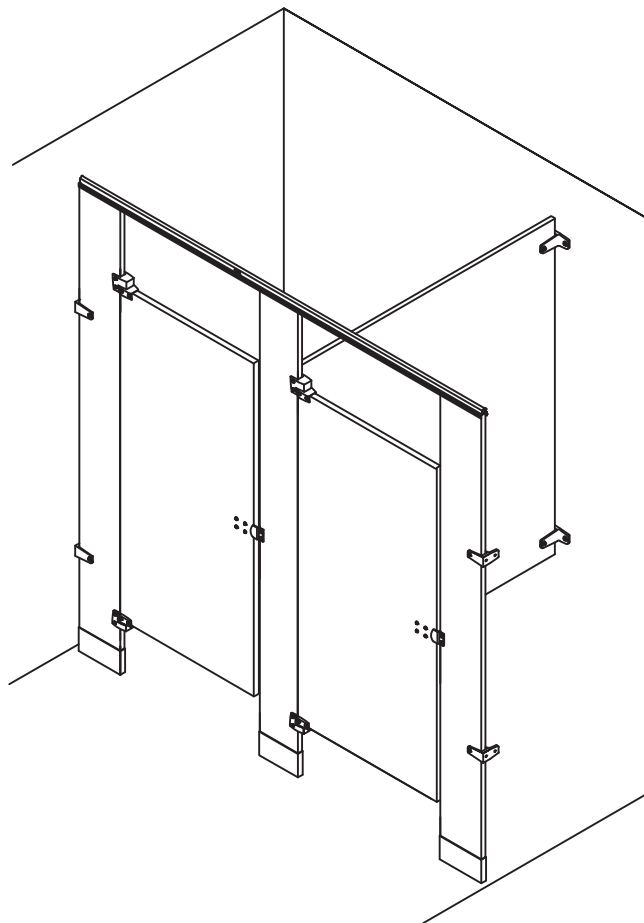




INSTALLATION INSTRUCTIONS FOR
PHENOLIC PARTITIONS



2171 Liberty Hill Rd., Eastanollee, GA 30538 Phone: (706) 827-2700 Fax: (706) 827-2710
Website: www.globalpartitions.com Email: sales@globalpartitions.com



Thank you for choosing Global Partitions

This installation guide was designed to cover as many variations of hardware and mounting styles 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)

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



Phenolic

Table Of Contents

<u>Floor Anchored/Overhead Braced</u>	<u>Page</u>
Step 1,2,3.....	1
Step 4,5,6.....	2
Panel To Pilaster/Wall Two Ear Assembly.....	3
Panel To Pilaster/Wall One Ear Assembly.....	4
Pilaster/Wall One Ear Assembly.....	5
Pilaster/Panel Alcove Assembly.....	6
Door Hardware (Vault Hinge) Inswing Assembly.....	7A
Door Hardware (Vault Hinge) Outswing Assembly....	7B
Door Hardware (Piano Hinge) Assembly.....	8
Headrail Assembly.....	9
Urinal Screen Assembly.....	10
<u>Floor Anchored</u>	<u>Page</u>
Step 1,2,3.....	11
Step 4,5,6.....	12
Panel To Pilaster/Wall Two Ear Assembly.....	13
Panel To Pilaster/Wall One Ear Assembly.....	14
Pilaster/Wall One Ear Assembly.....	15
Pilaster/Panel Alcove Assembly.....	16
<u>Ceiling Anchored</u>	<u>Page</u>
Step 1,2,3.....	17
Step 4,5,6.....	18
Panel To Pilaster/Wall Two Ear Assembly.....	19
Panel To Pilaster/Wall One Ear Assembly.....	20
Pilaster/Wall One Ear Assembly.....	21
Pilaster/Panel Alcove Assembly.....	22

Table Of Contents cont.

<u>Floor Anchored And Ceiling Anchored</u>	<u>Page</u>
Step 1,2,3.....	23
Step 4,5,6.....	24
Panel To Pilaster/Wall Two Ear Assembly.....	25
Panel To Pilaster/Wall One Ear Assembly.....	26
Pilaster/Wall One Ear Assembly.....	27
Pilaster/Panel Alcove Assembly.....	28
<u>Full Height Kits</u>	<u>Page</u>
Panel To Pilaster/Wall Two Ear Assembly.....	29
Panel To Pilaster/Wall One Ear Assembly.....	30
Pilaster/Wall One Ear Assembly.....	31
Post support assembly.....	32
<u>Product Information</u>	<u>Page</u>
Care And Maintenance Of Toilet Partitions.....	33

The Components for this project have been custom fabricated. They are guaranteed 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 immediately to the freight company or other agencies that may have caused the damage.

