



INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

Care-Ware® Bedside Patient care units

Model:4050 & 4055*

***IMPORTANT:** Specific Product Options alter Cabinet overall size and plumbing rough-ins. Pay Careful attention to specified Fixture Model and coordinate with appropriate Installation details.



4050-L-CSG-DB1-BW-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:

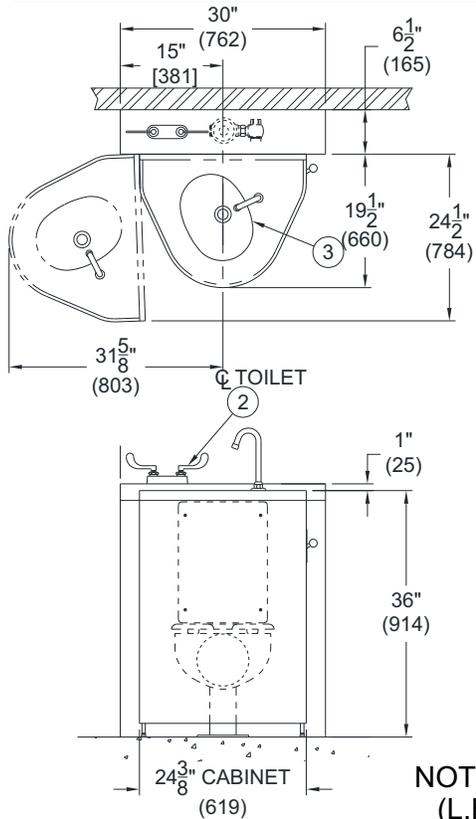
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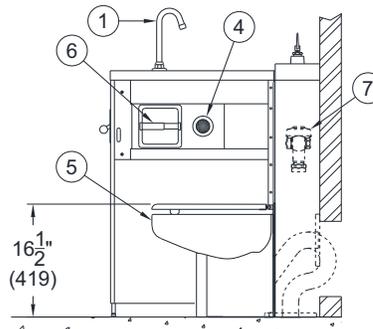


TECHNICAL DIMENSIONS

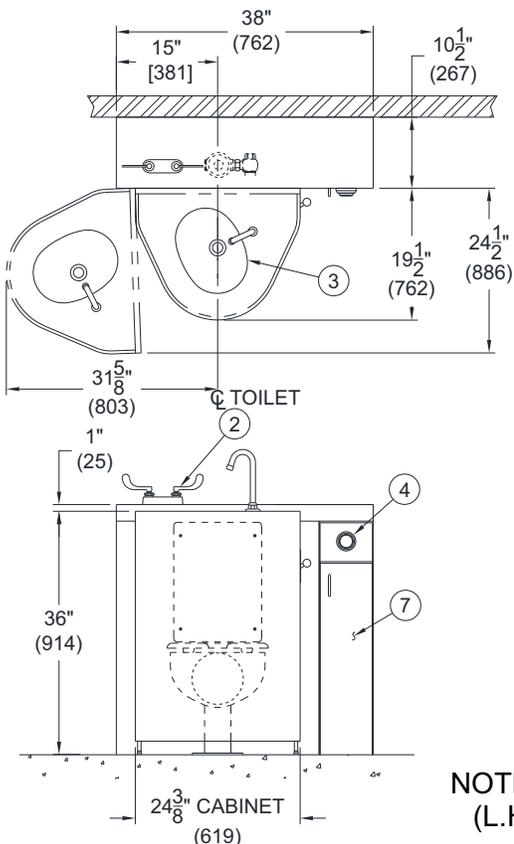


MODEL #4050/4055 STANDARD UNIT; Less -BW Bedpan Washer & -DB Dialysis Box

1. Optional Lavatory -CSG Gooseneck Spout (shown)
2. Optional Lavatory Valve w/ Wrist Blade Handles (shown)
3. Lavatory (Basin)
4. Hydraulic Flush Valve Pushbutton
5. Stainless Steel Toilet
6. Toilet Paper Holder
7. Hydraulic Flush Valve (Located in Cabinet)

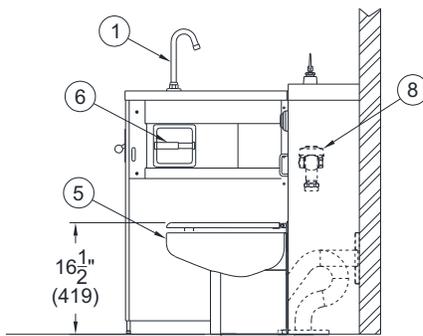


NOTE: All dimensions are in Inches (mm)
(L.H. Unit Shown, R.H. Unit Opposite)



