"  
With Vandal Resistant 5/8"  
To Fasten Pilaster To Panel.

**FIGURE B**



**FLOOR ANCHORED/  
OVERHEAD BRACED  
PILASTER/PANEL ALCOVE  
ASSEMBLY ONE EAR  
PLASTIC LAMINATE**

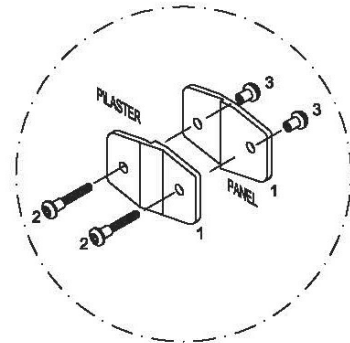
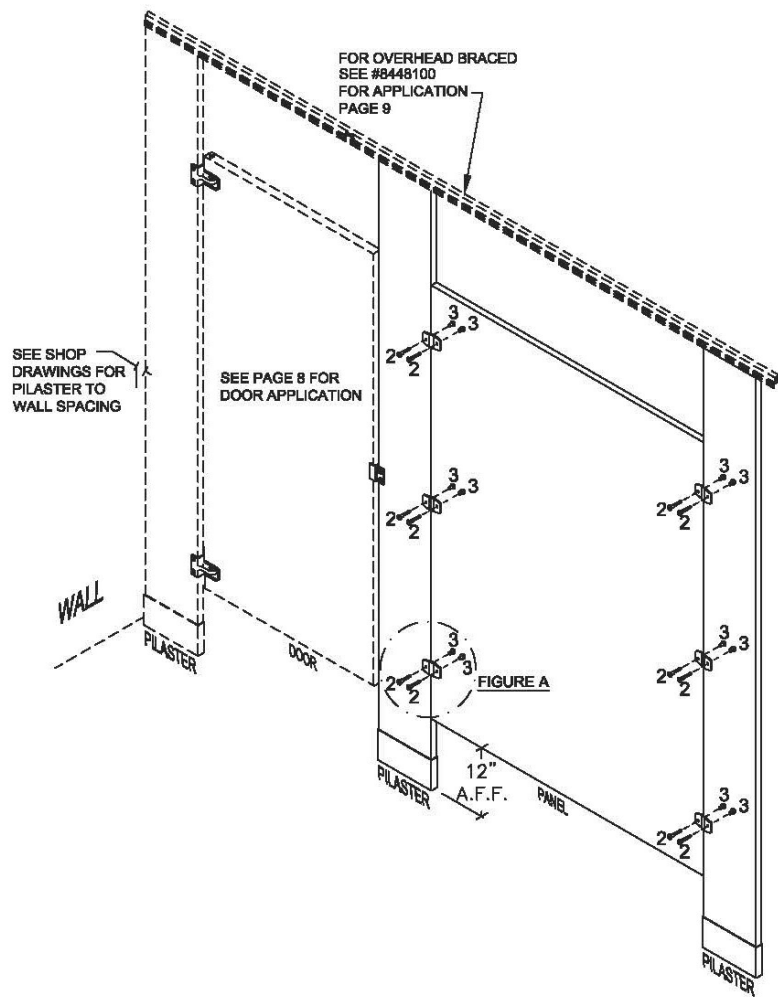
Replace #8517310 with #8517320 for two ear bracket kit.

Alcove Hardware Kit (P/N 8517310) Includes: CHROME PLATED ZAMAC			
Alcove Hardware Kit (P/N 8267311) Includes: STAINLESS STEEL			
PART ID.		DESCRIPTION	QTY
1		1 1/4" One Ear Wall Bracket	(2)
2		Vandal Resistant Step Bolts 1 1/4" Long	(2)
3		Vandal Resistant Barrel Nut	(4)
4		Vandal Resistant 2 1/2" S.M.S	(10)
5		Plastic Shields	(10)
6		Vandal Resistant 5/8" S.M.S (Balance For Fastening Pilaster /Panel)	(14)
7		Alcove Clip	(2)
8		1" One Ear Wall Bracket	(2)
9		Vandal Resistant 1" S.M.S	(4)
10		Vandal Resistant C/P Step Bolts 1" Long	(2)
11		Bracket Headrail Satin "F" Zamac	(1)