STEP 1

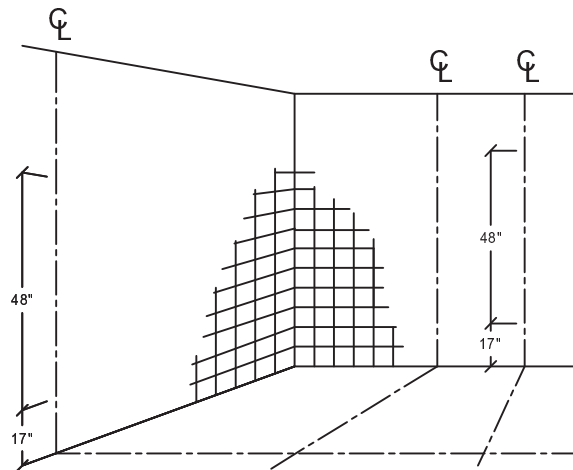
LAYOUT

FLOOR ANCHORED/OVERHEAD BRACED

NOTE: FLOOR MUST BE CONCRETE

- Before proceeding, confirm that backing of walls and floor is adequate to support secure mounting of the toilet compartment units.
- Review the layout drawings and package lists that have accompanied this job.
- 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

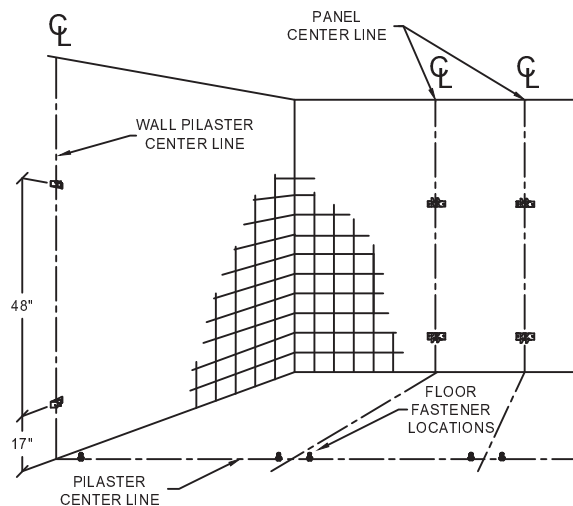


STEP 2

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 and compartment thru-bolts, and 3/8" bit for floors. As site conditions and hardware combinations vary, an assortment of bit sizes are recommended.
- Insert anchoring devices in walls and secure wall brackets.
- Install wedge anchor, washer and nut into concrete floor and tighten.

FIGURE 2

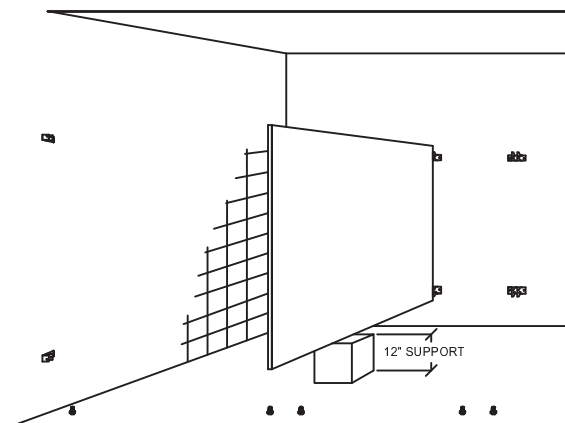


STEP 3

POSITION PANEL

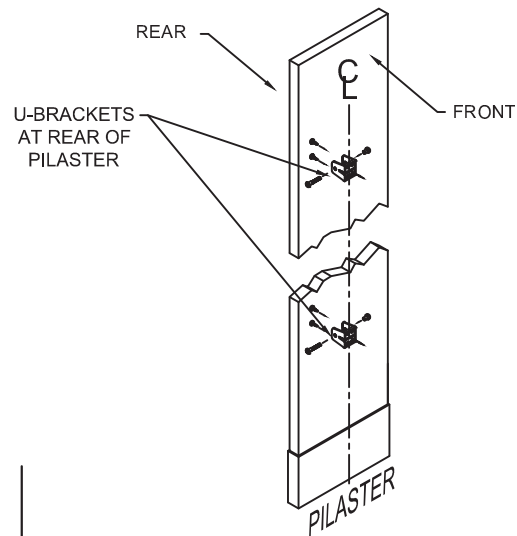
- Place panel on a support, 12" above the floor.
- Set it into wall brackets, but do not fasten panel at this time.

FIGURE 3



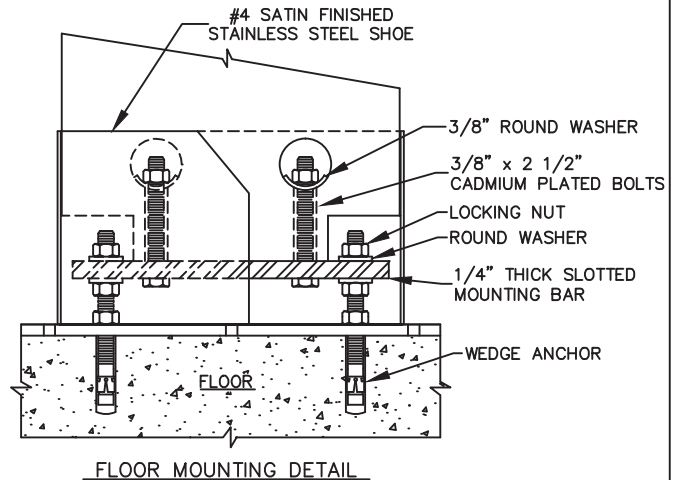
STEP 4 PILASTER PREPARATION

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

**FIGURE 4**

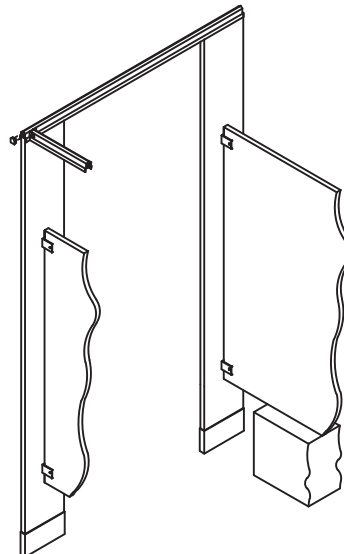
STEP 5 INSTALL PILASTERS

- A. On each wedge anchor thread place 3/8" support nut down to approximately 1" up from floor level and place square washer over each anchor.
- B. Slide pilaster shoe onto pilaster and position pilaster mounting bar on threaded anchor and attach lightly with square flat washer, lockwasher and locking nut.