MODEL #4050/4055-BW With -BW Bedpan Washer; Less -DB Dialysis Box

1. Optional Lavatory -CSG Gooseneck Spout (Shown)
2. Optional Lavatory Valve W/ Wrist Blade Handles (Shown)
3. Lavatory (Basin)
4. Exposed Hydraulic Flush Valve Pushbutton W/ Optional -FCI Infectious Control Flush
5. Stainless Steel Toilet
6. Toilet Paper Holder
7. -BW Bedpan Washer Compartment
8. Hydraulic Flush Valve (Located in Cabinet)



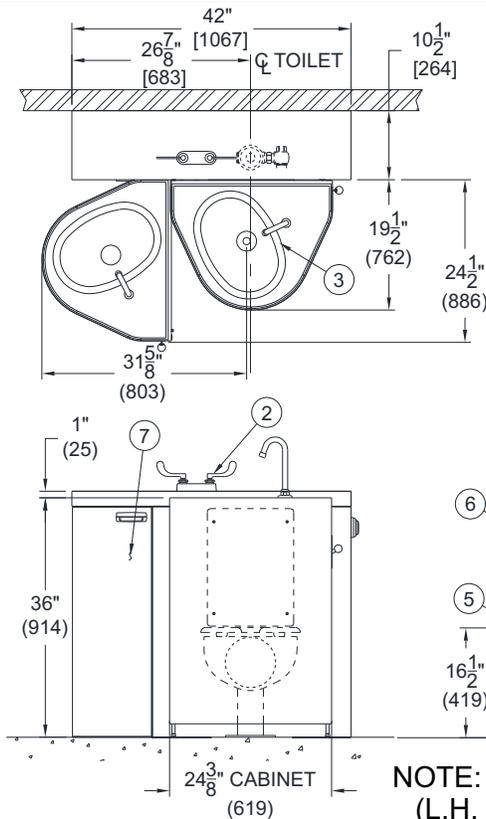
NOTE: All dimensions are in Inches (mm)
(L.H. Unit Shown, R.H. Unit Opposite)



TECHNICAL DIMENSIONS

MODEL #4050/4055-DB

With -DB Dialysis Box; Less -BW Bedpan Washer

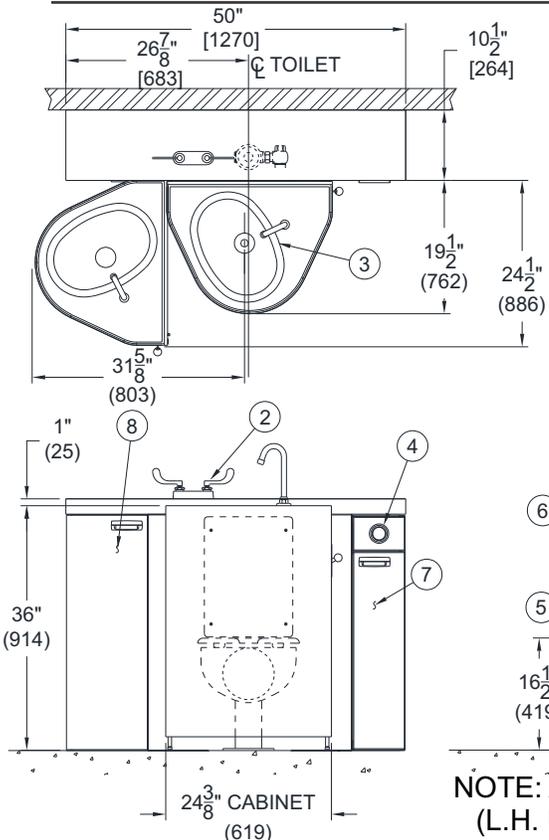


1. Optional Lavatory -CSG Gooseneck Spout (Shown)
2. Optional Lavatory Valve W/ Wrist Blade Handles (Shown)
3. Lavatory (Basin)
4. Exposed Hydraulic Flush Valve Pushbutton W/ Optional -FCI Infectious Control Flush
5. Stainless Steel Toilet
6. Toilet Paper Holder
7. -DB Dialysis Box Compartment
8. Hydraulic Flush Valve (Located in Cabinet)