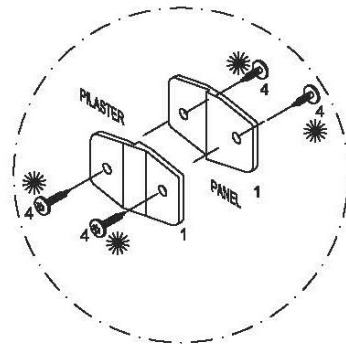


**FLOOR ANCHORED/  
OVERHEAD BRACED  
PILASTER/PANEL/PILASTER INLINE  
ASSEMBLY  
PLASTIC LAMINATE**

Alternate Alcove Hardware Kit (P/N 8517030) Includes: CHROME PLATED ZAMAC			
PART ID.		DESCRIPTION	QTY
1		Alcove Clips	(12)
2		Vandal Resistant Step Bolts 1" Long	(12)
3		Vandal Resistant Barrel Nut	(12)
4		Vandal Resistant 5/8" S.M.S	(24)



**FIGURE A**  
RECOMMENDED

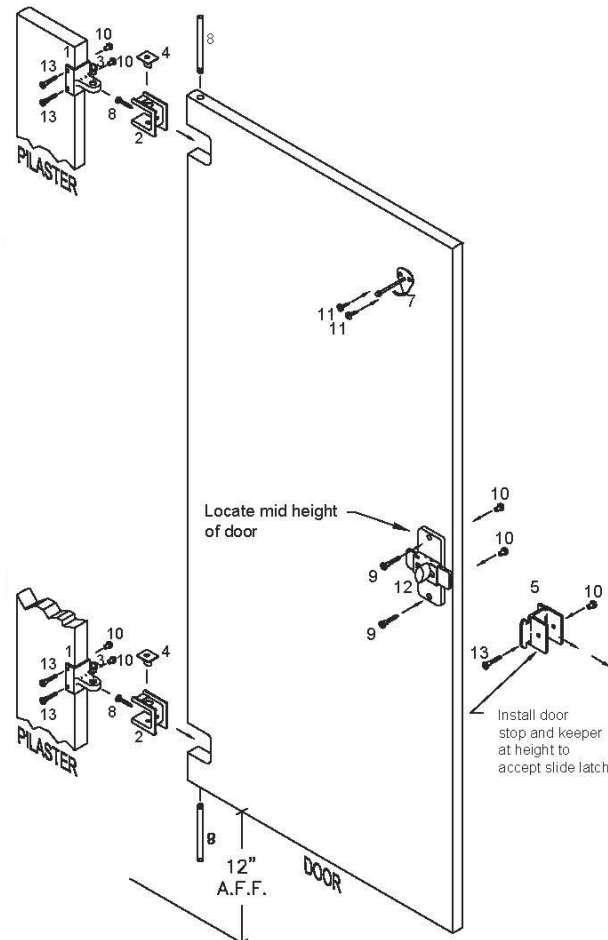


**OPTIONAL**

✱ Two Vandal Resistant 5/8"SMS  
May be Used (But Not Recommended)  
To Fasten brackets To Panel. Offset brackets  
for screw clearance.

### DOOR HARDWARE ASSEMBLY PLASTIC LAMINATE

- A. Insert a top nylon cam into the upper and lower door hinge insert closure bracket, as illustrated so that cam base is flush with inner bracket surface. See figure A.
- B. Insert each door hinge insert (with top cam in place) into the upper and lower openings in the door, anchoring with #10 x 1" screw. See figure A.
- C. Insert bottom nylon cam into the pilaster portion of the hinge bracket assembly. See figure B. The cam should be set to same desired position on upper and lower hinge assemblies. See figure C.
- D. Connect top and bottom hinge pilaster bracket to door & hinge. Insert with hinge pin through the top and bottom of the door until the pin is flush with the door edge.
- E. With hinges in place, position door so that the upper portion of hinge bracket is on pilaster at desired height.
- F. Secure top & bottom hinge pilaster bracket to pilaster with two through bolts.
- G. Install balance of hardware per this diagram.



