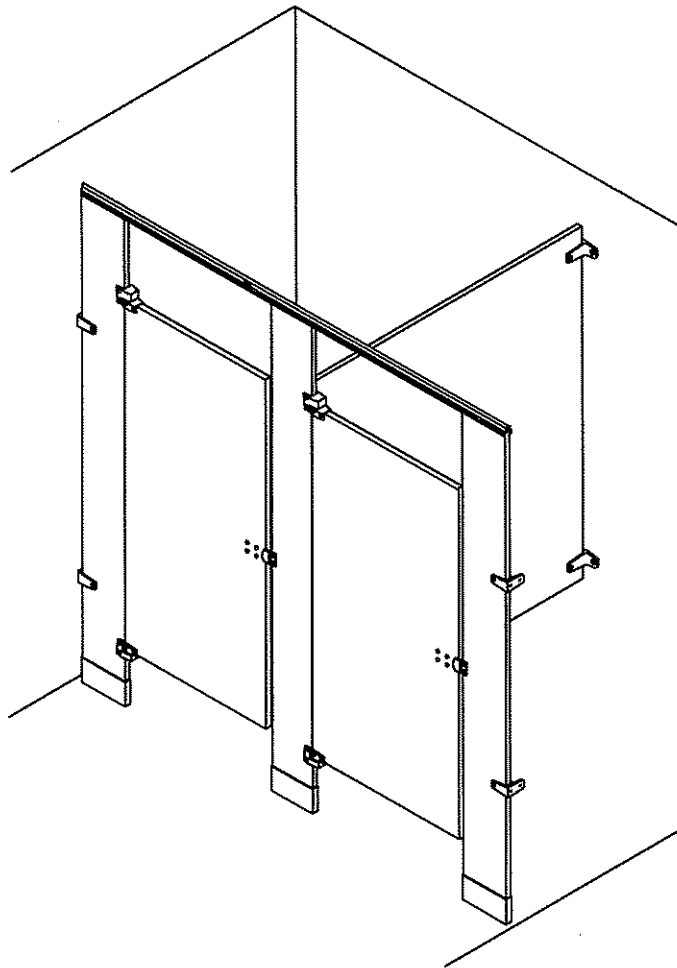


Est. 1957



**MANNINGMATERIALSINC**

**INSTALLATION INSTRUCTIONS FOR**  
**PHENOLIC PARTITIONS**



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INFO@MANNINGMATERIALSINC.COM | WWW.MANNINGMATERIALSINC.COM



# MANNINGMATERIALSINC

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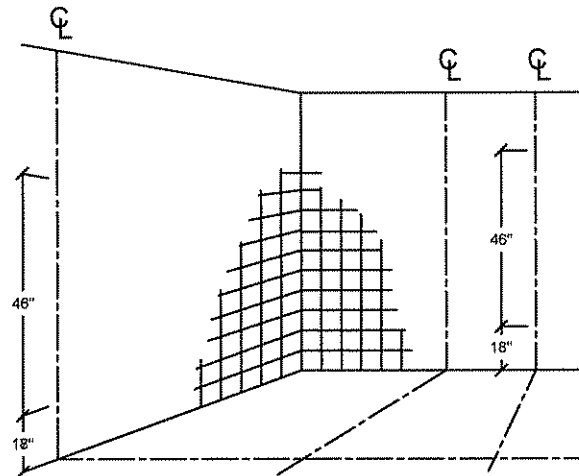
*The Components for this project have been custom fabricated. They are guaranteed with respect to manufacture and workmanship and were inspected at the factory.*

*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.*

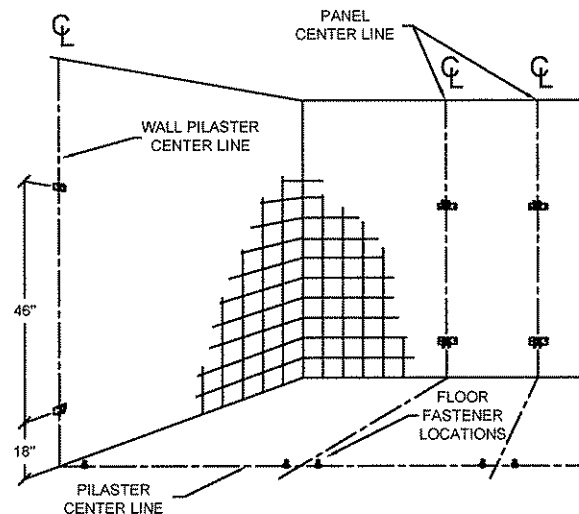
**STEP 1****LAYOUT****FLOOR ANCHORED/OVERHEAD BRACED**

NOTE: FLOOR MUST BE CONCRETE

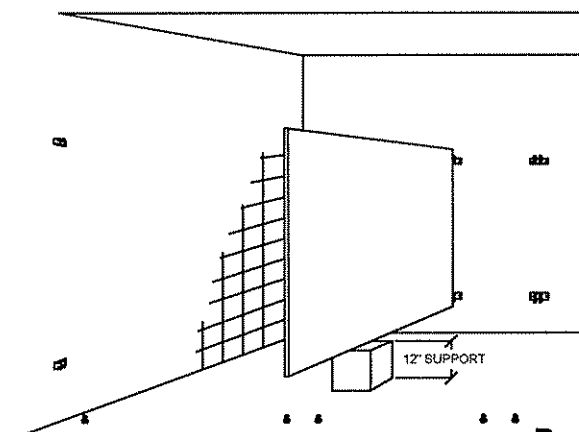
- A. Before proceeding, confirm that backing of walls and floor is adequate to support secure mounting of the toilet compartment units.
- B. Review the layout drawings and package lists that have accompanied this job.
- C. Establish and mark pilaster center line from back wall.
- D. Establish and mark panel center lines for wall brackets.
- E. Establish pilaster floor fastener locations from side wall according to shop drawings. (Note: Floor fasteners are located 1" from edge of pilaster).
- F. Mark wall bracket holes using brackets as templates.

**FIGURE 1****STEP 2****WALL BRACKETS AND FLOOR ANCHORS**

- A. Drill holes for wall brackets and floor fastenings of appropriate size for particular fastening devices supplied.
- B. Insert anchoring devices in walls and secure wall brackets.
- C. Install wedge anchor washer and nut into concrete floor and tighten.

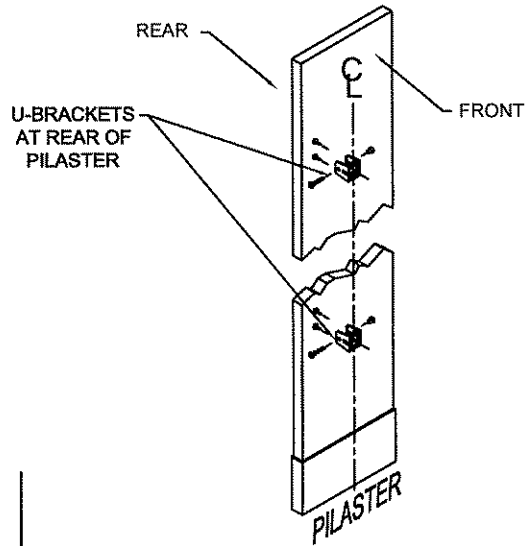
**FIGURE 2****STEP 3****POSITION PANEL**

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

**FIGURE 3**

**STEP 4**  
**PILASTER PREPARATION**

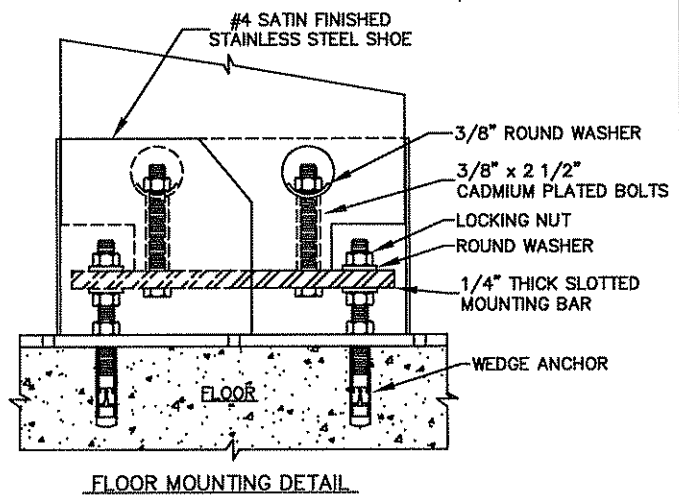
- A. Align U-brackets in position on rear of pilasters. Refer to layout drawings and make sure brackets are in alignment with wall brackets.
- B. Fasten U-brackets to pilaster with sheet metal screws.
- C. Pilasters at wall do not require U-brackets, but should be prepared for wall and floor fastening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



**FIGURE 4**

**STEP 5**  
**INSTALL PILASTERS**

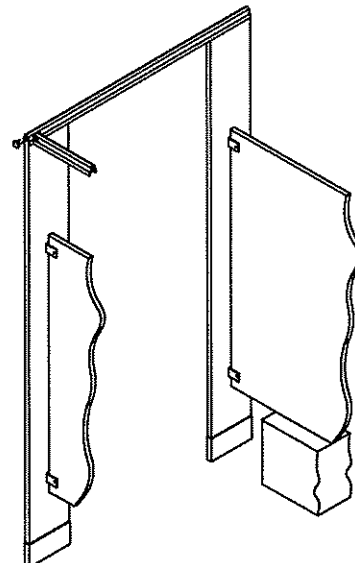
- A. On each wedge anchor thread place 3/8" support nut down to approximately 1" up from floor level and place square washer over each anchor.
- B. Position pilaster and mounting bar on threaded anchor and attach lightly with square flat washer, lockwasher and locking nut.



**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 four piece shoe to pilaster.
- G. Remove panel support device.



**FIGURE 6**










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

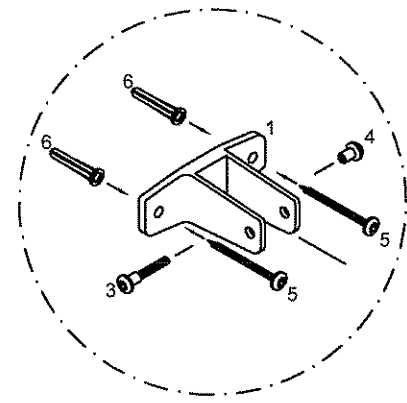
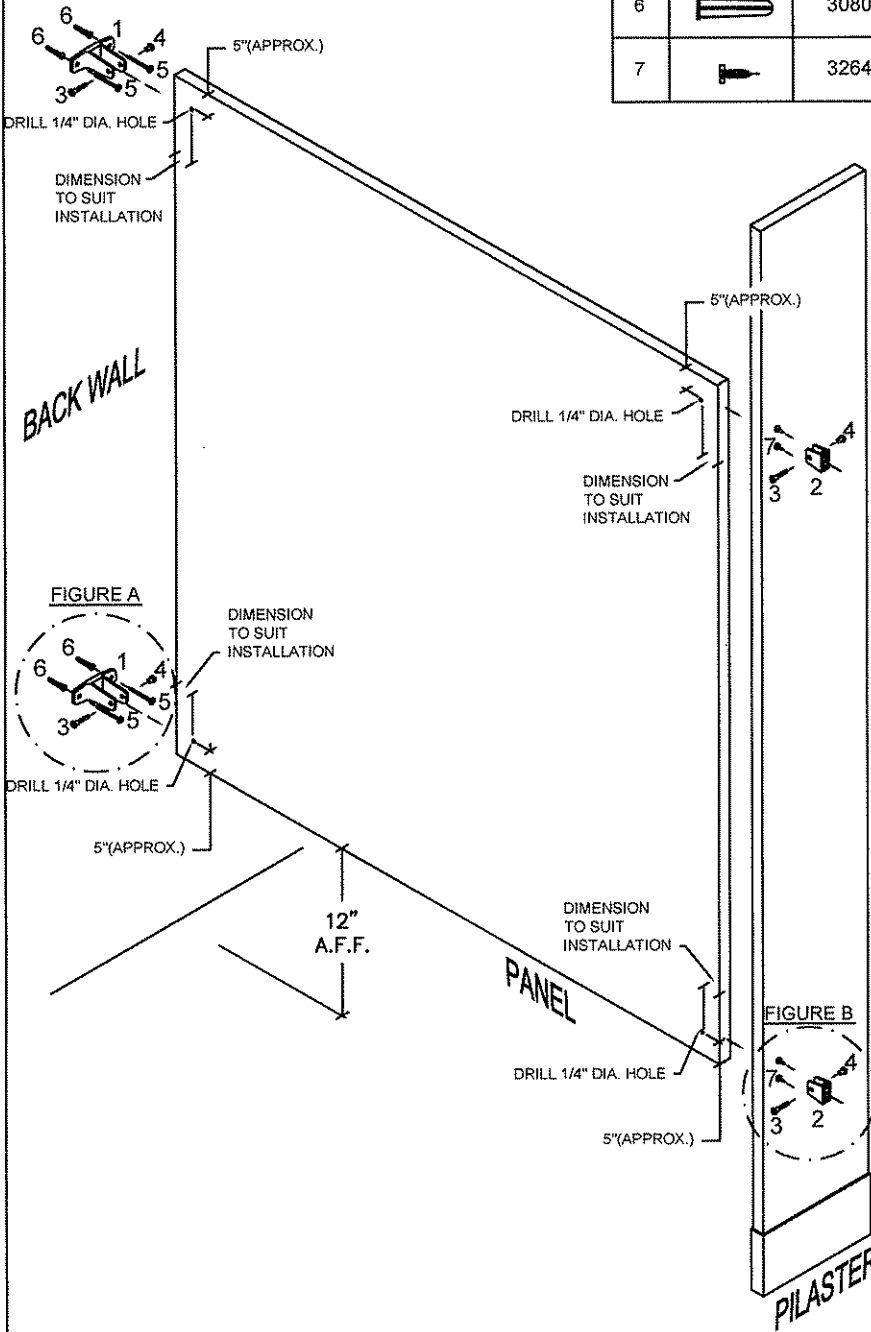
Pilasters must be both plumb and level. To assist in leveling, headrail may be lightly positioned across adjacent pilasters (do not fasten at this time). Refer to steps 4 & 6

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

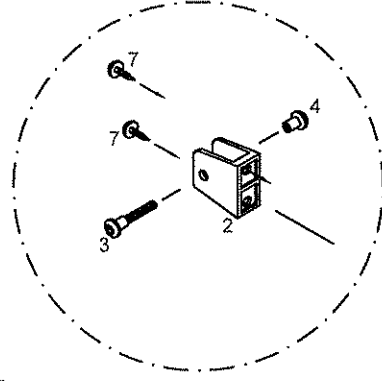
B. Fasten pilaster to panel using through bolts to fasten "U" brackets to pilaster.

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

PART ID.	DESCRIPTION	QTY
1	 2271750 Two Ear Bracket	(2)
2	 2271910 "U" Bracket	(2)
3	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
4	 3260490 Theft Resistant S/S Barrel Nut	(4)
5	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
6	 3080000 Plastic Shields	(4)
7	 3264320 Theft Resistant S/S #14 x 3/4" S.M.S	(4)



**FIGURE A**



**FIGURE B**








**NOTE:**  
Two #3264320 Theft resistant S/S #14 X 3/4"  
To Fasten U-bracket To Pilaster.

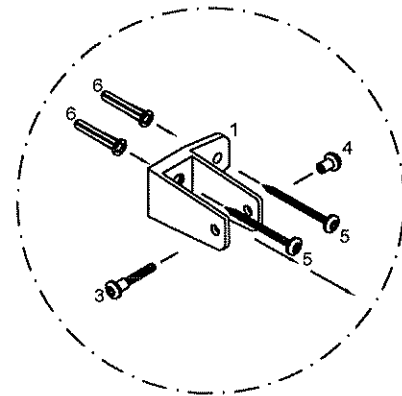
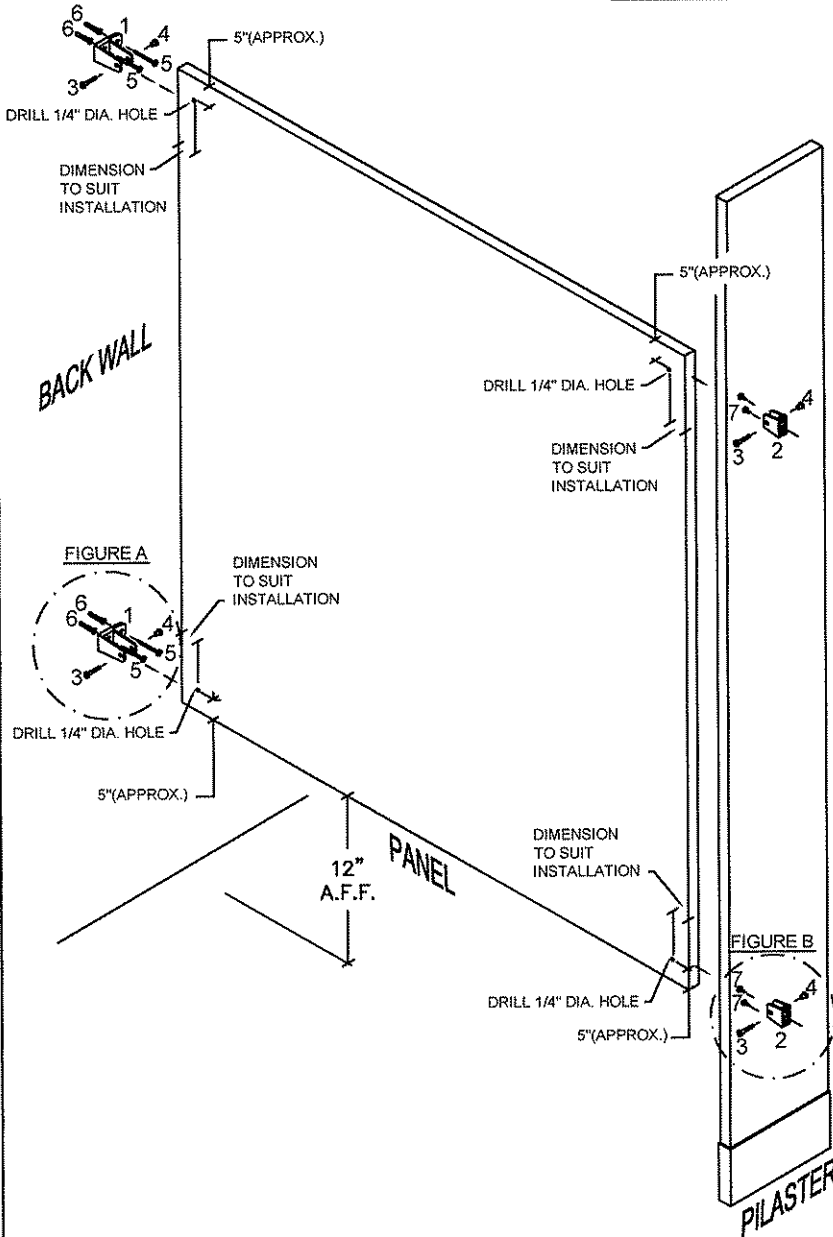
**FLOOR ANCHORED/OVERHEAD BRACED  
 PANEL TO PILASTER/WALL  
 ONE EAR ASSEMBLY  
 PHENOLIC**

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.

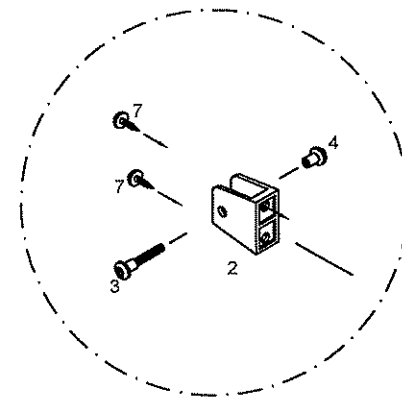
A. Plumb panel and fasten panel to 1-Ear bracket at wall with through bolts.

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	 2271760 One Ear Bracket	(2)
2	 2271910 "U" Bracket	(2)
3	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
4	 3260490 Theft Resistant S/S Barrel Nut	(4)
5	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
6	 3080000 Plastic Shields	(4)
7	 3264320 Theft Resistant S/S #14 x 3/4" S.M.S	(4)



**FIGURE A**



**FIGURE B**

**NOTE:**  
 Two #3264320 Theft resistant S/S #14 X 3/4"  
 To Fasten U-bracket To Pilaster.









**FLOOR ANCHORED/OVERHEAD BRACED  
PILASTER/WALL  
ASSEMBLY  
PHENOLIC**

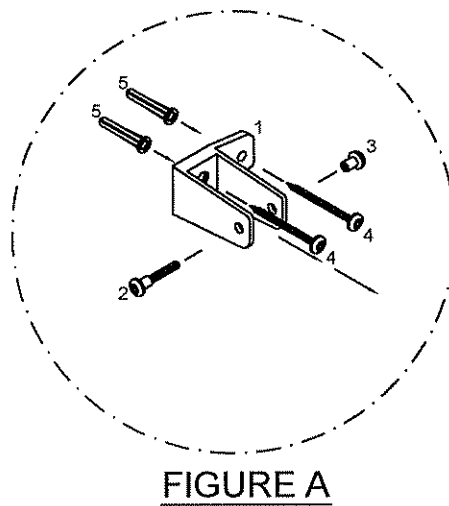
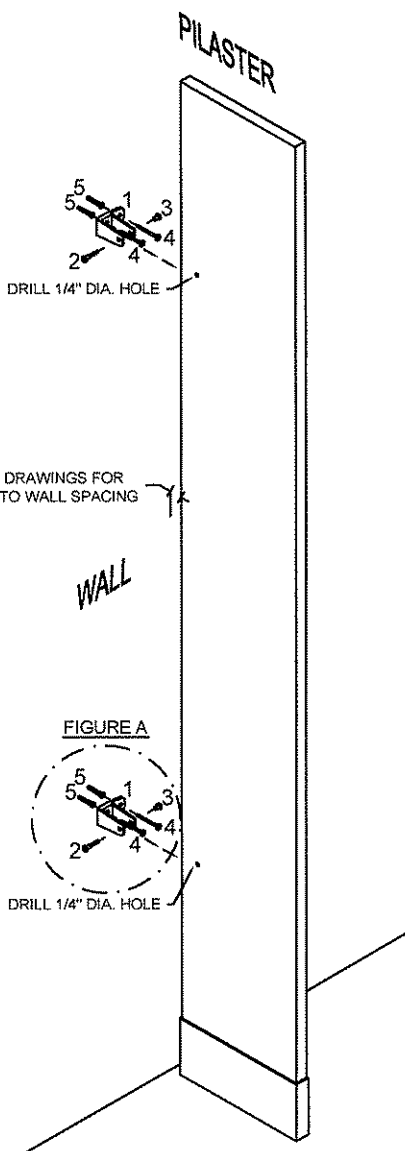
Pilasters must be both plumb and level. To assist in leveling, headrail may be lightly positioned across adjacent pilasters (do not fasten at this time).

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	 2271740 S/S One Ear Wall Bracket	(2)
2	 3260750 Theft Resistant S/S Step Bolts 3/4" Long	(2)
3	 3260590 Theft Resistant S/S Barrel Nut	(6)
4	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
5	 3080000 Plastic Shields	(4)
6	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)















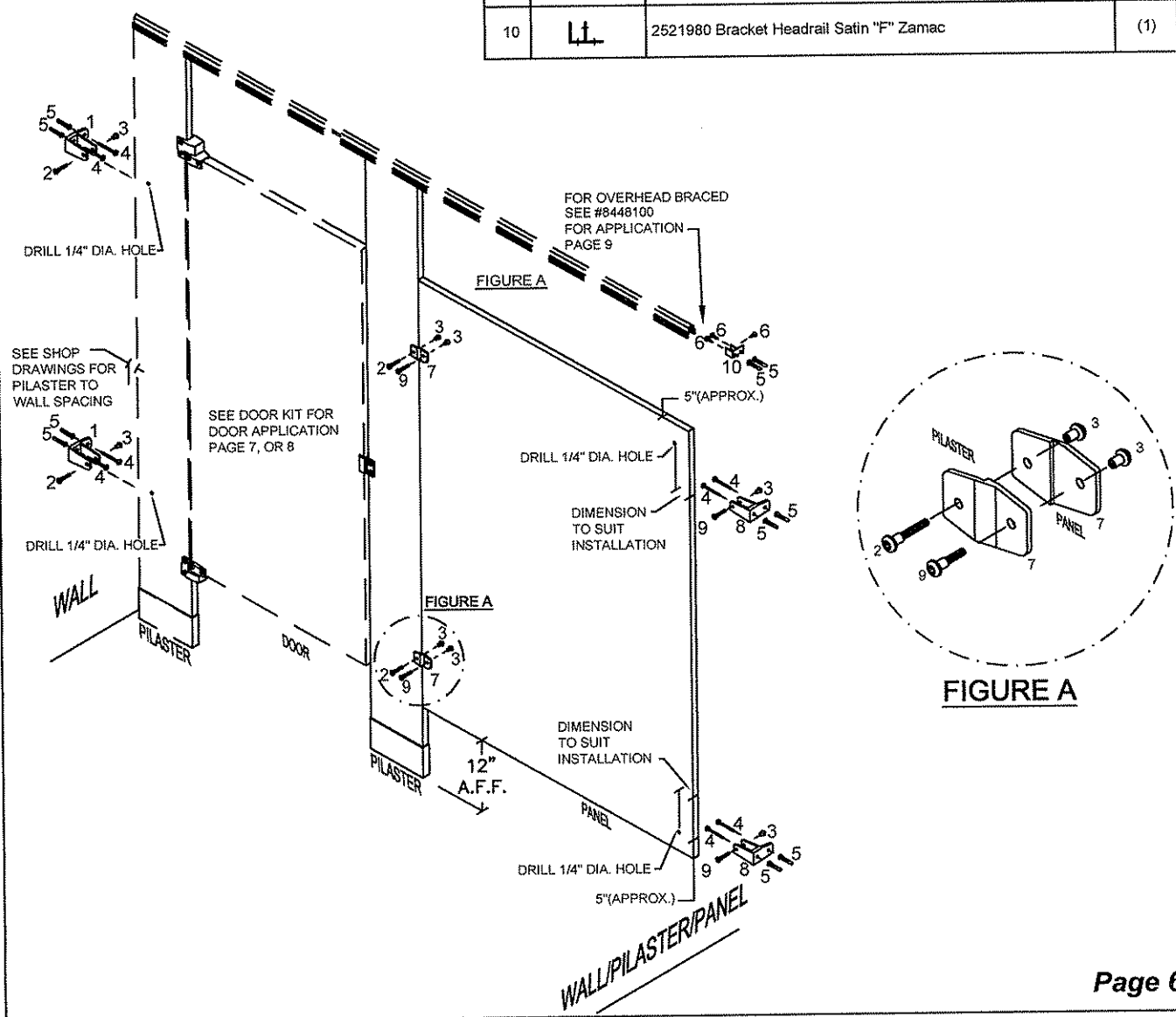


**MANNINGMATERIALSINC**

**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	 2271740 3/4" One Ear Wall Bracket	(2)
2	 3260750 Theft Resistant S/S Step Bolts 3/4" Long	(4)
3	 3260490 Theft Resistant S/S Barrel Nut	(4)
4	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(10)
5	 3080000 Plastic Shields	(10)
6	 3264320 Theft Resistant S/S 3/4" long	(3)
7	 2278340 Alcove Clip	(4)
8	 2271760 1/2" One Ear Wall Bracket	(2)
9	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
10	 2521980 Bracket Headrail Satin "F" Zamac	(1)





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**DOOR HARDWARE  
ASSEMBLY  
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 door.

**INSWING DOOR**

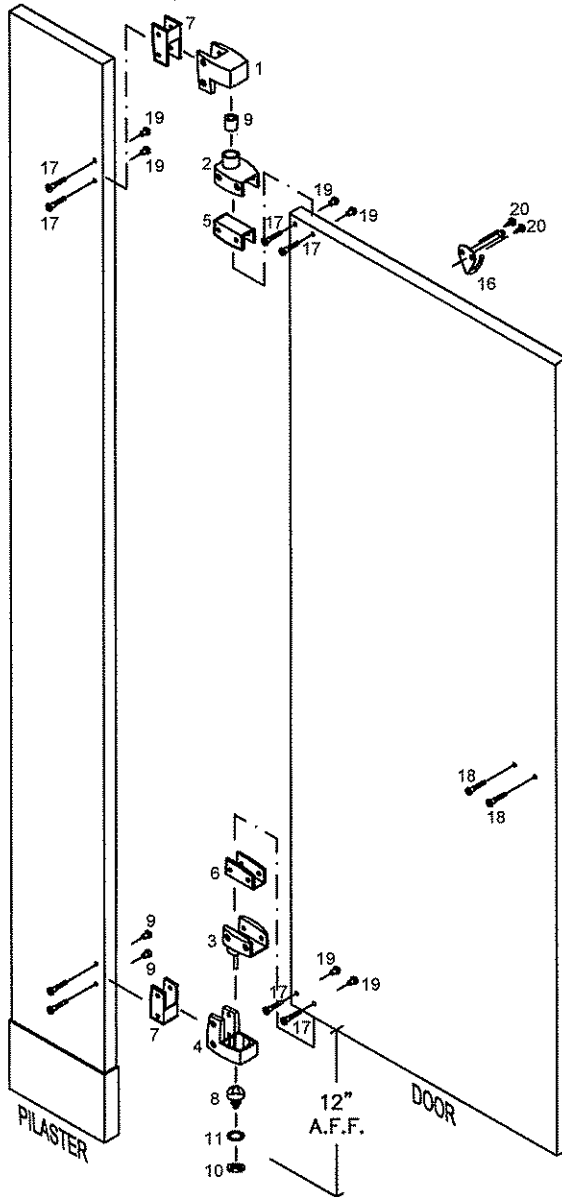
Mount the slide latch on to the door with four (4) 10-24 X 1 inch step bolts and four (4) 10-24 X 1/2 inch barrel nuts. Install keeper and bumper on pilaster. Be sure that the keeper and bumper is set so that the slide bar of the slide latch engages the top notch of the keeper. Install keeper/bumper with two (2) 10-24 x 3/4 inch step bolts and two (2) 10-24 X 1/2 inch barrel nuts.

**OUTSWING DOOR**

Mount the slide latch, and bumper onto the door. Slide latch on inside face, bumper on outside face. Use two (2) 10-24 x 3/4 inch step bolts at the front holes and (2) 10-24 x 1 inch step bolts at the back holes, use four (4) (2) 10-24 x 1/2 inch barrel nuts also for mounting. Install keeper on pilaster. 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. Install keeper with (2) 10-24 x 1 inch step bolts and two (2) 10-24 x 1/2 inch barrel nuts.

**EMERGENCY ACCESS**

Lift door causing latch bolt to clear keeper and open.

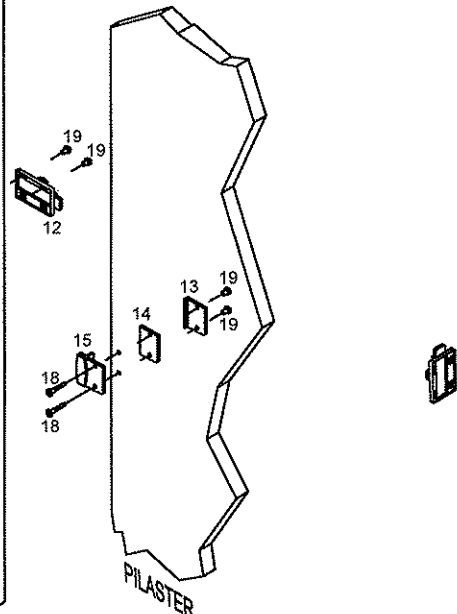


Door Hardware Kit (P/N 8571000) Includes:  
Brushed Finish

PART ID.	DESCRIPTION	QTY
1	2562820 Vault Hinge Top Pilaster Side	(1)
2	2562830 Vault Hinge Top Door Side	(1)
3	2562850 Vault Hinge Bottom Door Side	(1)
4	2562840 Vault Hinge Bottom Pilaster Side	(1)
5	3081980 Spacer hinge top/ Bottom Door Side	(1)
6	3081970 Spacer hinge Bottom Door Side	(1)
7	3081990 Spacer hinge Pilaster Side	(2)
8	2562870 Cam Adjusting Bottom Hinge	(1)
9	8082790 Bushing Nylon Top Hinge	(1)
10	2562860 Nut Adjusting Bottom Hinge	(1)
11	xxxxxx Hinge Washer Internal	(1)
12	2563890 Side Latch Brushed Finish	(1)
13	2562310 Keeper Brushed Finish	(1)
14	3082960 Spacer Door Stop	(1)
15	2562300 Door Stop Brushed Finish	(1)
16	2561600 Bumper And Coathook	(1)
17	3260600 Tamper Resistant S/S Step Bolts #10-24 x 1"	(14)
18	3260750 Tamper Resistant S/S Step Bolts #10-24 x 3/4" (For Phenolic Use Only)	(6)
19	3260590 Tamper Resistant S/S Barrel Nut #10-24 x 1/2"	(14)
20	3262130 Tamper Resistant S/S #10 x 5/8"	(2)

Door Hardware Kit (P/N 8571010) Includes:  
Brushed Finish

PART ID.	DESCRIPTION	QTY
1	2511700 Pull Handle	(1)
2	3260700 Tamper Resistant S/S Step Bolts #10-24 x 1-1/4"	(4)



**DOOR HARDWARE  
ASSEMBLY  
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 door.

**INSWING DOOR**

Mount the slide latch on to the door with four (4)10-24 X 1 inch step bolts and four (4) 10-24 X 1/2 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 two (2)10-24 x 3/4 inch step bolts and two (2) 10-24 X 1/2 inch barrel nuts.

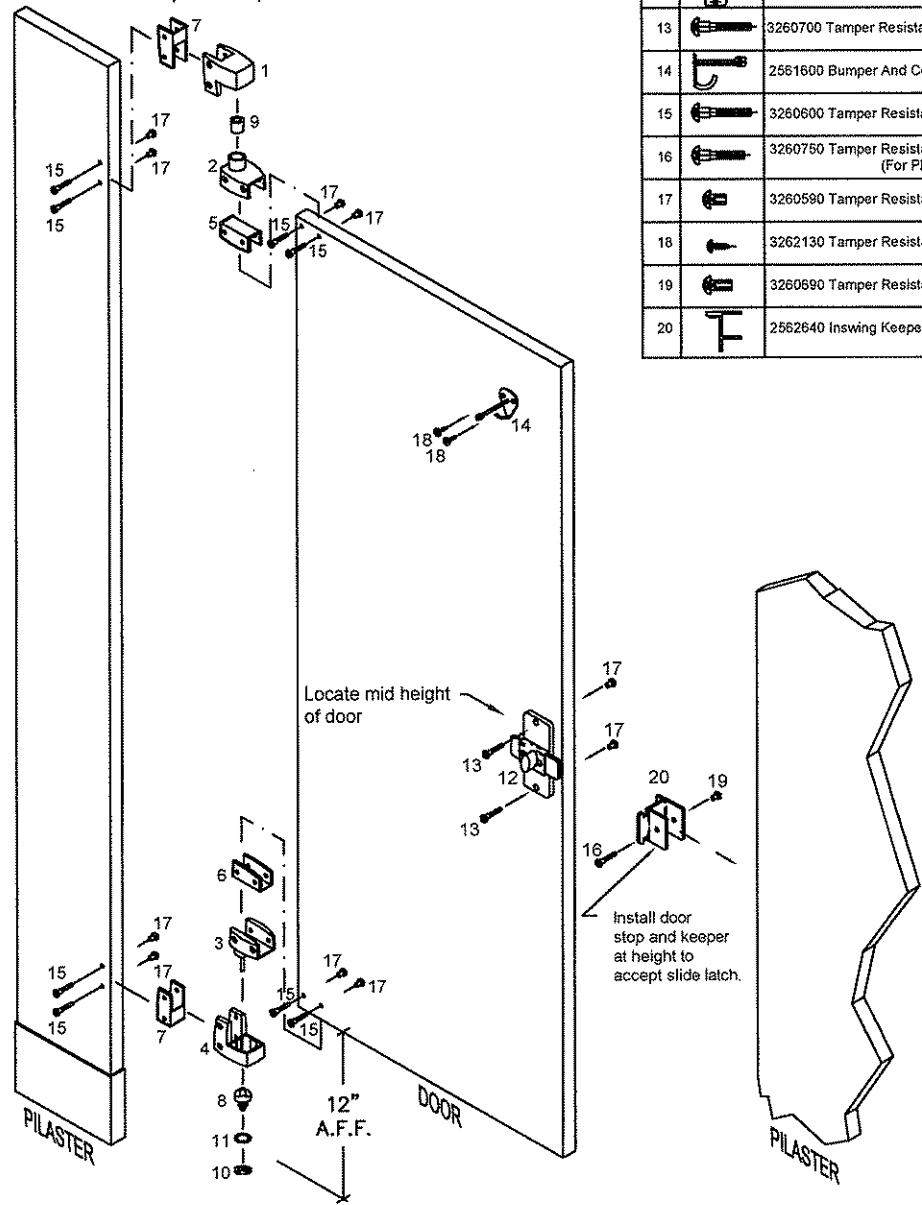
**OUTSWING DOOR**

Mount the slide latch, and bumper on to the door. Slide latch on inside face, bumper on outside face. Use two (2)10-24 x 3/4 inch step bolts at the front holes and (2)10-24 x 1 inch step bolts at the back holes, use four (4) (2)10-24 x 1/2 inch barrel nuts also for mounting. Install keeper on pilaster. 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. Install keeper with (2)10-24 x 1 inch step bolts and two (2)10-24 x 1/2 inch barrel nuts.

**EMERGENCY ACCESS**

lift door causing latch bolt to clear keeper and open.

Inswing Door Hardware Kit (P/N 8571005) Includes: Brushed Finish			
PART ID.		DESCRIPTION	QTY
1		2562820 Vault Hinge Top Pilaster Side	(1)
2		2562830 Vault Hinge Top Door Side	(1)
3		2562850 Vault Hinge Bottom Door Side	(1)
4		2562840 Vault Hinge Bottom Pilaster Side	(1)
5		3081980 Spacer hinge top/ Bottom Door Side	(1)
6		3081970 Spacer hinge Bottom Door Side	(1)
7		3081990 Spacer hinge Pilaster Side	(2)
8		2562870 Cam Adjusting Bottom Hinge	(1)
9		8082790 Bushing Nylon Top Hinge	(1)
10		2562860 Nut Adjusting Bottom Hinge	(1)
11		xxxxxxx Hinge Washer Internal	(1)
12		2563900 Side Latch Brushed Finish	(1)
13		3260700 Tampor Resistant S/S Step Bolts #10-24 x 1-1/4"	(2)
14		2561600 Bumper And Coathook	(1)
15		3260600 Tampor Resistant S/S Step Bolts #10-24 x 1 "	(10)
16		3260750 Tampor Resistant S/S Step Bolts #10-24 x 3/4 " (For Phenolic Use Only)	(1)
17		3260590 Tampor Resistant S/S Barrel Nut #10-24 x 1/2"	(10)
18		3262130 Tampor Resistant S/S #10 x 5/8"	(2)
19		3260690 Tampor Resistant S/S Barrel Nut #10-24 x 5/8"	(1)
20		2562640 Inswing Keeper Brushed	(1)



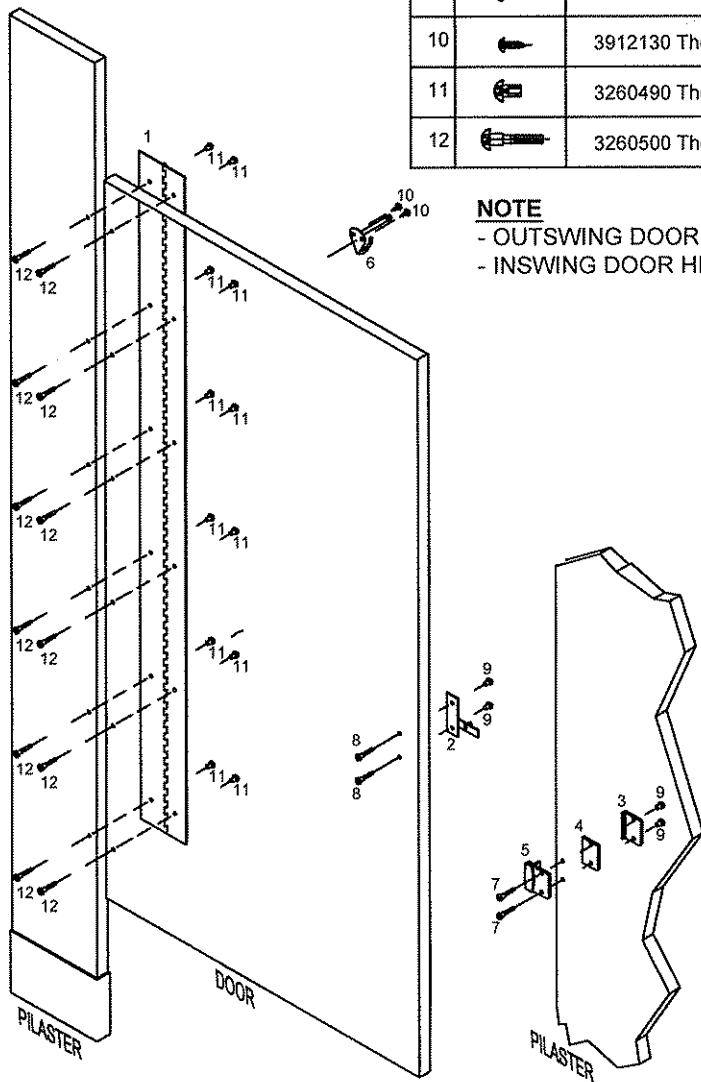


**MANNING MATERIALS INC**

**DOOR HARDWARE  
ASSEMBLY-PIANO HINGE  
PHENOLIC**

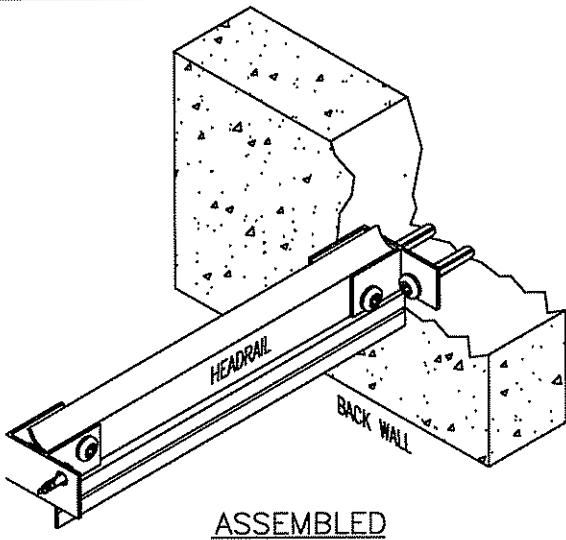
Door Hardware Kit (P/N 5261850) Includes:  
Brushed Finish

PART ID.	DESCRIPTION	QTY
1	5261850 S/S Piano Hinge	(1)
2	2565700 Throw Latch	(1)
3	2562310 Keeper Brushed Finish	(1)
4	3082960 Spacer Door Stop	(1)
5	2562300 Door Stop Brushed Finish	(1)
6	2511600 Bumper And Coathook	(1)
7	3260700 Theft Resistant S/S Step Bolts #10-24 x 1-1/4 "	(2)
8	3260750 Theft Resistant S/S Step Bolts #10-24 x 3/4 "	(4)
9	3260690 Theft Resistant S/S Barrel Nut #10-24 x 5/8"	(6)
10	3912130 Theft Resistant C/P #10 x 5/8"	(2)
11	3260490 Theft Resistant S/S Barrel Nut #10-24 x 3/8"	(12)
12	3260500 Theft Resistant S/S Step Bolts #10-24 x 1/2 "	(12)








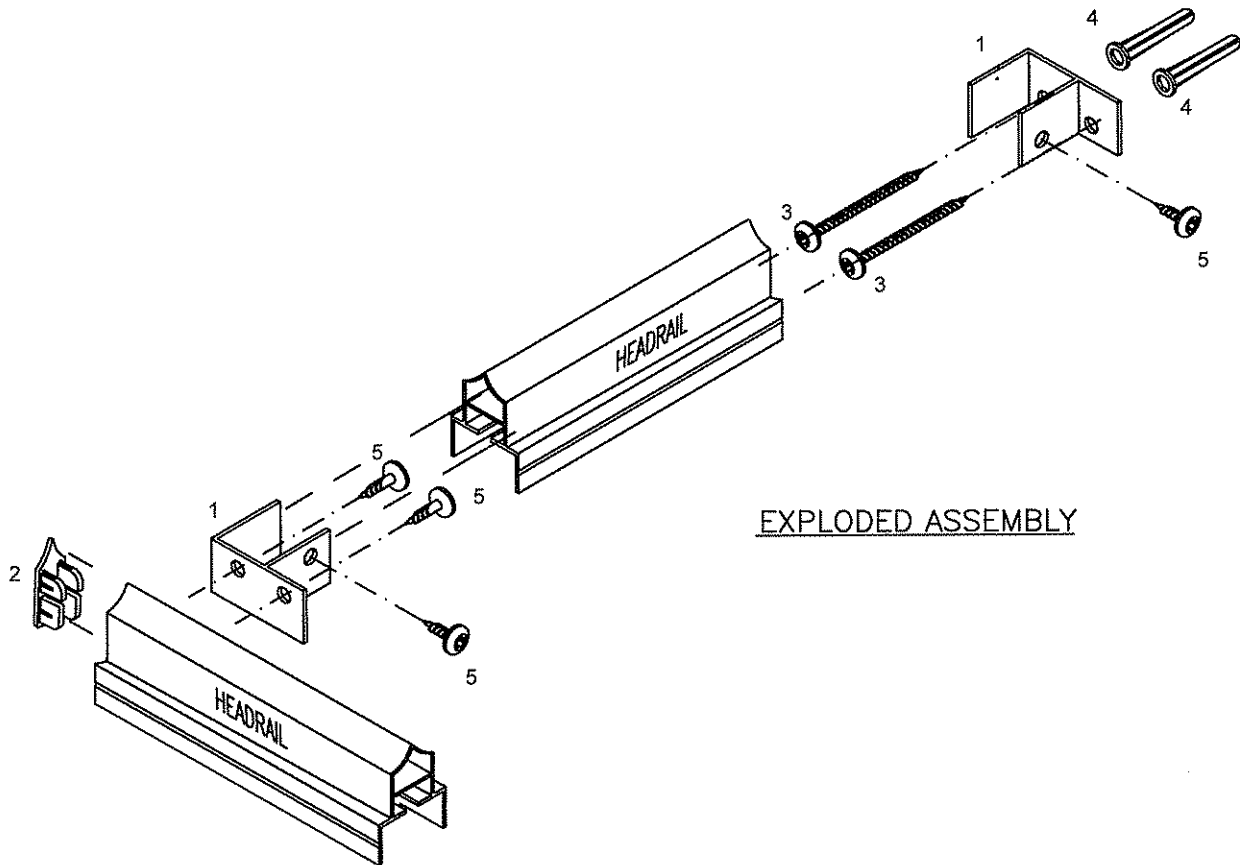
**NOTE**  
 - OUTSWING DOOR HINGE FASTENED TO OUTSIDE FACE  
 - INSWING DOOR HINGE FASTENED TO INSIDE FACE

**HEADRAIL  
ASSEMBLY  
PHENOLIC**



Headrail Hardware Kit (P/N 8448100) Includes:

PART ID.	DESCRIPTION	QTY
1	 2521980 Headrail Satin "F" Zamac Bracket	(2)
2	 2522200 Headrail Cap Satin Zamac	(1)
3	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(2)
4	 3080000 Plastic Shield 14/16 x 1-1/2"	(2)
5	 3264120 Theft Resistant S/S #14 x 5/8" S.M.S	(4)








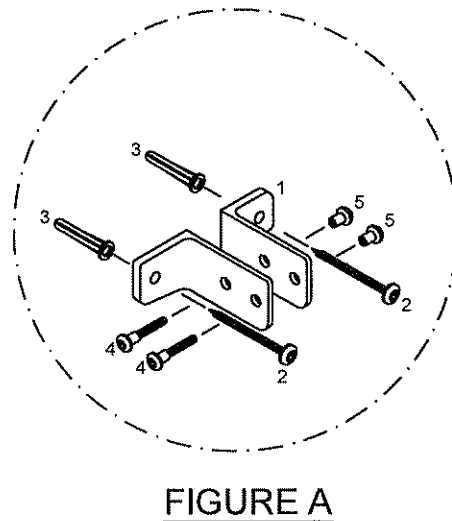
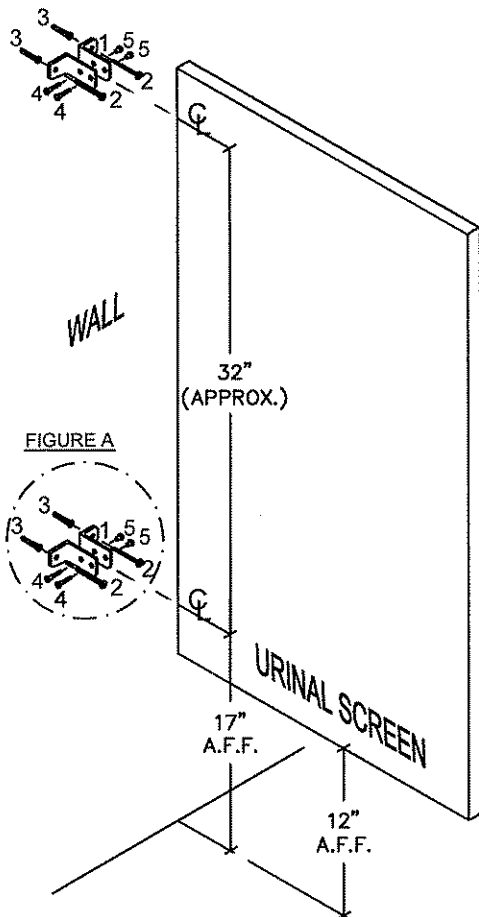
EXPLODED ASSEMBLY



**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	 5271320 S/S Wall Angle Brackets	(4)
2	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
3	 3080000 Plastic Shields	(4)
4	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
5	 3260490 Theft Resistant S/S Barrel Nut	(4)



## **STEP 1**

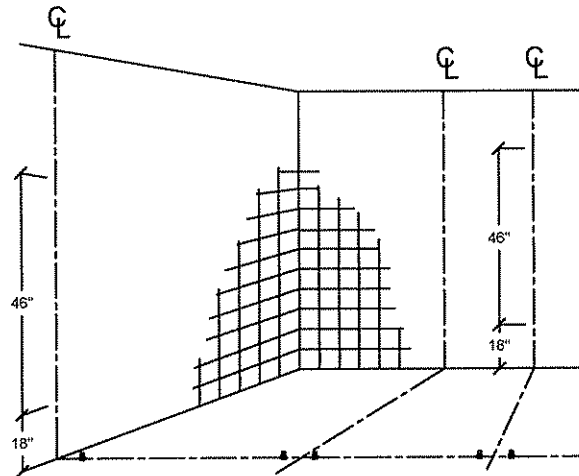
### **LAYOUT**

#### **FLOOR ANCHORED**

**FIGURE 1**

**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 1" from edge of pilaster).
- Mark wall bracket holes using brackets as templates.

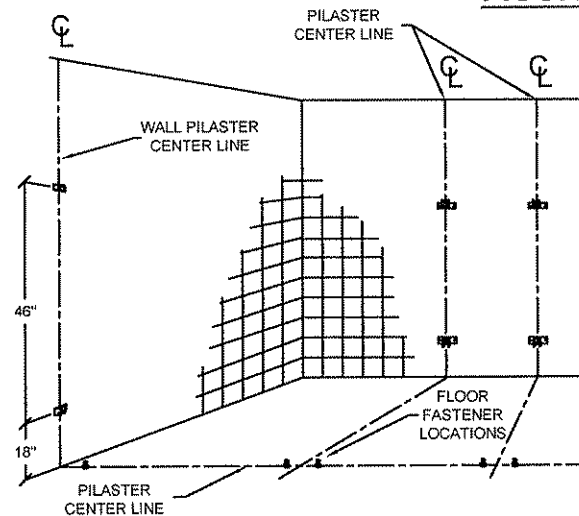


## **STEP 2**

### **WALL BRACKETS AND FLOOR ANCHORS**

**FIGURE 2**

- Drill holes for wall brackets and floor fastenings of appropriate size for particular fastening devices supplied.
- Insert anchoring devices in walls and secure wall brackets.
- Install wedge anchor with washer and nut into concrete floor and tighten.

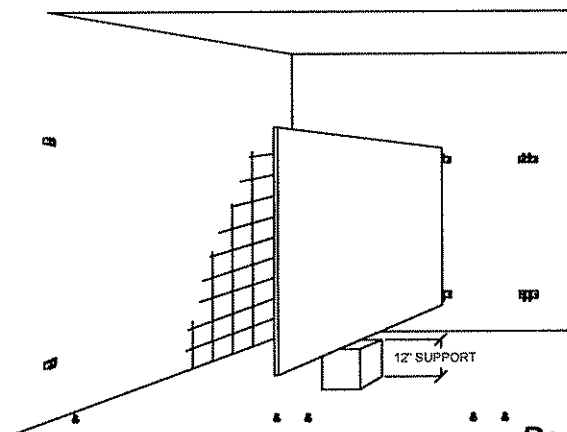


## **STEP 3**

### **POSITION PANEL**

**FIGURE 3**

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



## STEP 4 PILASTER PREPARATION

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

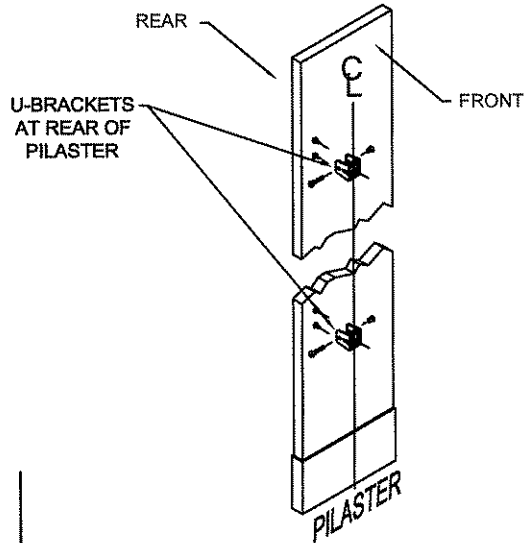


FIGURE 4

## STEP 5 INSTALL PILASTERS

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

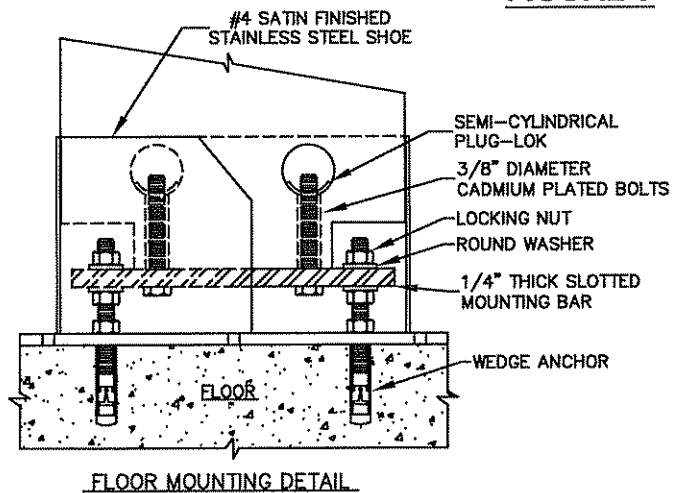


FIGURE 5

## STEP 6 SECURING PILASTERS /PANELS

- Level each pilaster by adjusting both support nuts to desired position.
- Plumb each pilaster and fasten the pilaster to panel with "U" brackets using through bolts.
- Establish door openings by setting pilaster mounting bar to desired position on anchor.
- Tighten locking nuts on top of pilaster mounting bar.
- Fasten panel to wall brackets using through bolts.
- Secure four piece shoe to pilaster.
- Remove panel support device.

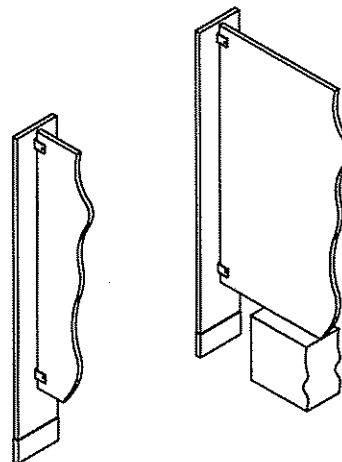


FIGURE 6












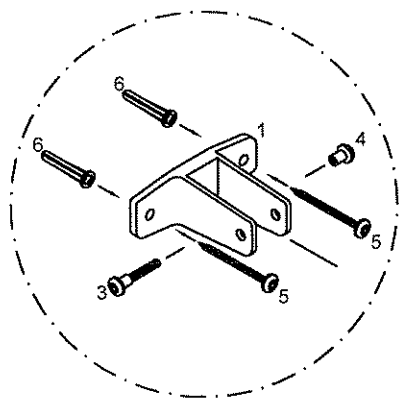
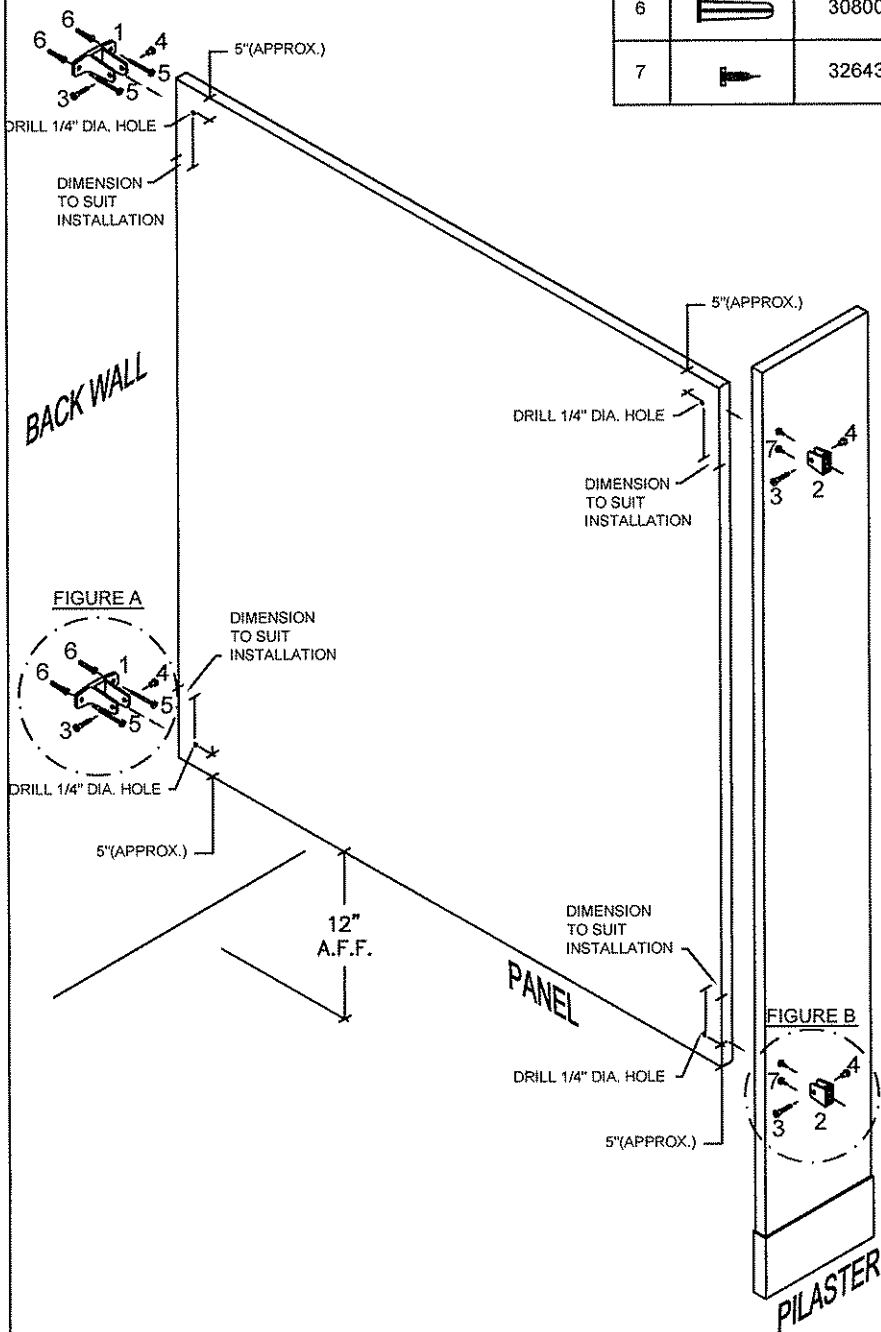
**FLOOR ANCHORED  
PANEL TO PILASTER/WALL  
TWO EAR ASSEMBLY  
PHENOLIC**

Pilasters must be both plumb and level.  
Refer to steps 4 & 6.

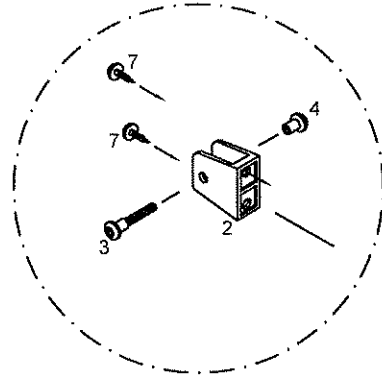
A. Plumb panel and fasten panel to 2-Ear bracket  
at wall with through bolts.

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

Panel Hardware Kit (P/N 8275020) Includes: STAINLESS STEEL		
PART ID.	DESCRIPTION	QTY
1	 2271750 Two Ear Bracket	(2)
2	 2271910 "U" Bracket	(2)
3	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
4	 3260490 Theft Resistant S/S Barrel Nut	(4)
5	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
6	 3080000 Plastic Shields	(4)
7	 3264320 Theft Resistant S/S #14 x 3/4" S.M.S	(4)



**FIGURE A**



**FIGURE B**

**NOTE:**  
Two #3264320 Theft resistant S/S #14 X 3/4"  
To Fasten U-bracket To Pilaster.










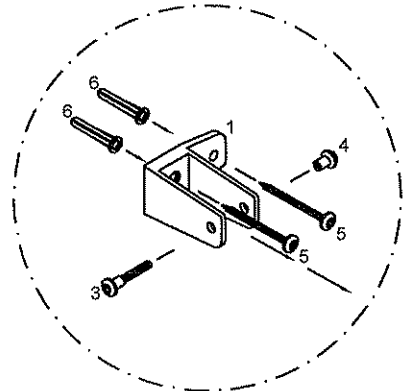
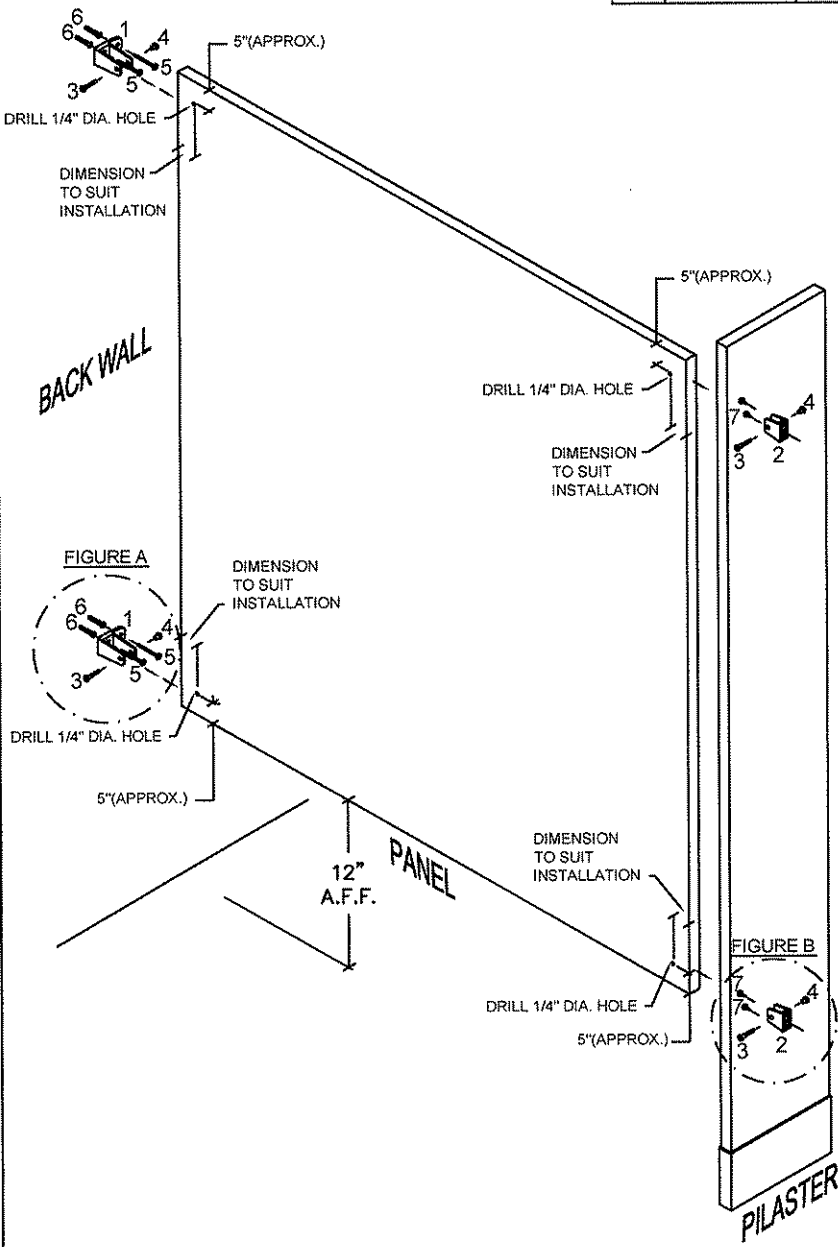
**MANNINGMATERIALSINC**

**FLOOR ANCHORED  
PANEL TO PILASTER/WALL  
ONE EAR ASSEMBLY  
PHENOLIC**

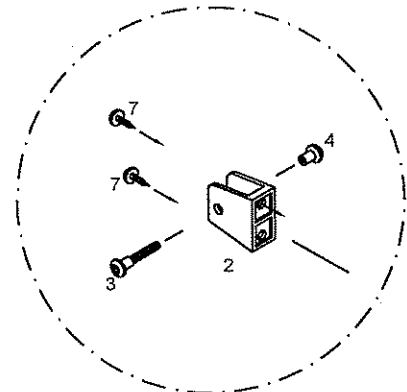
Pilasters must be both plumb and level.  
Refer to steps 4 & 6.

- A. Plumb panel and fasten panel to 1-Ear bracket at wall with through bolts.
- B. Fasten pilaster to panel using through bolts and "U" brackets.

Panel Hardware Kit (P/N 8275010) Includes: STAINLESS STEEL		
PART ID.	DESCRIPTION	QTY
1	 2271760 One Ear Bracket	(2)
2	 2271910 "U" Bracket	(2)
3	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
4	 3260490 Theft Resistant S/S Barrel Nut	(4)
5	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
6	 3080000 Plastic Shields	(4)
7	 3264320 Theft Resistant S/S #14 x 3/4" S.M.S	(4)



**FIGURE A**









**FIGURE B**

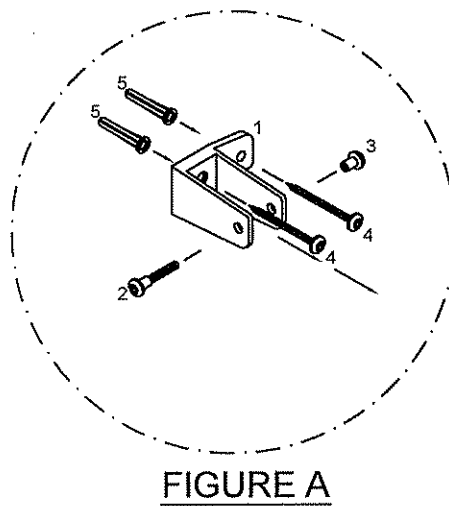
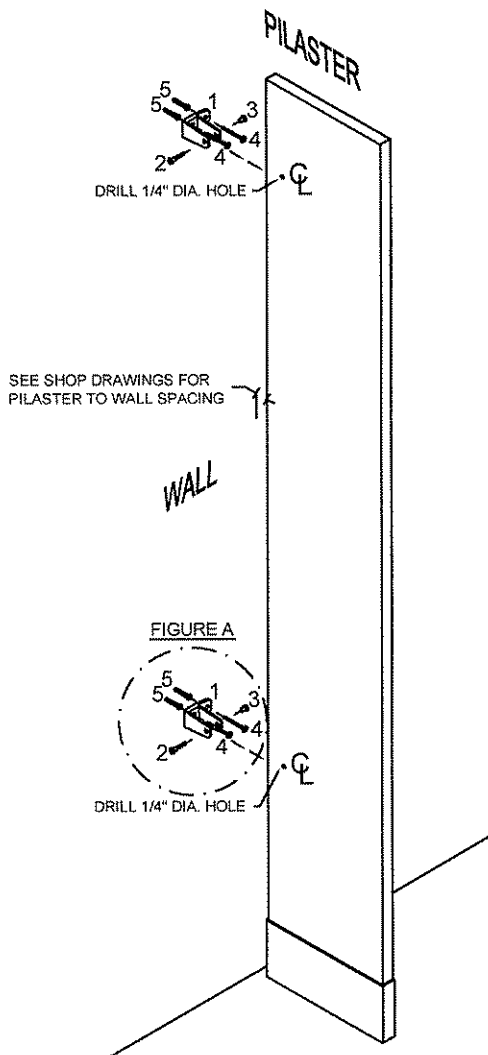
**NOTE:**  
Two #3264320 Theft resistant S/S #14 X 3/4"  
To Fasten U-bracket To Pilaster.

**FLOOR ANCHORED  
PILASTER/WALL  
ASSEMBLY  
PHENOLIC**

Pilasters must be both plumb and level.








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


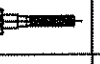




Pilaster/Wall Hardware Kit (P/N 8275210) Includes: STAINLESS STEEL			
PART ID.		DESCRIPTION	QTY
1		2271740 S/S One Ear Wall Bracket	(2)
2		3260750 Theft Resistant S/S Step Bolts 3/4" Long	(2)
3		3260590 Theft Resistant S/S Barrel Nut	(6)
4		3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
5		3080000 Plastic Shields	(4)
6		3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)

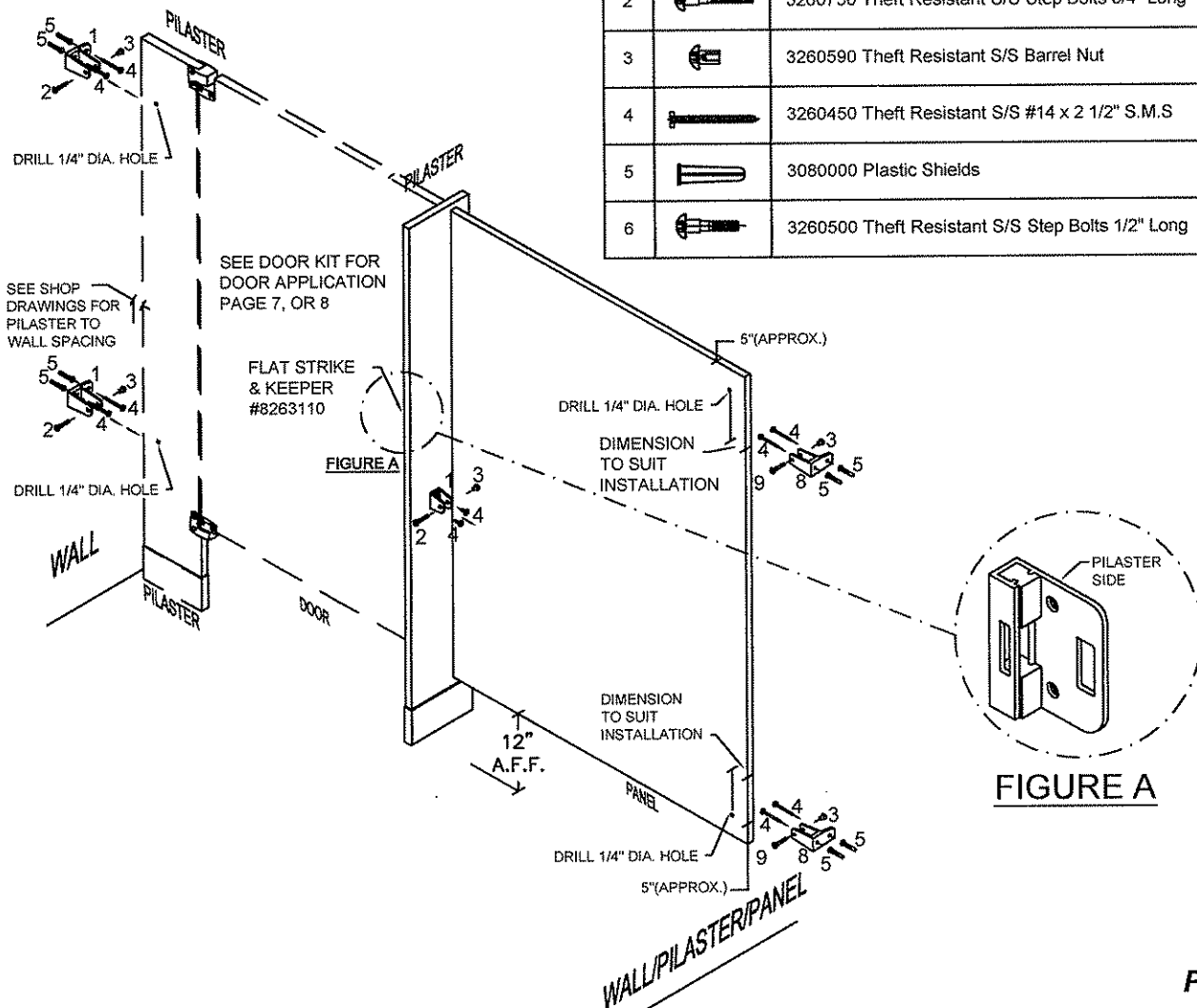


**FLOOR ANCHORED  
 PILASTER/PANEL ALCOVE  
 ASSEMBLY  
 PHENOLIC**

Note:  
 Replace P/N#8275010 with P/N#8275020  
 for two ear locations.

Panel Hardware Kit (P/N 8275010) Includes: STAINLESS STEEL		
PART ID.	DESCRIPTION	QTY
1	 2271750 One Ear Bracket	(2)
2	 2271910 "U" Bracket	(2)
3	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
4	 3260490 Theft Resistant S/S Barrel Nut	(4)
5	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
6	 3080000 Plastic Shields	(4)
7	 3264320 Theft Resistant S/S #14 x 3/4" S.M.S	(4)

Pilaster/Wall Hardware Kit (P/N 8275210) Includes: STAINLESS STEEL		
PART ID.	DESCRIPTION	QTY
1	 2271740 S/S One Ear Wall Bracket	(2)
2	 3260750 Theft Resistant S/S Step Bolts 3/4" Long	(2)
3	 3260590 Theft Resistant S/S Barrel Nut	(6)
4	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
5	 3080000 Plastic Shields	(4)
6	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)



## **STEP 1**

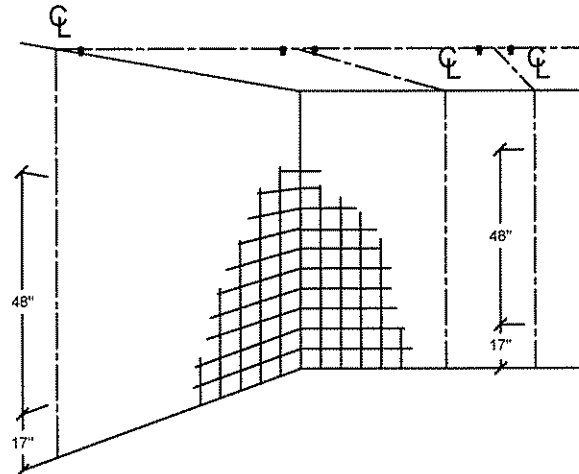
### **LAYOUT**

### **CEILING HUNG**

**FIGURE 1**

#### STRUCTURAL STEEL BY OTHERS

- Review the layout drawings and package lists that have accompanied this job.
- Before proceeding, confirm that backing of wall and ceiling is adequate to support secure mounting of toilet compartment units.
- Confirm correct location and condition of threaded ceiling rods. These should project 2" to 2-1/2" below finished ceiling.
- Establish and mark pilaster and panel center lines in relation to ceiling rod locations and drawings.
- Mark wall bracket holes using brackets as templates.



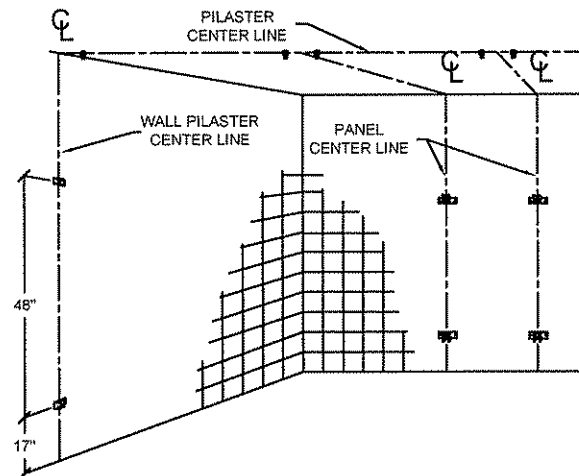
## **STEP 2**

### **WALL BRACKETS AND**

### **CEILING FASTENING**

**FIGURE 2**

- Drill holes for wall brackets of appropriate size for particular fastening devices supplied.
- Insert anchoring devices in walls and secure wall brackets.
- Pilaster at wall should be prepared for wall and ceiling fastening as required by compartment layout.

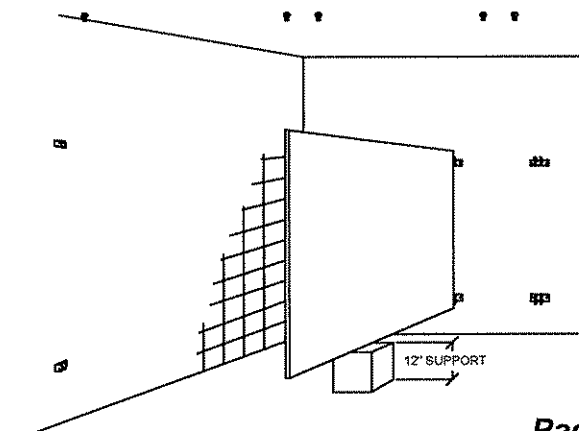


## **STEP 3**

### **POSITION PANEL**

**FIGURE 3**

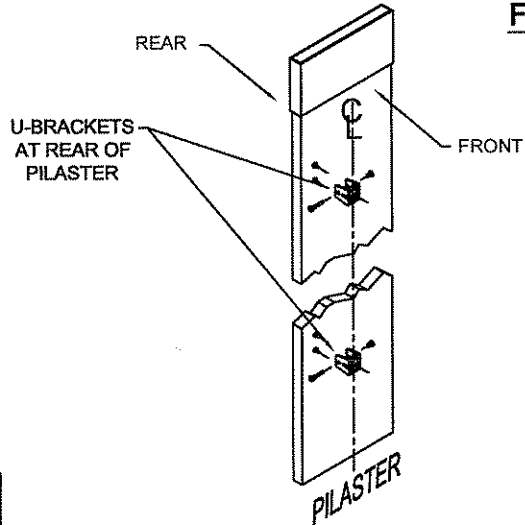
- Place panel on a support, 12" above the floor.
- Set it into wall brackets, but do not fasten panel at this time.



## **STEP 4**

### **PILASTER PREPARATION**

- A. Align U-brackets in position on rear of pilasters. Refer to layout drawings.
- B. Fasten U-brackets to pilaster with sheet metal screws.
- C. Pilasters at wall do not require U-brackets.

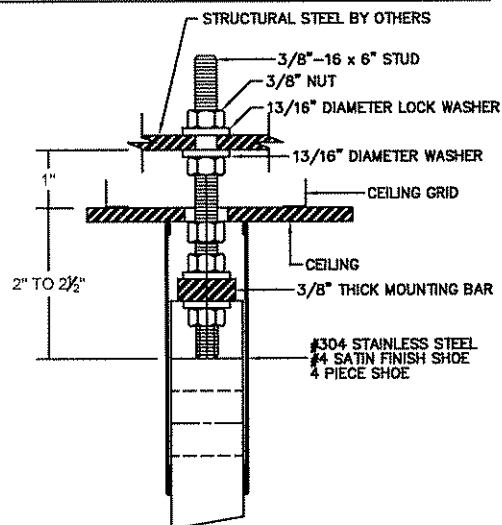
**FIGURE 4**

## **STEP 5**

### **INSTALL PILASTERS**

NOTE: STRUCTURAL STEEL BY OTHERS

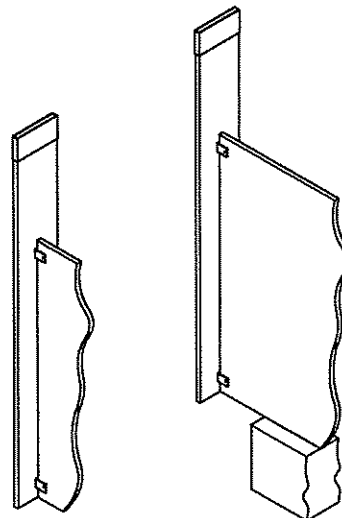
- A. Thread support nuts and mounting washers over threaded rods to support pilaster mounting bar.
- B. Position pilaster and mounting bar on threaded rods and attach lightly with square flat washer, lockwasher and locking nut.

**CEILING BOLT MOUNTING DETAIL**

## **STEP 6**

### **SECURING PILASTERS TO PANELS**

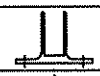






- A. Level each pilaster by adjusting both support nuts to desired position.
- B. Plumb each pilaster and fasten the pilaster to panel using through bolts or sheet metal screws.
- C. Establish door openings by setting pilaster mounting bar to desired position on stud.
- D. Tighten locking nuts on top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

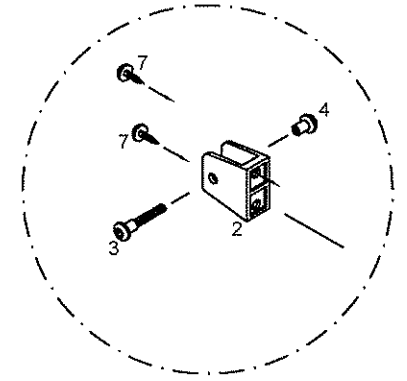
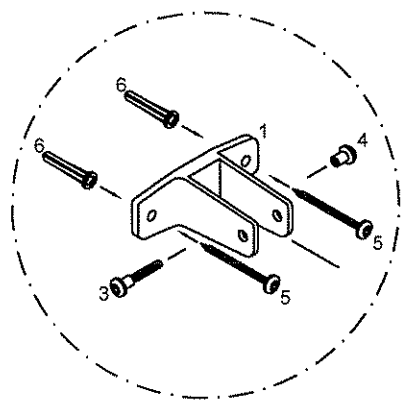
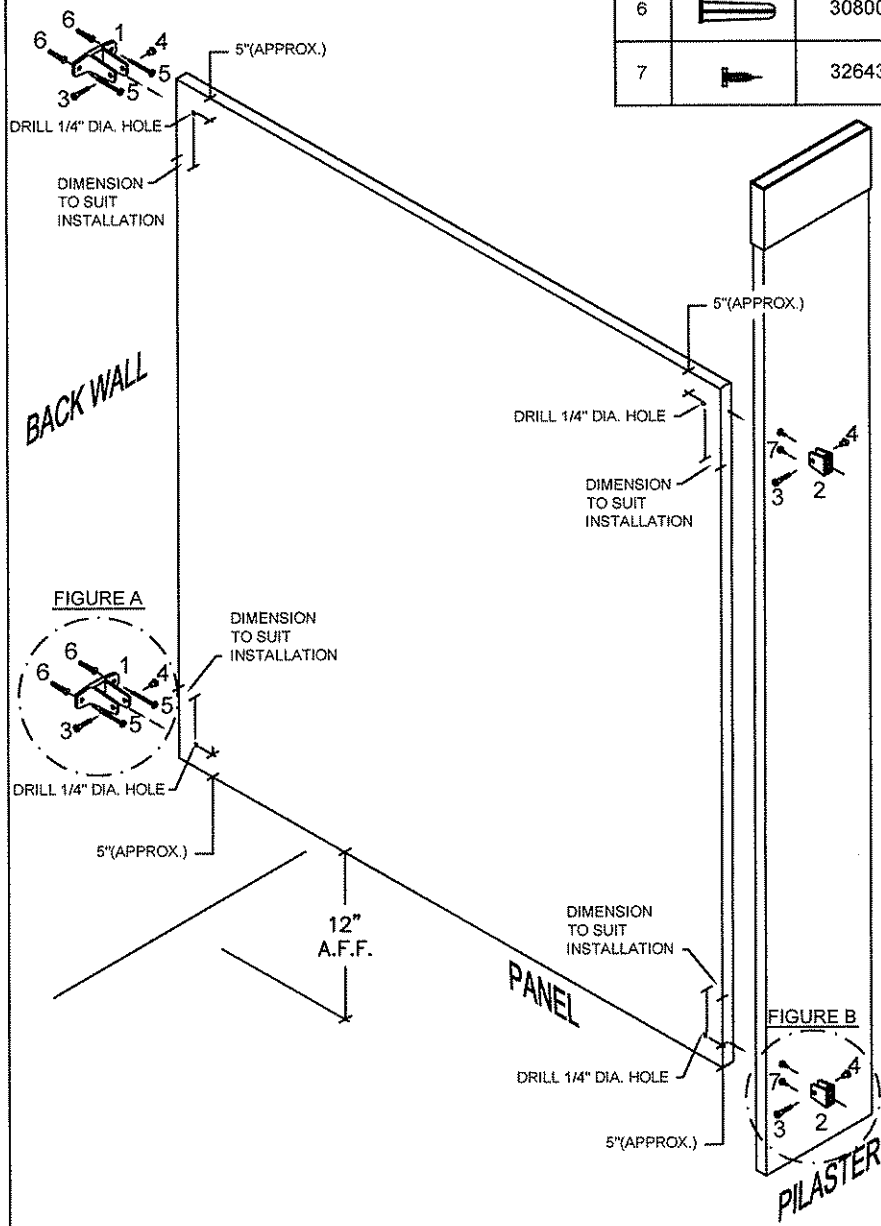
**FIGURE 6**

**CEILING ANCHORED  
PANEL TO PILASTER/WALL  
TWO EAR ASSEMBLY  
PHENOLIC**

Pilasters must be both plumb and level.  
Refer to steps 4 & 6.

- A. Plumb panel and 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 8275020) Includes: STAINLESS STEEL		
PART ID.	DESCRIPTION	QTY
1	 2271750 Two Ear Bracket	(2)
2	 2271910 "U" Bracket	(2)
3	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
4	 3260490 Theft Resistant S/S Barrel Nut	(4)
5	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
6	 3080000 Plastic Shields	(4)
7	 3264320 Theft Resistant S/S #14 x 3/4" S.M.S	(4)










**NOTE:**  
Two #3264320 Theft resistant S/S #14 X 3/4"  
To Fasten U-bracket To Pilaster.

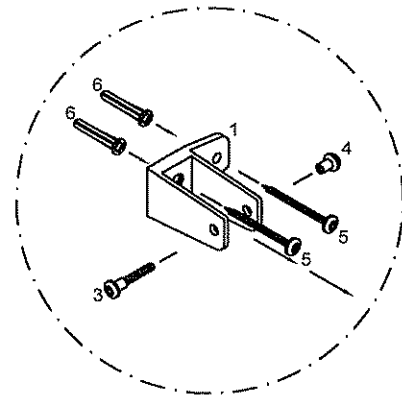
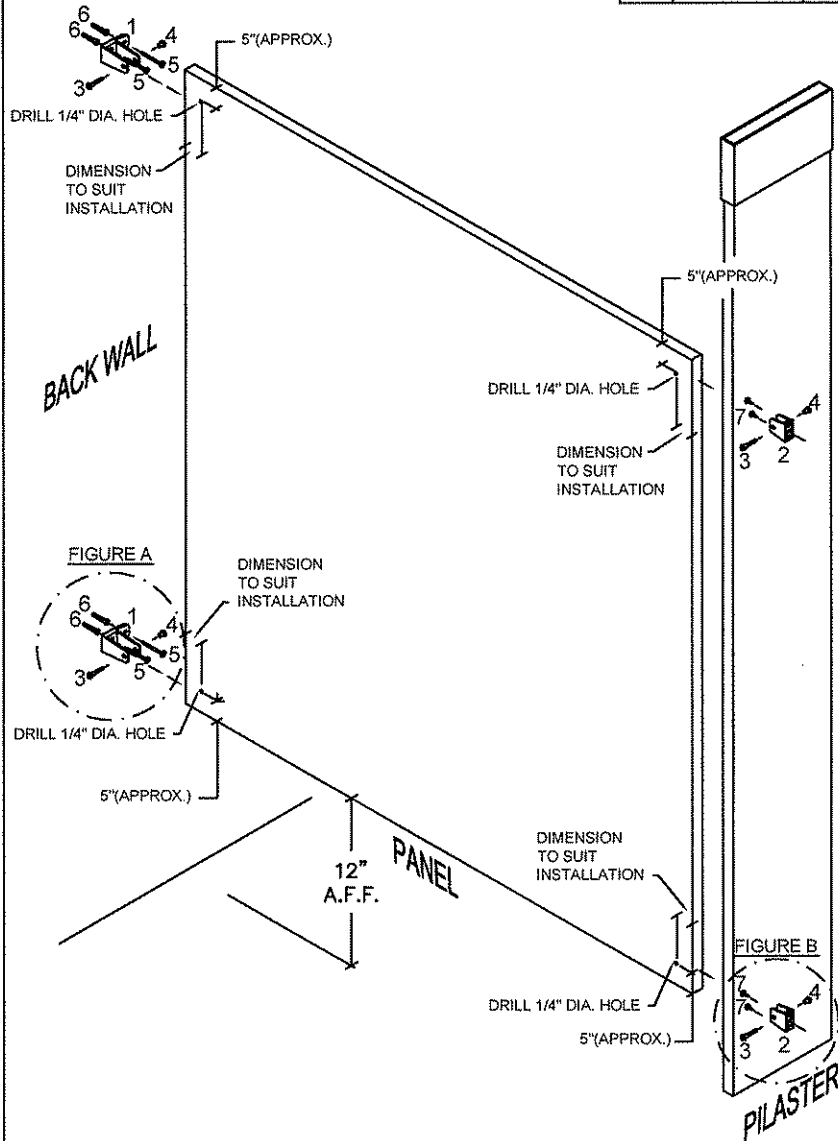
**CEILING ANCHORED  
 PANEL TO PILASTER/WALL  
 ONE EAR ASSEMBLY**

**PHENOLIC**

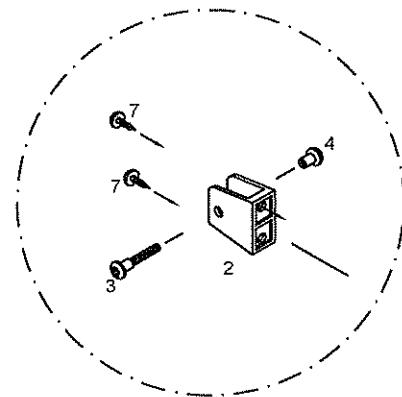
Pilasters must be both plumb and level.  
 Refer to steps 4 & 6.

- 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 or sheet metal screws to "U" brackets.

Panel Hardware Kit (P/N 8275010) Includes: STAINLESS STEEL		
PART ID.	DESCRIPTION	QTY
1	 2271760 One Ear Bracket	(2)
2	 2271910 "U" Bracket	(2)
3	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
4	 3260490 Theft Resistant S/S Barrel Nut	(4)
5	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
6	 3080000 Plastic Shields	(4)
7	 3264320 Theft Resistant S/S #14 x 3/4" S.M.S	(4)



**FIGURE A**



**FIGURE B**

**NOTE:**  
 Two #3264320 Theft resistant S/S #14 X 3/4"  
 To Fasten U-bracket To Pilaster.









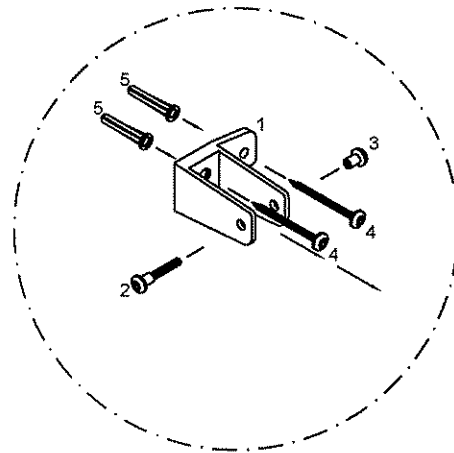
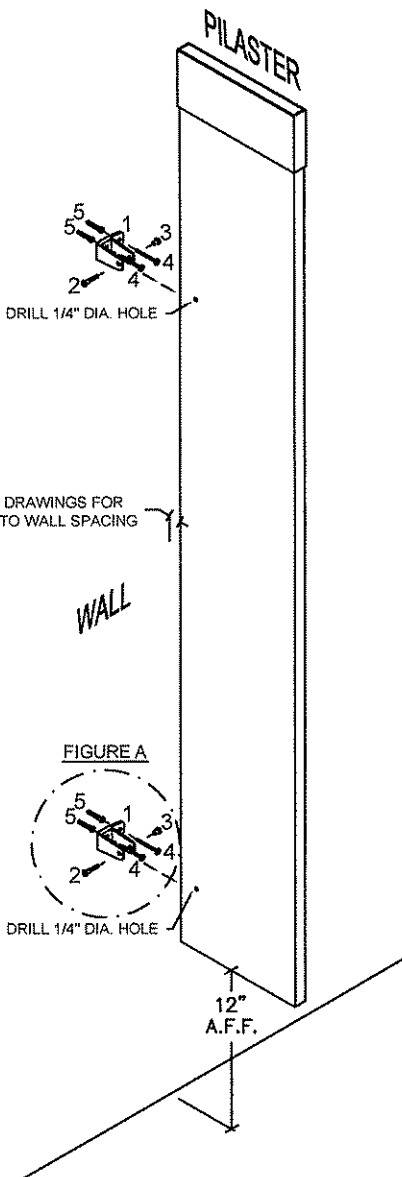
**CEILING ANCHORED  
PILASTER/WALL  
ASSEMBLY  
PHENOLIC**

Pilasters must be both plumb and level.

- A. Fasten pilaster to wall using through bolts or sheet metal screws.
- B. Establish bottom door openings by adjusting pilaster 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	 2271740 S/S One Ear Wall Bracket	(2)
2	 3260750 Theft Resistant S/S Step Bolts 3/4" Long	(2)
3	 3260590 Theft Resistant S/S Barrel Nut	(6)
4	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
5	 3080000 Plastic Shields	(4)
6	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)









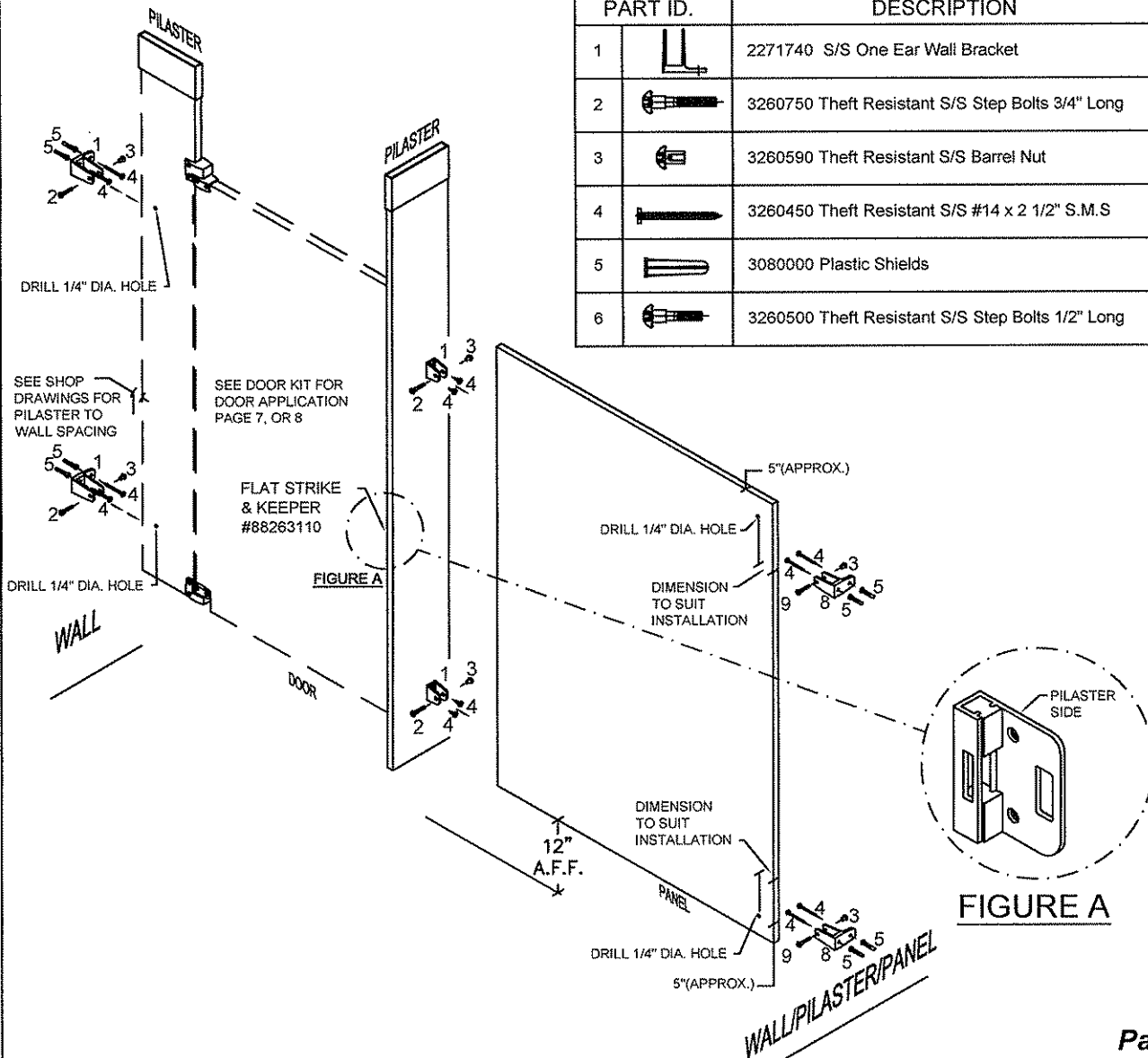
**FIGURE A**

**CEILING ANCHORED  
 PILASTER/PANEL ALCOVE  
 ASSEMBLY  
 PHENOLIC**

Note:  
 Replace P/N#8275010 with P/N#8275020  
 for two ear locations.

Panel Hardware Kit (P/N 8275010) Includes: STAINLESS STEEL			
PART ID.		DESCRIPTION	QTY
1		2271760 One Ear Bracket	(2)
2		2271910 "U" Bracket	(2)
3		3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
4		3260490 Theft Resistant S/S Barrel Nut	(4)
5		3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
6		3080000 Plastic Shields	(4)
7		3264320 Theft Resistant S/S #14 x 3/4" S.M.S	(4)

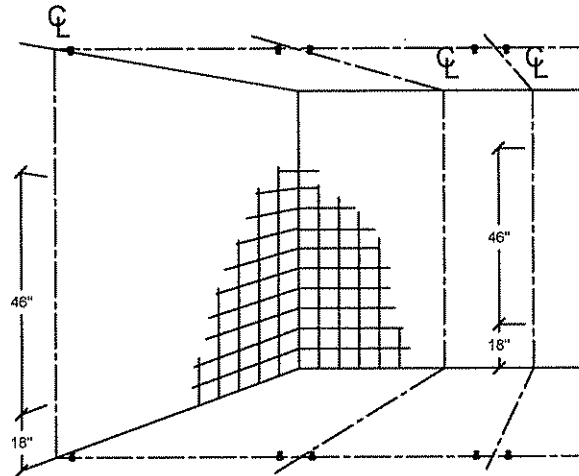
Pilaster/Wall Hardware Kit (P/N 8275210) Includes: STAINLESS STEEL			
PART ID.		DESCRIPTION	QTY
1		2271740 S/S One Ear Wall Bracket	(2)
2		3260750 Theft Resistant S/S Step Bolts 3/4" Long	(2)
3		3260590 Theft Resistant S/S Barrel Nut	(6)
4		3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
5		3080000 Plastic Shields	(4)
6		3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)



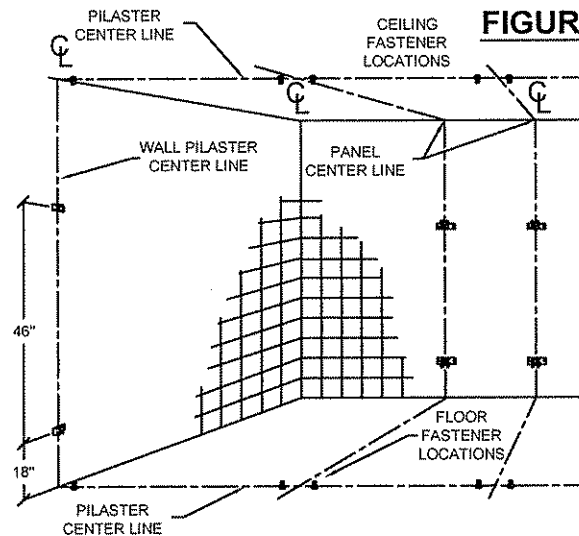
**STEP 1****LAYOUT****FLOOR ANCHORED/CEILING ANCHORED**

NOTE: FLOOR MUST BE CONCRETE.  
STRUCTURAL STEEL BY OTHERS

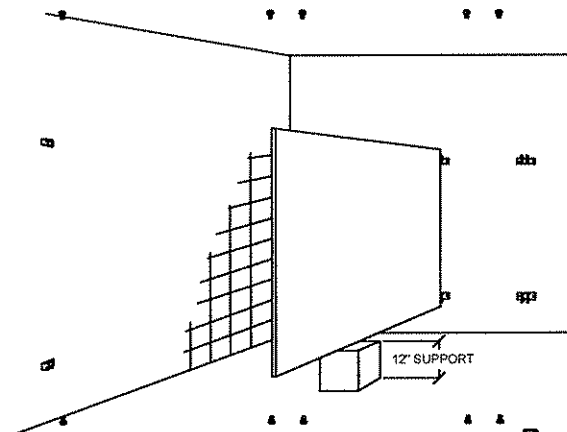
- A. Review the layout drawings and package lists that have accompanied this job.
- B. Before proceeding, confirm that backing of wall and ceiling support is adequate to secure mounting of toilet compartment units.
- C. Establish and mark pilaster center line from back wall.
- D. Establish and mark panel center lines for wall brackets.
- E. Establish pilaster floor and ceiling fastener locations from side wall according to shop drawings. (Note: Fasteners are located 1" from edge of pilaster).
- F. Mark wall bracket holes using brackets as templates.

**FIGURE 1****STEP 2****WALL BRACKETS AND FLOOR/CEILING FASTENERS**

- A. Drill holes for wall brackets and floor fastenings of appropriate size for particular fastening devices supplied.
- B. Insert anchoring devices in walls and secure wall brackets.
- C. Install wedge anchor with washer and nut into concrete floor and tighten.

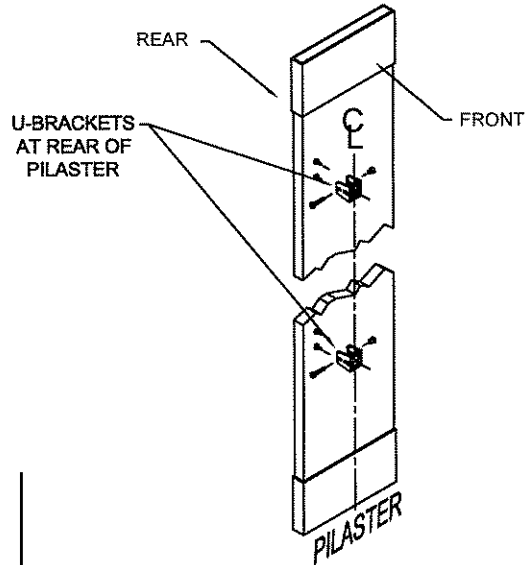
**FIGURE 2****STEP 3****POSITION PANEL**

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

**FIGURE 3**

## STEP 4 PILASTER PREPARATION

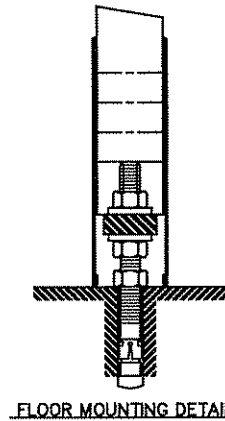
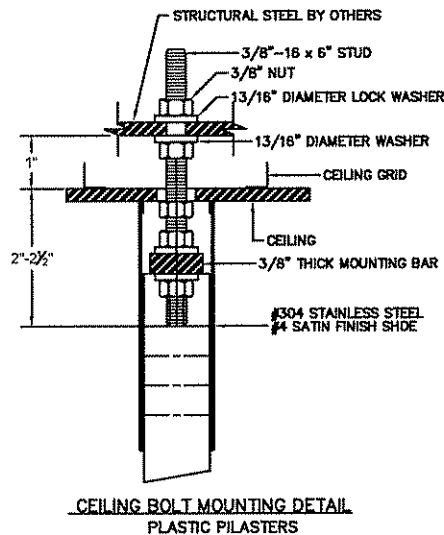
- A. Align U-brackets in position on rear of pilasters. Refer to layout drawings.
- B. Fasten U-brackets to pilaster with sheet metal screws.
- C. Pilasters at wall do not require U-brackets, but should be prepared for wall, floor and ceiling as required by compartment layout.


**FIGURE 4**

## STEP 5 INSTALL PILASTERS

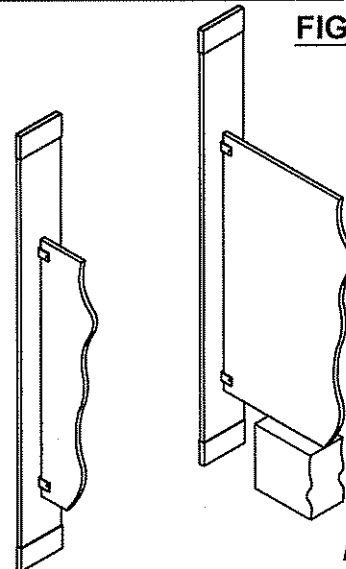
NOTE: STRUCTURAL STEEL BY OTHERS

- A. Thread support nuts and mounting washers over threaded rods at ceiling to support pilaster mounting bar.
- B. Lift pilaster over floor anchors and set in place.
- C. Position pilaster and mounting bar on anchors at floor 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 using through bolts.
- C. Establish door openings by setting pilaster mounting bars to desired position.
- D. Tighten locking nuts on top and bottom of pilaster mounting bar.
- E. Fasten panel to wall brackets using through bolts.
- F. Secure four piece shoes to pilaster.
- G. Remove panel support device.



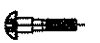





**FIGURE 6**

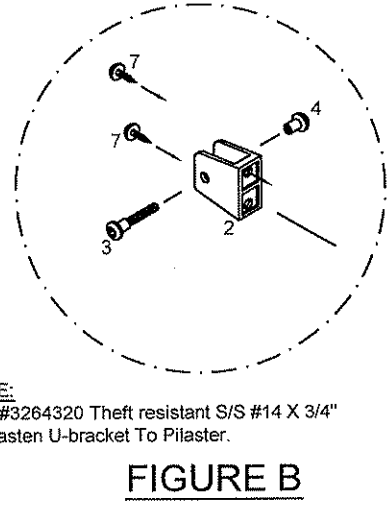
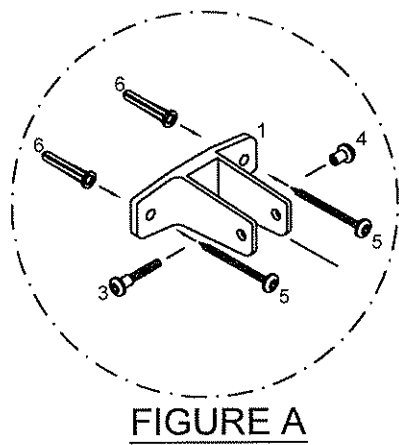
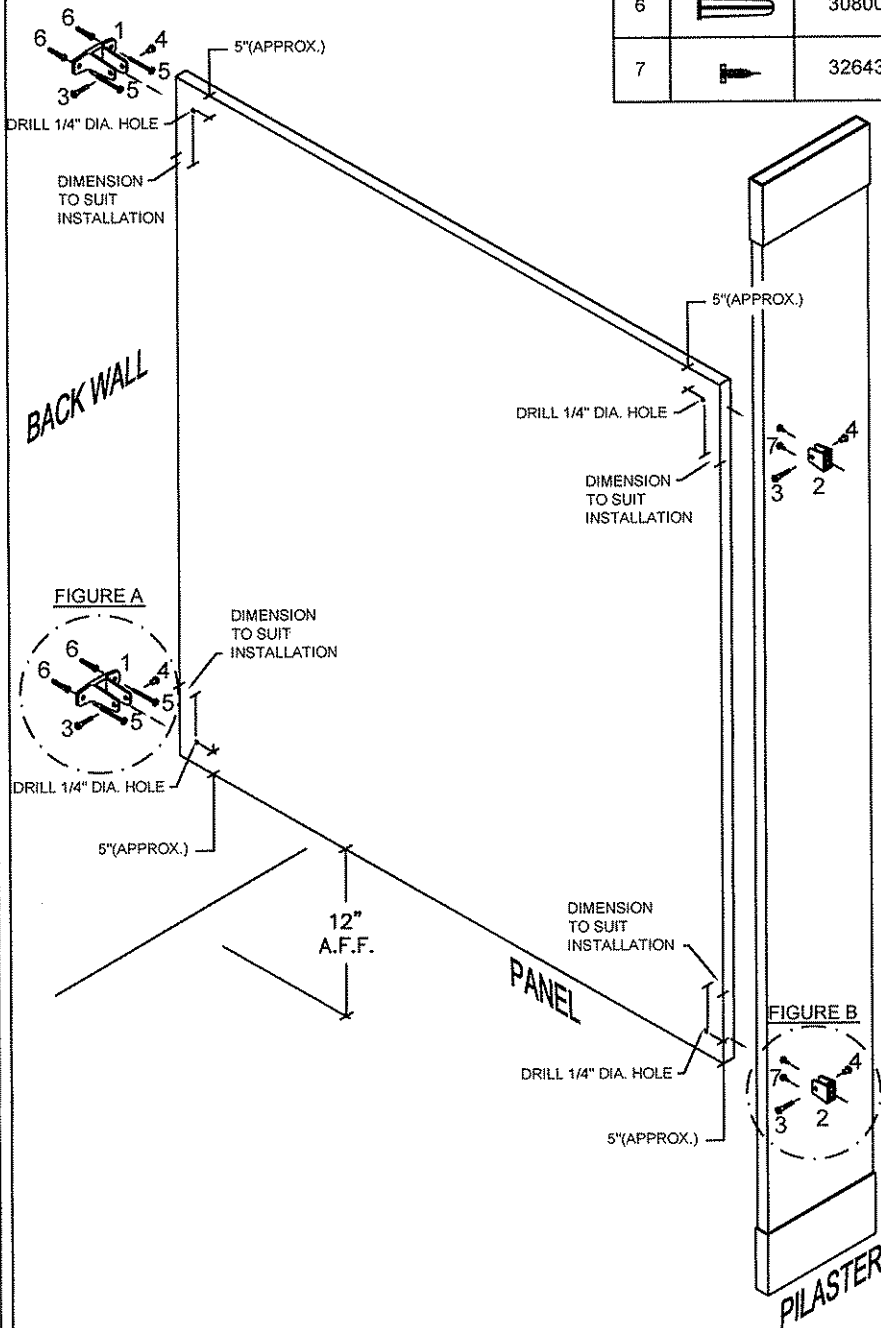
**FLOOR ANCHORED/CEILING ANCHORED  
PANEL TO PILASTER/WALL  
TWO EAR ASSEMBLY  
PHENOLIC**

Pilasters must be both plumb and level.  
Refer to steps 4 & 6.

A. Plumb panel and 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 8275020) Includes: STAINLESS STEEL		
PART ID.	DESCRIPTION	QTY
1	 2271750 Two Ear Bracket	(2)
2	 2271910 "U" Bracket	(2)
3	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
4	 3260490 Theft Resistant S/S Barrel Nut	(4)
5	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
6	 3080000 Plastic Shields	(4)
7	 3264320 Theft Resistant S/S #14 x 3/4" S.M.S	(4)










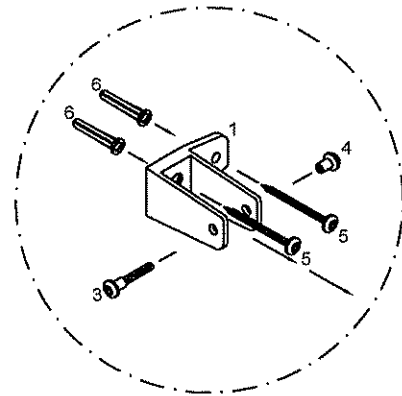
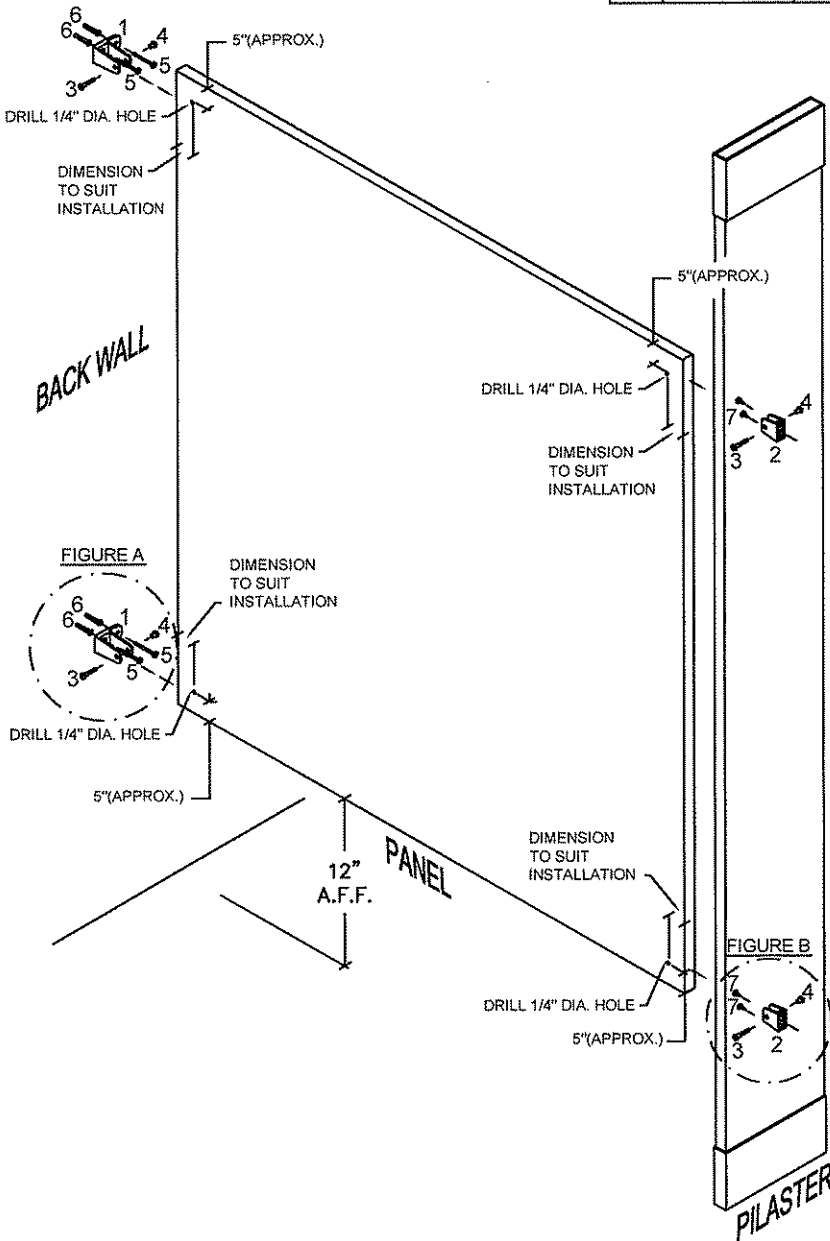
**NOTE:**  
Two #3264320 Theft resistant S/S #14 X 3/4"  
To Fasten U-bracket To Pilaster.

**FLOOR ANCHORED/CEILING ANCHORED  
 PANEL TO PILASTER/WALL  
 ONE EAR ASSEMBLY  
 PHENOLIC**

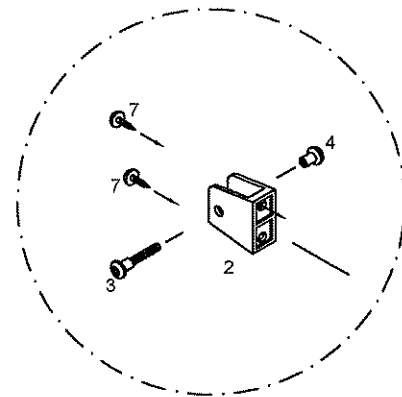
Pilasters must be both plumb and level.  
 Refer to steps 4 & 6.

- 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 or sheet metal screws to "U" brackets.

Panel Hardware Kit (P/N 8275010) Includes: STAINLESS STEEL		
PART ID.	DESCRIPTION	QTY
1	 2271760 One Ear Bracket	(2)
2	 2271910 "U" Bracket	(2)
3	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
4	 3260490 Theft Resistant S/S Barrel Nut	(4)
5	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
6	 3080000 Plastic Shields	(4)
7	 3264320 Theft Resistant S/S #14 x 3/4" S.M.S	(4)



**FIGURE A**



**FIGURE B**







**NOTE:**  
 Two #3264320 Theft resistant S/S #14 X 3/4"  
 To Fasten U-bracket To Pilaster.

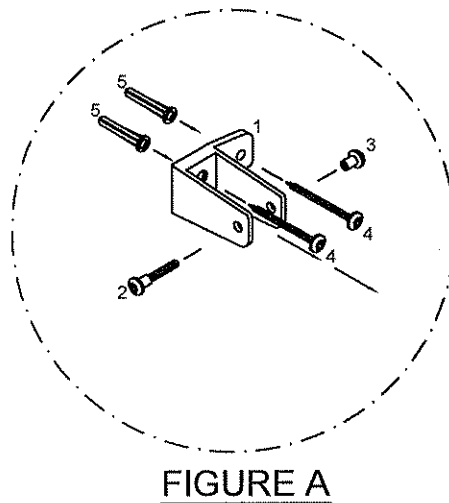
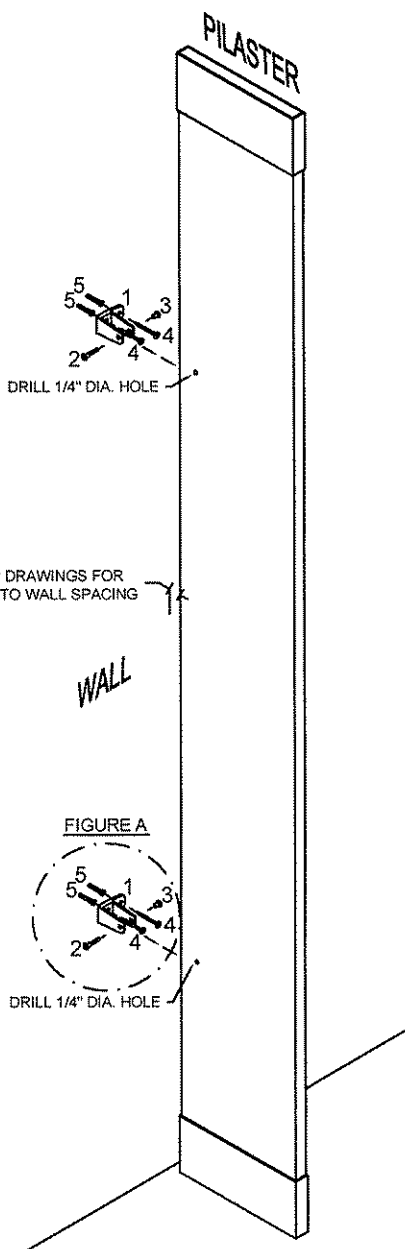
**FLOOR ANCHORED/CEILING ANCHORED  
PILASTER/WALL  
ASSEMBLY  
PHENOLIC**

Pilasters must be both plumb and level.

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











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

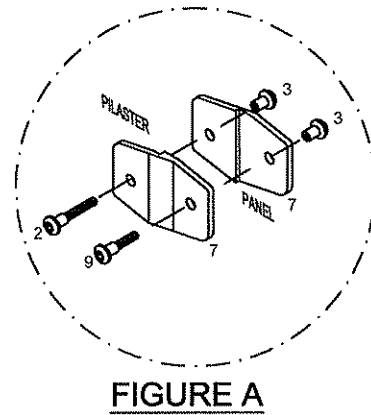
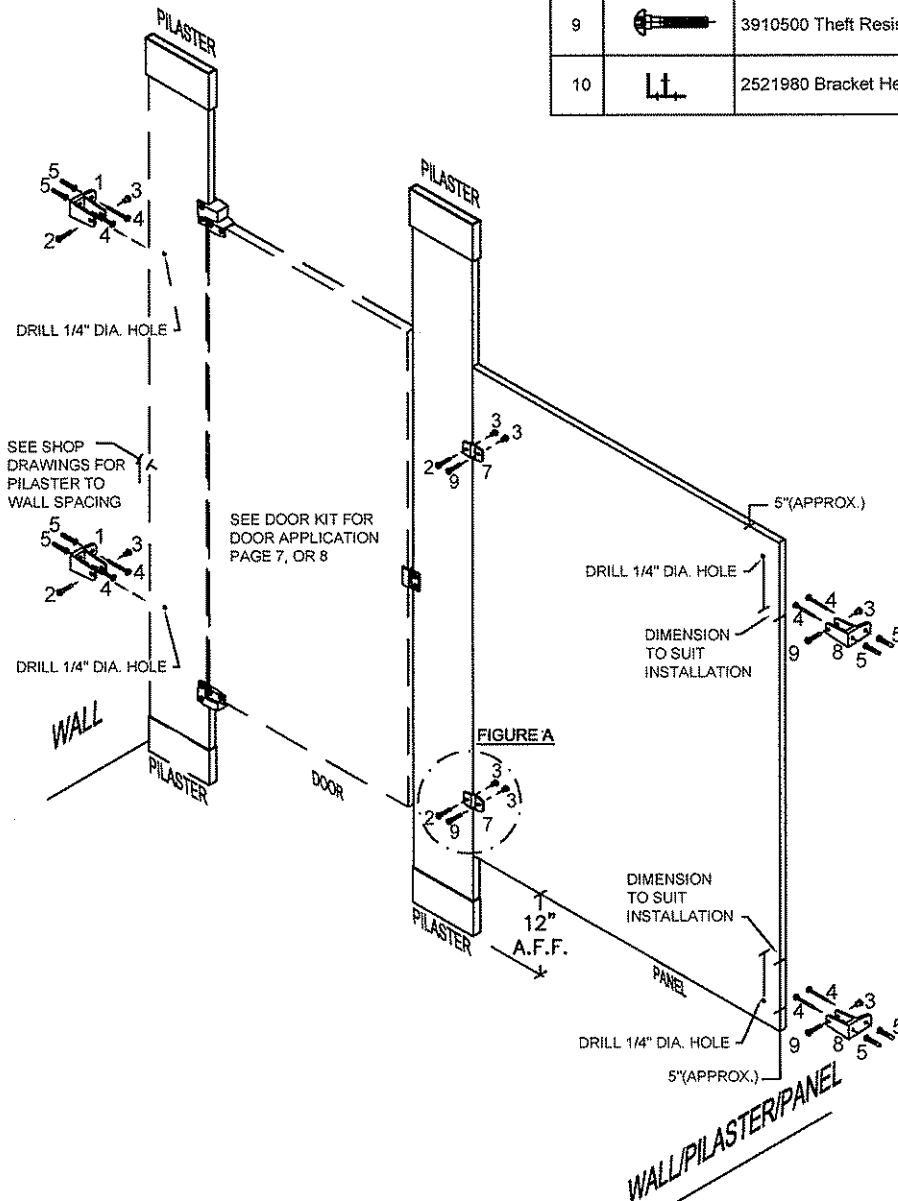
PART ID.	DESCRIPTION	QTY
1	 2271740 S/S One Ear Wall Bracket	(2)
2	 3260750 Theft Resistant S/S Step Bolts 3/4" Long	(2)
3	 3260590 Theft Resistant S/S Barrel Nut	(6)
4	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(4)
5	 3080000 Plastic Shields	(4)
6	 3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)



**FLOOR ANCHORED AND  
CEILING ANCHORED  
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	 2271740 3/4 in One Ear Wall Bracket	(2)
2	 3260750 Theft Resistant S/S Step Bolts 3/4" Long	(4)
3	 3260490 Theft Resistant S/S Barrel Nut	(4)
4	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(10)
5	 3080000 Plastic Shields	(10)
6	 3264320 Theft Resistant S/S 3/4" long	(3)
7	 2278340 Alcove Clip	(4)
8	 2271760 1/2 in One Ear Wall Bracket	(2)
9	 3910500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
10	 2521980 Bracket Headrail Satin "F" Zamac(not required for FTC)	(1)

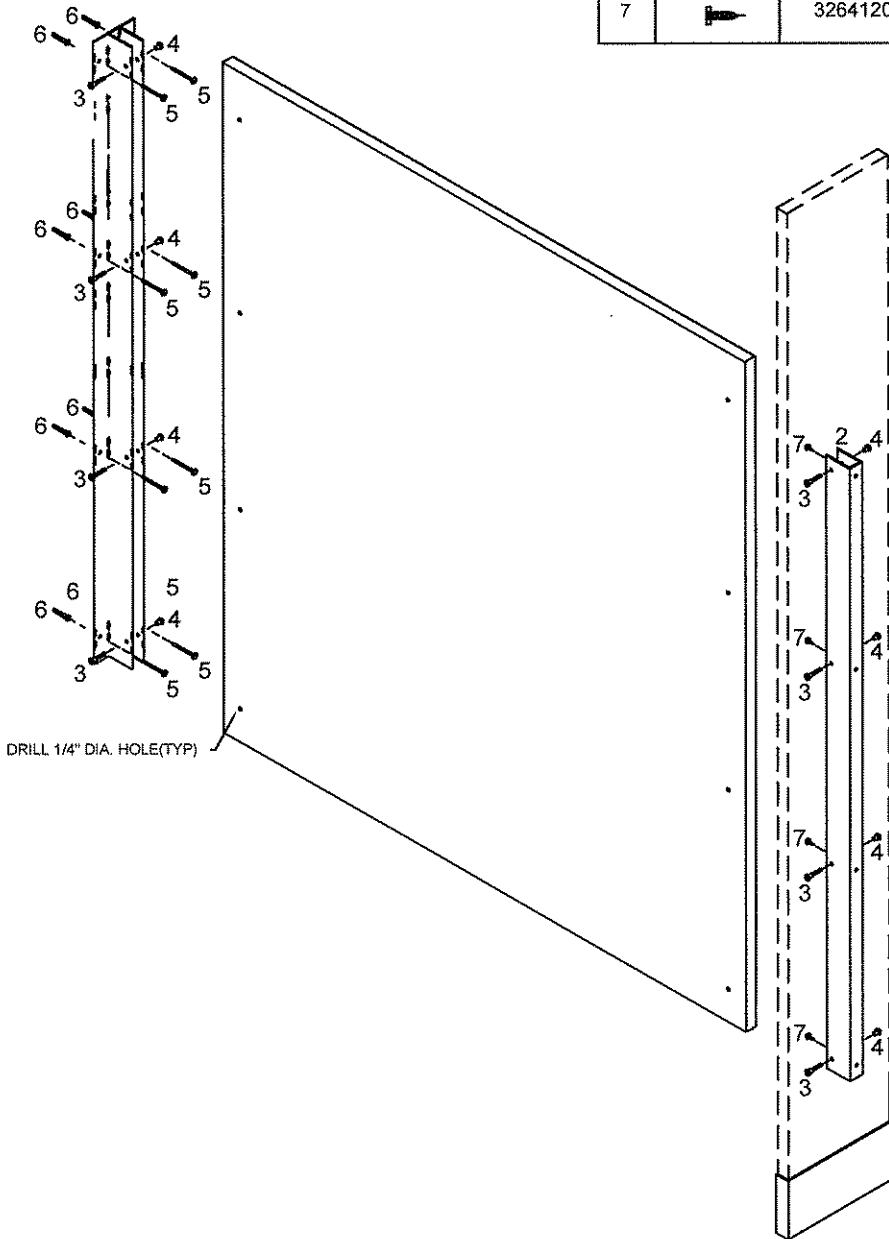











**FULL HEIGHT  
PANEL TO PILASTER/WALL  
TWO EAR ASSEMBLY  
PHENOLIC**

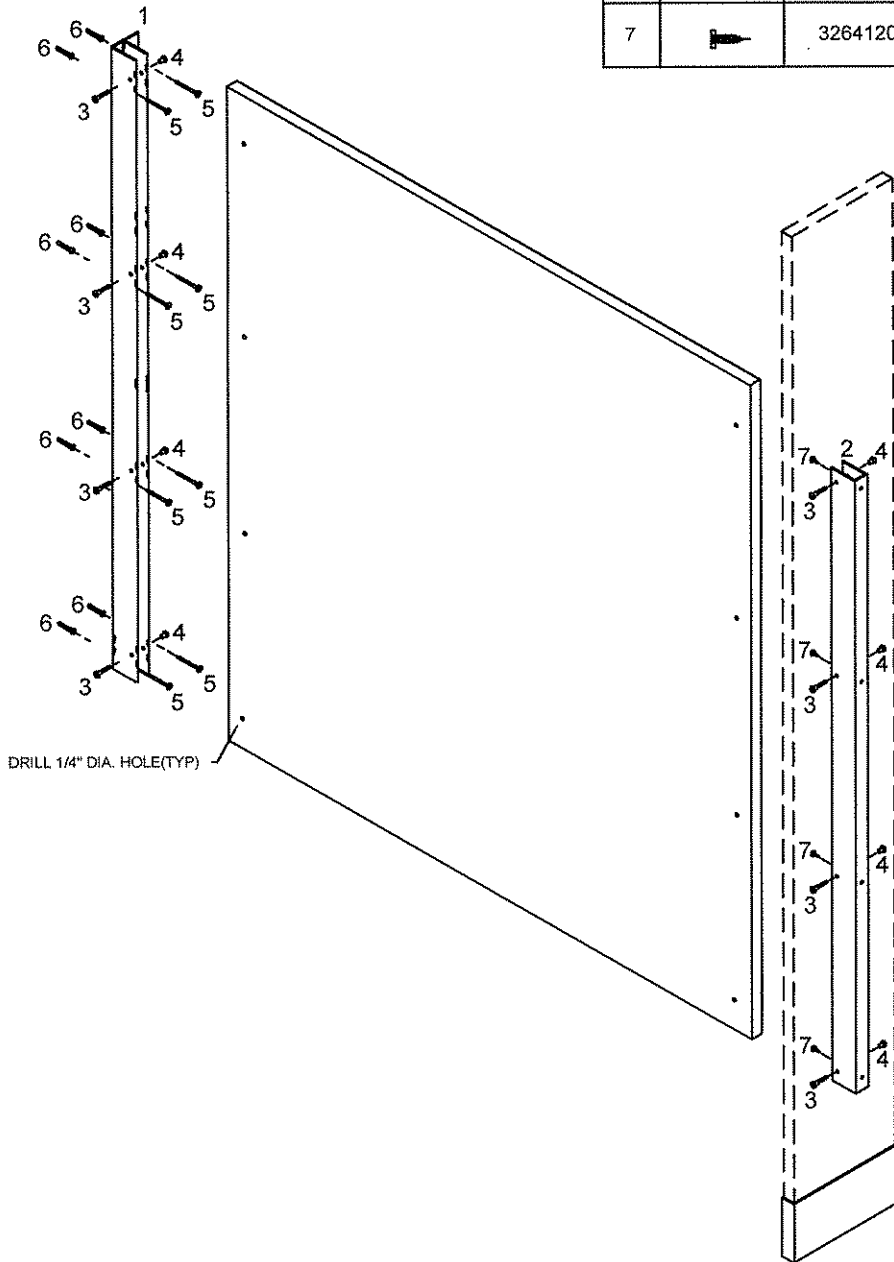
Panel Hardware Kit (P/N 8276020) Includes:  
STAINLESS STEEL FULL HEIGHT

PART ID.	DESCRIPTION	QTY
1	 5272750 Two Ear Bracket	(1)
2	 5279540 "U" Bracket	(1)
3	 3260600 Theft Resistant S/S Step Bolts 1" Long	(12)
4	 3260690 Theft Resistant S/S Barrel Nut	(12)
5	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(12)
6	 3080000 Plastic Shields	(12)
7	 3264120 Theft Resistant S/S #14 x 5/8" S.M.S	(12)









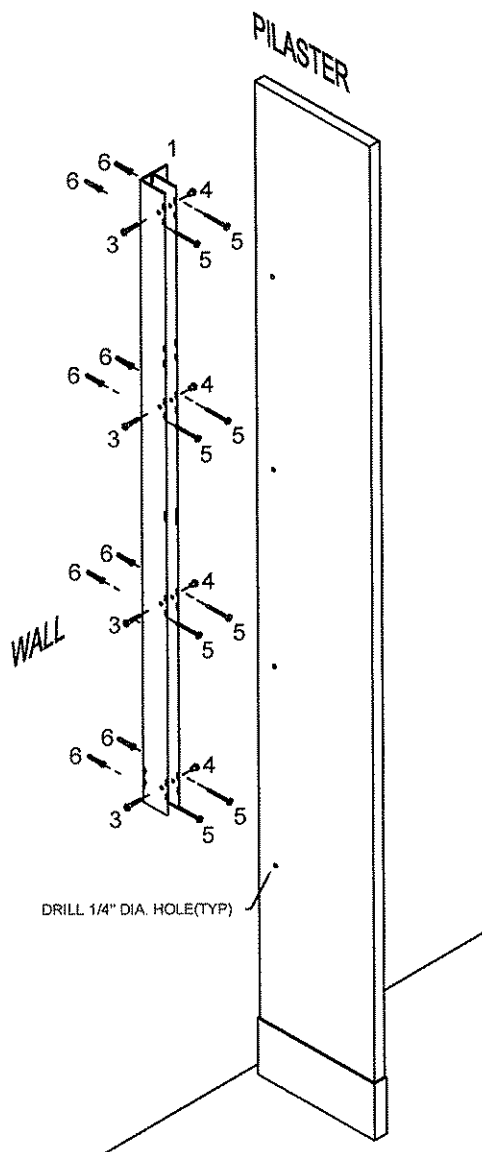
**FULL HEIGHT  
PANEL TO PILASTER/WALL  
ONE EAR ASSEMBLY  
PHENOLIC**

Panel Hardware Kit (P/N 8276010) Includes: STAINLESS STEEL FULL HEIGHT		
PART ID.	DESCRIPTION	QTY
1	 5272760 One Ear Bracket	(1)
2	 5279540 "U" Bracket	(1)
3	 3260600 Theft Resistant S/S Step Bolts 1" Long	(12)
4	 3260690 Theft Resistant S/S Barrel Nut	(12)
5	 3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(12)
6	 3080000 Plastic Shields	(12)
7	 3264120 Theft Resistant S/S #14 x 5/8" S.M.S	(12)



**FULL HEIGHT  
PILASTER/WALL  
ASSEMBLY  
PHENOLIC**






Pilaster/Wall Hardware Kit (P/N 8276210) Includes: STAINLESS STEEL FULL HEIGHT			
PART ID.		DESCRIPTION	QTY
1		5271840 One Ear Wall Bracket	(2)
2		3280700 Theft Resistant S/S Step Bolts 1 1/4" Long	(6)
3		3260690 Theft Resistant S/S Barrel Nut	(6)
4		3280450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(12)
5		3080000 Plastic Shields	(12)
6		3264120 Theft Resistant S/S #14 x 5/8" S.M.S	(8)





**URINAL SCREEN FULL HEIGHT  
ASSEMBLY  
PHENOLIC**

- 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, 12" above the floor.
- D. Set it into wall bracket and fasten urinal screen at this time.

Urinal Screen Hardware Kit (P/N 8279000) Includes: STAINLESS STEEL FULL HEIGHT			
PART ID.		DESCRIPTION	QTY
1		5279000 38" Long Two Ear Wall U/S Bracket	(1)
2		3260450 Theft Resistant S/S #14 x 2 1/2" S.M.S	(8)
3		3080000 Plastic Shields	(8)
4		3260500 Theft Resistant S/S Step Bolts 1/2" Long	(4)
5		3260490 Theft Resistant S/S Barrel Nut 3/8" long	(4)

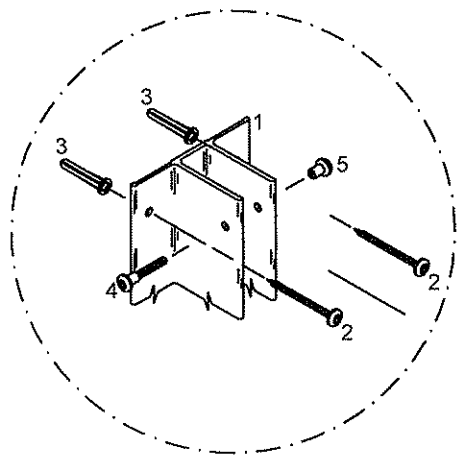
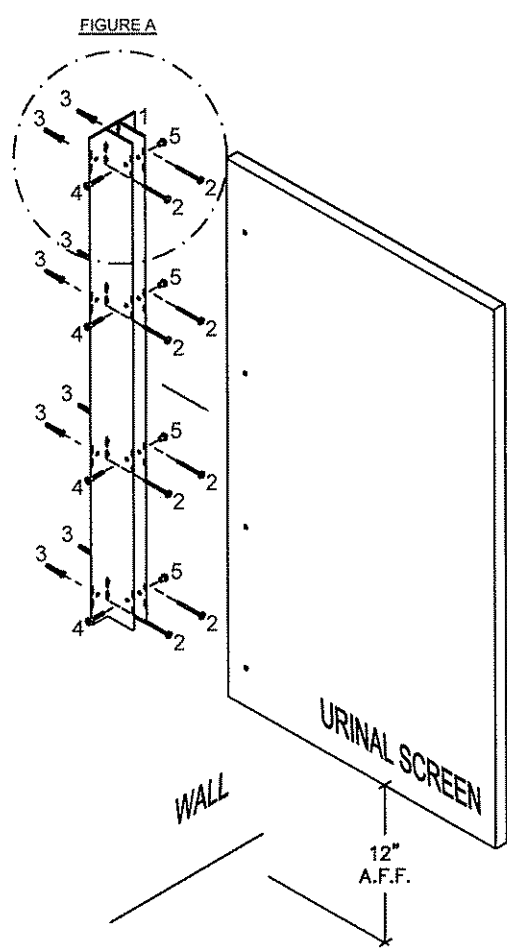


FIGURE A

## 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 high humidity areas, the rooms must be properly ventilated.
- C. "Hosing down" or wet washing of these units may cause water 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