

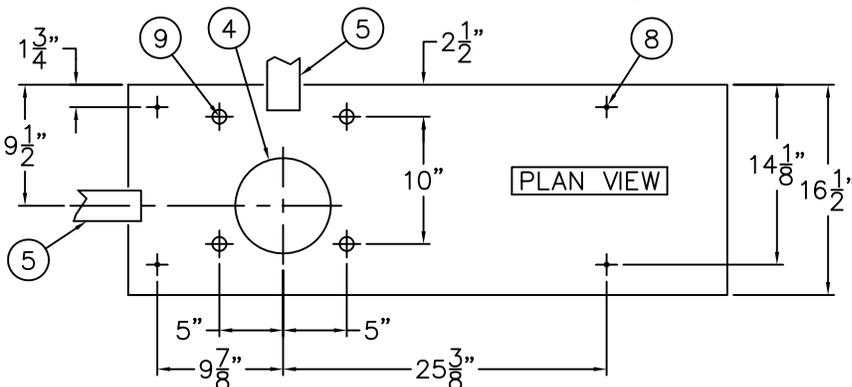
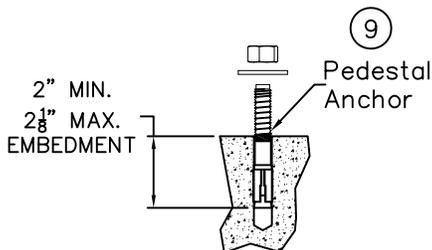
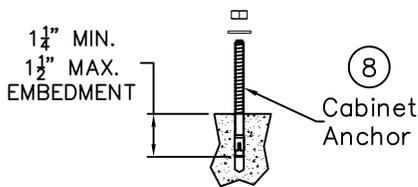
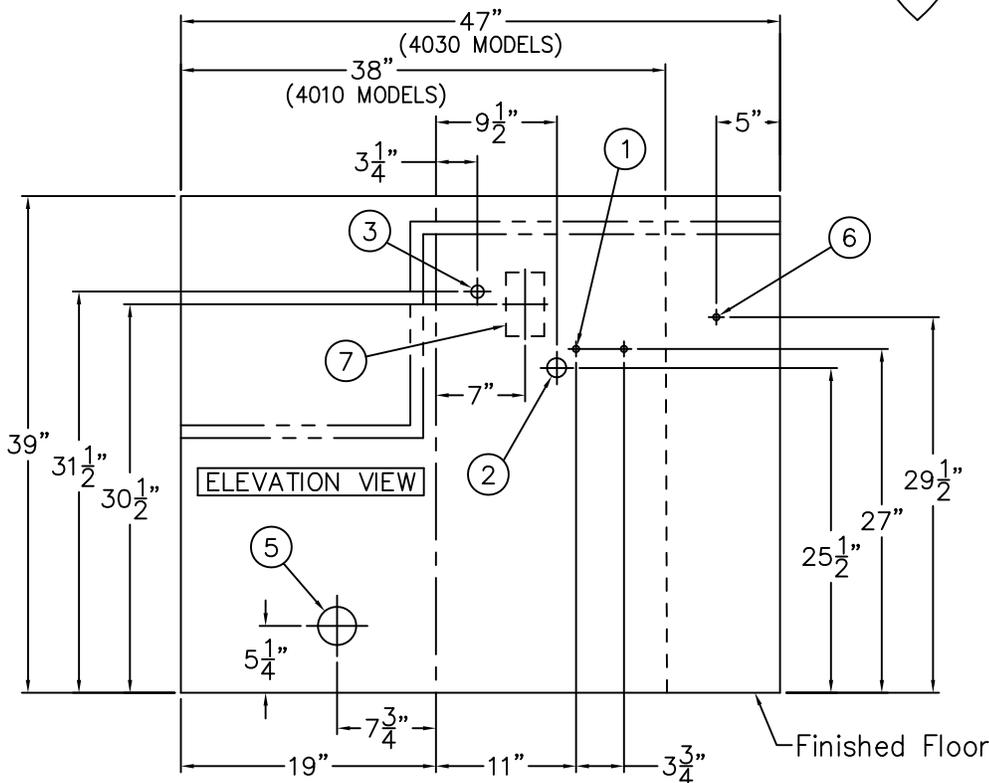


REFERENCE DRAWINGS	
ASSEMBLIES	NUMBER
-FCI OPTION	9915-008-001
-VF OPTION	9915-002-002
GENERAL INSTALLATION	9915-006-002

**NOTE:** CLEAR OPENING FOR ALCOVE UNITS IS FIXTURE WIDTH PLUS 1/16" ON EACH SIDE.

**NOTE:** LAVATORY ROUGH-IN DIMENSIONS REMAIN THE SAME REGARDLESS OF COUNTERTOP OR BOWL MATERIAL.

**NOTE:** FLOORS AND WALLS MUST BE STRAIGHT AND PLUMB / SQUARE IN ORDER TO PREVENT DEFORMATION OF CABINET AND MALFUNCTION OF TOILET ASSEMBLY.



A- ROUGH-IN FOR THE FOLLOWING PLUMBING CONNECTIONS:

- 3/8" ① NCT LAV VALVE SUPPLY
  - 1-1/2" OD TUBE ② LAV WASTE OUTLET
  - 1" NPT ③ FLUSH VALVE INLET
  - FLOOR OUTLET 7-1/2" RECESSED GASKET SEAT ④ FLOOR WASTE OUTLET MODELS.
  - 3" IPS ⑤ BACK OR SIDE WASTE OUTLET
  - 1/2" NPTE ⑥ BEDPAN INLET FROM VACUUM BREAKER BY OTHERS; ACORN RECOMMENDS A PRESSURE TYPE VACUUM BREAKER FOR BACKFLOW PREVENTION. FOLLOW LOCAL CODES FOR INSTALLATION OF BACKFLOW PREVENTION DEVICE.
  - -SO OPTION: 110VAC ELECTRICAL RECEPTACLE FOR ⑦ 24VAC PLUG-IN TRANSFORMER.
- NOTE: RECEPTACLE SHOULD BE A GFI PROTECTED CIRCUIT.

B- LAYOUT ANCHOR PATTERN ON FLOOR AND DRILL:

- CABINET ANCHORS ⑧ (4) DRILL HOLES 1-5/8" DEEP MINIMUM X 1/4" DIAMETER.

**ROUGH-IN SHOWN FOR L.H. MODEL / R.H. MODEL IS OPPOSITE**

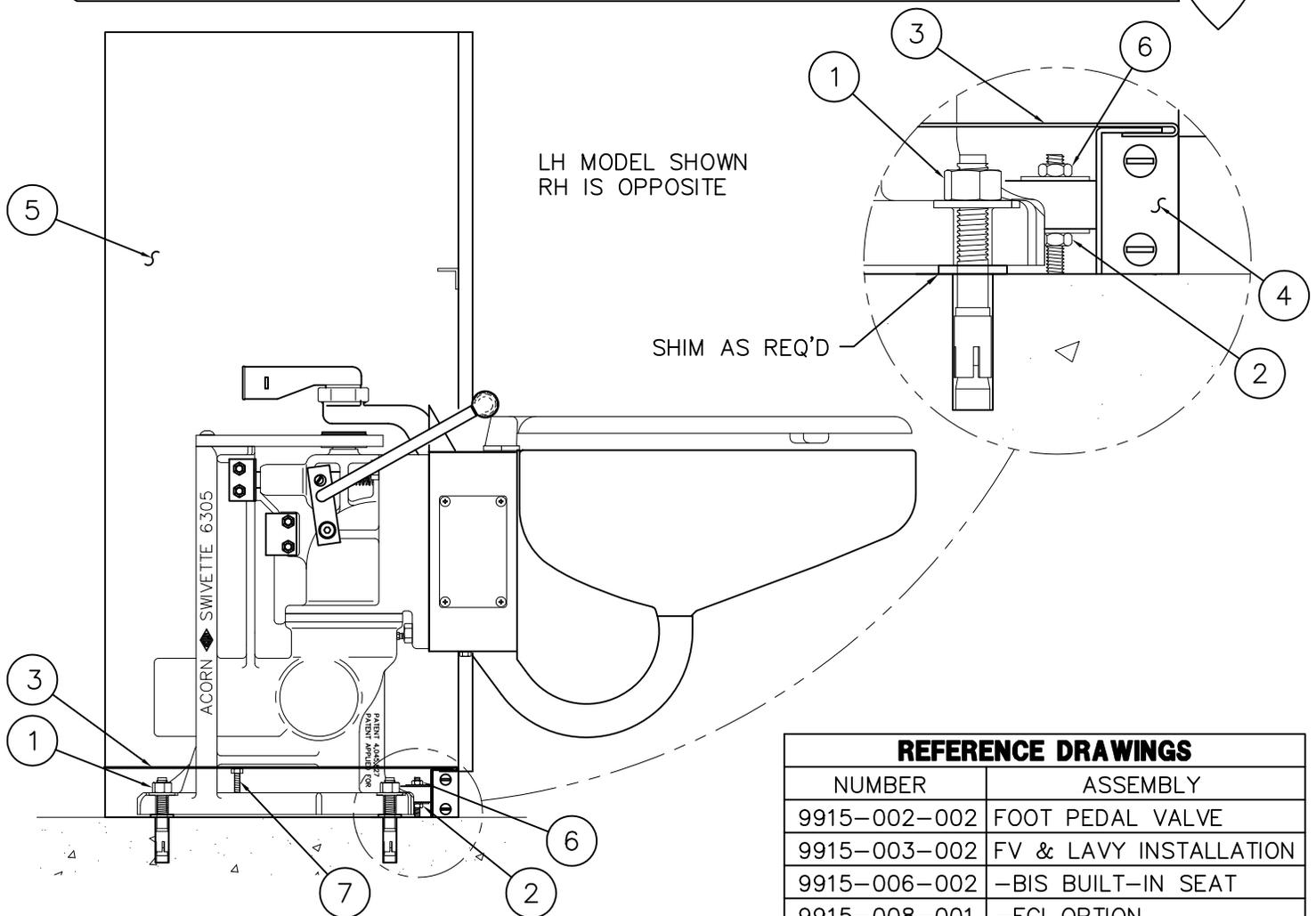
- PEDESTAL ANCHORS ⑨ (4) DRILL HOLES 2-5/8" DEEP MINIMUM X 1/2" DIAMETER.

NOTE: 1/2" UNC STUDS, NUTS, WASHERS OR ANGLE IRON BY OTHERS IS RECOMMENDED TO SECURE PEDESTAL TO FLOOR IF SLAB IS LESS THAN 4" THICK AND/OR RATED STRENGTH IS LESS THAN 3000 LBS PSI.

- C- INSTALL PEDESTAL ANCHORS ⑨ USING A HAMMER DRIVE ANCHORS UNTIL THEY ARE EMBEDDED A MINIMUM OF 2" INTO THE FLOOR.
- D- INSTALL CABINET ANCHORS ⑧ USING A HAMMER DRIVE ANCHORS UNTIL THEY ARE EMBEDDED A MINIMUM OF 1-1/4" INTO THE FLOOR.
- E- FOR FURTHER ASSEMBLY INSTRUCTIONS PROCEED TO DRAWING #9915-001-001.

WHITEHALL MANUFACTURING  
P.O. BOX 3527 Industry, CA 91744  
15125 Proctor Ave Industry, CA 91746  
(626) 968-6681 FAX (626) 855-4862

TITLE <b>SWIVETTE ANCHORING AND ROUGH-IN - MODEL #4010/4030 -BIS</b>		
MANUFACTURE DATE	DATE ISSUED	DRAWING NUMBER
<b>OCT. 17, 1997</b>	<b>9/2/97</b>	
<b>TO PRESENT</b>	DATE REVISED	<b>9915-005-003</b>
	<b>10/08/21 H</b>	



**INSTALLATION INSTRUCTIONS:**

A- INSTALL TOILET PEDESTAL ASSEMBLY ONTO PEDESTAL ANCHORS (1). NOTE: DO NOT REUSE ANCHORING HARDWARE FROM SHIPPING PANEL.

**NOTE:**

- ON FLOOR WASTE MODELS CONNECTION MUST BE MADE AT THIS TIME. FIXTURE WASTE OUTLET IS 7-1/2" RECESSED GASKET FLANGE.
- PREPARE BUT DO NOT FINALIZE BACK OR SIDE WASTE CONNECTIONS.

B- LEVEL AND SQUARE TOILET SHIM PEDESTAL AS REQUIRED SEE DETAIL AA. TIGHTEN (4) NUTS. NOTE: PEDESTAL MUST BE SUPPORTED AT ALL (4) CORNERS.

C- FINALIZE WASTE CONNECTIONS.

D- INSTALL CABINET MOUNTING STUDS, LOWER NUT AND WASHER (2) (4) PLACES (SEE DETAIL AA). REMOVE CABINET FLOOR PANELS (3) AND TOE SPACE ANGLE (4). PLACE CABINET (5) ONTO MOUNTING STUDS.

E- IF FOOT OPERATED VALVE: PROCEED TO DWG INDICATED ABOVE.

F- REINSTALL TOE SIDE ANGLE (4).

**REFERENCE DRAWINGS**

NUMBER	ASSEMBLY
9915-002-002	FOOT PEDAL VALVE
9915-003-002	FV & LAVY INSTALLATION
9915-006-002	-BIS BUILT-IN SEAT
9915-008-001	-FCI OPTION
9915-012-001	SEAT INSTALLATION
REPAIR PARTS	
9980-025-001	LATCHING ASSEMBLY
9980-020-001	WASTE BEARING ASSY

**NOTE:** CABINET FRAME MUST BE STIFFENED AND SQUARED TOE SPACE ANGLE BEFORE BOLTING FRAME TO FLOOR. ACORN WILL NOT ACCEPT RESPONSIBILITY FOR CABINETRY ALIGNMENT IF THIS PROCEDURE IS NOT FOLLOWED.

G- INSTALL UPPER WASHER & MOUNTING NUT (6), HAND TIGHT. LEVEL CABINET BY RAISING LOWER MOUNTING NUTS, HAND TIGHTEN.

H- REINSTALL FLOOR (3) TO CHECK SQUARENESS AND FIT. SHIFT CABINET FRAME AS REQUIRED UNTIL FLOORING FITS SQUARE. LEVEL FLOOR WITH FLOOR LEVELING BOLTS (7), REMOVE FLOORING, TIGHTEN CABINET ANCHORS.

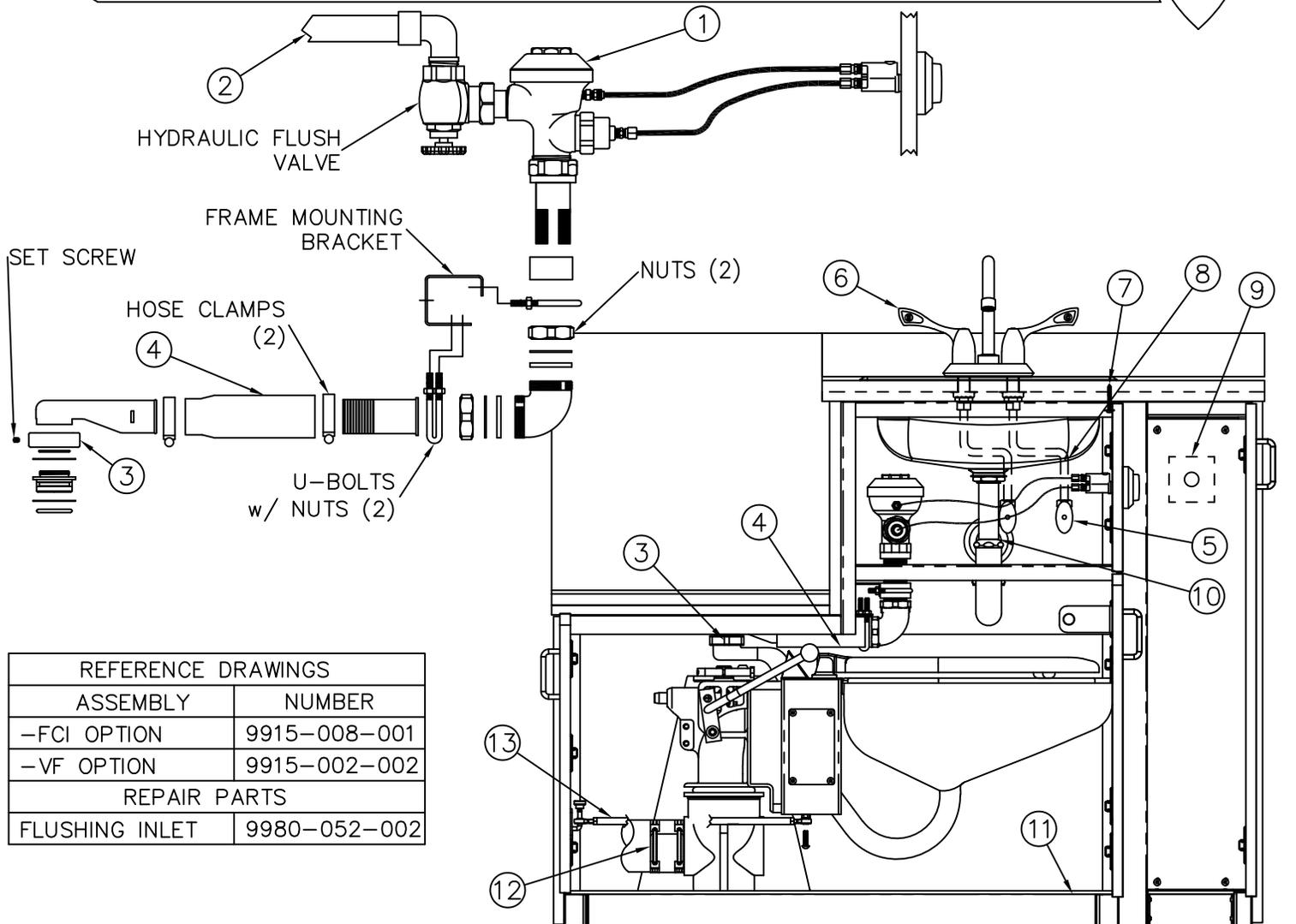
**NOTE:** MAY HAVE TO RE-ALIGN DOORS ON CABINET: LOOSEN SCREWS ON HINGES, ADJUST, & RE-TIGHTEN SCREWS.

I- PROCEED TO FURTHER INSTALLATION DETAILS INDICATED ABOVE.



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TITLE <b>SWIVETTE TOILET PEDESTAL ASSEMBLY - ALL MODELS</b>		
MANUFACTURE DATE	DATE ISSUED	DRAWING NUMBER
<b>MAY 1982</b>	<b>09/01/89</b>	<b>9915-001-001</b>
<b>TO PRESENT</b>	DATE REVISED <b>11/08/13 E</b>	



REFERENCE DRAWINGS	
ASSEMBLY	NUMBER
-FCI OPTION	9915-008-001
-VF OPTION	9915-002-002
REPAIR PARTS	
FLUSHING INLET	9980-052-002

**INSTALLATION INSTRUCTION :**

- A- INSTALL FLUSH VALVE ① TO FRAME AND CONNECT FLUSH VALVE SUPPLY ② BY OTHERS.
- B- SWIVEL INLET ASSEMBLY ③ IS LUBRICATED AND ADJUSTED, CHECK SWIVEL ACTION PRIOR TO INSTALLING HOSE ④ BETWEEN FLUSH VALVE AND SWIVEL INLET. TIGHTEN.
- C- INSTALL ANGLE STOPS ⑤ BY OTHERS TO LAVY STUB OUTS.
- D- INSTALL GOOSENECK OR DECK MOUNTED FAUCET ⑥ TO COUNTERTOP.
- E- INSTALL COUNTERTOP ⑦ WITH 4 SCREWS PROVIDED. CAULK TO WALL.
- F- CONNECT HOT AND COLD SUPPLY RISERS ⑧ BY OTHERS TO ANGLE STOPS ⑤ AND FAUCET ⑥.  
\* FOOT PEDAL OPERATED MODELS CONNECT FAUCET TO VALVE WITH FLEXIBLE RISER TUBING PROVIDED. REFER TO DRAWING 9915-002-002.
- G- MAKE UP CONNECTIONS TO 1/2" NPTE BED PAN WASHER INLET ⑨. REFER TO LOCAL CODES.

- H- INSTALL LAVATORY WASTE ASSEMBLY ⑩ .
- I- RE-INSTALL FLOORING ⑪ CAULK GAP BETWEEN TOILET PEDESTAL AND CABINET WITH WHITE SILICON. DO NOT USE SELF-LEVELING CAULK
- J- IF TOILET WASTE IS SIDE WALL OUTLET MODEL, CONNECT WASTE OUTLET WITH CLAMP TYPE ⑫ COUPLING. INSTALL UPPER AND LOWER SIDE PANELS.
- K- INSTALL TOILET DOOR LINKAGE ⑬ AND ADJUST. DOOR MUST FULLY CLOSE BEFORE TOILET BOWL HITS BACK WALL.

**HYDRAULIC FLUSH VALVE NOTES:**

1. REFER TO DRAWING #9915-008-001 FOR OPTIONAL FLUSH CYCLE INTERRUPT INSTALLATION.
2. FOLLOW MANUFACTURER'S INSTALLATION PROCEDURES FOR YOUR FLUSH VALVE.
3. DO NOT CUT LENGTH OF TUBING PROVIDED.
4. DO NOT TAPE OR FIX TUBING IN A STATIONARY POSITION.

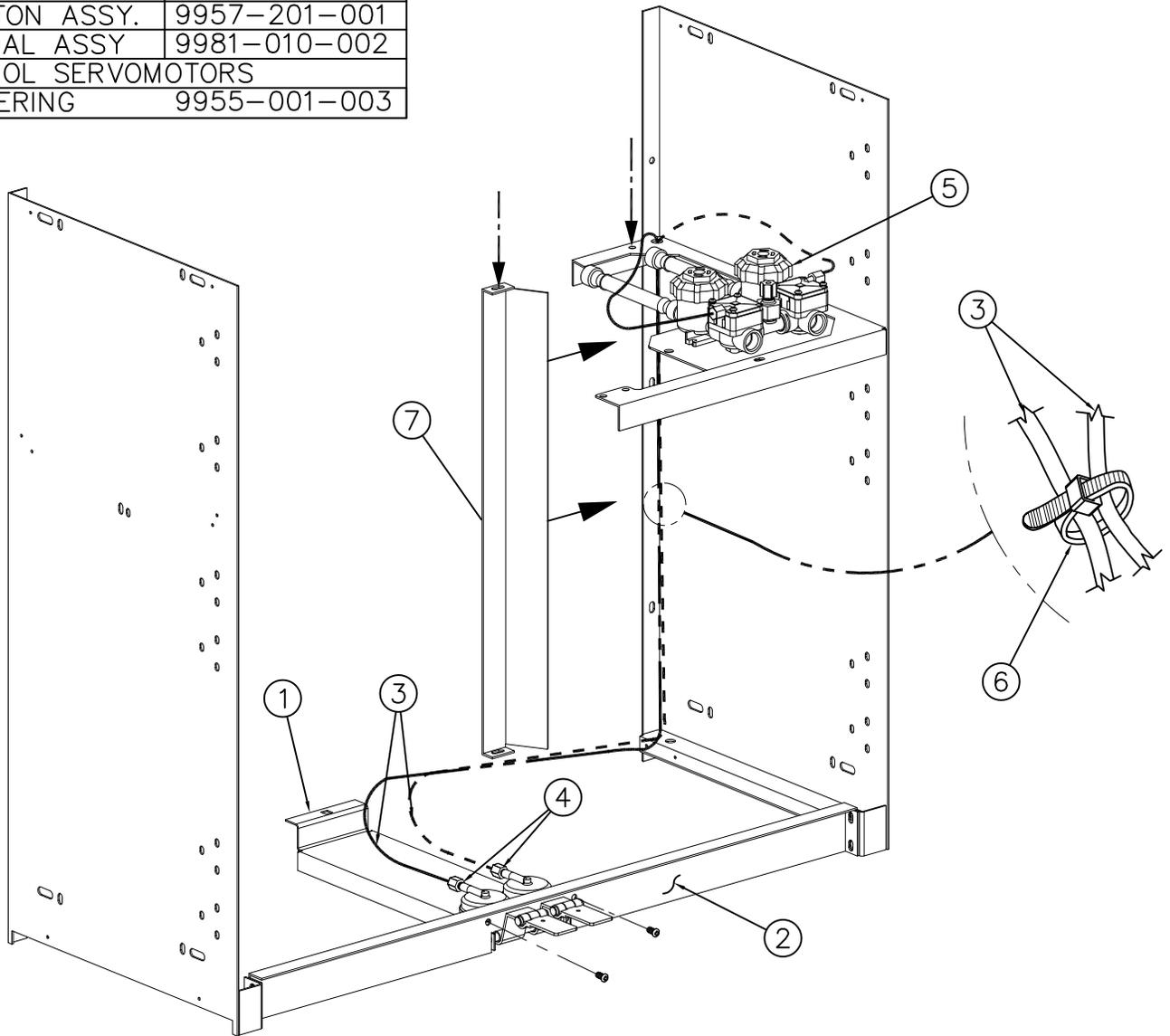
WHITEHALL MANUFACTURING P.O. BOX 3527 Industry, CA 91744 15125 Proctor Ave Industry, CA 91746 (626) 968-6681 FAX (626) 855-4862	TITLE <b>SWIVETTE INSTALLATION INSTRUCTIONS w/ INTEGRAL SEAT -BIS</b>		
	MANUFACTURE DATE <b>OCTOBER 1993</b> <b>TO PRESENT</b>	DATE ISSUED <b>10/20/93</b>	DRAWING NUMBER <b>9915-006-002</b>
		DATE REVISED <b>10/08/21 D</b>	



**REFERENCE DRAWINGS**

ASSEMBLIES	NUMBER
VALVE BODY	9955-005-003
STOPS	9956-040-003
PUSHBUTTON ASSY.	9957-201-001
FOOT PEDAL ASSY	9981-010-002
AIR-TROL SERVOMOTORS	
NON-METERING	9955-001-003

LEFT HAND MODEL SHOWN  
RIGHT HAND MODEL OPPOSITE



**INSTALLATION INSTRUCTIONS:**

- A- ATTACH FOOT PEDAL ASSEMBLY ① TO TOE SPACE ANGLE ② .
- B- RUN 1/8" DIA. AIR LINES ③ FROM FOOT PUSHBUTTONS ④ TO VALVE BODY ⑤ . USE CABLE TIES ⑥ (3) PROVIDED TO KEEP LINES TOGETHER AND STRAIGHT.

C- SLIDE CABLE COVER ⑦ BETWEEN REAR ANGLE AND SIDE OF CABINET. RETURN TO INSTALLATION DWG #9915-001-001 ITEM "F" AND PROCEED WITH CABINET INSTALLATION.

NOTE:

MAXIMUM RECOMMENDED WORKING PRESSURE IS 100 PSI; TEMPERATURE IS 130°F; OUTLET TEMPERATURE IS RECOMMENDED AT A MAXIMUM OF 105°F.

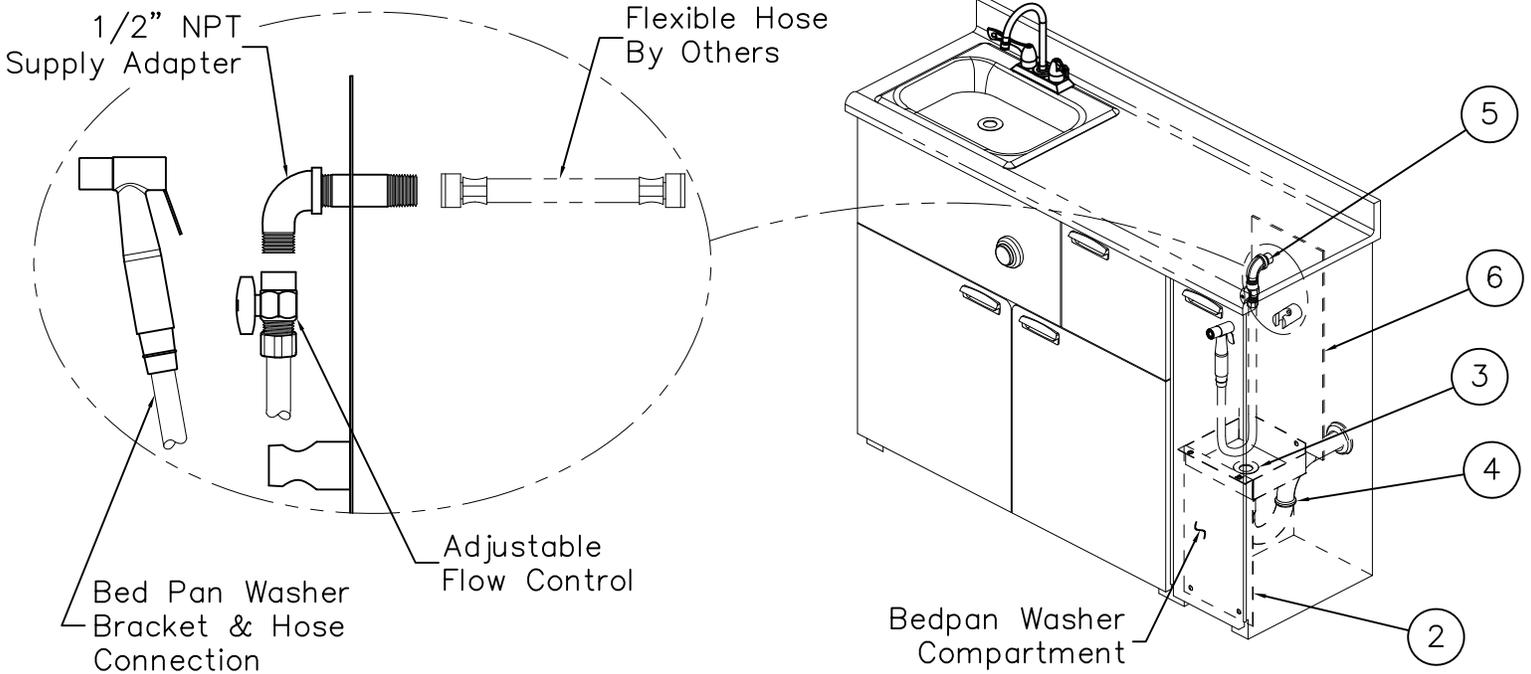
WARNING:

PRIOR TO MAKING INSTALLATION, SUPPLY LINES MUST BE FLUSHED OF ALL FOREIGN MATERIAL SUCH AS PIPE DOPE, CHIPS, ETC. VALVE MUST BE DRAINED PRIOR TO BEING SUBJECTED TO FREEZING TEMPERATURES. MAXIMUM RECOMMENDED OUTLET WATER TEMPERATURE IS 105°F.



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TITLE <b>SWIVETTE FOOT VALVE ASSY (SUFFIX OPTION -VF) ALL MODELS</b>		
MANUFACTURE DATE	DATE ISSUED	DRAWING NUMBER
<b>MAY 1994</b>	<b>05/26/94</b>	<b>9915-002-002</b>
<b>TO PRESENT</b>	DATE REVISED <b>07/14/10</b>	



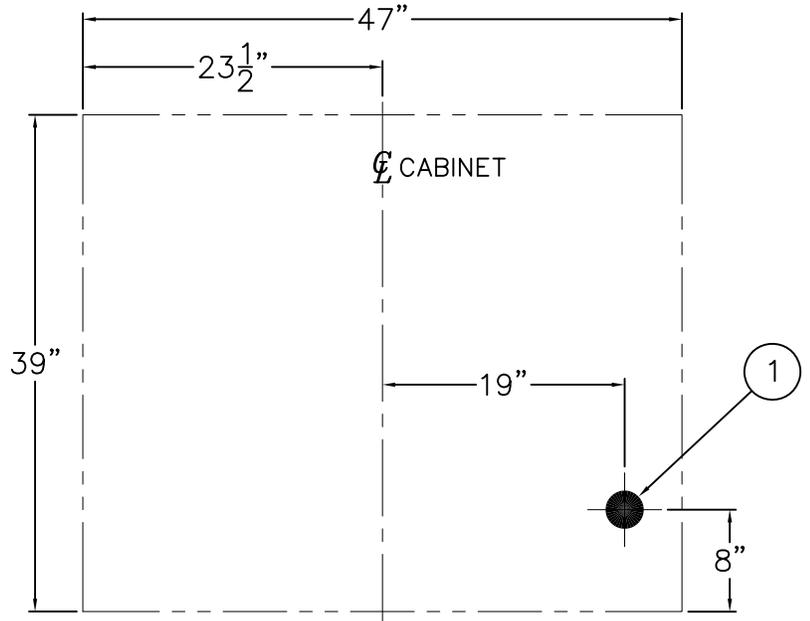
**BED PAN WASHER HEAD ASSEMBLY**

REFERENCE DRAWINGS	
GENERAL INST	9915-003-002
GENERAL INST -BIS	9915-006-002
4030 SERIES	9915-050-003
4030-BIS	9915-005-003
REPAIR PARTS	
BEDPAN WASHER	9981-053-001

**NOTE: INSTALLATION INSTRUCTIONS ARE FOR 4030 AND 4030-BIS MODELS ONLY.**

**INSTALLATION INSTRUCTIONS:**

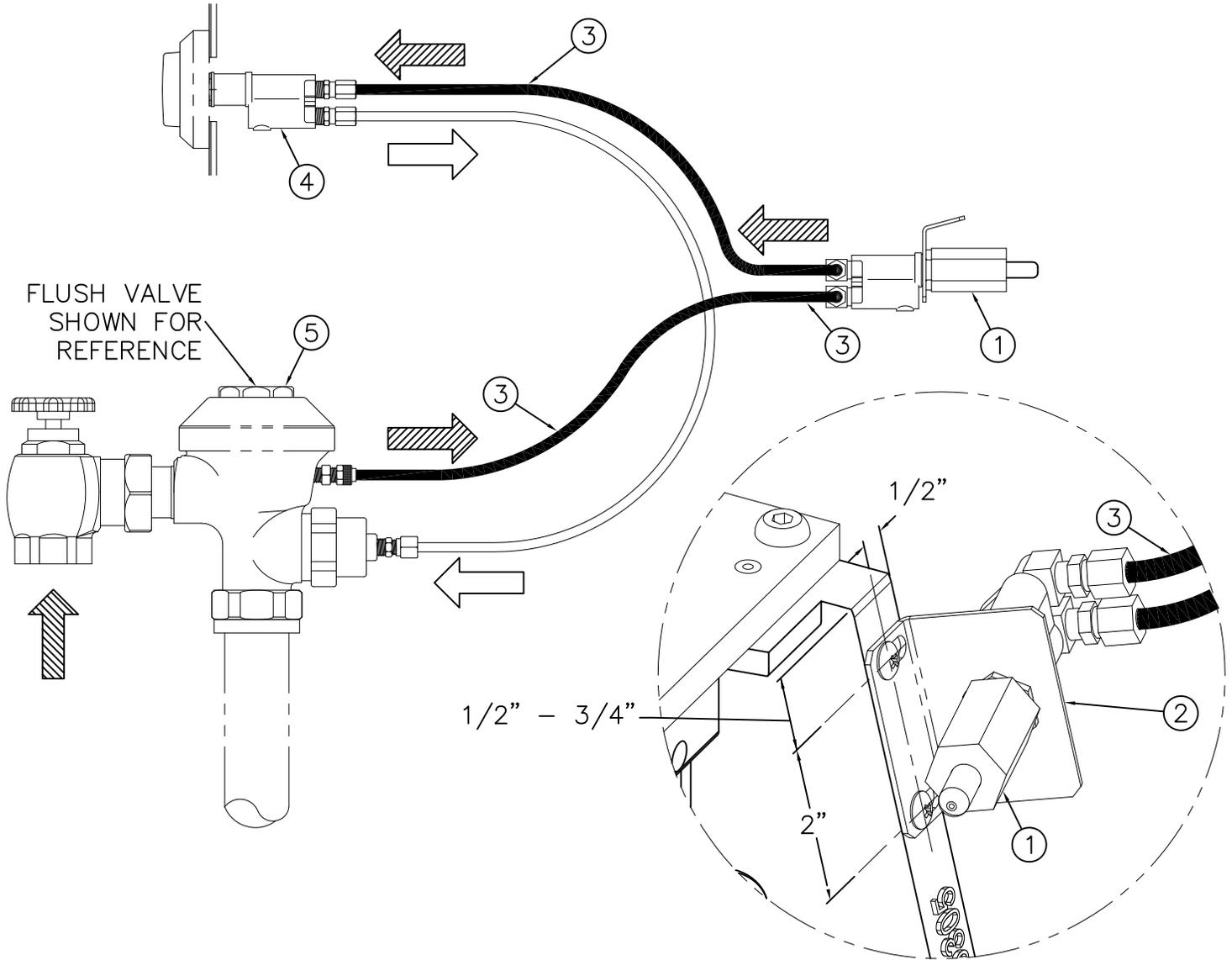
- A-ROUGH-IN FOR BEDPAN WASTE OUTLET ①  
1-1/2" O.D.
- B-REMOVE LOWER FACE PLATE ② TO GAIN ACCESS TO THE DRAIN BOX ③ AND P-TRAP ④ BY OTHERS, BY UNSCREWING THE (4) FASTENERS ON PLATE.



**-BWD ROUGH-IN FOR MODEL WITH RIGHT SIDE BW SHOWN FROM FIXTURE SIDE**

- C- FOR ACCESS TO THE INLET SUPPLY OF THE PAN WASHER ⑤ REMOVE TOP FACE PLATE ⑥ BY UNSCREWING (4) FASTENERS ON PLATE.

WHITEHALL MANUFACTURING P.O. BOX 3527 Industry, CA 91744 15125 Proctor Ave Industry, CA 91746 (626) 968-6681 FAX (626) 855-4862	TITLE <b>SWIVETTE ROUGH-IN WITH -BWD #4030 AND 4030-BIS MODELS</b>		
	MANUFACTURE DATE <b>JULY 1996</b> <b>TO PRESENT</b>	DATE ISSUED <b>03/23/00</b>	DRAWING NUMBER <b>9915-070-001</b>
		DATE REVISED <b>10/13/21 C</b>	



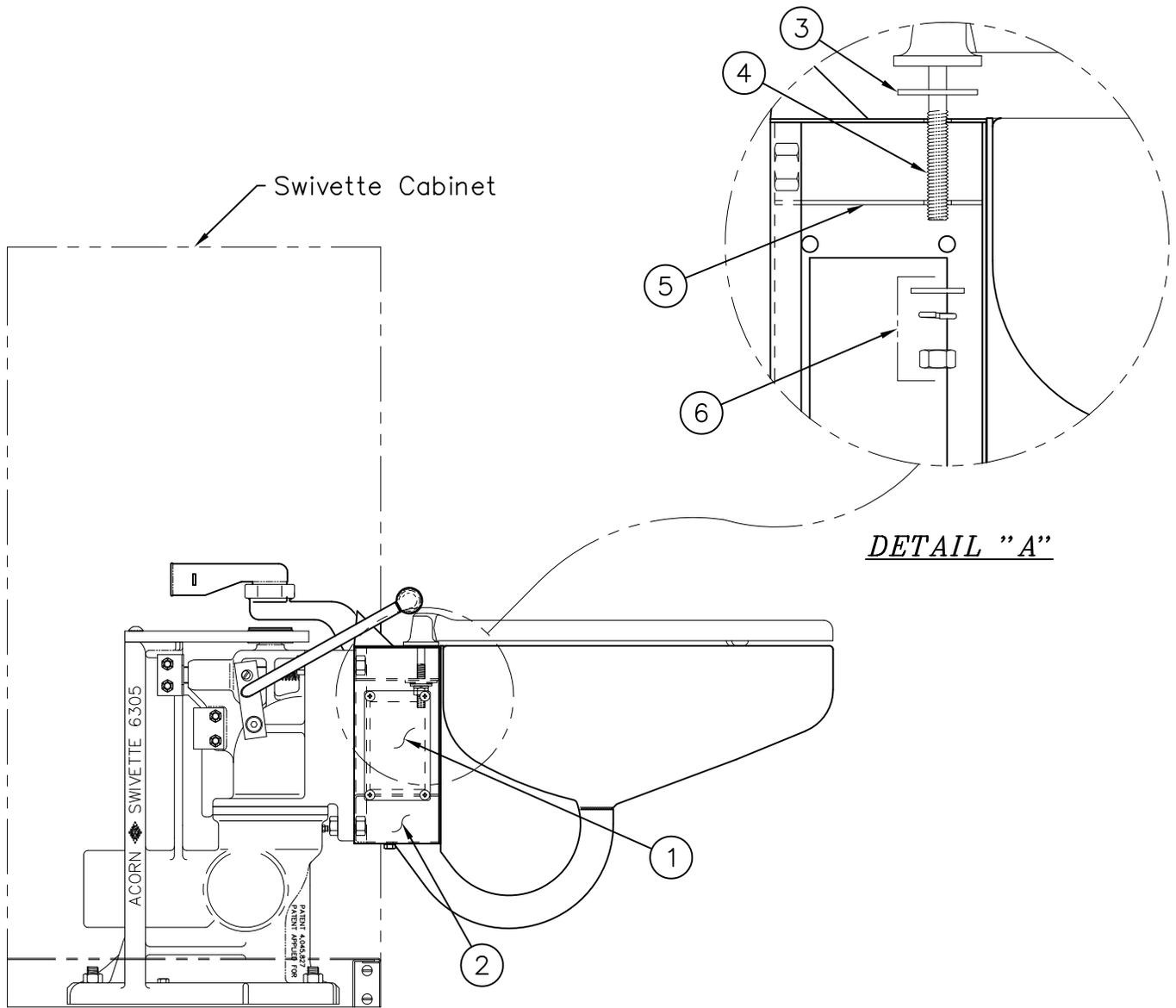
**INSTALLATION INSTRUCTIONS:**

- A- Assemble switch ① to flush valve interrupt bracket ② connect the 1/4 " supply tubing ③ to the appropriate position on the pushbutton assembly ④, connect the 1/4" supply tubing ③ from the flush valve ⑤ to the switch ① and from the switch to the pushbutton ④ using the tubing supplied with your flush valve.
- B- Check the operation of the Flush Valve and -FCI observing for leaks.

-LEFT TOILET SHOWN  
-RIGHT TOILET OPPOSITE

The -FCI Infectious Control Flush Switch option provides a means of disabling the flush valve pushbutton when the toilet is in the "in-use" position. When the fixture is returned to the stowed position, the flush valve pushbutton is again enabled allowing the unit to be flushed normally.

 WHITEHALL MANUFACTURING P.O. BOX 3527 Industry, CA 91744 15125 Proctor Ave Industry, CA 91746 (626) 968-6681 FAX (626) 855-4862	TITLE <b>SWIVETTE -FCI INFECTIOUS CONTROL FLUSH</b>		
	MANUFACTURE DATE <b>JUNE 2007</b> <b>TO PRESENT</b>	DATE ISSUED <b>06/01/07</b> DATE REVISED <b>10/29/12</b>	DRAWING NUMBER <b>9915-008-001</b>



**INSTALLATION INSTRUCTIONS:**

- A- REMOVE ACCESS PANEL (1) FROM BOTH SIDES OF HOUSING (2).
- B- PLACE RUBBER GASKET (3) ONTO SEAT'S THREADED RODS (4).
- C- POSITION SEAT ONTO TOILET HOUSING (2) AND SLIDE SEAT THREADED RODS (4) THROUGH SPACER CHANNEL (5).

- D- ASSEMBLE HARDWARE (6) AS SHOWN IN DETAIL "A".
- E- ENSURE ALL HARDWARE IS TIGHT AND REPLACE ACCESS PANELS (1) TO HOUSING (2).

 WHITEHALL MANUFACTURING P.O. BOX 3527 Industry, CA 91744 15125 Proctor Ave Industry, CA 91746 (626) 968-6681 FAX (626) 855-4862	TITLE <b>SWIVETTE TOILET SEAT REPLACEMENT</b>		
	MANUFACTURE DATE <b>MAY 2009</b> <b>TO PRESENT</b>	DATE ISSUED <b>05/26/09</b>	DRAWING NUMBER <b>9915-012-001</b>
		DATE REVISED <b>07/21/11</b>	