**FIGURE 5**

STEP 6 SECURING PILASTERS/PANELS

- A. Level each pilaster by adjusting both support nuts to desired position.
- B. Plumb each pilaster and fasten the pilaster to panel with "U" brkts using through bolts or sheet metal screws.
- C. Establish door openings by setting pilaster mounting bar to desired position on stud.
- D. Tighten locking nuts on top of pilaster mounting bar.
- E. Fasten panel to wall brackets using through bolts.
- F. Secure shoe to pilaster with screw provided.
- G. Remove panel support device.

**FIGURE 6**








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

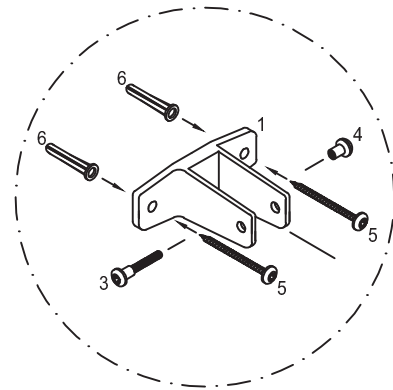
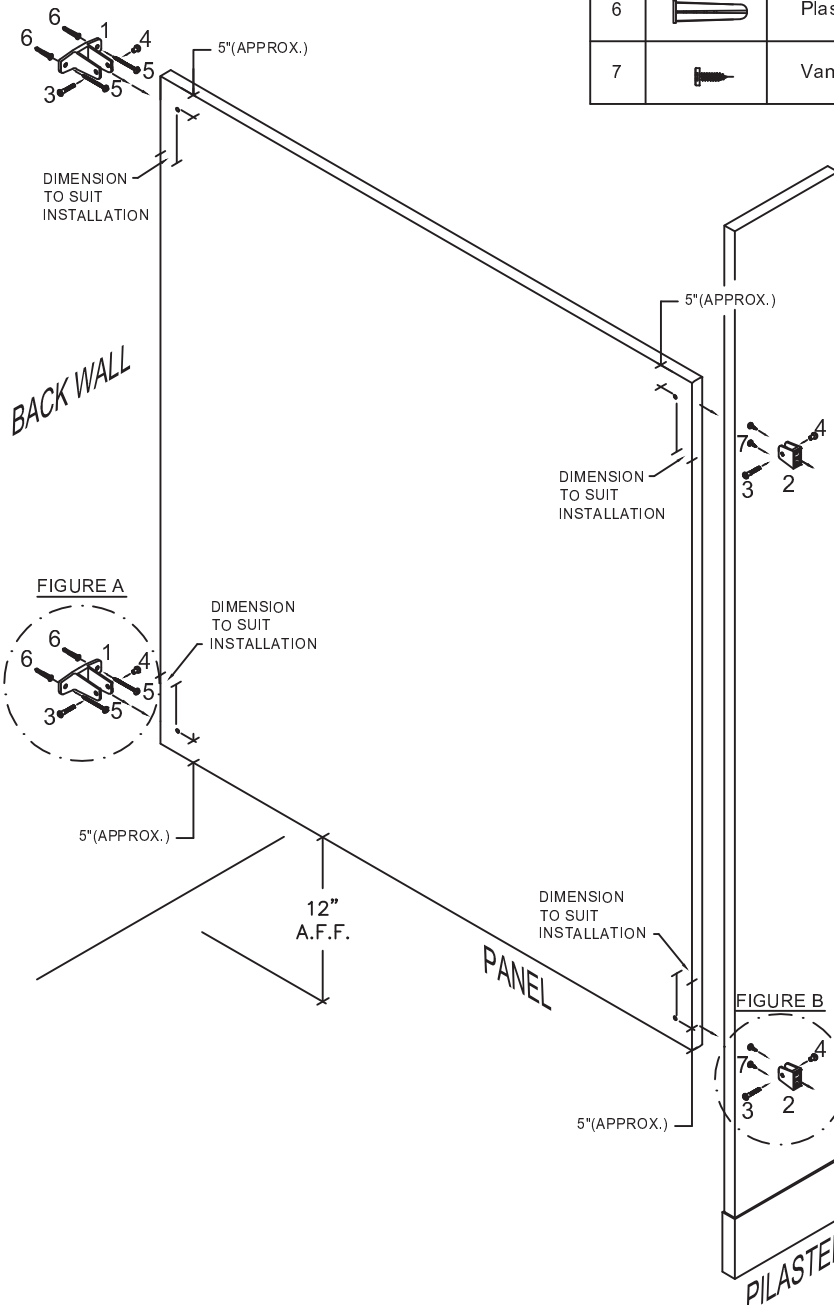
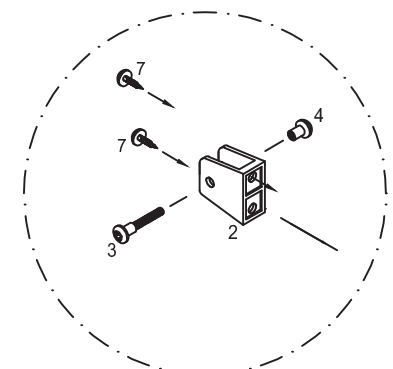
Pilasters must be both plumb and level. To assist in leveling, headrail may be lightly positioned across adjacent pilasters (do not fasten at this time)
Refer to steps 4 & 6