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

MODEL #4050/4055-BW-DB

With -BW Bedpan Washer & -DB Dialysis Box



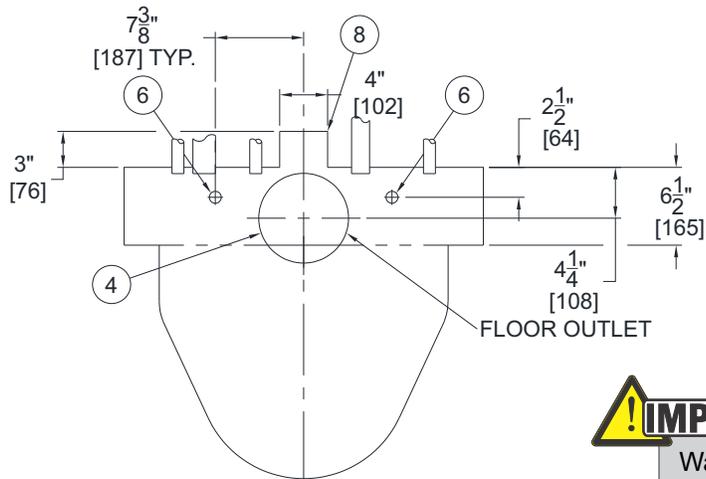
1. Optional Lavatory -CSG Gooseneck Spout (Shown)
2. Optional Lavatory Valve W/ Wrist Blade Handles (Shown)
3. Lavatory (Basin)
4. Exposed Hydraulic Flush Valve Pushbutton W/ Optional -FCI Infectious Control Flush
5. Stainless Steel Toilet
6. Toilet Paper Holder
7. -BW Bedpan Washer Compartment
8. -DB Dialysis Box Compartment
9. Hydraulic Flush Valve (Located in Cabinet)

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



MODEL# 4050/4055 ROUGH-INS

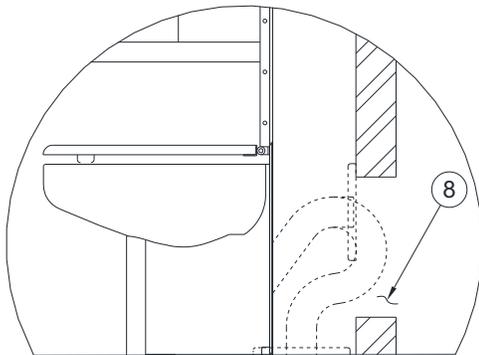
**STANDARD UNIT;
Less -BW Bedpan Washer
& -DB Dialysis Box**



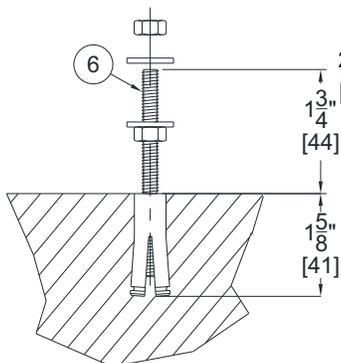
TOP VIEW



Wall must have adequate backing for support at anchoring points.

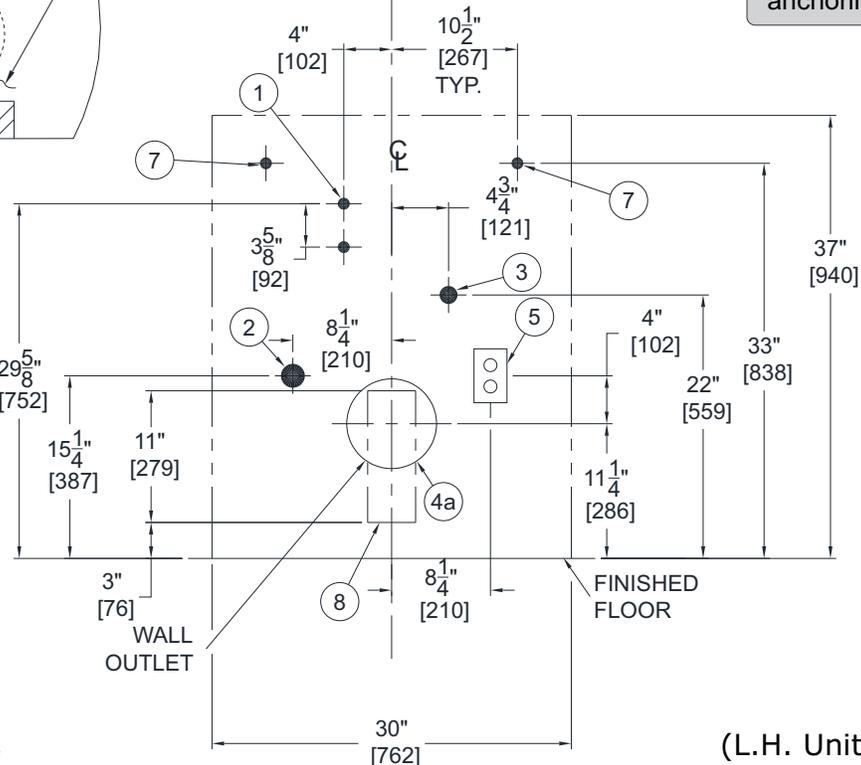


DETAIL [8].



