



INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

Care-Ware® Bedside Patient care units

Model: 4047



4047-ONFW-L-1-CSG-CCL (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:

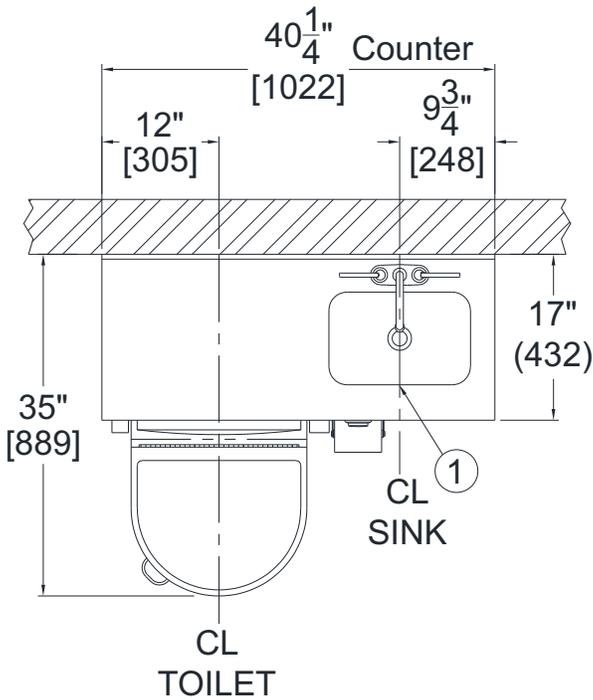
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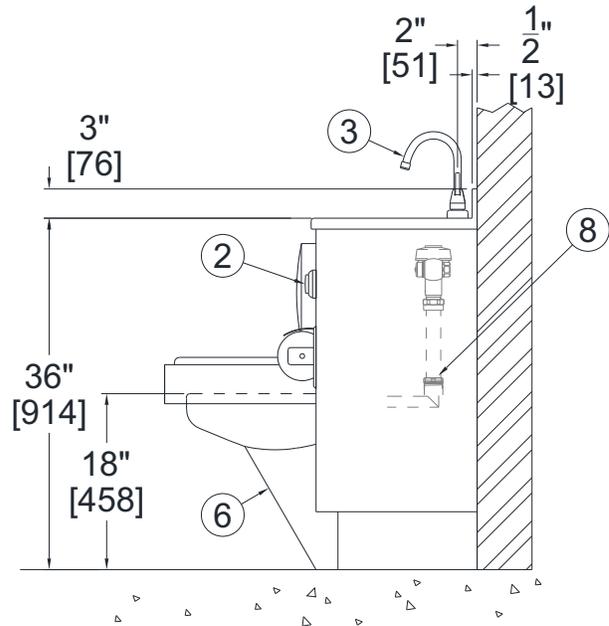
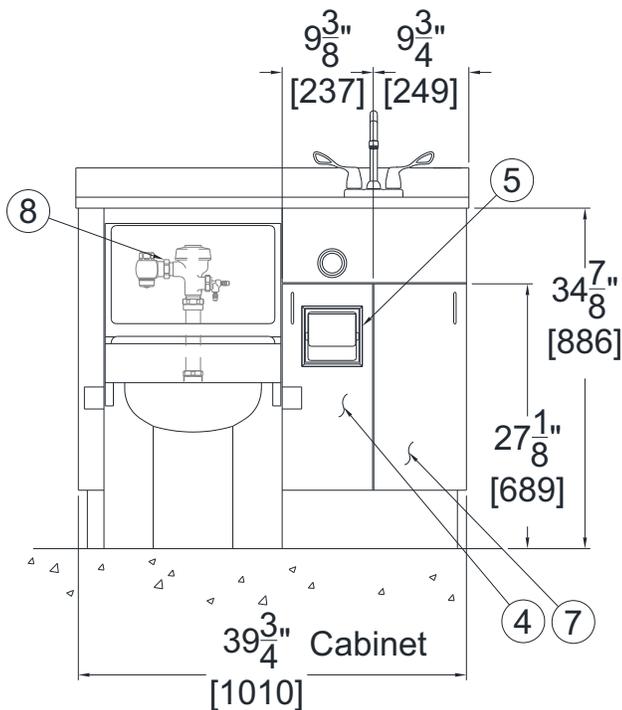


TECHNICAL DIMENSIONS



NOTES:

1. Lavatory (Basin)
2. Flush Valve Pushbutton
3. Lavatory Gooseneck Faucet (-CSG Shown)
4. Bedpan Washer Compartment
5. Toilet Paper Holder
6. Stainless Steel Toilet (On-Floor Shown)
7. Optional Dialysis Box Compartment
8. Hydraulic Flush Valve (Located in Cabinet)

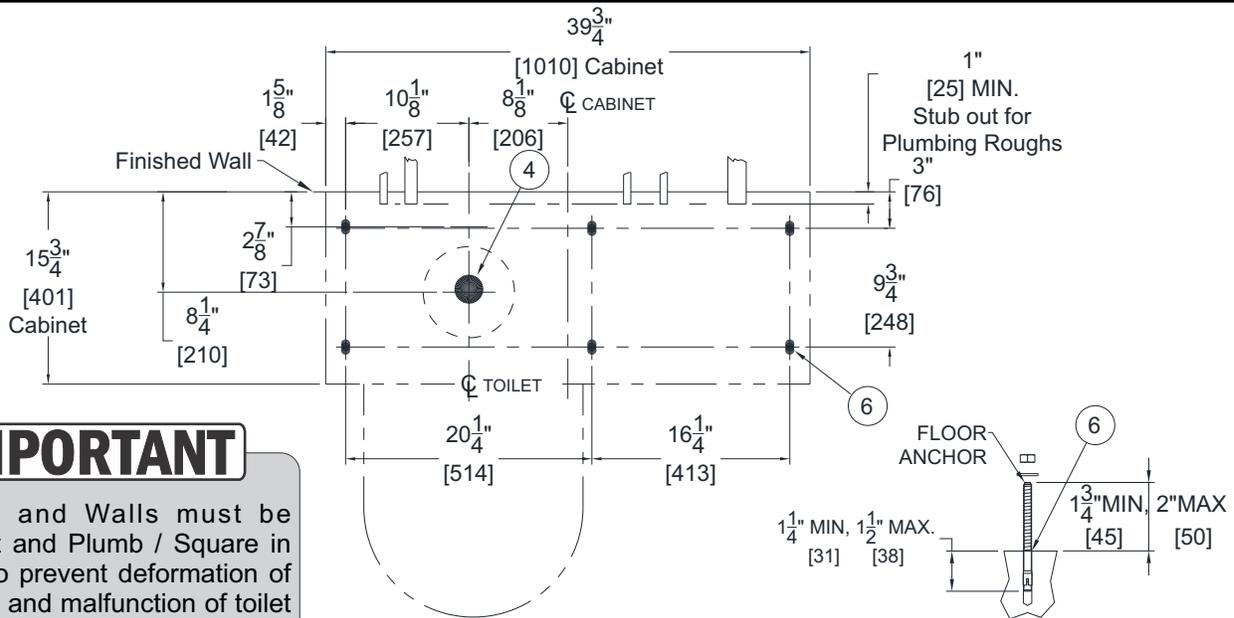


4047-ONFW-L-1-CSG-CCL Shown

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



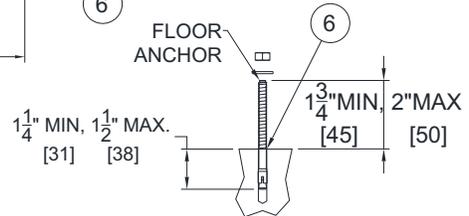
MODEL# 4047 -ONFF FLOOR WASTE ROUGH-INS



! IMPORTANT

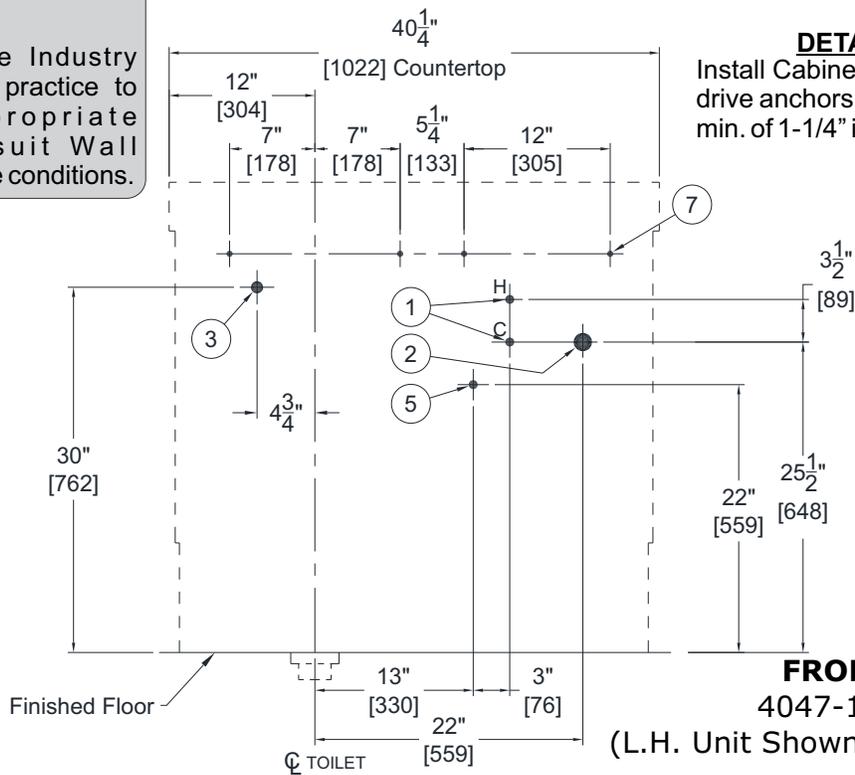
Floors and Walls must be straight and Plumb / Square in order to prevent deformation of cabinet and malfunction of toilet assembly.

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



DETAIL A.

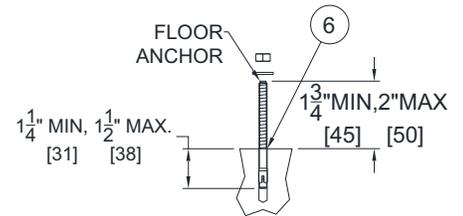
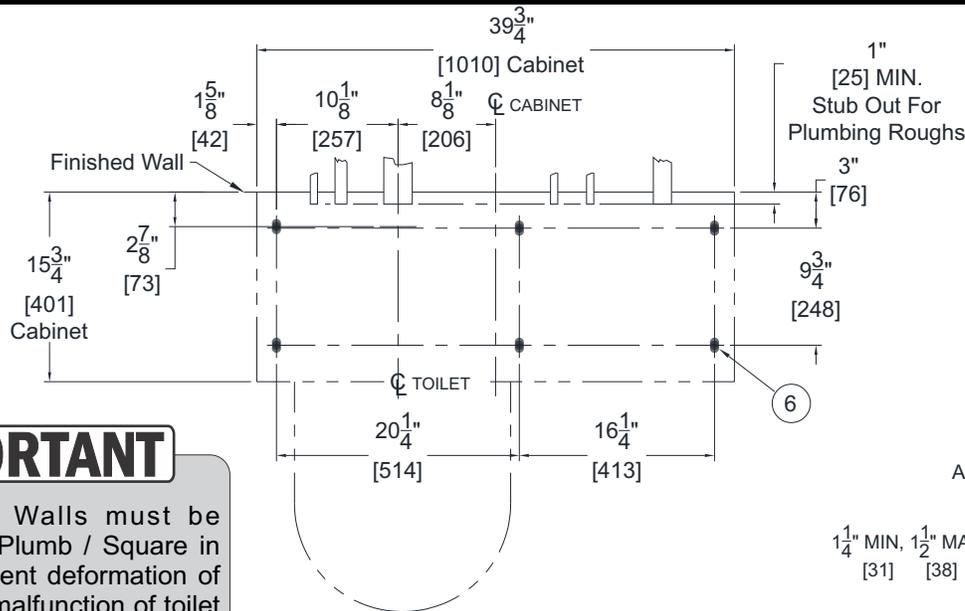
Install Cabinet Anchors [6] as required, drive anchors until they are imbedded a min. of 1-1/4" into the floor.



1. 1/2" IPS Female Lavatory Valve Supplies.
2. 1-1/2" OD Lavatory Waste Outlet (P-trap By Others).
3. 1" NPT Flush Valve Inlet.
4. 7-1/2" Diameter Recessed Gasket Seat with 5/16" Diameter holes on 6" C/C for Waste Outlet for connection to Industry Standard Closet Flange (By Others).
5. 1/2" NCT 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. Floor Anchor Pattern. Drill holes a minimum 1-1/4" deep for 3/8" Expansion Shields Provided. **DETAIL A.**
7. Anchor Wall Pattern on wall for 1/4" Wall Fasteners By Others. **See Note.**



MODEL# 4047 WALL WASTE ROUGH-INS



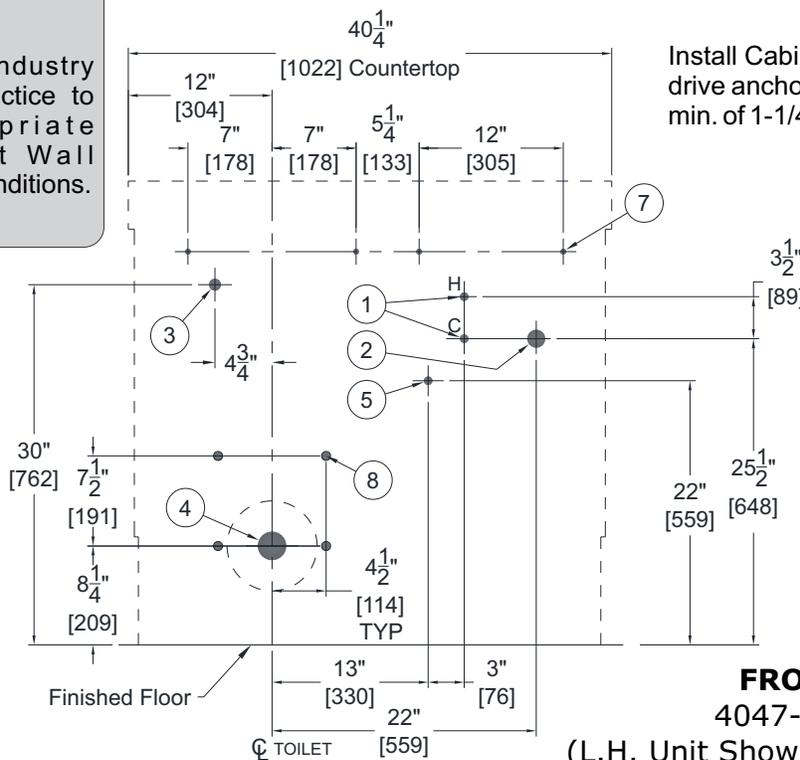
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Install Cabinet Anchors [6] as required, drive anchors until they are imbedded a min. of 1-1/4" into the floor.

! IMPORTANT

Floors and Walls must be straight and Plumb / Square in order to prevent deformation of cabinet and malfunction of toilet assembly.

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



FRONT VIEW

4047-1-L SHOWN

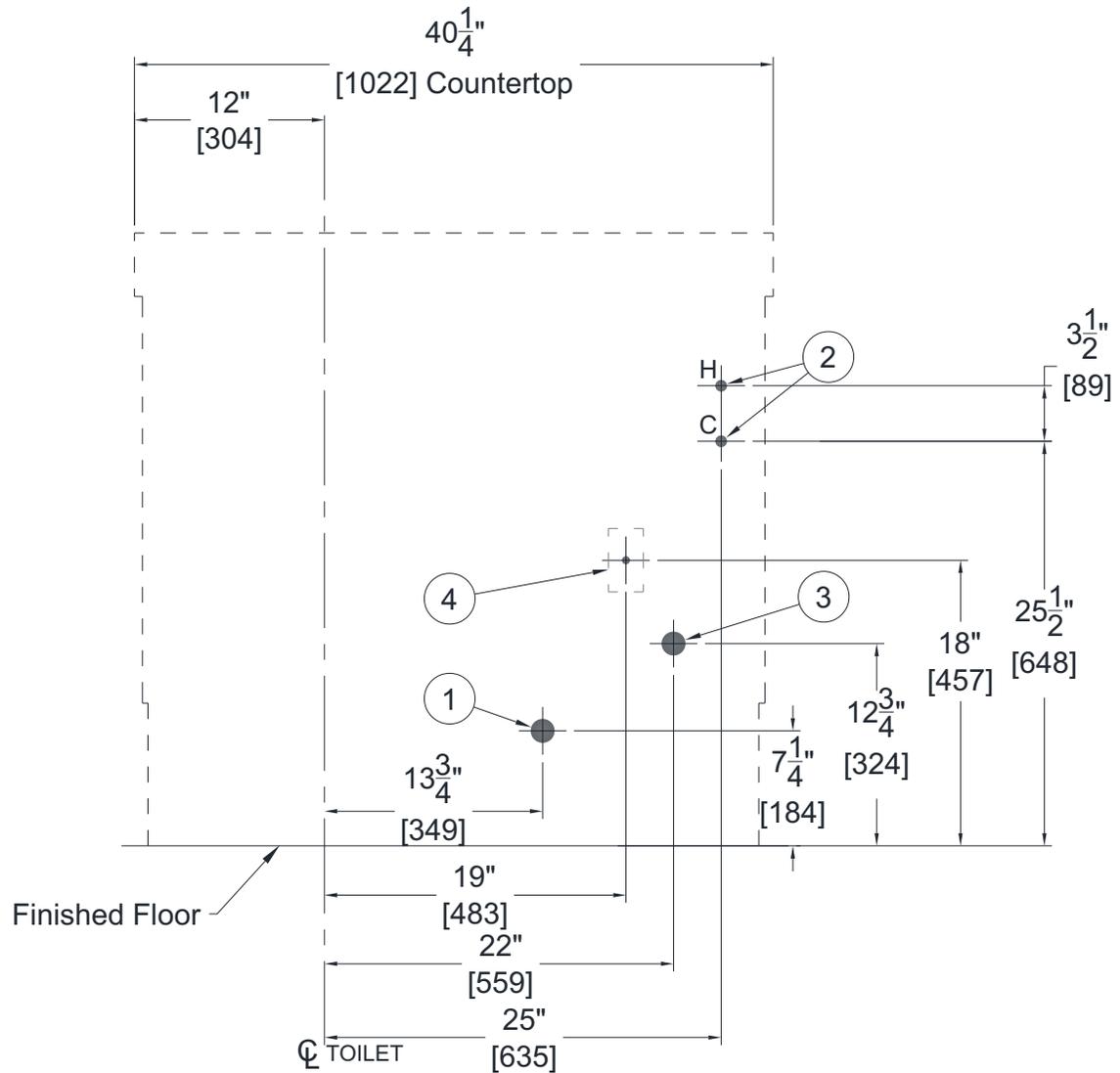
(L.H. Unit Shown, R.H. Unit Opposite)

- 1/2" IPS Female Lavatory Valve Supplies.
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- 1/2" NCT 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.
- Floor Anchor Pattern. Drill holes a minimum 1-1/4" deep for 3/8" Expansion Shields Provided. **DETAIL A.**
- Anchor Wall Pattern on wall for 1/4" Wall Fasteners By Others. **See Note.**
- Models with -OFFW Off-Floor Toilet:** Require (4) 5/8" UNC Studs from suitable Carrier Support (provided by others).



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ROUGH-INS FOR -BWD, -DB OPTIONAL COMPONENTS



FRONT VIEW
4047-1-L SHOWN
(L.H. Unit Shown, R.H. Unit Opposite)

1. -BWD Option: Ø1-1/2" OD Plain End Bedpan Washer Waste Outlet for P-trap By Others.
2. -DB Option: Dialysis Box: 1/2" NPT Valve Supply Inlets. (Single or Dual Valve)
3. Dialysis Box Waste Outlet 1-1/2" OD Tube for P-trap By Others
4. -SO Faucet Option: 110VAC / 60Hz / 3Amps max. Receptacle must be wired to a GFI protected circuit provided By Others.



CABINET INSTALLATION

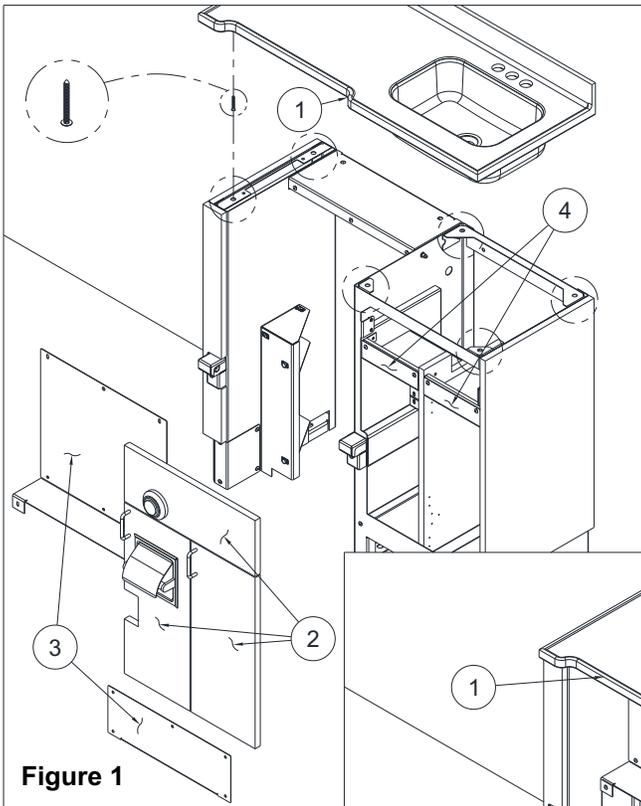
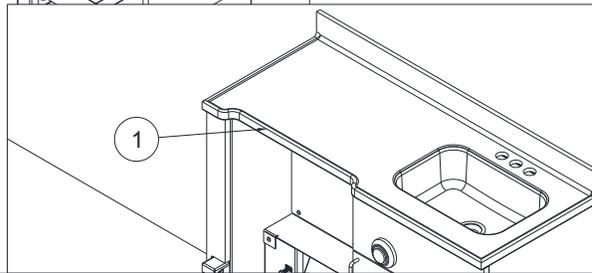


Figure 1

INSTALLATION INSTRUCTIONS:

- Remove Countertop [1], Access Doors [2], Panels [3] and Storage Compartment or Optional Dialysis Box [4]. **FIGURE 1**
- Anchor to floor using provided Anchors and Anchoring Hardware [5]. Level cabinet if Necessary (Detail "A") prior to anchoring Cabinets to wall using 1/4" Lag Screws [6] By Others (Detail "B"). **FIGURE 2**
- Make up Supply and Waste Connections.
- Install Bedpan Washer Supply Adapter [7] with Flexible Hose [8] 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. **FIGURE 1**
- Test for proper operation and re-install Access Doors [2], Access Panels [3] and Storage Compartment or optional Dialysis Box [4].
- Install Countertop [1] to Frame by attaching as required using appropriate mounting hardware (By Others) as shown. **FIGURE 1**



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.

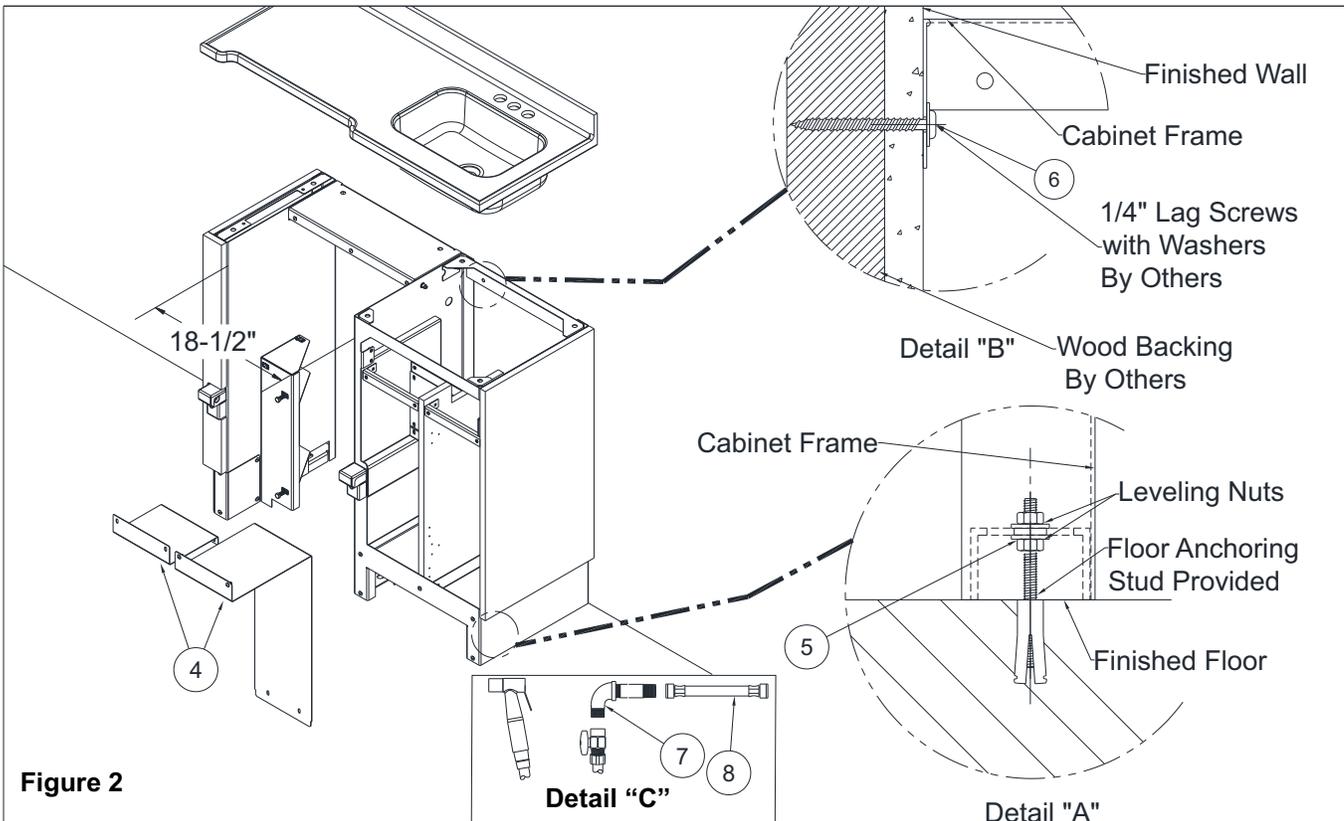
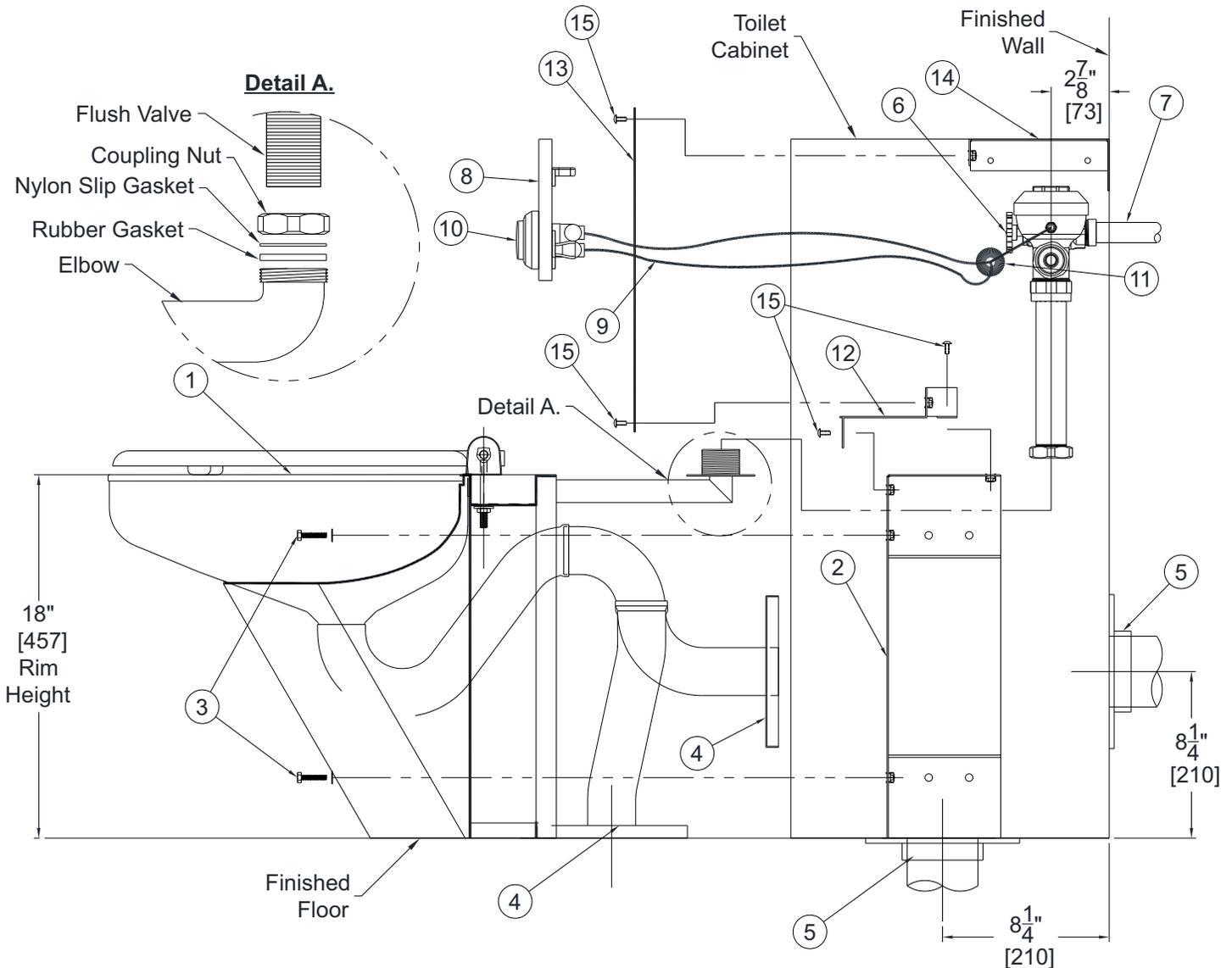


Figure 2



TOILET INSTALLATION



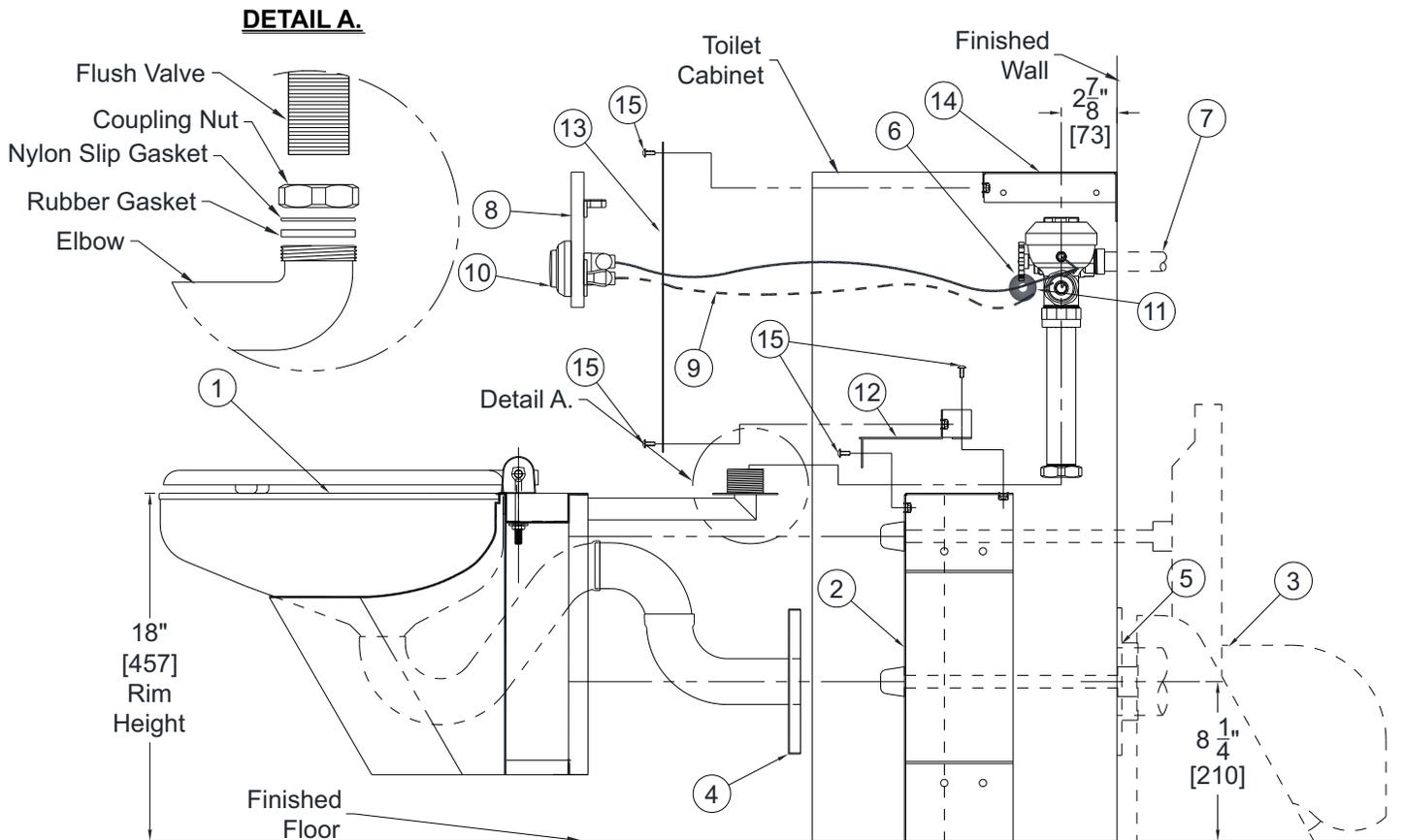
INSTALLATION INSTRUCTIONS -ONFW, -OFFF UNITS:

- A. Install Toilet Bowl Assembly [1] to Toilet Spacer [2] with (4) 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] By Others.
- C. Install Hydraulic Flush Valve [6] to Toilet Assembly [1] and connect Flush Valve Supply [7].
- D. Remove Flush Valve Pushbutton Panel [8] and connect Hydraulic Lines [9] to Pushbutton [10].
- E. Run Hydraulic Lines [9] through Rubber Grommet [11] and connect to flush valve per manufacture's instructions (leaving bulk of Hydraulic Lines in Lavy Compartment to allow removal of Flush Valve Pushbutton Panel [8] without kinking Hydraulic Lines).
- F. Install Toilet Spacer Cover [12] to Toilet Spacer [2] using 10-32 Phillips Head Machine Screws [15].
- G. Install Flush Valve Cover [13] to Spacer Cover [12] and top Mounting Channel [14]. Using 10-32 Phillips Head Machine Screws [15].



INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

TOILET INSTALLATION WITH CARRIER



INSTALLATION INSTRUCTIONS -OFFW UNITS:

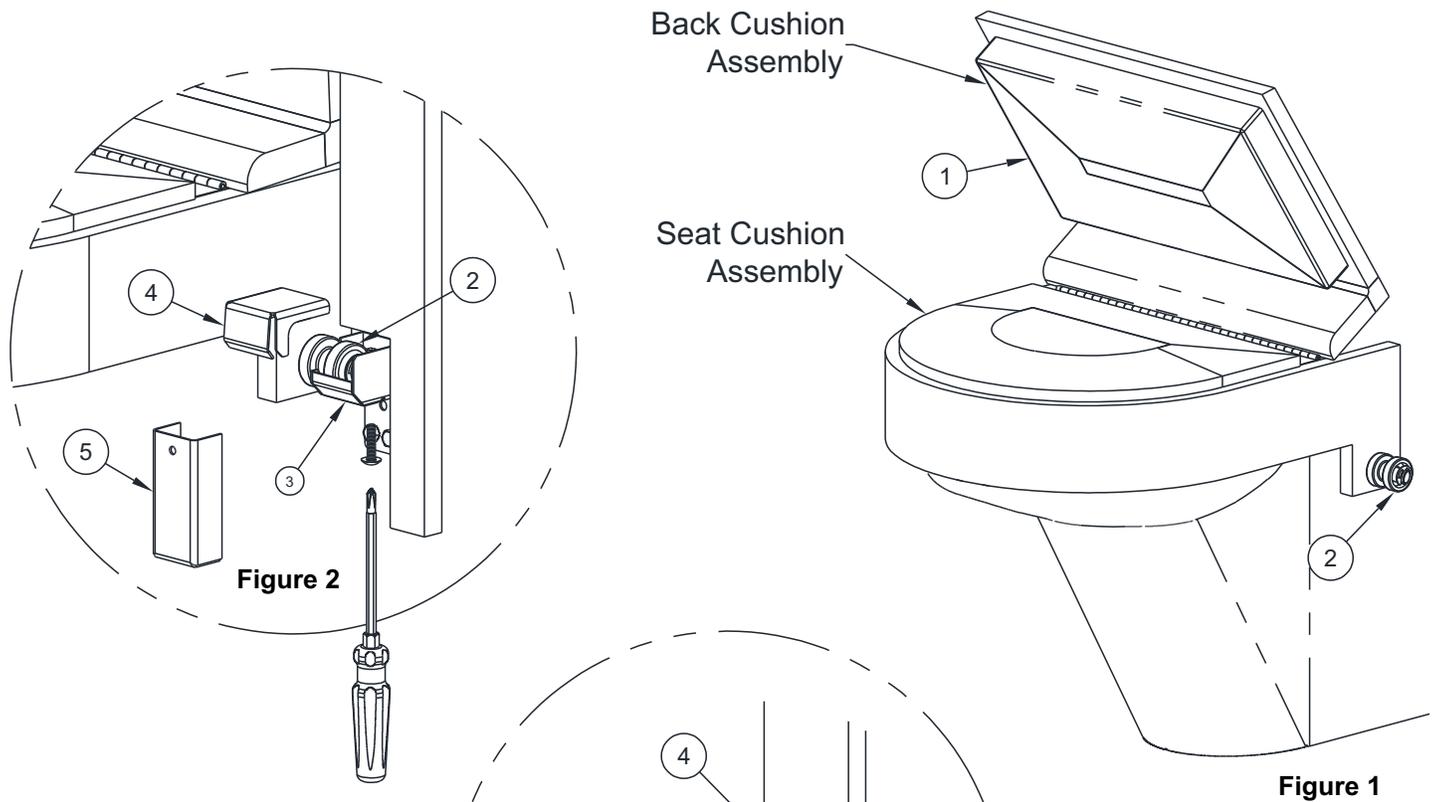
- A. Install Toilet Bowl Assembly [1] to Toilet Spacer [2] with Mounting Carrier [3] By Others.
- B. Make up Waste Outlet Connection [4] to Floor or Wall Waste Connections using Industry Standard Closet Flange, gasket ring, & Closet Bolts [5] By Others.
- C. Install Hydraulic Flush Valve [6] to Toilet Assembly [1] and connect Flush Valve Supply [7].
- D. Remove Flush Valve Pushbutton Panel [8] and connect Hydraulic Lines [9] to Pushbutton [10].
- E. Run Hydraulic Lines [9] through Rubber Grommet [11] and connect to flush valve per manufacturer's instructions (leaving bulk of Hydraulic Lines in Lavy Compartment to allow removal of Flush Valve Pushbutton Panel [8] without kinking Hydraulic Lines).
- F. Install Toilet Spacer Cover [12] to Toilet Spacer [2] using 10-32 Phillips Head Machine Screws [15].
- G. Install Flush Valve Cover [13] to Spacer Cover [12] and top Mounting Channel [14]. Using 10-32 Phillips Head Machine Screws [15].

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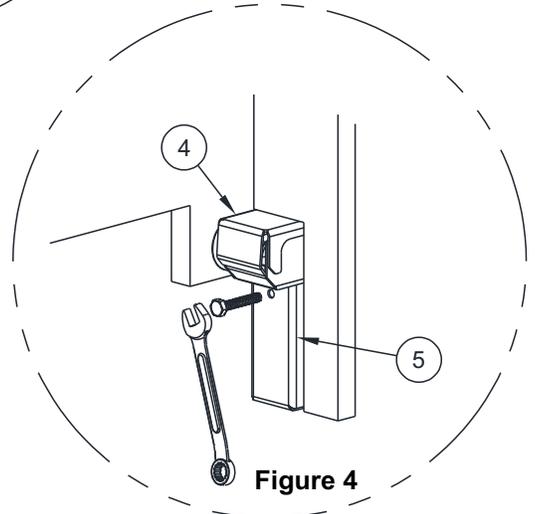
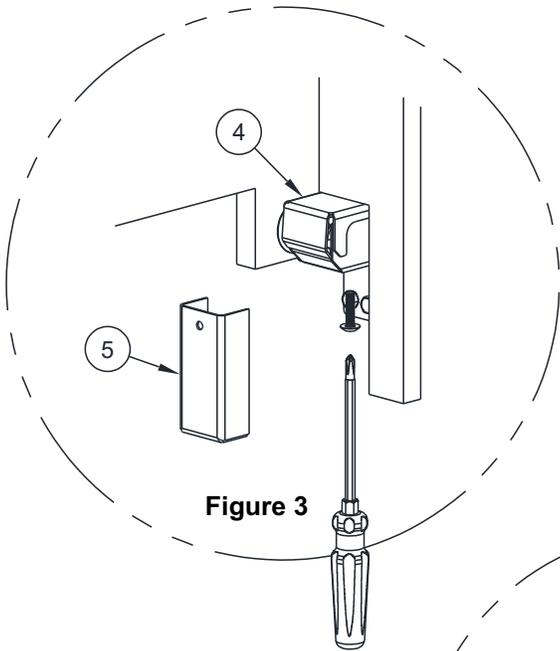
INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

SEAT & CUSHION INSTALLATION



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 Bearings [2] into 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.