A. Plumb panel and fasten panel to 2-ear bracket at wall with through bolts.

B. Fasten pilaster to panel using through bolts to fasten "U" brackets to pilaster.

Panel Hardware Kit (P/N 8275020) Includes:
STAINLESS STEEL

PART ID.	DESCRIPTION	QTY
1	 Two Ear Bracket	(2)
2	 "U" Bracket	(2)
3	 Vandal Resistant S/S Step Bolts 1/2" Long	(4)
4	 Vandal Resistant S/S Barrel Nut	(4)
5	 Vandal Resistant 2 1/2" S.M.S	(4)
6	 Plastic Shields	(4)
7	 Vandal Resistant 3/4" S.M.S	(4)

**FIGURE A****FIGURE B**








NOTE:
Two Vandal resistant 3/4" screws
To Fasten U-bracket To Pilaster.

FLOOR ANCHORED/OVERHEAD BRACED
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.

- A. Plumb panel and fasten panel to 1-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" brkts to pilaster.

Panel Hardware Kit (P/N 8275010) Includes:
 STAINLESS STEEL

PART ID.	DESCRIPTION	QTY
1	 One Ear Bracket	(2)
2	 "U" Bracket	(2)
3	 Vandal Resistant S/S Step Bolts 1/2" Long	(4)
4	 Vandal Resistant S/S Barrel Nut	(4)
5	 Vandal Resistant 2 1/2" S.M.S	(4)
6	 Plastic Shields	(4)
7	 Vandal Resistant 3/4" S.M.S	(4)

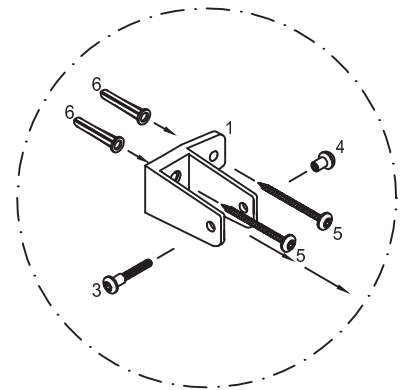
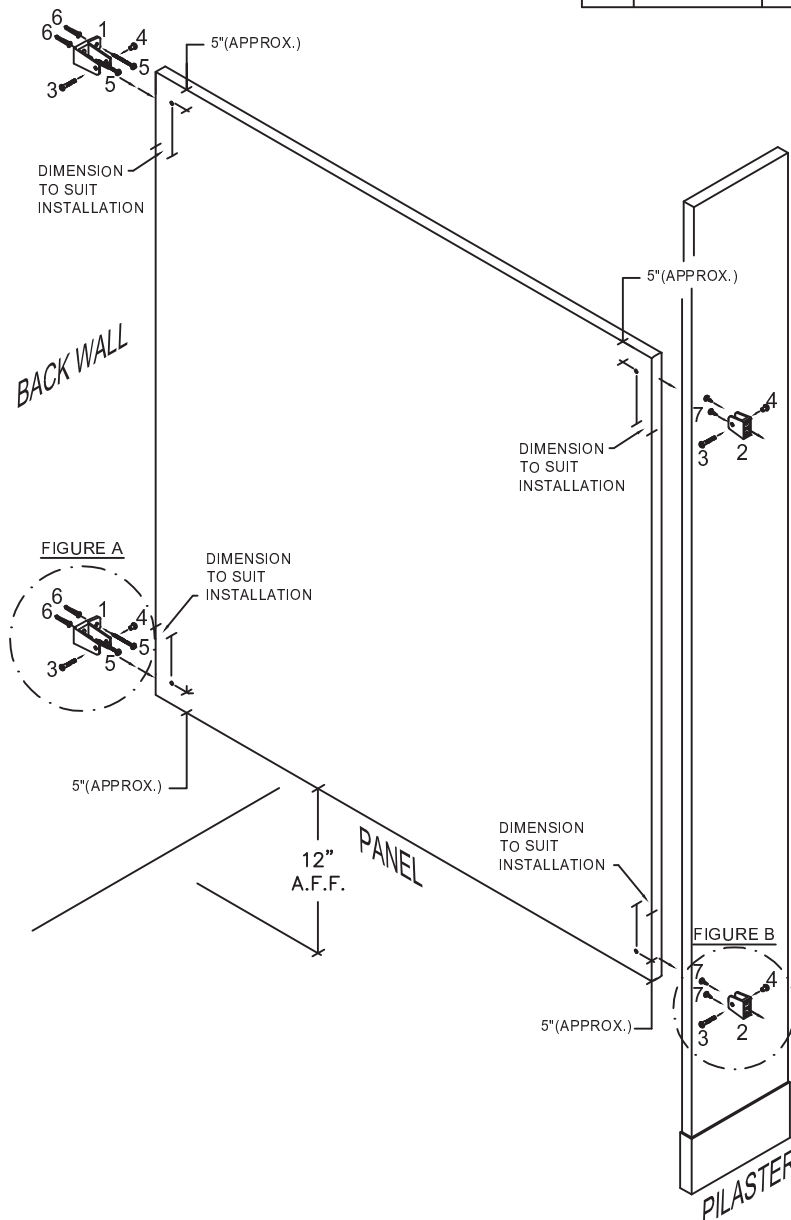
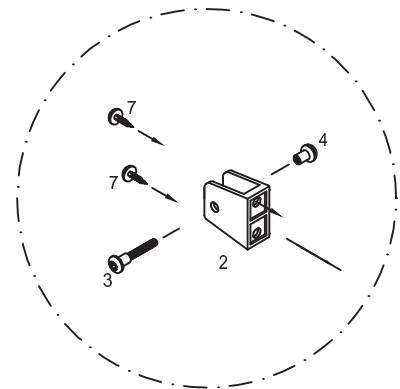