DETAIL A.

Install Floor Anchors [6] as required. Leave a minimum of 1-3/4" of the bolt exposed.



FRONT VIEW

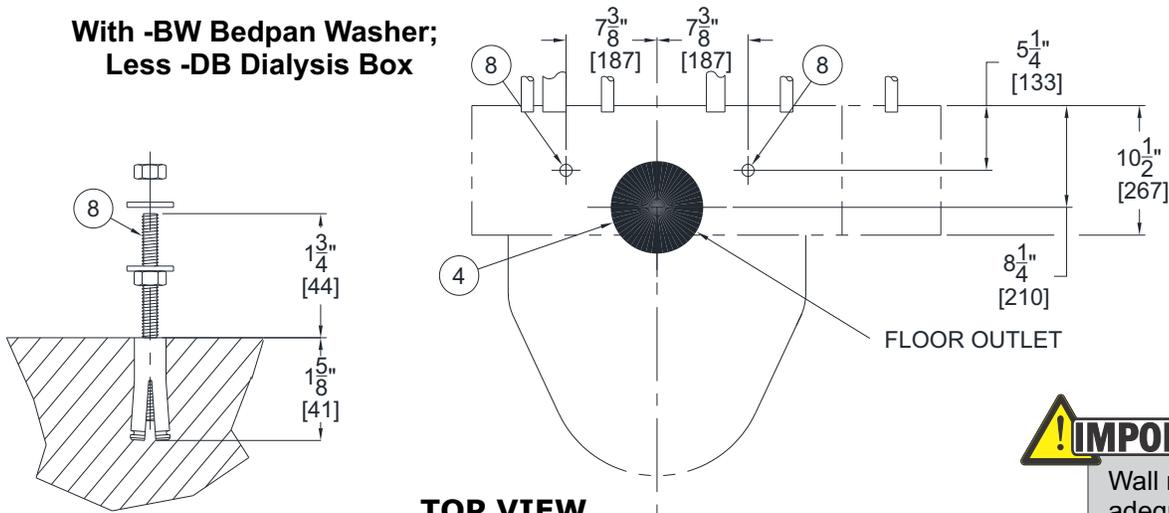
(L.H. Unit Shown, R.H. Unit Opposite)

1. 1/2" NPS Female Lavatory Supplies.
2. 1-1/2" O.D. Lavatory Waste Outlet.
3. 1" NPT Flush Valve Inlet
4. **MODEL 4055 FLOOR WASTE:** 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).
- 4a. **MODEL 4050 WALL WASTE:** 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. -SO Faucet Option: 110VAC Electrical Receptacle for 24VAC Plug-In Transformer. NOTE: Receptacle should be wired to a GFI protected circuit provided by others.
6. (2) Floor Anchors 1/2" Dia. X 1-3/8" Deep. 3/8" Expansion Shields Provided. **DETAIL A.**
7. (2) Wall Anchors 3/4" Dia. Thru Holes. (By Others)
8. Model 4055 Standard Unit Floor Waste Only; Without -BW or -BD Option: Provide 4" x 11" x 3" Deep Wall Blockout. **REQUIRED FOR FLOOR WASTE MODELS ONLY.**



MODEL# 4050/4055-BW ROUGH-INS

With -BW Bedpan Washer;
Less -DB Dialysis Box

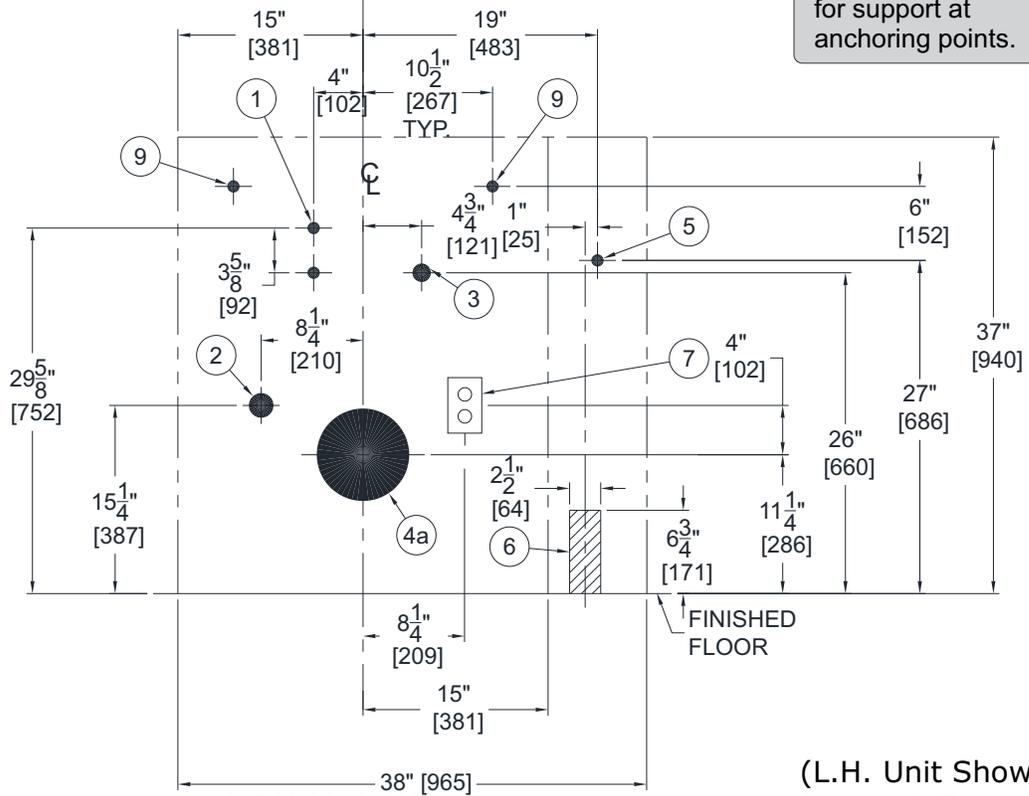


TOP VIEW

! IMPORTANT
Wall must have adequate backing for support at anchoring points.

DETAIL A.

Install Floor Anchors [6] as required. Leave a minimum of 1-3/4" of the bolt exposed.



FRONT VIEW

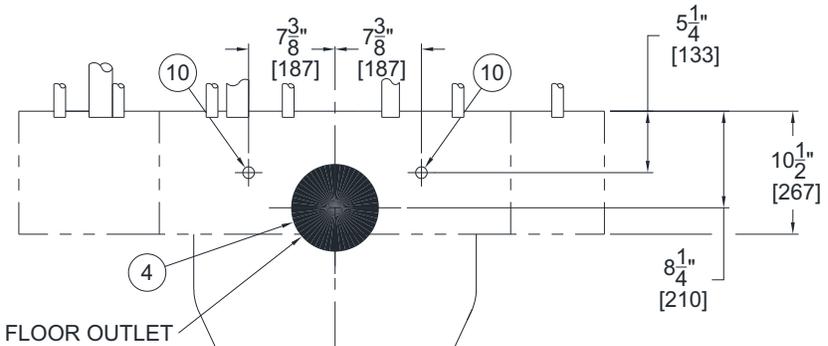
(L.H. Unit Shown,
R.H. Unit Opposite)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. 1/2" NPS Female Lavatory Supplies. 2. 1-1/2" O.D. Lavatory Waste Outlet. 3. 1" NPT Flush Valve Inlet 4. MODEL 4055 FLOOR WASTE: 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). 4a. MODEL 4050 WALL WASTE: 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). | <ol style="list-style-type: none"> 5. 1/2" NCT Bedpan Washer Inlet. 6. Blockout for 1-1/2" O.D. P-Trap (By Others) for -BWD Bedpan Washer Drain. 7. -SO Faucet Option: 110VAC Electrical Receptacle for 24VAC Plug-In Transformer. NOTE: Receptacle should be wired to a GFI protected circuit provided by others. 8. (2) Floor Anchors 1/2" Dia. X 1-3/8" Deep. 3/8" Expansion Shields Provided. DETAIL A. 9. (2) Wall Anchors 3/4" Dia. Thru Holes. (By Others) |
|---|---|



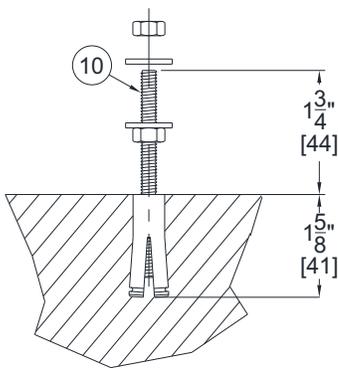
MODEL# 4050/4055-BW-DB ROUGH-INS

With-BW Bedpan Washer
& -DB Dialysis Box



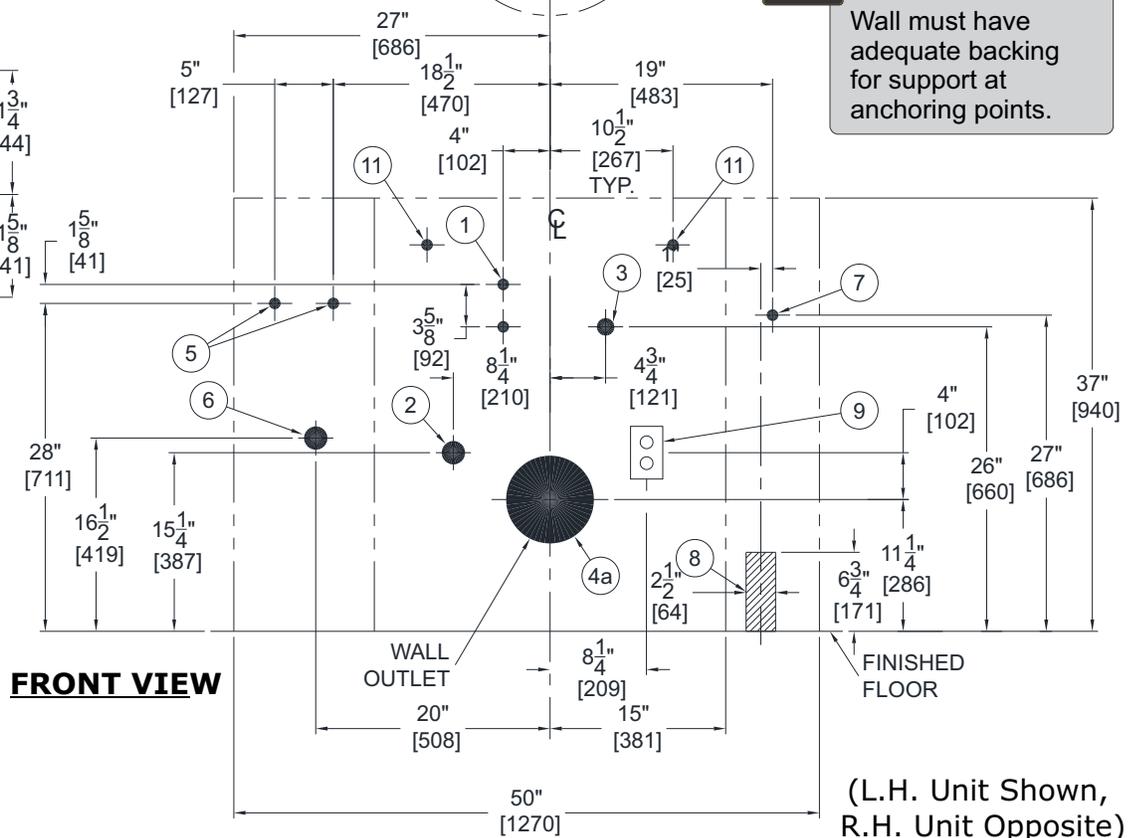
TOP VIEW

! IMPORTANT
Wall must have adequate backing for support at anchoring points.



DETAIL A.

Install Floor Anchors [6] as required. Leave a minimum of 1-3/4" of the bolt exposed.



FRONT VIEW

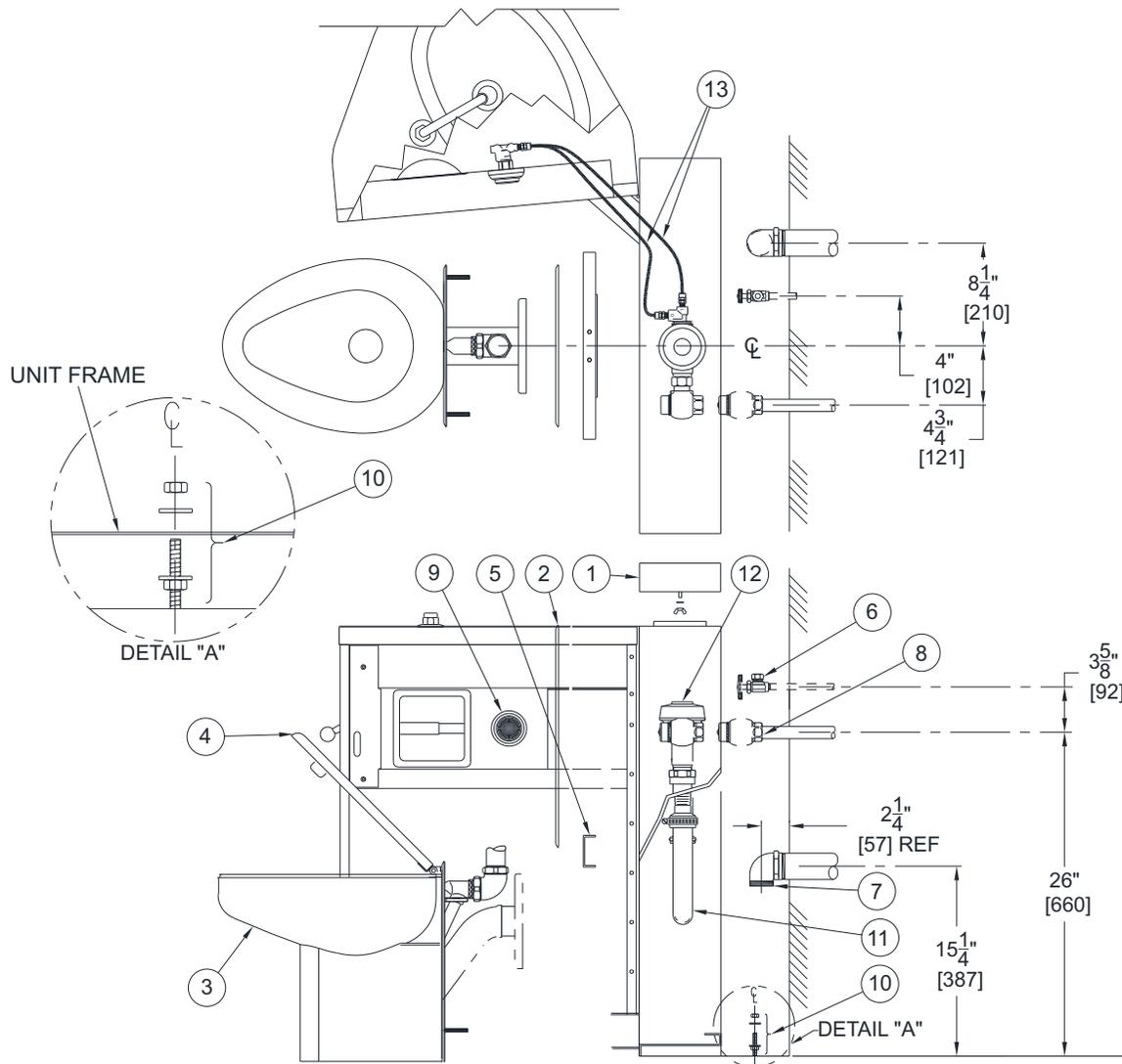
(L.H. Unit Shown, R.H. Unit Opposite)

1. 1/2" NPS Female Lavatory Supplies.
2. 1-1/2" O.D. Lavatory Waste Outlet.
3. 1" NPT Flush Valve Inlet
4. **MODEL 4055 FLOOR WASTE:** 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).
- 4a. **MODEL 4050 WALL WASTE:** 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" NPT Dual Valve Supply Inlet(s) for Dialysis Valve(s) Extend 2-3/4" from wall.
6. 1-1/2" Nominal IPS Dialysis P-Trap (By Others).
7. 1/2" NCT Bedpan Washer Inlet.
8. lockout for 1-1/2" O.D. P-Trap (By Others) for -BWD Bedpan Washer Drain.
9. -SO Faucet Option: 110VAC Electrical Receptacle for 24VAC Plug-In Transformer. NOTE: Receptacle should be wired to a GFI protected circuit provided by others.
10. (2) Floor Anchors 1/2" Dia. X 1-3/8" Deep. 3/8" Expansion Shields Provided. **DETAIL A.**
11. (2) Wall Anchors 3/4" Dia. Thru Holes. (By Others)

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SWINGETTE INSTALLATION



HYDRAULIC FLUSH VALVE NOTES:

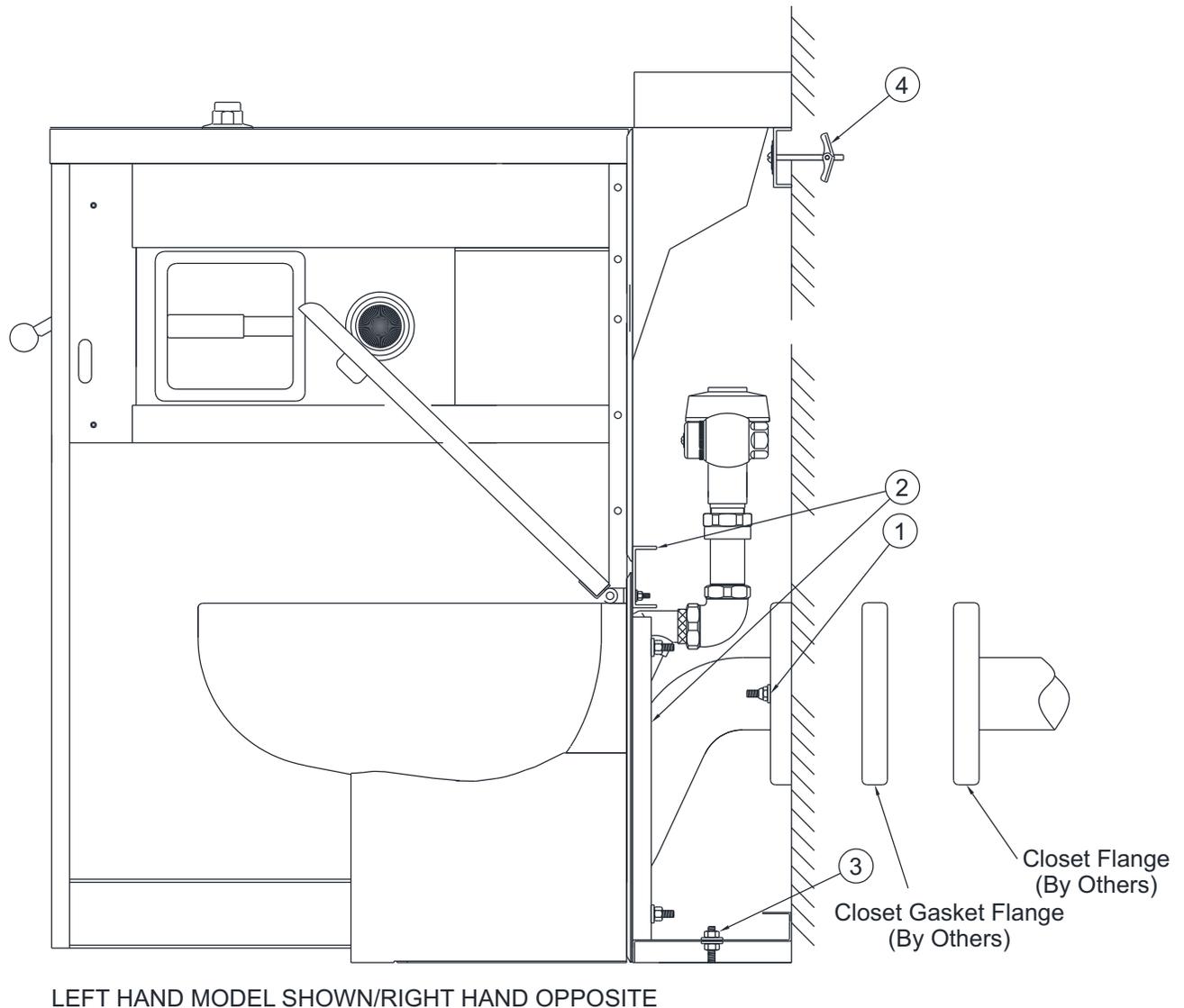
1. DO NOT CUT LENGTH OF TUBING PROVIDED.
2. DO NOT TAPE OR FIX TUBING IN A STATIONARY POSITION.

INSTALLATION INSTRUCTIONS:

- A. Remove Rear Counter [1] and Access Panel [2].
- B. Remove Toilet [3], Seat [4] and Channel [5].
- C. Connect Angle Stops (By Others) [6] to Lavatory Stub Outs. (Lavy Stops not required on -VF option.)
- D. Install Lavatory Waste P-Trap elbow fitting [7] on Lavatory Waste Stubout.
- E. Install Flush Valve Control Stop [8] on Flush Valve Supply Stubout.
- F. Move Cabinet in place. Install Mounting Studs, Washers and Nuts [10] into Expansion shields. Hand Tighten only. See Detail A.
- G. Connect Lavatory P-Trap [11] to Elbow Fitting [7].
- H. Connect Hydraulic Flush Valve [12] to Control Stop [8] and Hydraulic Pushbutton [9]. