



INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

Care-Ware® Bedside Patient care units

Model:4049



4049-ONFW-R-1-VF-FCI (Shown)
Fixture may show some available options

**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.

For -SO Faucet Option: provide 110-120VAC/60Hz/3A (MAX) electrical receptacle for optional factory supplied 120VAC/9VDC, 100mA plug-in Transformer.

NOTE: Receptacle(s) must be wired to a GFCI protected circuit. Fixture must be earth grounded per N.E.C. (National Electrical Code).

Please refer to the Link or QR code provided.

For Cleaning & Care Guide:

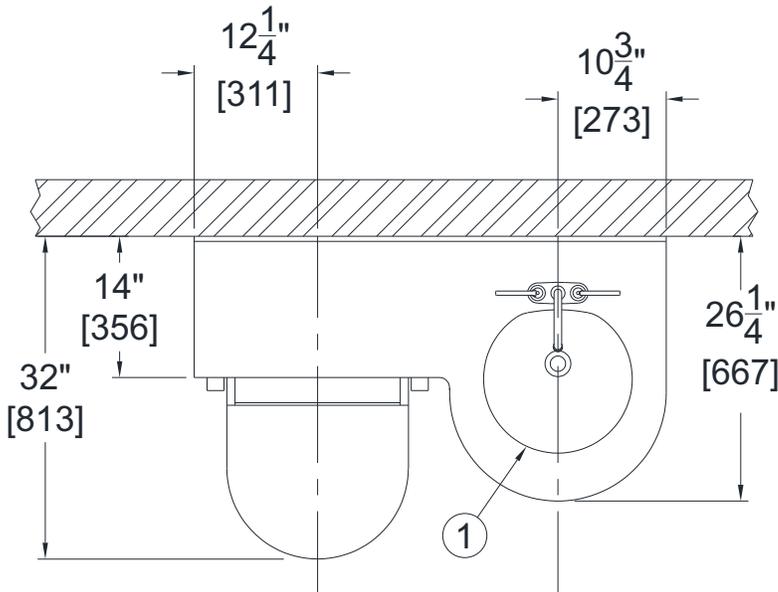
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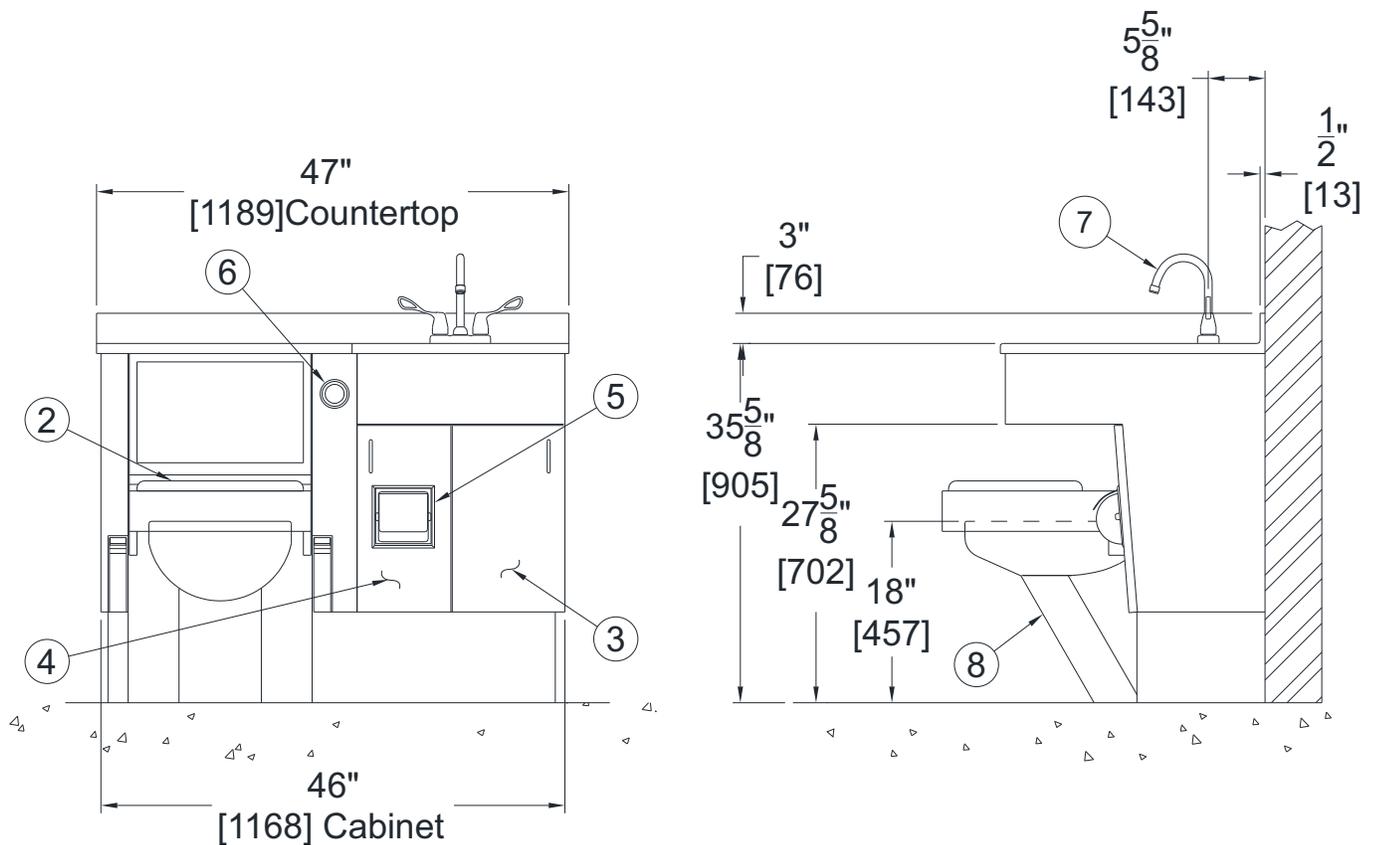