Inswing Door Hardware Kit (P/N 8512003) Includes: CHROME PLATED ZAMAC		
Inswing Door Hardware Kit (P/N 8262003) Includes: STAINLESS STEEL		
PART ID.	DESCRIPTION	QTY
1	Hinge Pilaster Bracket	(2)
2	Door hinge insert	(2)
3	Hinge Pintle Nylon	(2)
4	Hinge Cam Nylon	(2)
5	Inswing Latch Slide Keeper	(1)
6	Hinge Pin	(2)
7	Bumper And Coathook	(1)
8	Vandal Resistant SM 1" Flat Head	(2)
9	Vandal Resistant Step Bolts 1" long	(2)
10	Vandal Resistant 5/8" Barrel Nut	(7)
11	Vandal Resistant S.M.S. 5/8"	(2)
12	Slide Latch	(1)
13	Vandal Resistant Step Bolts 1 1/4" long	(5)

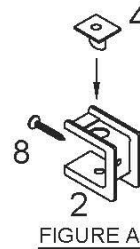


FIGURE A

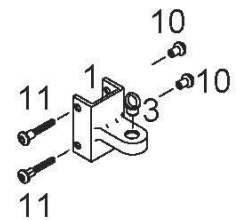


FIGURE B

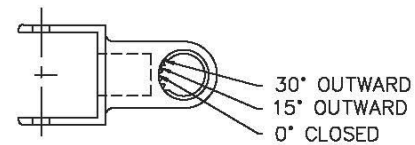


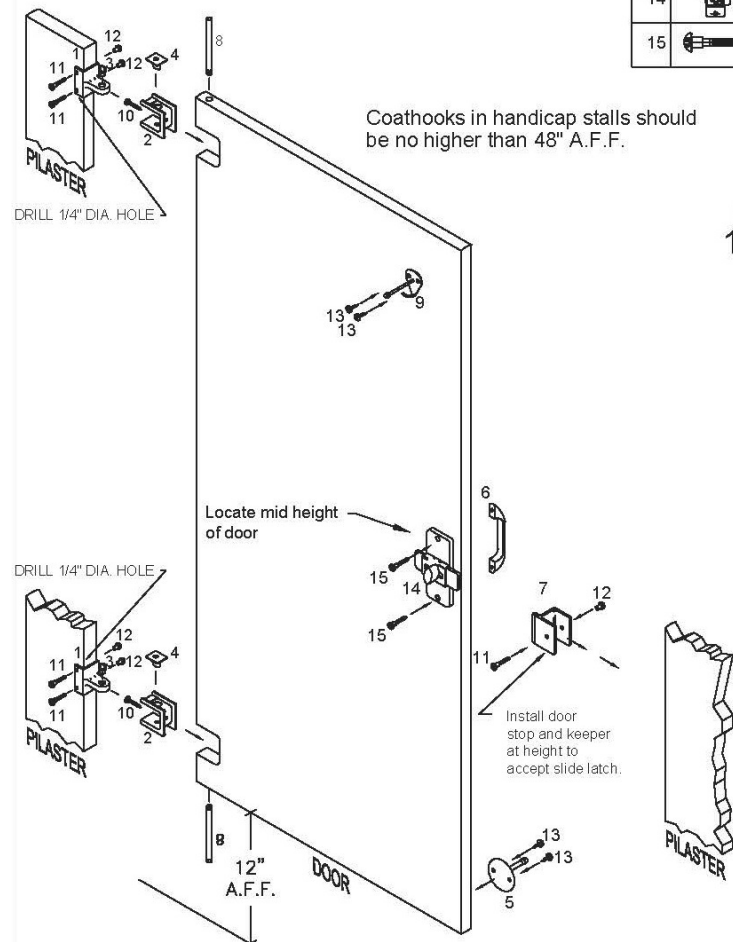
FIGURE C

### DOOR HARDWARE - OUTSWING

#### ASSEMBLY

#### PLASTIC LAMINATE

- Insert a top nylon cam into the upper and lower door hinge insert closure bracket, as illustrated so that cam base is flush with inner bracket surface. See figure A
- Insert each door hinge insert (with top cam in place) into the upper and lower openings in the door, anchoring with #10 x 1" screw. See figure A
- Insert bottom nylon cam into the pilaster portion of the hinge bracket assembly. See figure B. The cam should be set to same desired position on upper and lower hinge assemblies. See figure C.
- Connect top and bottom hinge pilaster bracket to door & hinge. Insert with hinge pin through the top and bottom of the door until the pin is flush with the door edge.
- With hinges in place, position door so that the upper portion of hinge bracket is on pilaster at desired height.
- Secure top & bottom hinge pilaster bracket to pilaster with two through bolts.
- Install balance of hardware per this diagram.



Coathooks in handicap stalls should be no higher than 48" A.F.F.

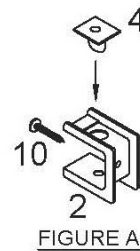


FIGURE A

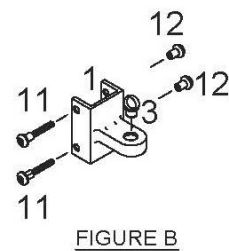


FIGURE B

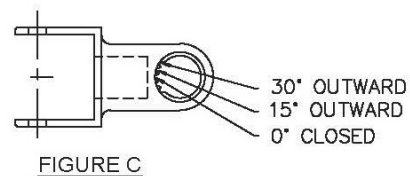
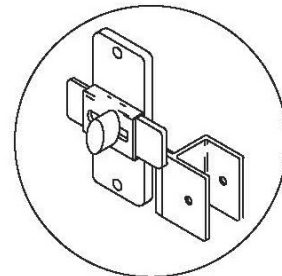


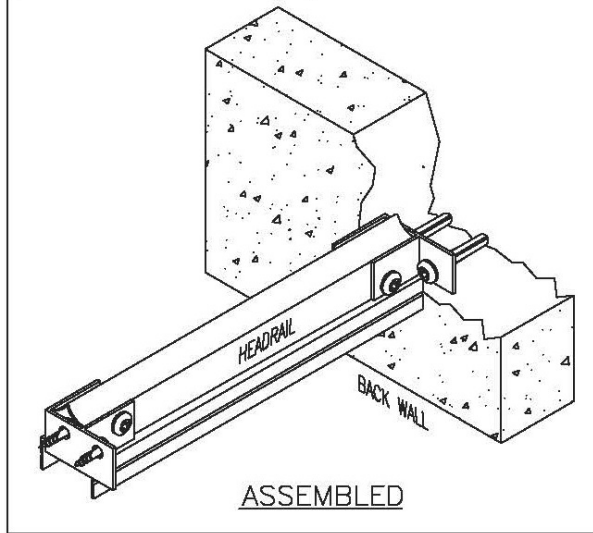
FIGURE C



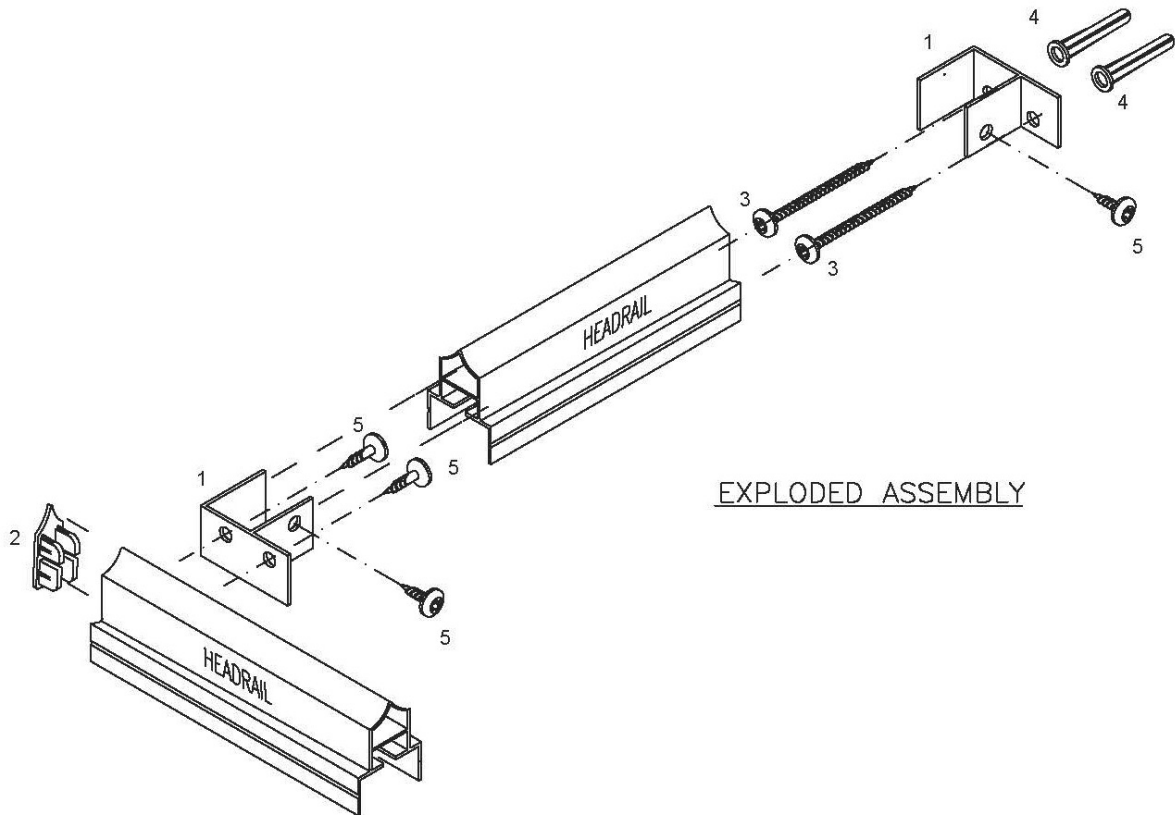
Install slide latch so that slide bar, when completely engaged, does not rest behind pilaster. It should also be high enough to allow "lift-up" emergency access.

Outswing Door Hardware Kit (P/N 8512004) Includes: CHROME PLATED ZAMAC		
PART ID.	DESCRIPTION	QTY
1	Hinge Pilaster Bracket	(2)
2	Door hinge insert	(2)
3	Hinge Pintle Nylon	(2)
4	Hinge Cam Nylon	(2)
5	Bumper	(1)
6	Pull Handle	(1)
7	Outswing Latch Slide Keeper	(1)
8	Hinge Pin	(2)
9	Bumper And Coathook	(1)
10	Vandal Resistant SM 1" Flat Head	(2)
11	Vandal Resistant Step Bolts 1 1/4" long	(5)
12	Vandal Resistant 5/8" Barrel Nut	(7)
13	Vandal Resistant S.M.S. 5/8"	(4)
14	Slide Latch	(1)
15	Vandal Resistant Step Bolts 1 1/2" long	(2)

**HEADRAIL  
ASSEMBLY  
PLASTIC LAMINATE**



Headrail Hardware Kit (P/N 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	(2)
5		Vandal Resistant 5/8" S.M.S	(4)



### URINAL SCREEN ASSEMBLY PLASTIC LAMINATE

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

Urinal Screen Hardware Kit (P/N 8511281) Includes: CHROME PLATED ZAMAC			
Urinal Screen Hardware Kit (P/N 8261281) Includes: STAINLESS STEEL			
PART ID.		DESCRIPTION	QTY
1		Two Ear Wall U/S Bracket	(2)
2		Vandal Resistant 2 1/2" S.M.S.	(4)
3		Plastic Shields	(4)
4		Vandal Resistant 5/8" S.M.S.	(8)