FIGURE A



NOTE:
 Two Vandal resistant 3/4" screws
 To Fasten U-bracket To Pilaster.







FIGURE B

FLOOR ANCHORED/OVERHEAD BRACED PILASTER/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.

Pilaster/Wall Hardware Kit (P/N 8275210) Includes: STAINLESS STEEL

PART ID.	DESCRIPTION	QTY
1	 S/S One Ear Wall Bracket	(2)
2	 Vandal Resistant S/S Step Bolts 3/4" Long	(2)
3	 Vandal Resistant S/S Barrel Nut	(6)
4	 Vandal Resistant 2 1/2" S.M.S	(4)
5	 Plastic Shields	(4)
6	 Vandal Resistant S/S Step Bolts 1/2" Long	(4)

SEE SHOP DRAWINGS FOR
PILASTER TO WALL SPACING

FIGURE A

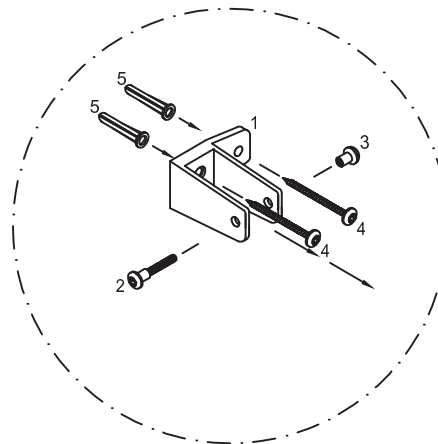
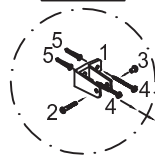


FIGURE A

**FLOOR ANCHORED/
OVERHEAD BRACED
PILASTER/PANEL ALCOVE
ASSEMBLY
PHENOLIC**

Optional #8277020 if 2-ear panel to wall is required.

Alcove Hardware Kit (P/N 8277010) Includes:
STAINLESS STEEL

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

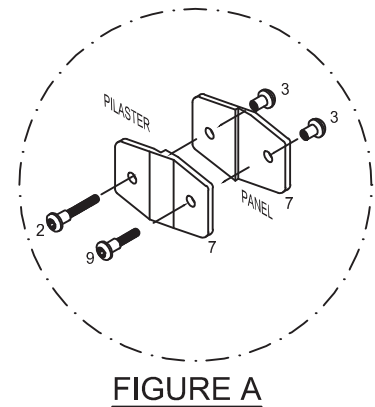
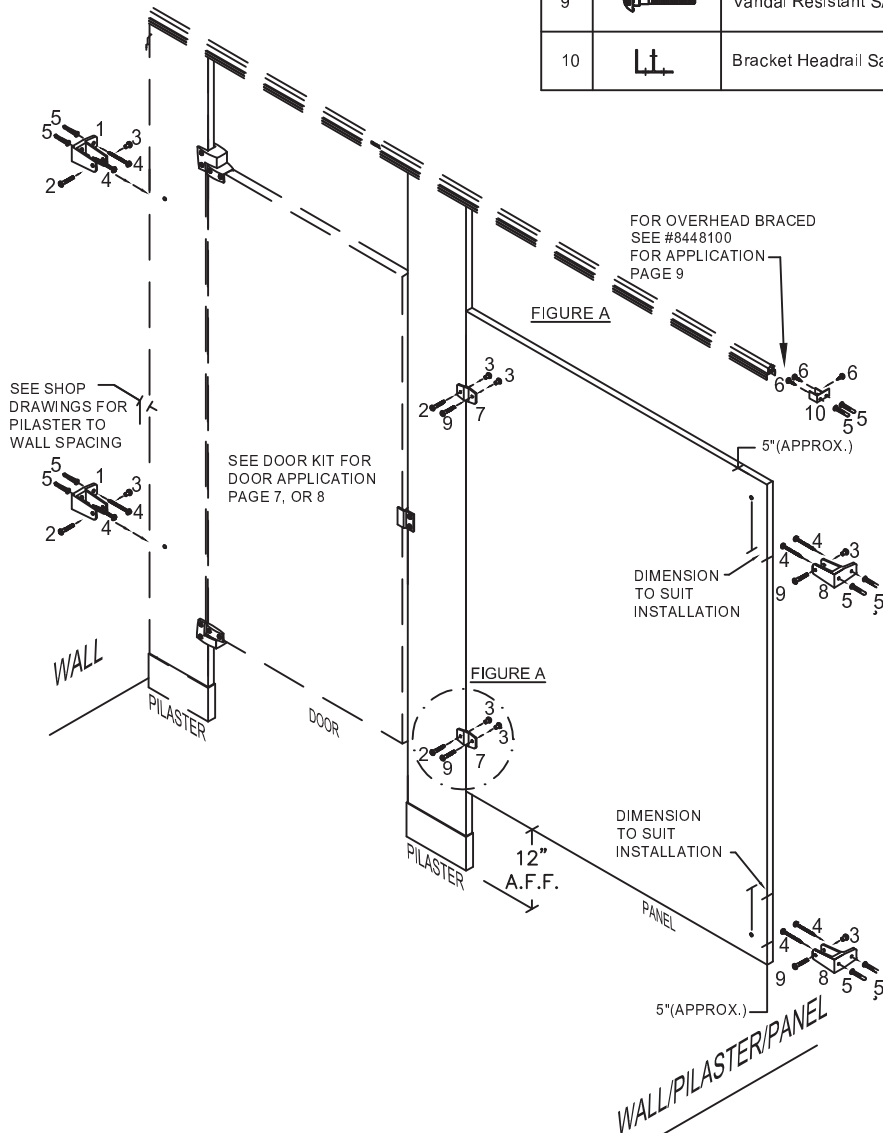


FIGURE A

DOOR HARDWARE

ASSEMBLY-VAULT HINGE

PHENOLIC

Install slide latch on door oppsite the hinge side of door. All slide latches should be mounted at midpoint of the door , 27 1/2" inches up from the bottom of the door.

INSWING DOOR

Mount the slide latch on to the door with two (2) step bolts and two (2) 3/8 inch 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 top notch of the keeper. Install keeper/bumper with one (1) step bolt and one (1) barrel nut.

ADJUSTING DOOR RESTING POSITION

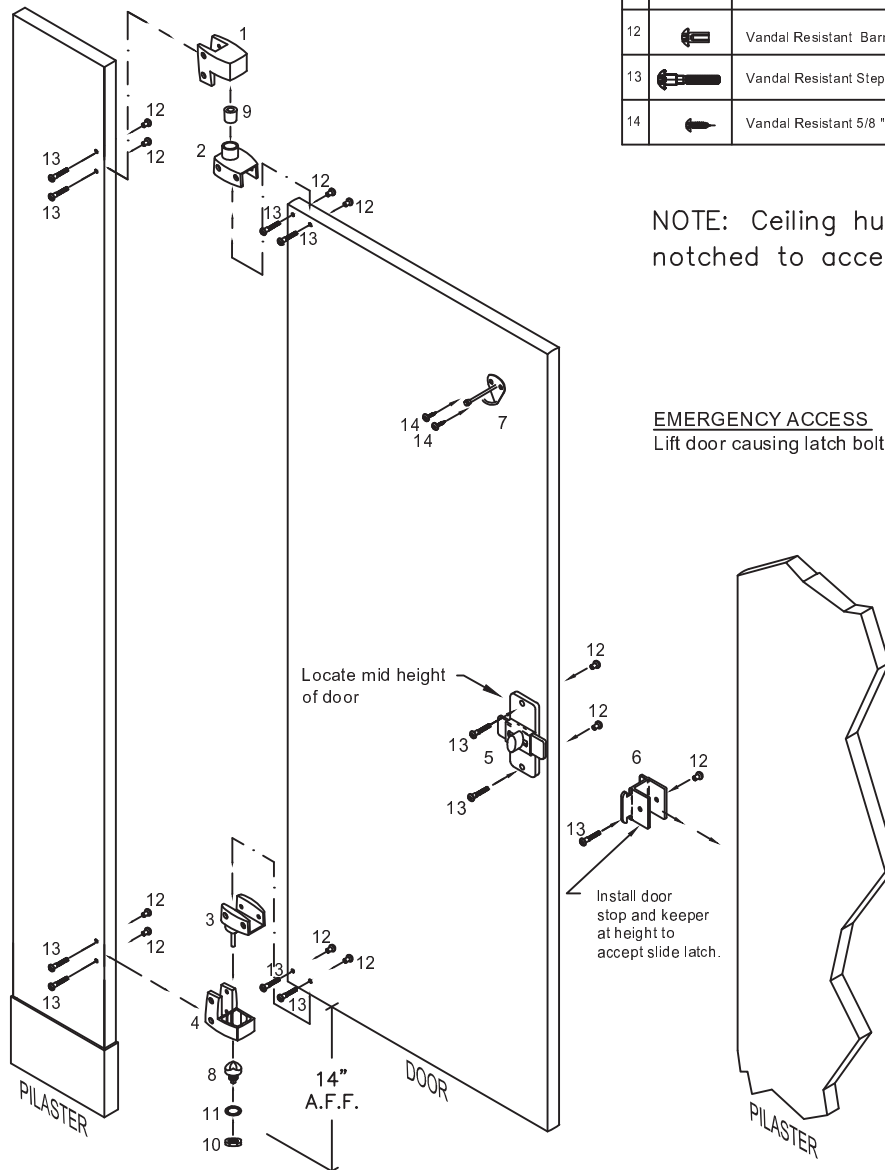
Loosen 10 (Nut adjusting Bottom Hinge) and turn 8 (Cam Adjusting Bottom Hinge) until desired resting position is achieved. Tighten 10.

Inswing Door Hardware Kit (P/N 8571005) Includes: Brushed Finish		
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	Inswing Keeper Brushed	(1)
7	Bumper And Coathook	(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	Vandal Resistant Barrel Nut 3/8"	(1)
13	Vandal Resistant Step Bolt	(11)
14	Vandal Resistant 5/8 "	(2)

NOTE: Ceiling hung doors will be notched to accept bottom hinge.

EMERGENCY ACCESS

Lift door causing latch bolt to clear keeper and open.



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" inches 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 two (2) barrel nuts.

















Be sure that the keeper is set so that the slide latch bar is only 1/4 inch (.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.

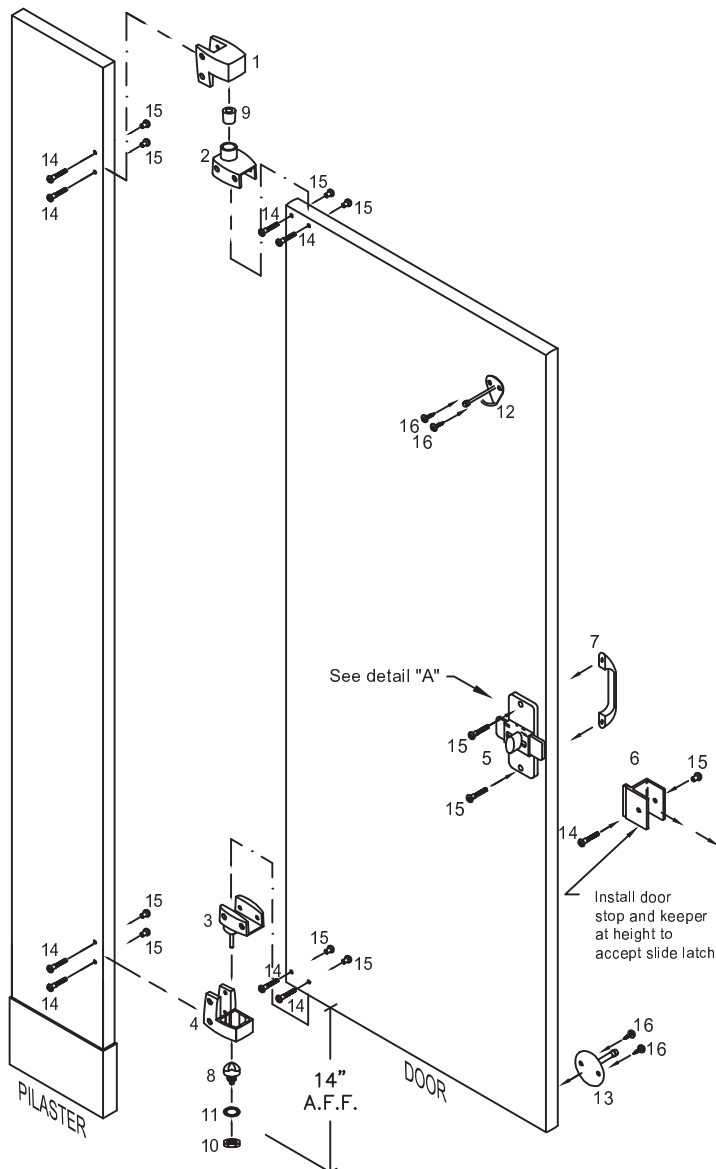
ADJUSTING DOOR RESTING POSITION

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

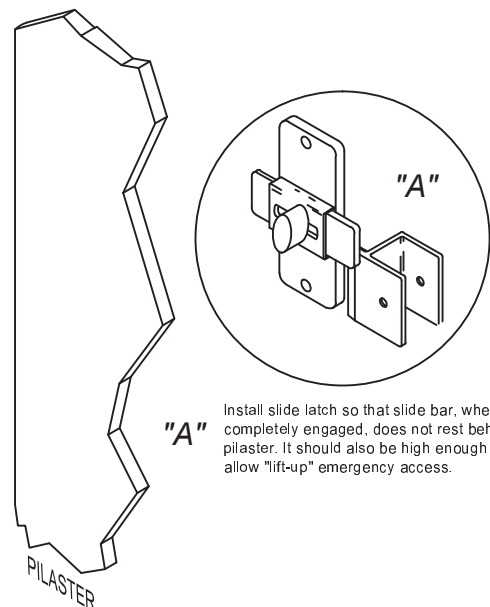
EMERGENCY ACCESS

Lift door causing latch bolt to clear keeper and open.

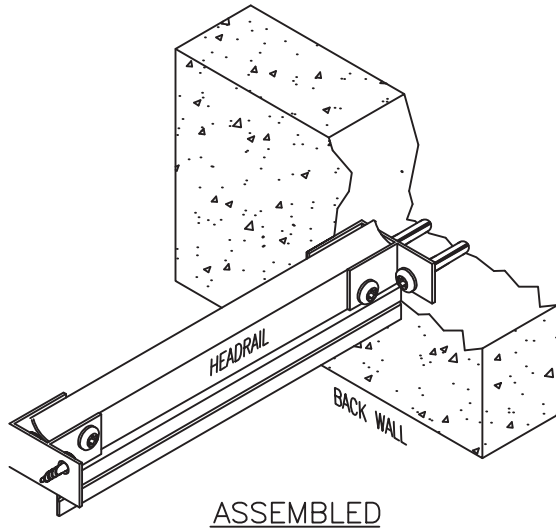
Outswing Door Hardware Kit (P/N 8571006) Includes: Brushed Finish		
PART ID.	DESCRIPTION	QTY
1	 Vault Hinge Top Pilaster Side	(1)
2	 Vault Hinge Top Door Side	(1)
3	 Vault Hinge Bottom Door Side	(1)
4	 Vault Hinge Bottom Pilaster Side	(1)
5	 Side Latch Brushed Finish	(1)
6	 Outswing Slide Latch Keeper	(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 Coathook	(1)
13	 Bumper	(1)
14	 Vandal Resistant Step Bolt	(10)
15	 Vandal Resistant Barrel Nut 3/8"	(10)
16	 Vandal Resistant 5/8" SMS"	(4)








NOTE: Ceiling hung doors will be notched to accept bottom hinge

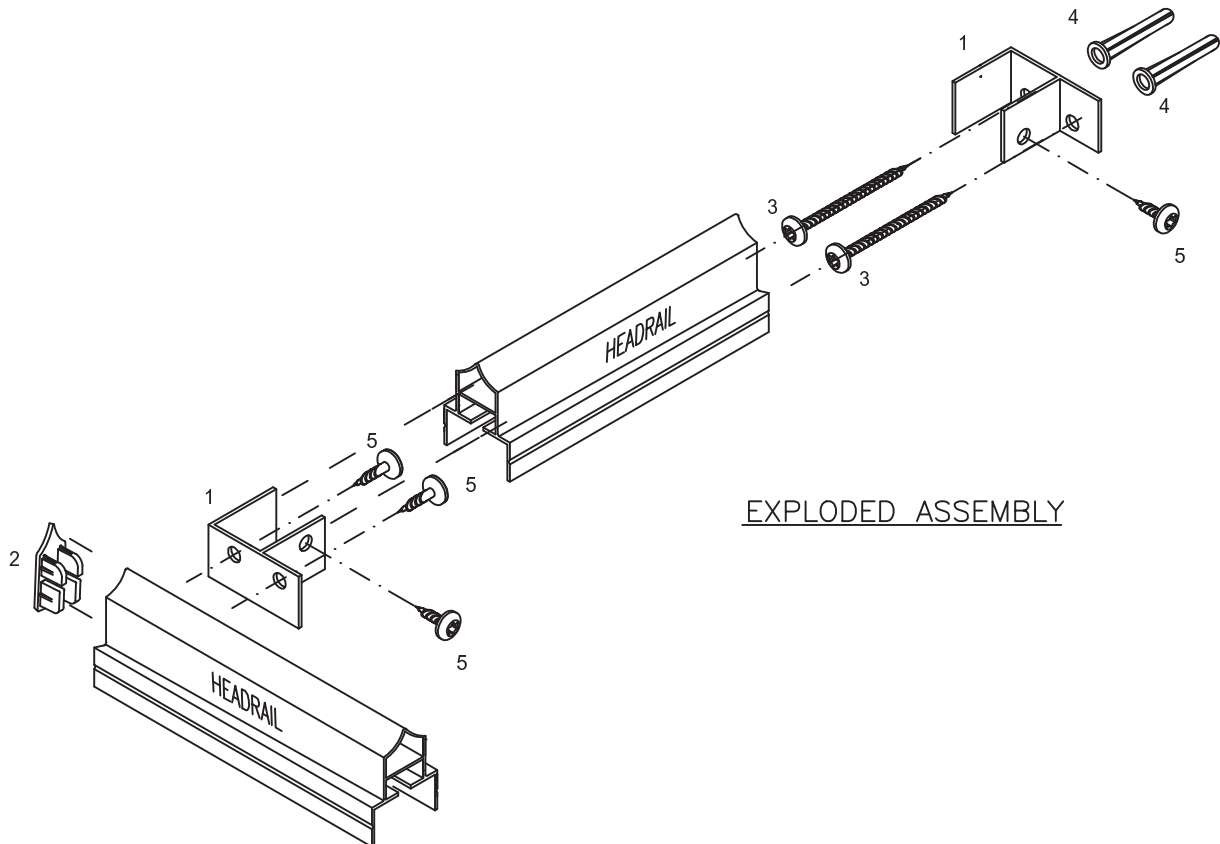


HEADRAIL ASSEMBLY PHENOLIC



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 S/S #14 x 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)








URINAL SCREEN

ASSEMBLY

PHENOLIC

- 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 angle 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.

Urinal Screen Hardware Kit (P/N 8271480) Includes:
STAINLESS STEEL

PART ID.	DESCRIPTION	QTY
1	 S/S Wall Angle Brackets	(4)
2	 Vandal Resistant 2 1/2" S.M.S	(4)
3	 Plastic Shields	(4)
4	 Vandal Resistant S/S Step Bolts 1/2" Long	(4)
5	 Vandal Resistant S/S Barrel Nut	(4)

