



INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

Care-Ware® Bedside Patient care units

Models: 4020/ 4022 / 4025



TECHNICAL ASSISTANCE TOLL FREE TELEPHONE NUMBER:

1.800.743.8259

Technical Assistance E-mail: Fieldservice@acorneng.com



IMPORTANT

Important: Some options may slightly alter installation. To ensure proper installation review the manual thoroughly and verify rough-ins before beginning any work. File this manual with the owner or maintenance personnel upon completion of installation.

Carefully review Toilet Pedestal Anchoring and rough-in details against site conditions.

These units are not considered “accessible” and do not conform with ADA requirements.

Prior to installation, supply lines must be flushed of all foreign material such as pipe dope, chips, or solder. Debris or foreign material in water supply may damage valve. Teflon tape is recommended on all threaded waste and supply connections to reduce the possibility of leaks.

Toilet requires a minimum of 25 PSI flow pressure and uses a minimum water consumption of 1.28 GPF.

Please refer to the Link or QR code provided.

For Cleaning & Care Guide:

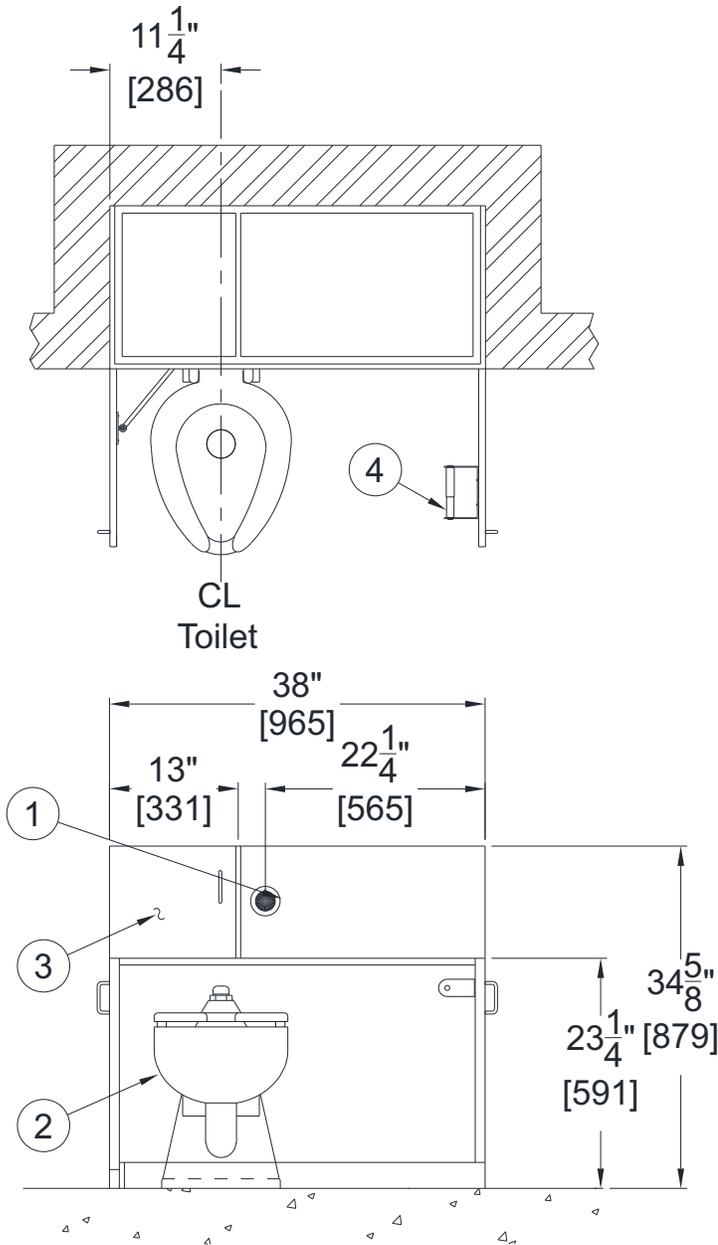
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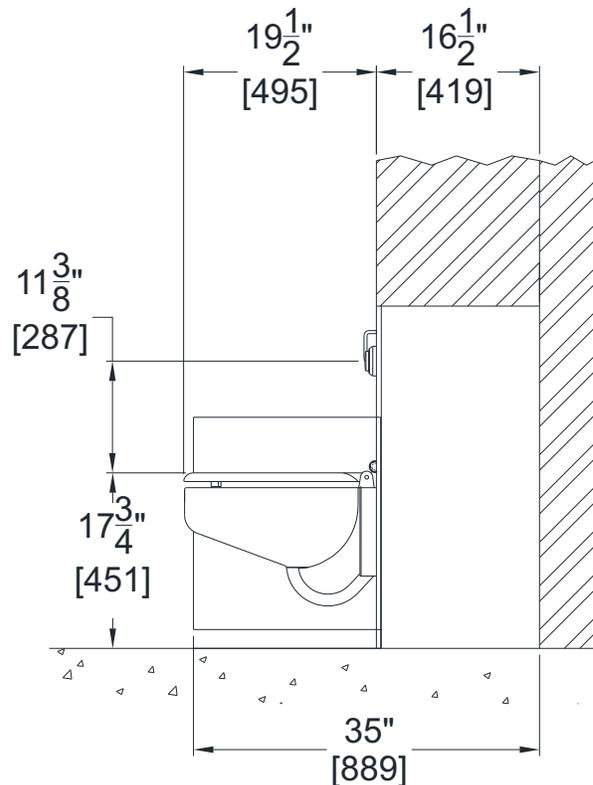
TECHNICAL DIMENSIONS

Models 4020 /4022/ 4025



NOTES:

1. Hydraulic Flush Valve Pushbutton
2. Stainless Steel Toilet with Hinged Seat
3. Storage Compartment
4. Toilet Tissue Holder

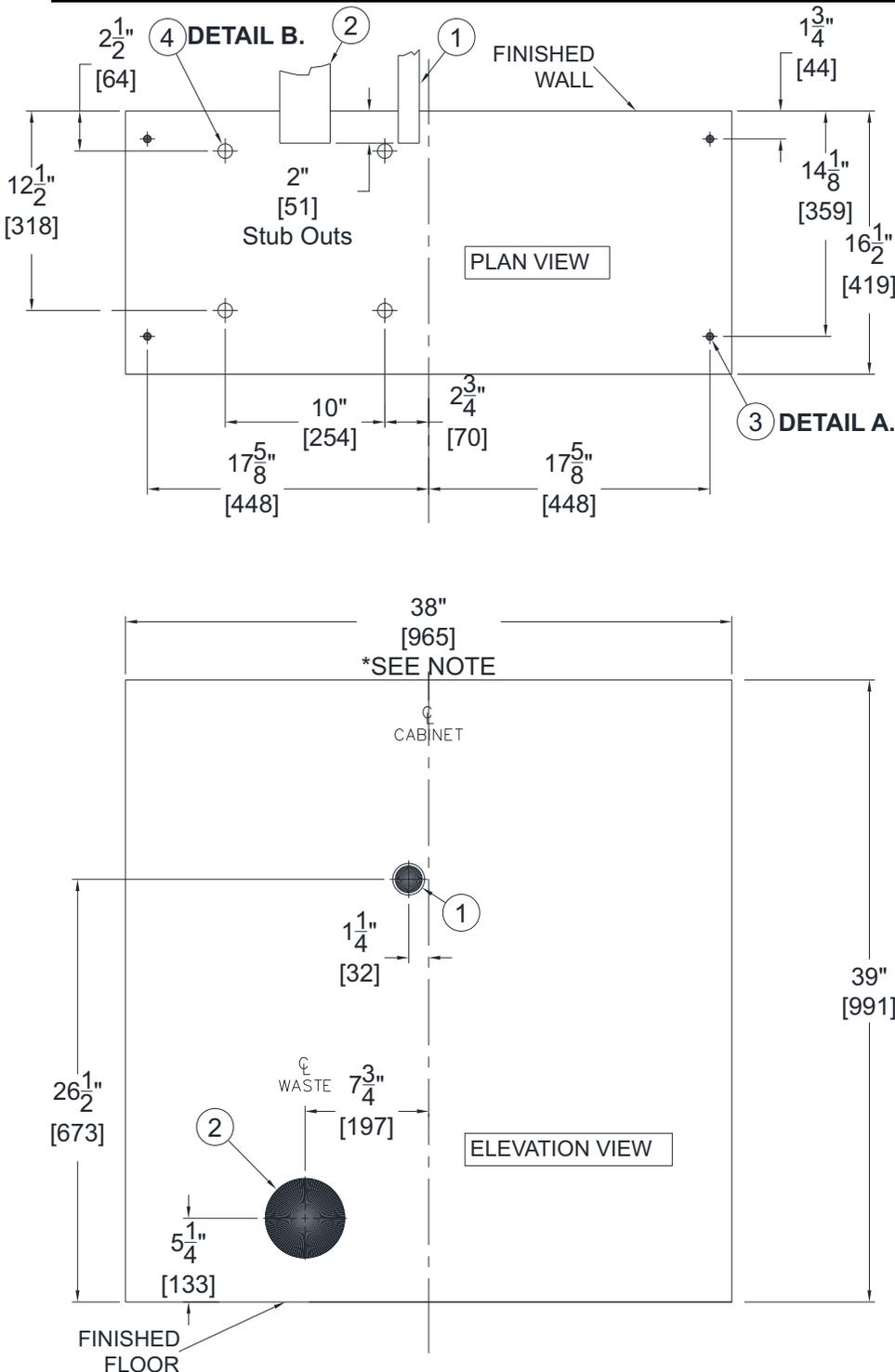


4020/4022/4025-L-1 Shown

NOTE: All dimensions are in Inches (mm)
(L.H. Unit Shown, R.H. Unit Opposite)

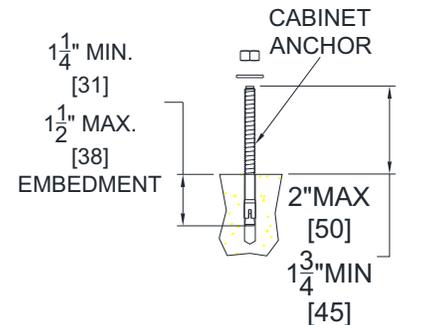


Model# 4020 Wall Waste Rough-Ins

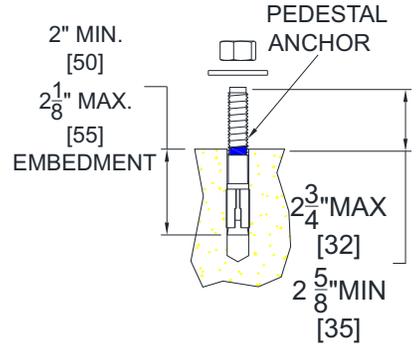


! IMPORTANT

Floors and Walls must be straight and plumb / square in order to prevent deformation of Cabinet and malfunction of Toilet Assembly.



Install Cabinet Anchors [3] as required, drive anchors until they are embedded a min. of 1-1/4" into the floor.



Install Pedestal Anchors [4] as required, drive anchors until they are embedded a min. of 2" into the floor.

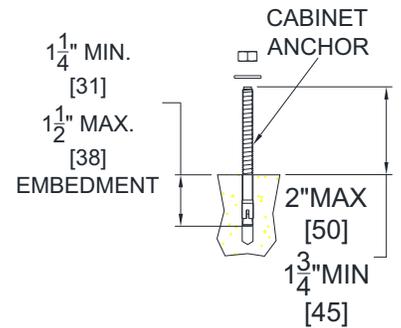
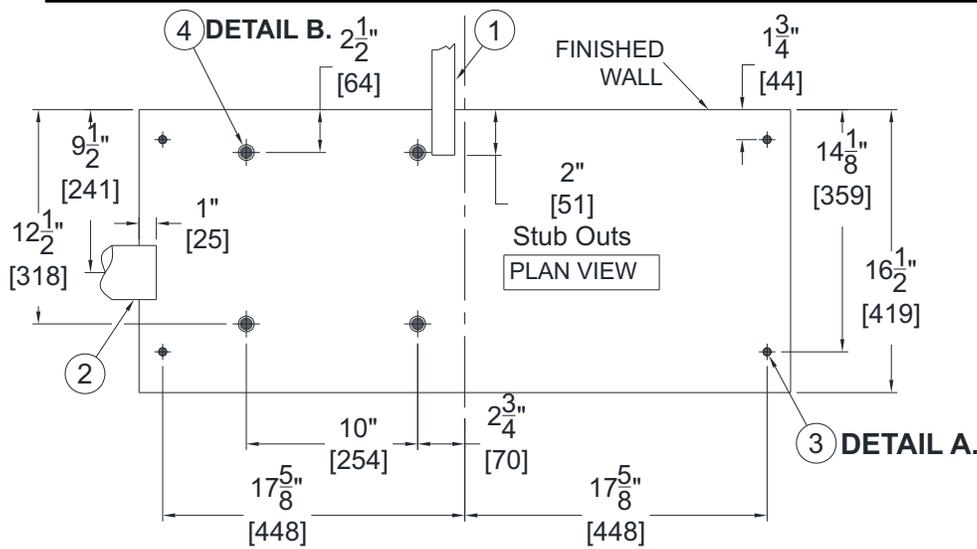
- A. 1" NPT Flush Valve Inlet [1]
- B. Toilet Pedestal is provided with 3" IPS Wall Waste Outlet [2] for No-Hub Connection
- C. Cabinet Frame Mtg: 1/4"-20 UNC X 3-1/4" Cabinet Anchors [3](provided.) Drill Holes 1-5/8" deep min x 1/4" Dia. Detail A
- D. Pedestal Frame Mtg: 1/2"-13 UNC X 3-3/4" Pedestal Anchors [4] (provided). Drill Holes 2-5/8" deep X 1/2" Dia. Detail B



Model# 4022 Side Waste Rough-Ins

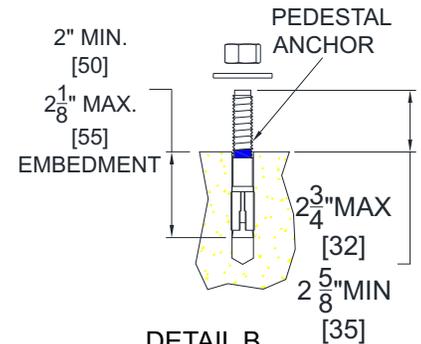


Floors and Walls must be straight and plumb / square in order to prevent deformation of Cabinet and malfunction of Toilet Assembly.



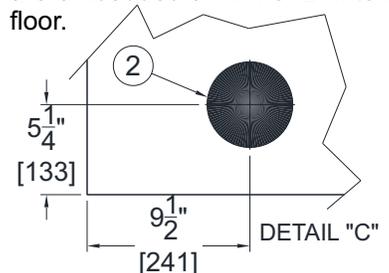
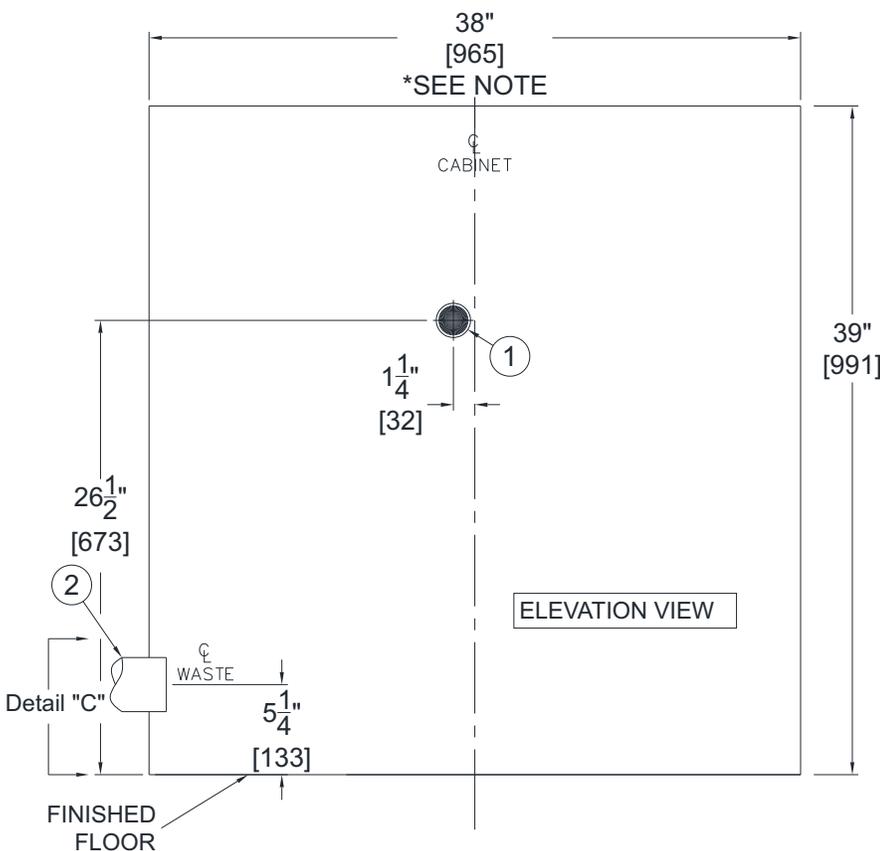
DETAIL A.

Install Cabinet Anchors [3] as required, drive anchors until they are embedded a min. of 1-1/4" into the floor.



DETAIL B.

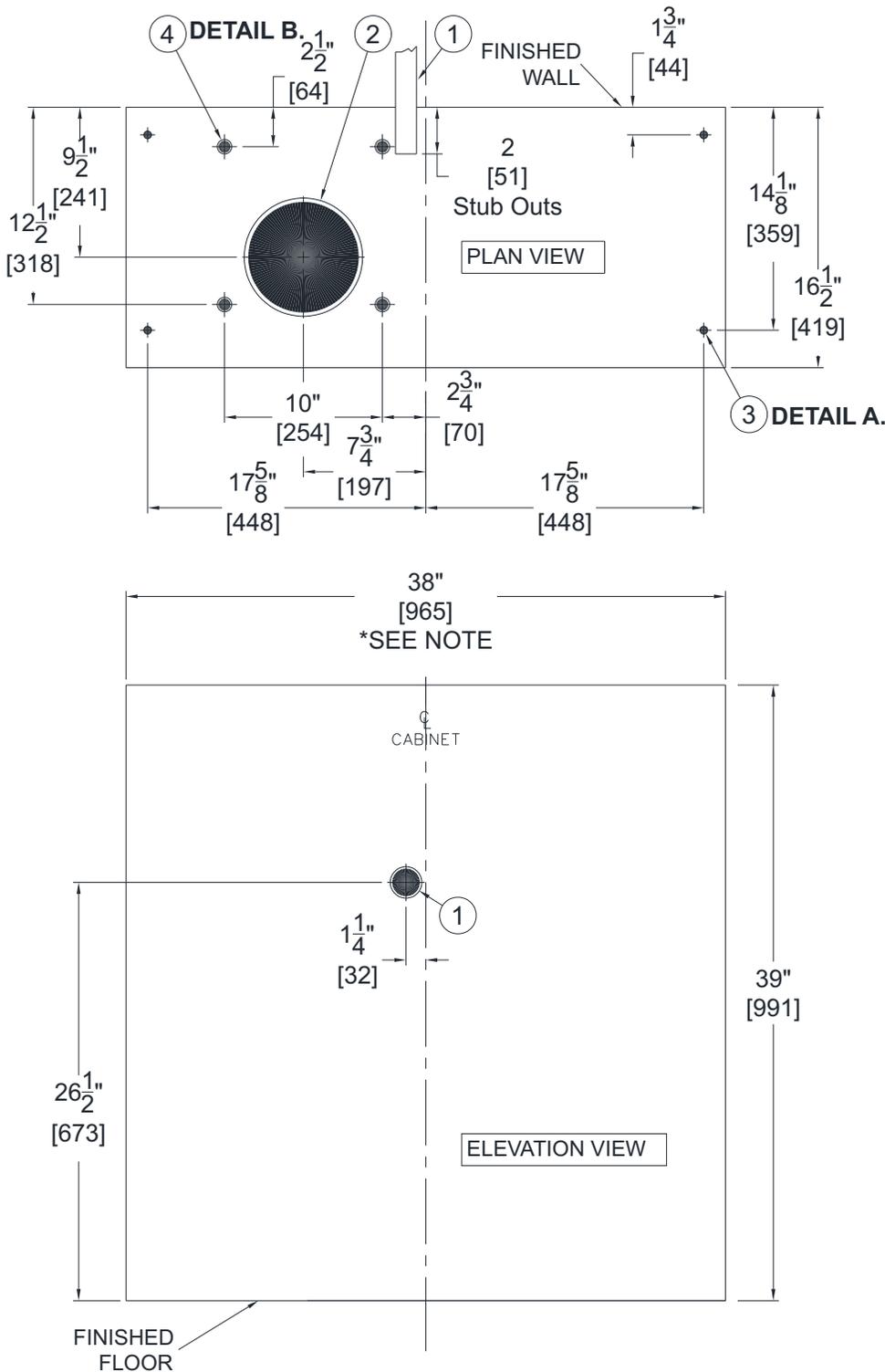
Install Pedestal Anchors [4] as required, drive anchors until they are embedded a min. of 2" into the floor.



- A. 1" NPT Flush Valve Inlet [1]
- B. Toilet Pedestal is provided with 3" IPS Side Wall Waste Outlet [2] for No-Hub Connection
- C. Cabinet Frame Mtg: 1/4"-20 UNC X 3-1/4" Cabinet Anchors [3] (provided.) Drill Holes 1-5/8" deep min x 1/4" Dia. Detail A
- D. Pedestal Frame Mtg: 1/2"-13 UNC X 3-3/4" Pedestal Anchors [4] (provided.) Drill Holes 2-5/8" deep X 1/2" Dia. Detail B

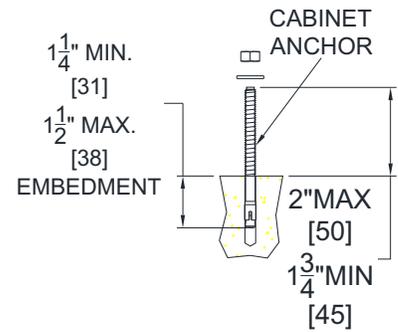


Model# 4025 Floor Waste Rough-Ins



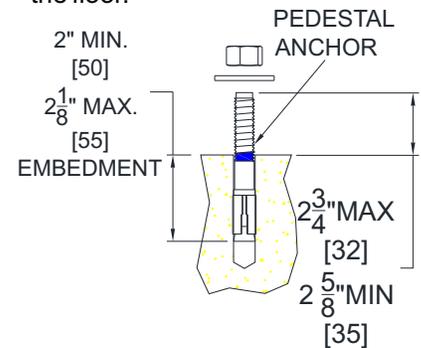
! IMPORTANT

Floors and Walls must be straight and plumb / square in order to prevent deformation of Cabinet and malfunction of Toilet Assembly.



DETAIL A.

Install Cabinet Anchors [3] as required, drive anchors until they are embedded a min. of 1-1/4" into the floor.



DETAIL B.

Install Pedestal Anchors [4] as required, drive anchors until they are embedded a min. of 2" into the floor.

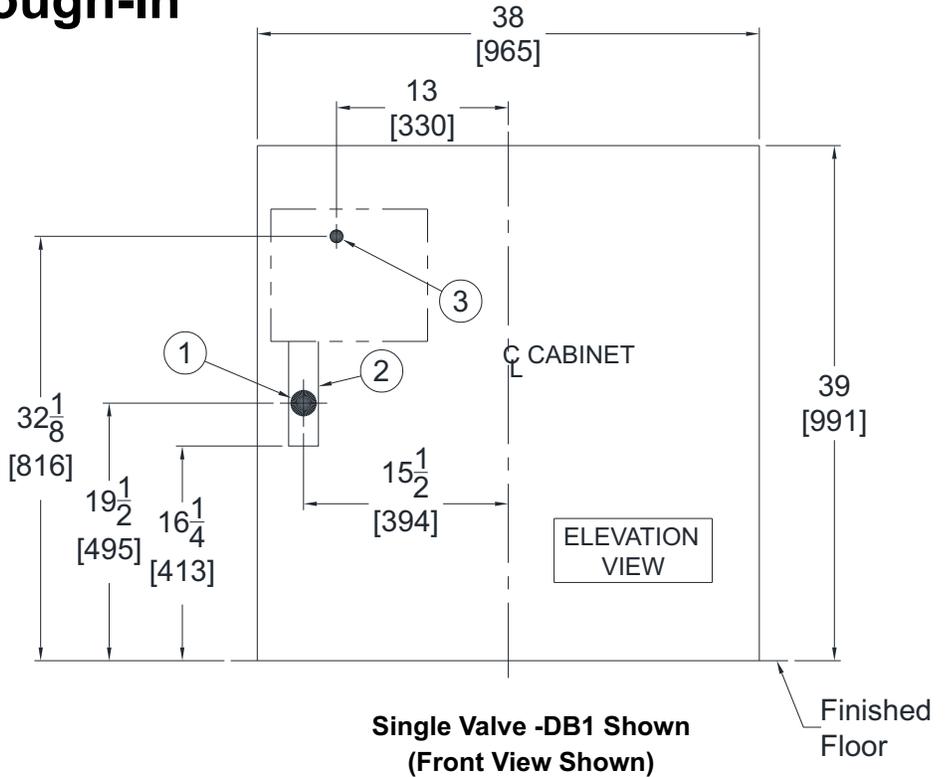
- A. 1" NPT Flush Valve Inlet [1]
- B. 7-1/2" Recessed Gasket Seat for Floor Waste Outlet [2]
- C. Cabinet Frame Mtg: 1/4"-20 UNC X 3-1/4" Cabinet Anchors [3] (provided). Drill Holes 1-5/8" deep min x 1/4" Dia. Detail A
- D. Pedestal Frame Mtg: 1/2"-13 UNC X 3-3/4" Pedestal Anchors [4] (provided). Drill Holes 2-5/8" deep X 1/2" Dia. Detail B



Optional -DB1 Rough-In

Optional -DB Rough-In for the Following:

- A. Wall Waste [1] for P-Trap By Others to connect 1-1/2" OD Stainless Steel Dialysis Tailpiece Waste Outlet [2].
- B. Single Valve: 1/2" NPT [3] Supply Inlet extending 9-1/2" from wall to inlet.

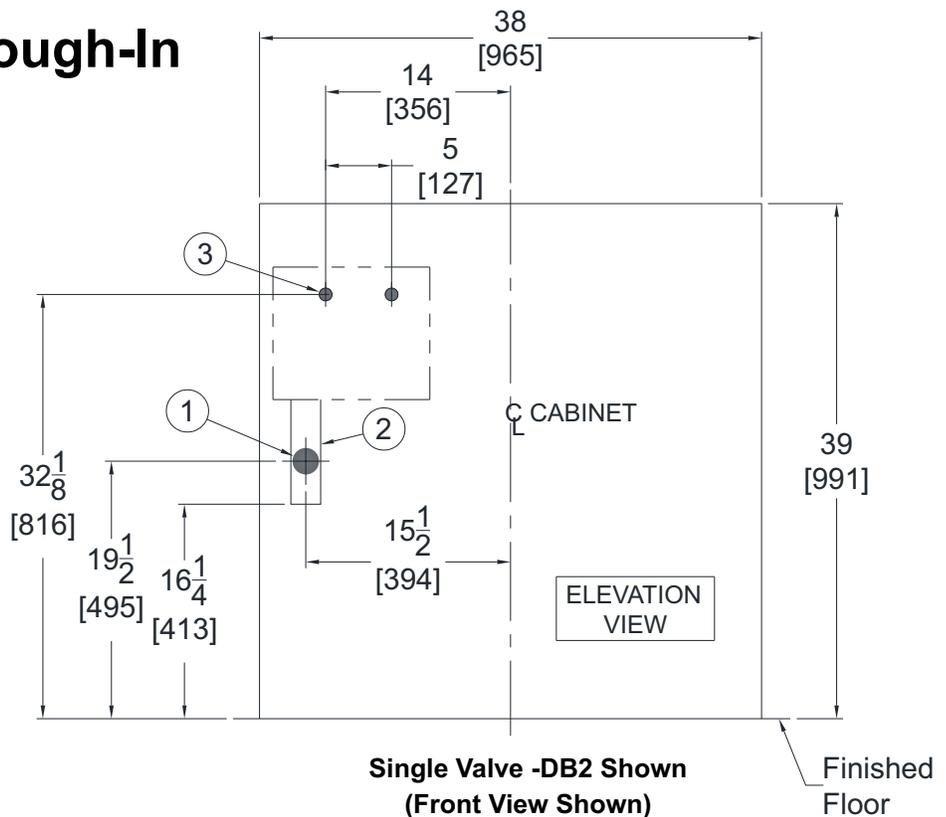


Single Valve -DB1 Shown (Front View Shown)

Optional -DB2 Rough-In

Optional -DB Rough-In for the Following:

- A. Wall Waste [1] for P-Trap By Others to connect 1-1/2" OD Stainless Steel Dialysis Tailpiece Waste Outlet [2].
- B. Dual Valve: 1/2" NPT [3] Supply Inlet extending 9-1/2" from wall to inlet.



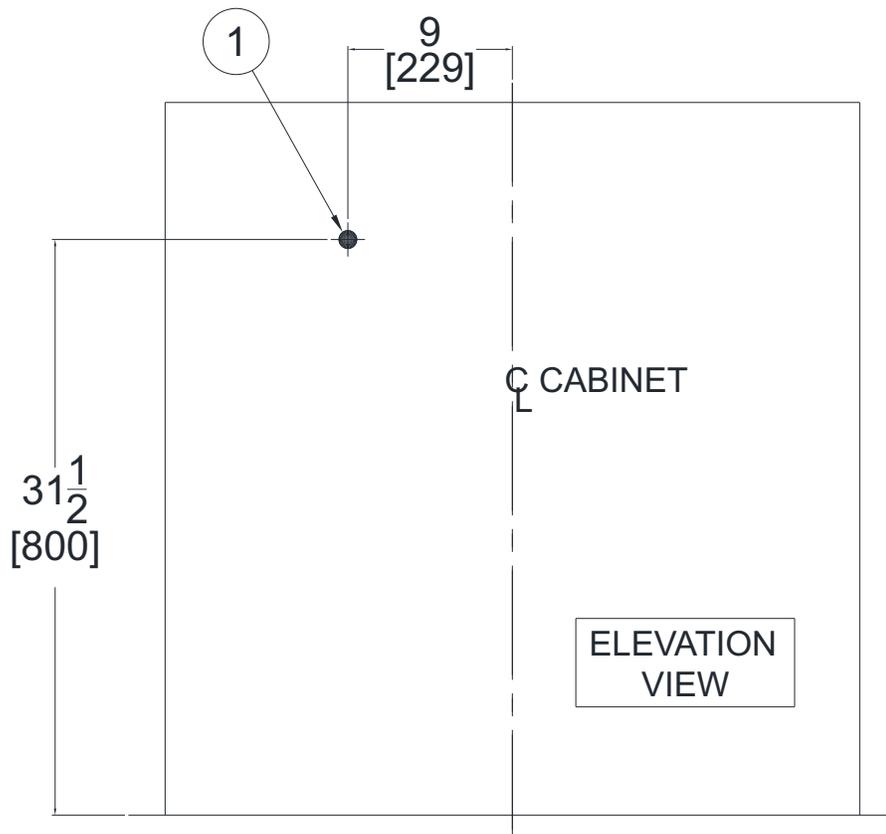
Single Valve -DB2 Shown (Front View Shown)



INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

ADDITIONAL ROUGH-INS FOR OPTIONAL COMPONENTS

Optional -BW Rough-In



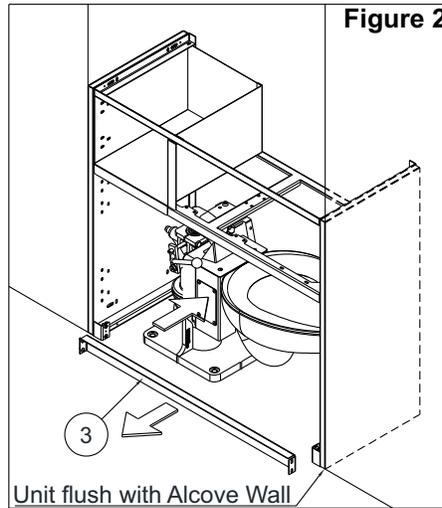
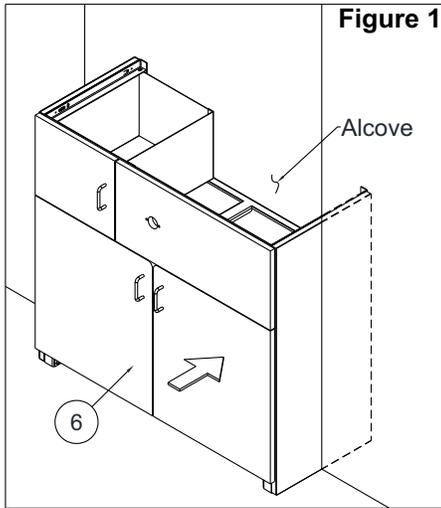
L.H. MODEL SHOWN / R.H. MODEL IS OPPOSITE

Optional -BW Rough-In for the Following:

- A. Bedpan Washer Inlet [1] 1/2" NPTE From Vacuum Breaker By Others. Acorn recommends a Pressure Type Vacuum Breaker for backflow prevention. Follow local codes for installation of backflow prevention device.

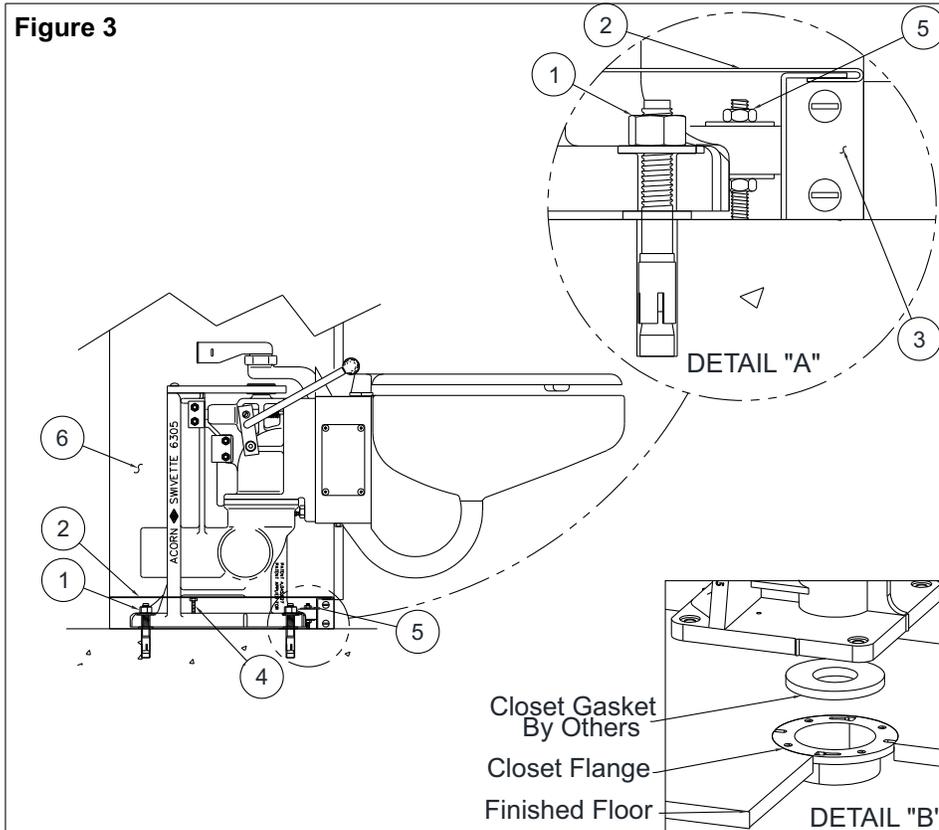


CABINET INSTALLATION



INSTALLATION INSTRUCTIONS:

- A. push unit into Alcove until Cabinets [6] are flush with Finished wall. (Figure 1)
- B. Remove the cabinet floor panels followed by removing the Toe Plate [3] and slide in the Toilet lowering the unit over the Pedestal Anchors [1].(Figure 2)
 - **4020,4022 Models:** Prepare but do not finalize Side or Back Waste Connections.
 - **4025 Models:** Waste Connections must be made at this time. Fixture Waste Outlet is 7-1/2" Recessed Gasket Flange. Detail "B".
- C. Level & Square Toilet Shim Pedestal as required see detail A.
- D. Finalize Side or Back Waste Connection for Models 4020 /4022.
- E. Reinstall Toe Plate [3].
- F. Install Cabinet Floor Panels [2] to check squareness and fit. Shift Cabinet Frame as required until Flooring fits square.
- G. Level Floor with Floor Leveling Bolts [4], Remove Flooring, tighten Cabinet Anchors [5].



! IMPORTANT

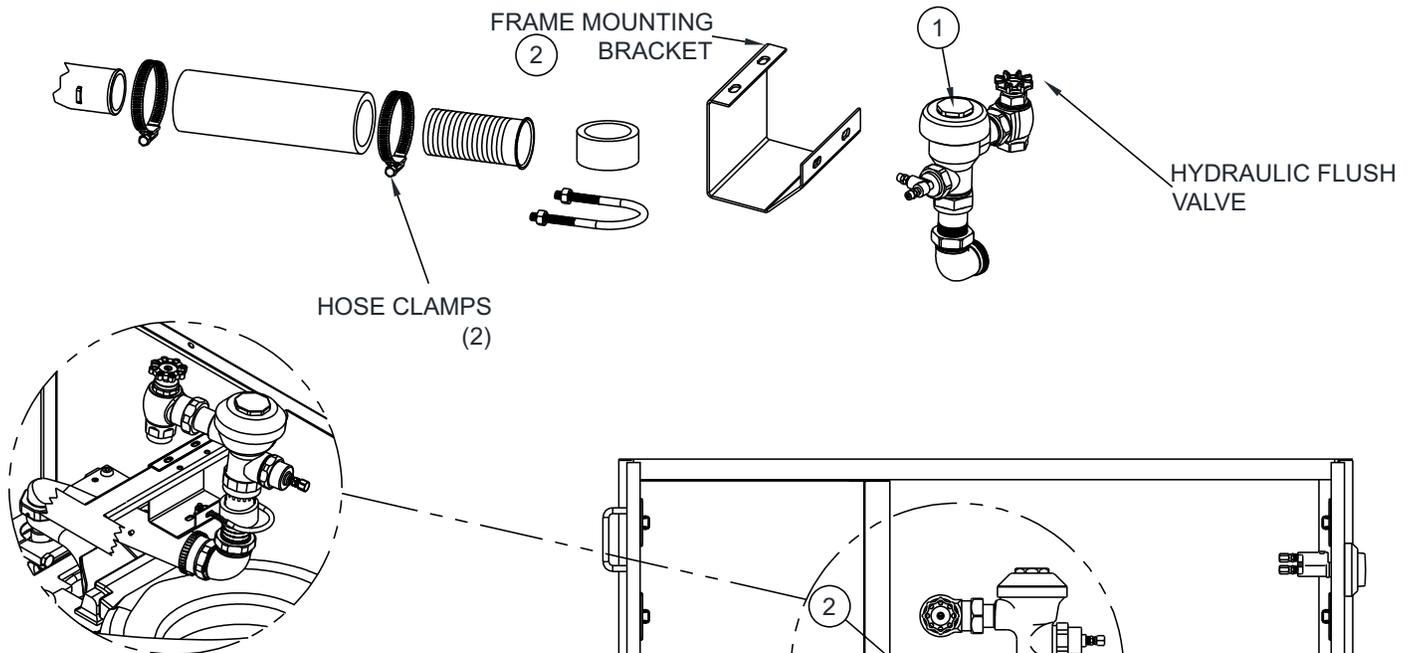
Floors and walls must be straight & plumb / square in order to prevent deformation of Cabinet and malfunction of Toilet assembly.

! IMPORTANT

- Cabinet Frame must be stiffened and squared before bolting Frame to Floor. Acorn will not accept responsibility for Cabinetry Alignment if this procedure is not followed.
- As required re-align Doors [6] on Cabinet: Loosen screws on hinges, adjust, and re-tighten screws.



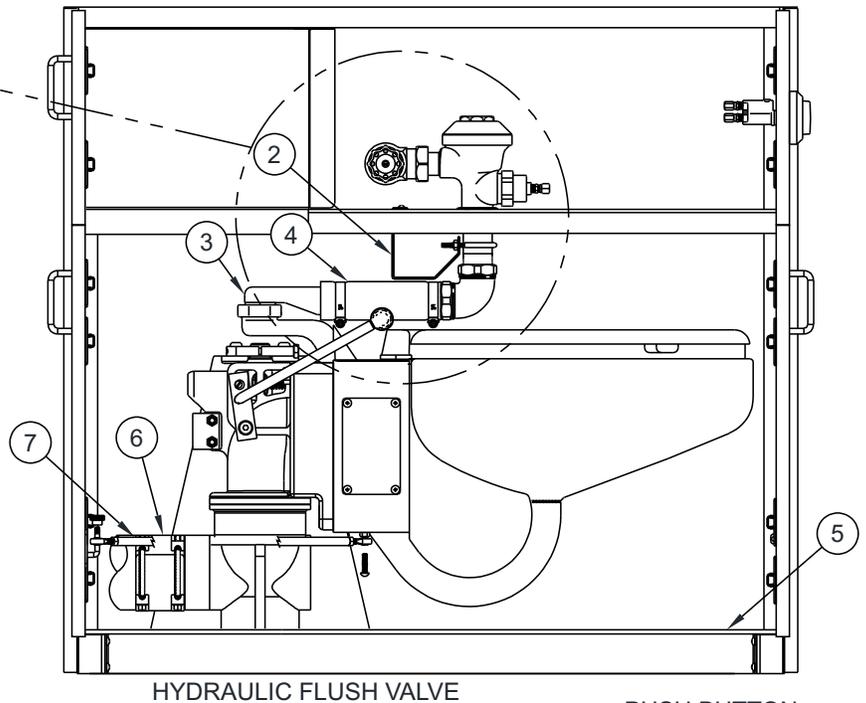
FLUSH VALVE INSTALLATION



HYDRAULIC FLUSH VALVE DETAIL

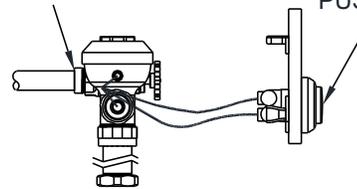
INSTALLATION INSTRUCTIONS:

- A. Install Flush Valve [1] to Frame Mounting Bracket [2] and connect Flush Valve Supply 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. Re-install Flooring [5] Caulk gap between Toilet Pedestal and Cabinet with white Silicon. **DO NOT USE SELF-LEVELING CAULK.**
- D. If Toilet Waste is Side Wall Outlet model connect Waste Outlet with Clamp Type [6] Coupling. Install upper and lower Side Panels.
- E. Install Toilet Door Linkage [7] and adjust. Door must fully close before Toilet Bowl hits back Wall.



HYDRAULIC FLUSH VALVE

PUSH BUTTON

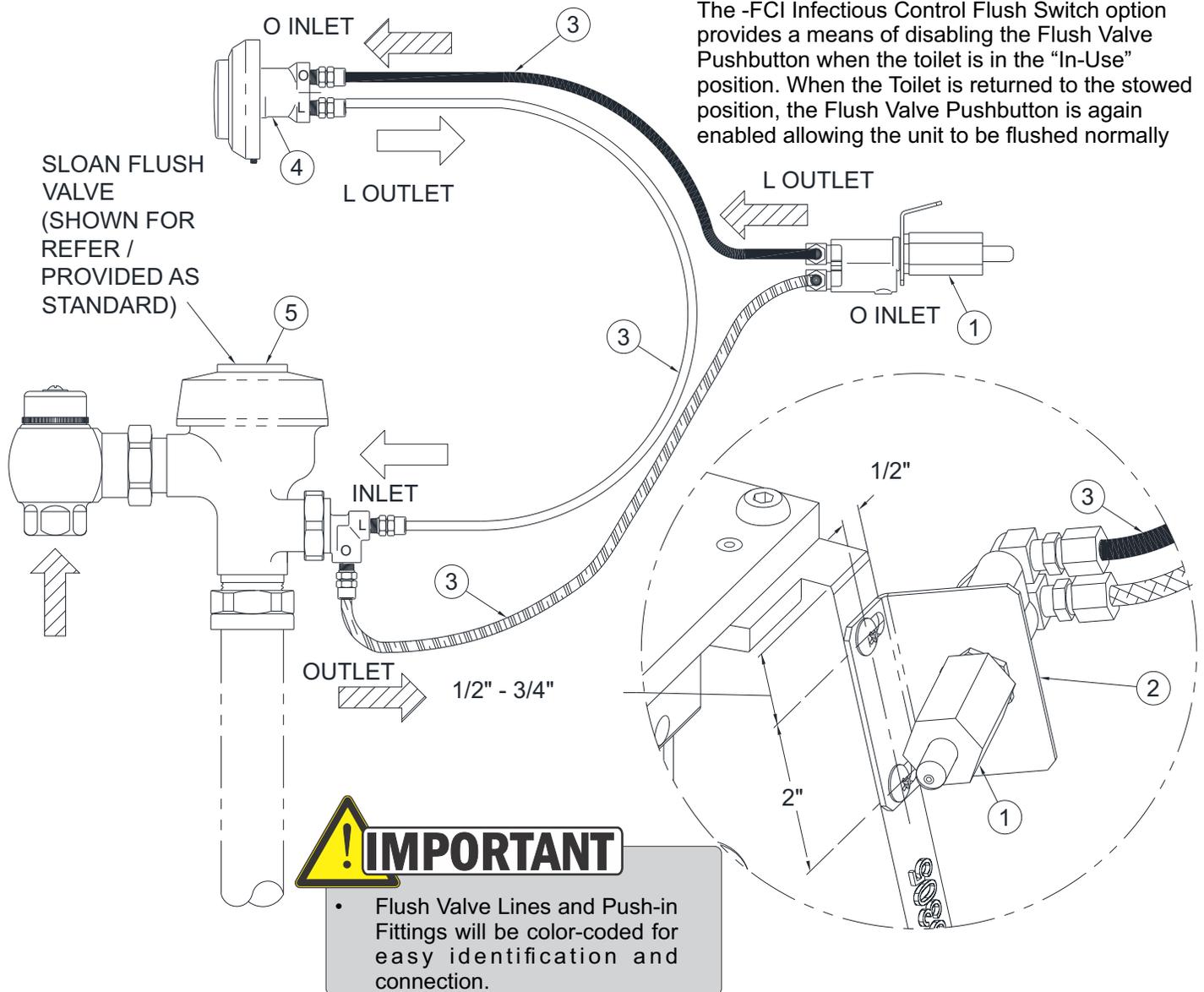


IMPORTANT

- For Optional Flush Cycle Interruption -FCI refer to Optional Flush Cycle Interruption manual.
- Follow Manufacture's installation procedures for your Flush Valve.
- Do not cut length of Tubing provided.
- Do not tape or fix Tubing in a stationary position.
- Flush Valve Lines and Push-in Fittings will be color-coded for easy identification and Connection



OPTIONAL -FCI INFECTIOUS CONTROL FLUSH INSTALLATION

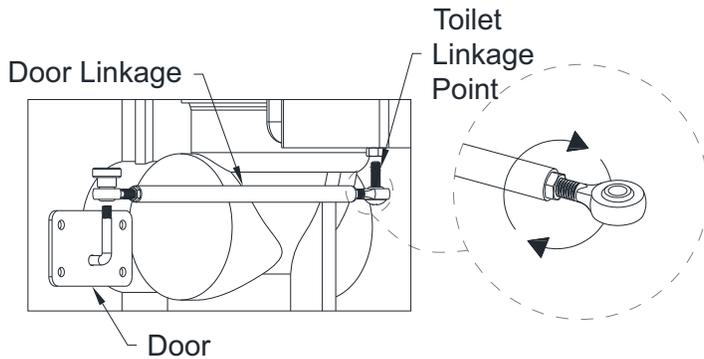


INSTALLATION INSTRUCTIONS:

- Mount the Flush Valve Interrupt Bracket [2] to the Toilet Swivet Pedestal.
- 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] from the switch to the Pushbutton [4] using the tubing supplied with your Flush Valve.
- Check the operation of the Flush Valve and -FCI observing for leaks.



ADJUST DOOR LINKAGE



ADJUSTING DOOR LINKAGE:

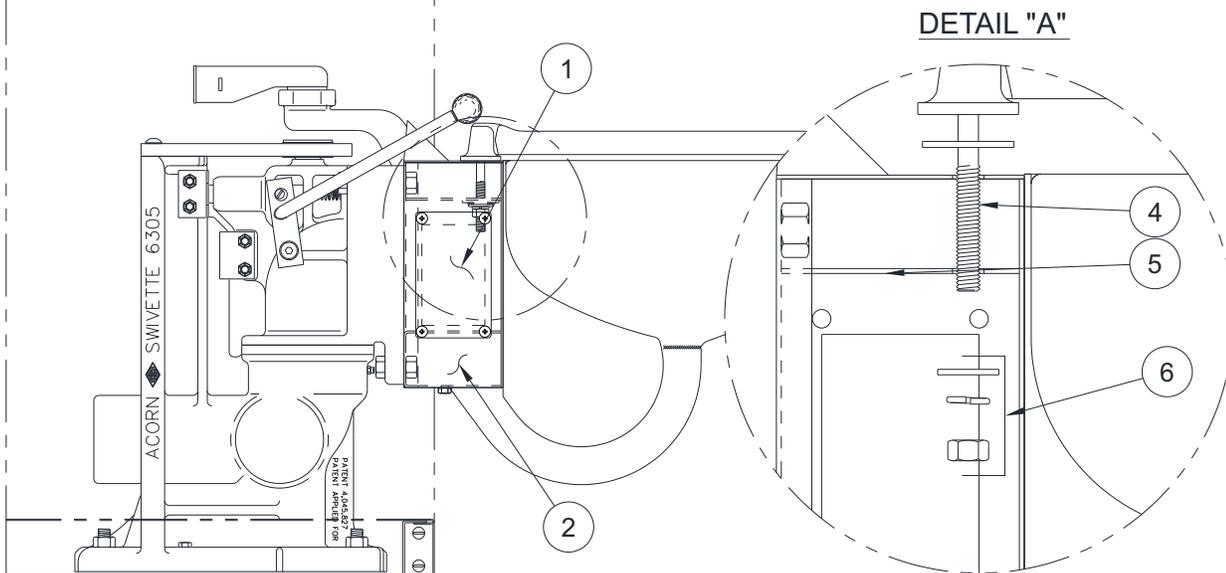
To adjust door linkage rotate the nut along with the rod end to desired length and tighten nut to secure. When properly adjusted, length of Linkage will allow Toilet Bowl to swivel forward, perpendicular to Cabinet enough for upper Spring Loaded Pin Mechanism to lock the Toilet Pedestal in the open position. Additionally, it should allow Cabinet Door to close completely and engage Door Magnets when Toilet is returned to closed position.

SWIVETTE TOILET SEAT REPLACEMENT

Swivette Cabinet



When removing access panel please note that Housing may have sharp edges & caution is advised when replacing Swivette Toilet Seat.



INSTALLATION INSTRUCTIONS:

- Remove Access Panel [1] from both sides of Housing [2] using a Phillips head.
- Place Rubber Gasket [3] onto seat's Threaded Rods [4].
- Position seat onto Toilet Housing [2] and slide Seat Threaded Rods [4] through Spacer Channel [5].
- Assemble Hardware [6] as shown in Detail "A".
- Ensure all Hardware is tight and replace Access Panels [1] to Housing [2]