TECHNICAL DIMENSIONS



NOTES:

1. Lavatory (Basin)
2. Padded Hinged Seat Cover
3. Dialysis Box Compartment
4. Bedpan Washer Compartment
5. Toilet Paper Holder
6. Flush Valve Pushbutton
7. Lavatory Gooseneck Spout (-CSG Shown)
8. Stainless Steel Toilet



4049-ONFW-L-1 Shown

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



MODEL# 4049 FLOOR WASTE ROUGH-INS

! IMPORTANT

Clear openings for Alcove Units is 47" wide plus 1/8" on Each side.

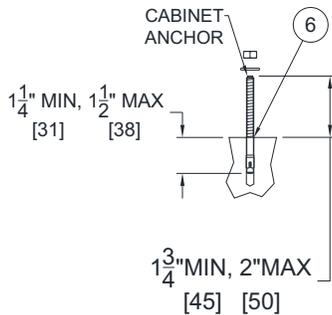
Floors and Walls must be straight and plumb / square in order to prevent deformation of cabinet and malfunction of toilet assembly

Lavatory Rough-in dimensions remain the same regardless of countertop or bowl material.

All supply inlets to be installed with installer provided stops or angle stops.

Lightweight concrete often does not provide sufficient strength to hold the anchors furnished. 3/8" UNC studs, nuts, washers and angle iron By Others is recommended to secure the fixture to floor if slab is less than 4" thick or is "Lightweight".

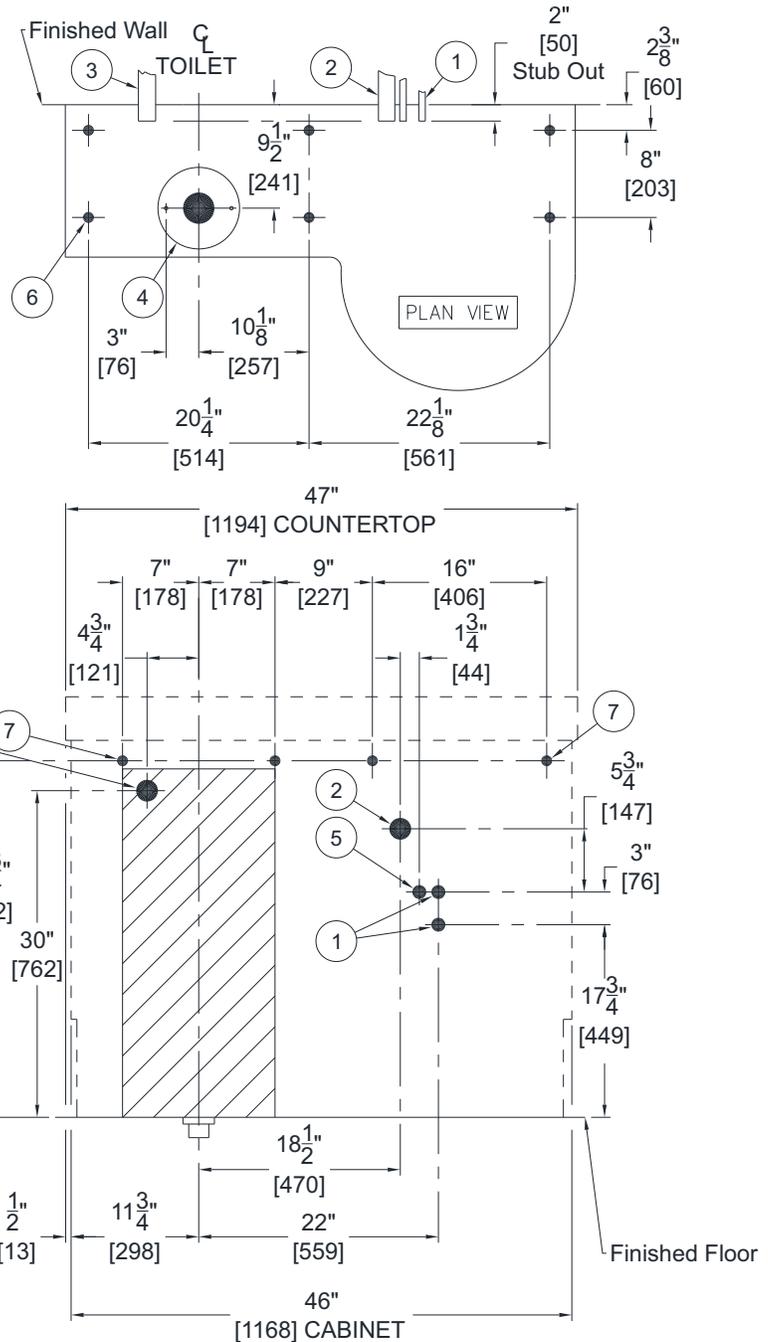
Installer shall use Industry Standards of Best Practice to determine appropriate Fasteners to suit Wall Construction and site conditions.



DETAIL A.

Install Cabinet Anchors [6] as required, drive anchors until they are imbedded a min. of 1-1/4" into the floor.

- 1/2" IPS Female Lavatory Valve Supplies.
- 1-1/2" OD Lavatory Waste Outlet (P-Trap By Others)
- 1" NPT Flush Valve Inlet.
- Toilet Waste: Wall Outlet 5-1/2" Gasket Waste. Optional - W03 3" IPS Waste.
- 1/2" NPTE Bedpan Washer Inlet from Vacuum Breaker By Others; Acorn recommends a Pressure Type Vacuum



FRONT VIEW

4049-1-L Shown(L.H. Unit Shown, R.H. Unit Opposite)

- Breaker for backflow prevention. Follow local codes for installation of backflow device.
- (6) Cabinet Anchors (provided). Layout Pattern on floor and drill Holes 1" Deep Min. x 3/8" Dia. **DETAIL A.**
 - (4) Anchor Pattern on wall for 1/4" Wall Fasteners By Others. Provide adequate wall backing. **See Note.**



MODEL# 4049 WALL WASTE ROUGH-INS

! IMPORTANT

Clear openings for Alcove Units is 47" wide plus 1/8" on Each side.

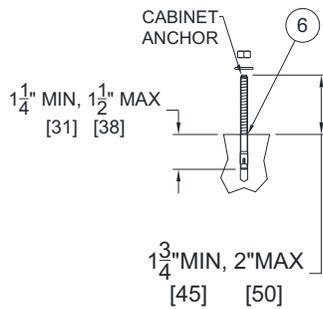
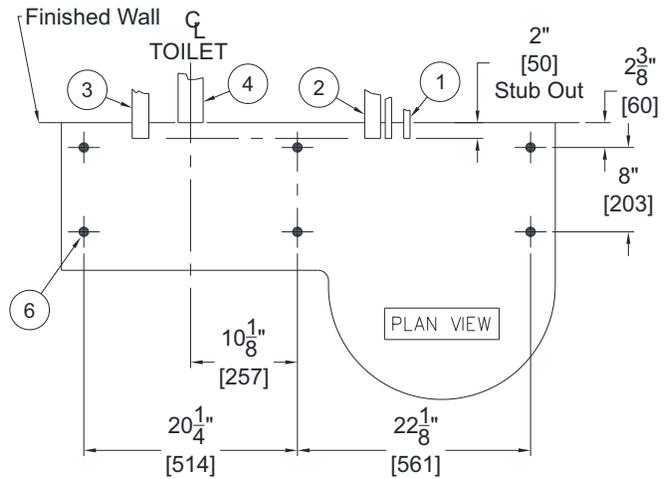
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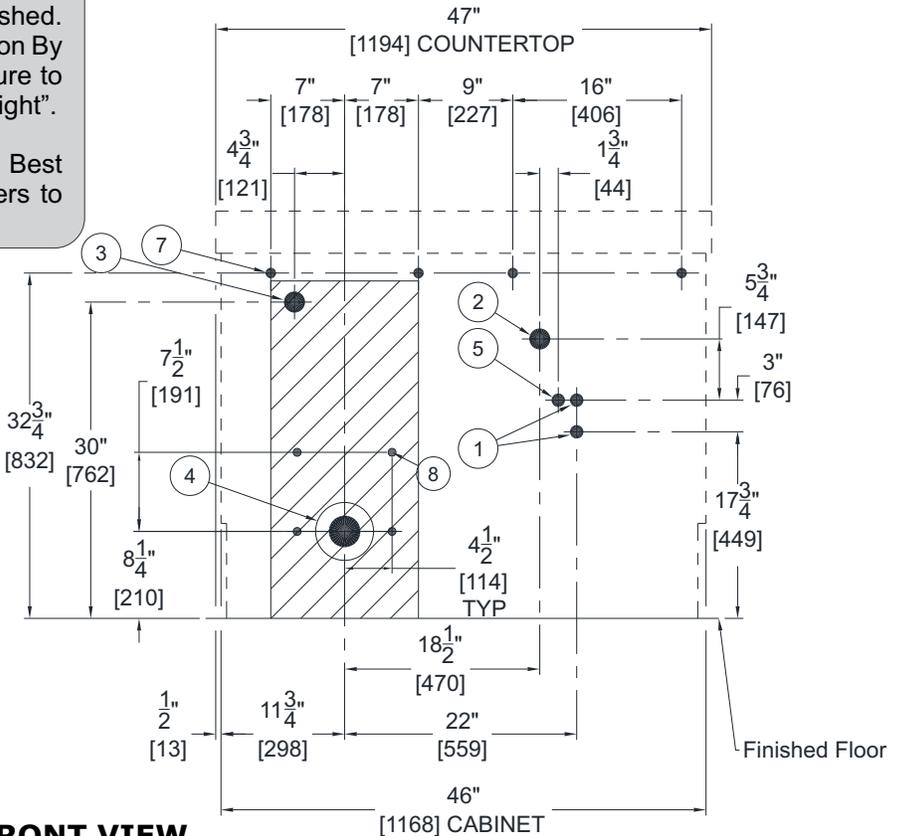
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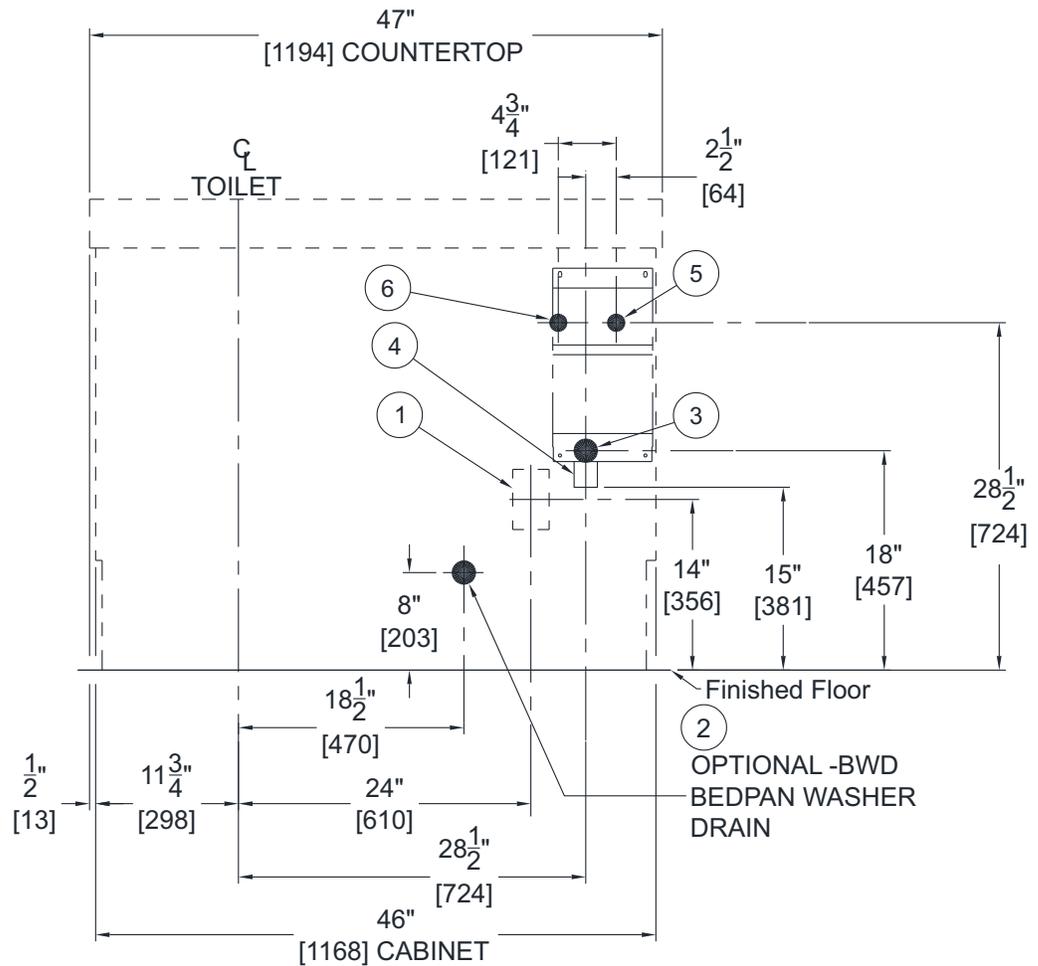
4049-1-L Shown(L.H. Unit Shown, R.H. Unit Opposite)

- 1/2" IPS Female Lavatory Valve Supplies.
- 1-1/2" OD Lavatory Waste Outlet (P-Trap By Others).
- 1" NPT Flush Valve Inlet.
- Toilet Waste: Floor Outlet 7-1/2" Recessed Gasket Seat with 5/16" Dia. Holes on 6" Centers for Floor Waste Outlet Optional -W03 3" IPS Waste.
- 1/2" NPTE Bedpan Washer Inlet from Vacuum Breaker By Others; Acorn recommends a Pressure Type Vacuum Breaker for backflow prevention. Follow local codes for installation of backflow device.
- (6) Cabinet Anchors (provided). Layout Pattern on floor and drill Holes 1" Deep Min. x 3/8" Dia. **DETAIL A.**
- (4) Anchor Pattern on wall for 1/4" Wall Fasteners By Others. Provide adequate wall backing.
- Models with -OFFW Off-Floor Toilet:** Require (4) 5/8" UNC Studs from suitable Carrier Support (provided by others).



INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

ADDITIONAL ROUGH-INS FOR OPTIONAL COMPONENTS



4049-1-L
(L.H. Unit Shown, R.H. Unit Opposite)

1. -SO Option: 110VAC Electrical receptacle for 24VAC Plug-In Transformer. Receptacle should be a GFI protected Circuit.
2. Optional -BWD 1-1/2" O.D Bedpan Washer Drain Outlet (P-Trap By Others)
3. Wall Waste for P-Trap By Others to connect 1-1/2" OD Stainless Steel Dialysis Tailpiece Waste Outlet.
4. Single Valve: 1/2" NPT Supply Inlet extending 9-1/2" from Wall to inlet.
5. Double Valve: 1/2" NPT Supply Inlet extending 9-1/2" from wall to inlet.



CABINET INSTALLATION

FIGURE 1.

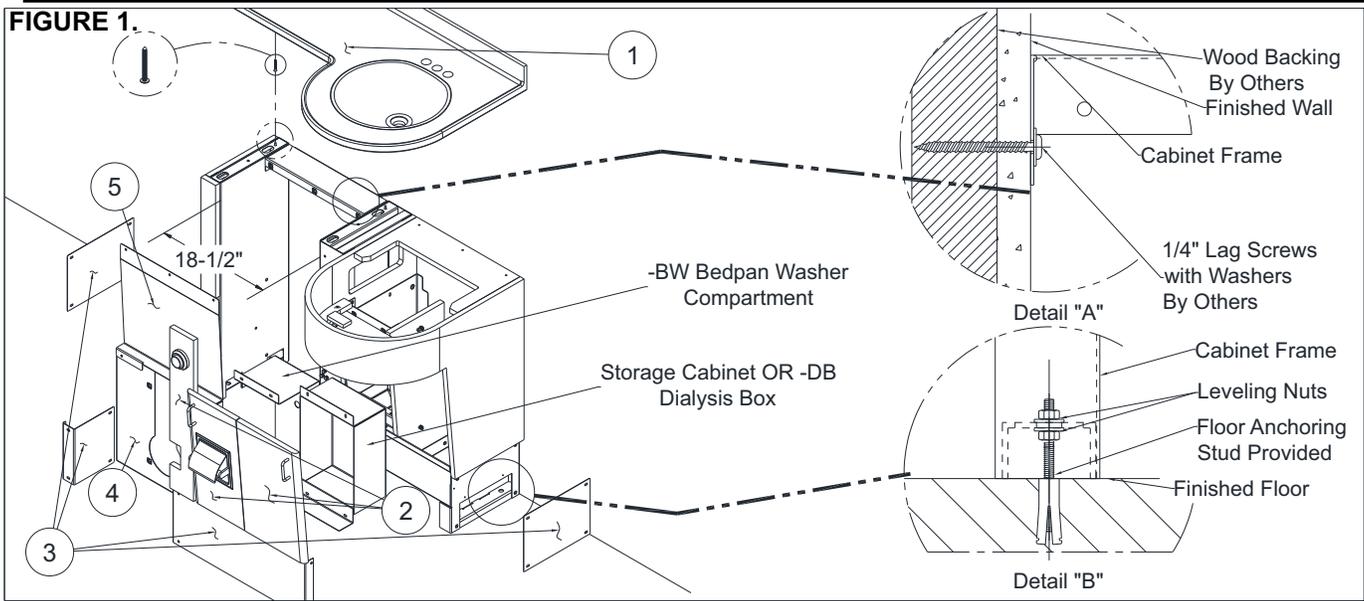
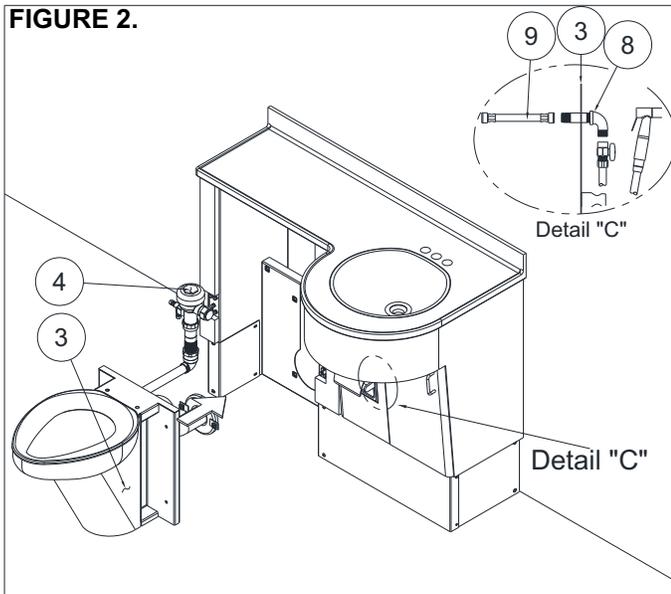


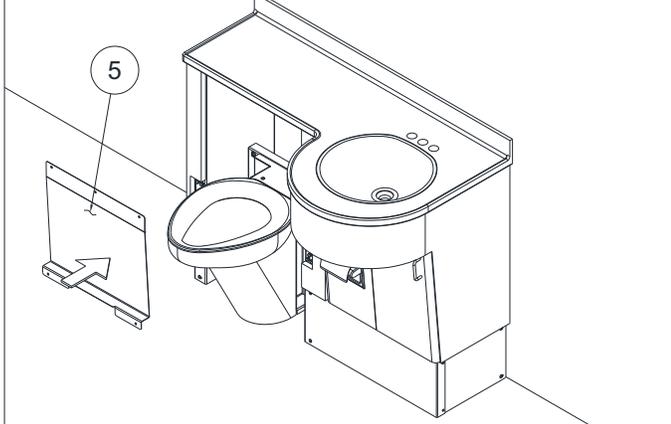
FIGURE 2.



INSTALLATION INSTRUCTIONS:

- A. Remove Countertop [1], Door Panels [2], Access Panels [3], Toilet Mounting Plate [4], and Flush Valve Cover [5]. **FIGURE 1**
- B. Anchor to wall and floor. Wall Anchors and Anchoring Hardware provided By Others. Floor Anchors and Anchoring Hardware provided.
- C. Make up Supply and waste connections.
- D. Proceed to Toilet [6] and Flush Valve [7] installation page. **FIGURE 2**
- E. Install Bedpan Washer Supply Adapter [8] with Flexible Hose [9] By Others making up connections to Vacuum Breaker By Others; Whitehall recommends a Pressure Type Vacuum Breaker for backflow prevention. Follow local codes for installation of backflow prevention device.
- F. Test for proper operation and Re-install Flush Valve Access Cover [5]. **FIGURE 3**
- G. Install Countertop [1] to frame by attaching as required using appropriate mounting hardware (by Others) as shown. **FIGURE 1**

FIGURE 3.



! IMPORTANT

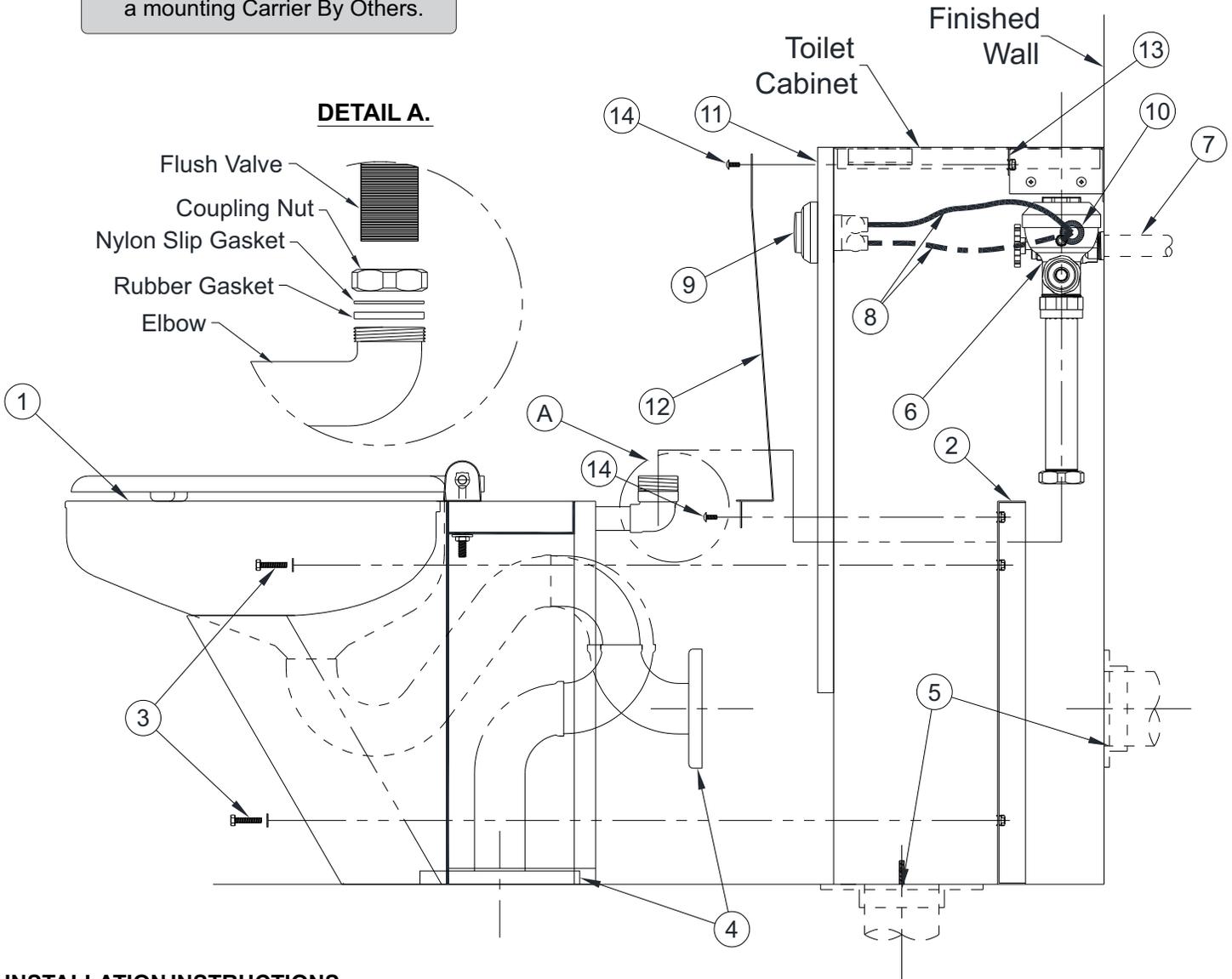
- Installer shall use Industry Standards of Best practice to determine appropriate Fasteners to suit Wall Construction and site conditions.
- To prevent Swing up Toilet Cover from binding & to allow seat to swing up & down freely, maintain min 18.5 inches inside dimension.
- Hint: a small board cut to length and inserted between frame sections for use as a spacer during install to ensure proper width is maintained.



TOILET & FLUSH VALVE INSTALLATION



Note: -OFFW Units will require a mounting Carrier By Others.



INSTALLATION INSTRUCTIONS:

- A. Install Toilet Assembly [1] to Toilet Spacer [2] with (4) washers and 1/4" Hex Head Bolts [3].
- B. Make up Waste Connection to Recessed Gasket Flange [4] using industry standard Closet Flange, Gasket and Closet Bolts [5] (Provided by others).
- C. Install Hydraulic Flush Valve [6] to Toilet Assembly [1] and connect Flush Valve Supply [7].
- D. With Countertop (Not Shown) still removed connect Hydraulic Lines [8] to Pushbutton [9].
- E. Run Hydraulic Lines [9] through Rubber Grommet [10] and connect to Flush Valve per manufacture's instructions (leaving bulk of Hydraulic Lines in behind the Pushbutton Panel [11] without kinking the Hydraulic Lines).
- F. Install Flush Valve Cover [12] to Toilet Spacer [2] and Top Mounting Channel [13] using 10-32 Philips Head Machine Screws [14].



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SEAT & CUSHION INSTALLATION

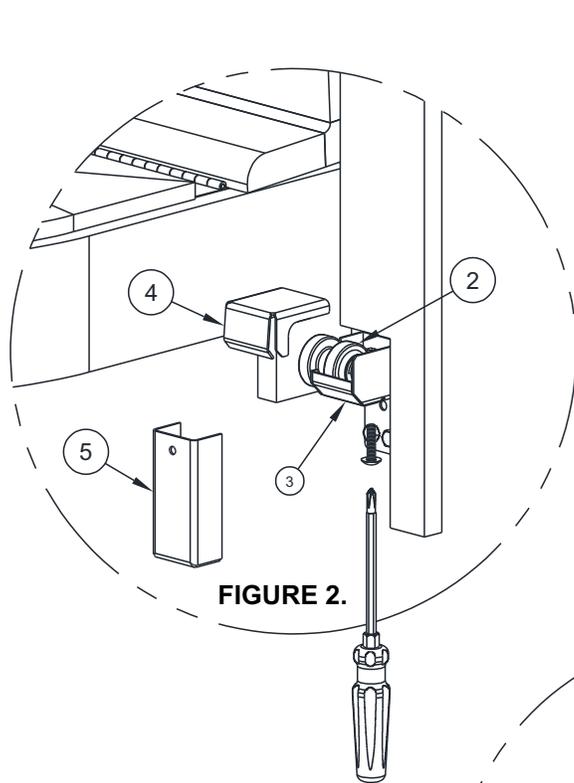


FIGURE 2.

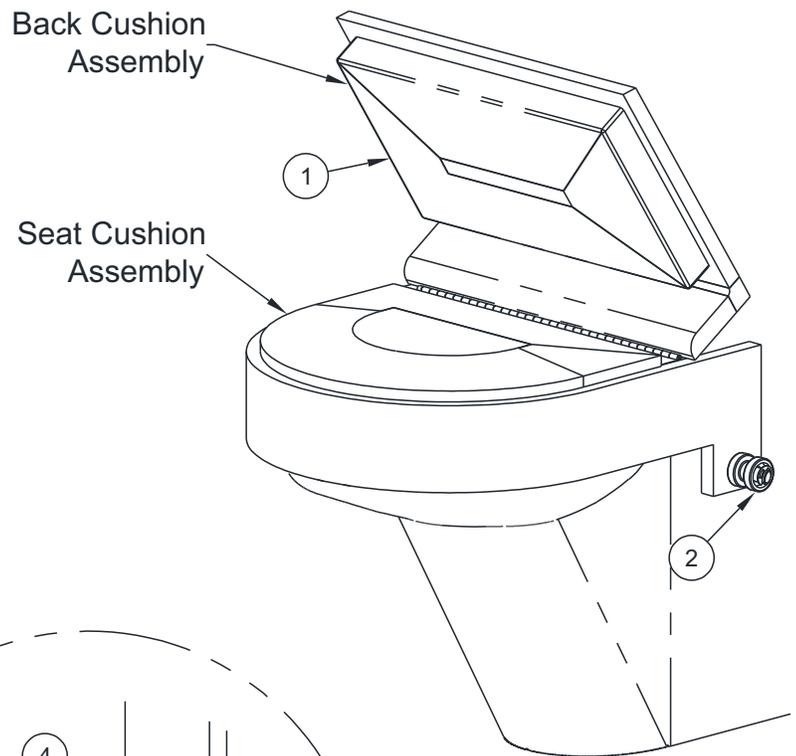


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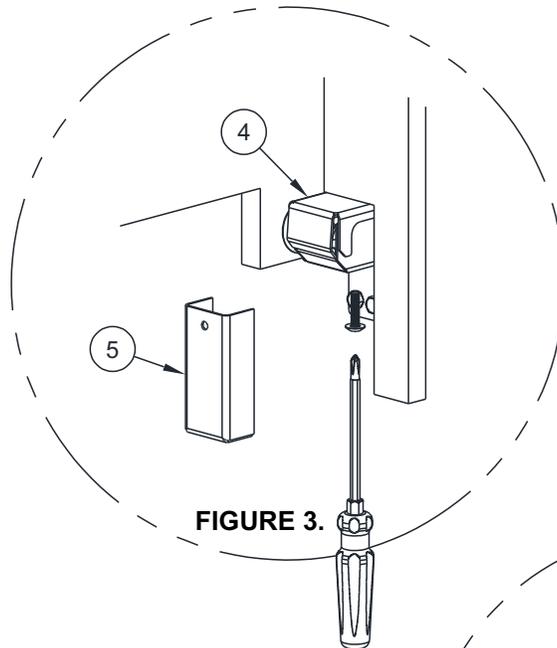


FIGURE 3.

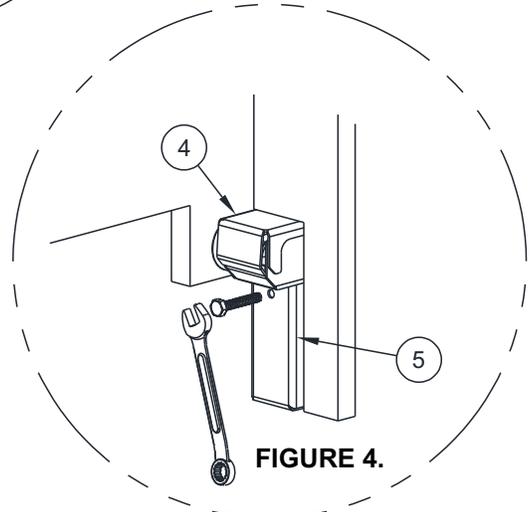


FIGURE 4.

IMPORTANT

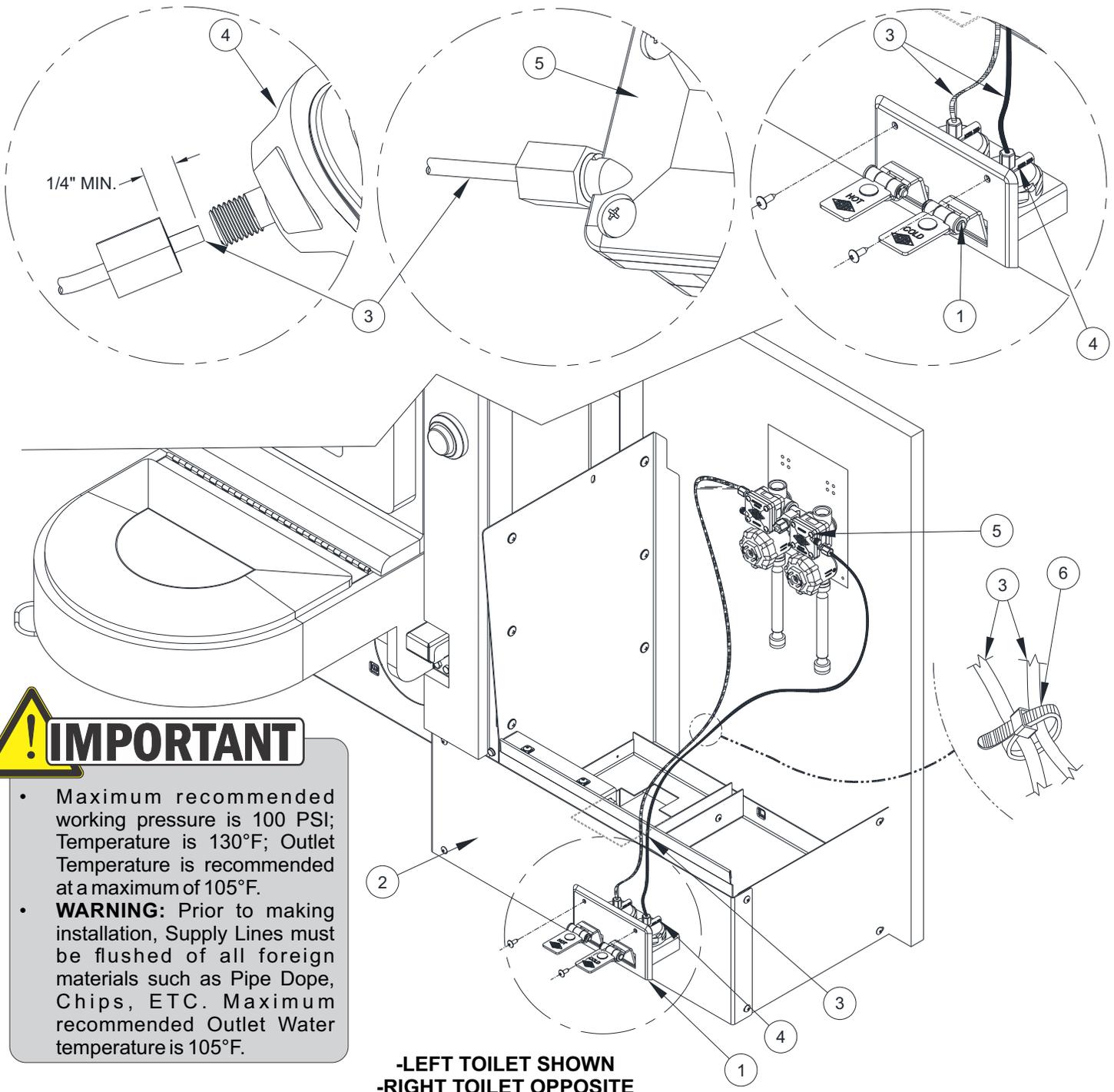
Ensure Frame Opening is to tolerance to ensure swing-up seat and cushion assembly does not bind with Frame and swings up and down freely.

INSTALLATION INSTRUCTIONS:

- Fold Seat and Back Cushion Assembly [1] together while aligning and engaging Roller Bearing Seats [3] on fixture.
- Fully engage Roller Bearing Seats [3] while maintaining seat folded position.
- Install both Bearing Seat Top Covers [4] with #10-32 x 1-1/4" long screws provided.
- Install both Bearing Seat Bottom Covers [5] with fasteners provided.
- Release back Cushion Panel [1]. Cushion Panel should come to rest on front edge of fixture Countertop.



OPTIONAL -VF FOOT VALVE INSTALLATION



! IMPORTANT

- 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 materials such as Pipe Dope, Chips, ETC. Maximum recommended Outlet Water temperature is 105°F.

-LEFT TOILET SHOWN
-RIGHT TOILET OPPOSITE

INSTALLATION INSTRUCTIONS:

- Attach Foot Pedal Assembly [1] to Toe Panel [2].
- Attach 1/8" Dia. Air Lines [3] from Foot Pushbuttons [4] to Valve Body [5]. Use Cable Ties [6] By Others to keep lines together & straight.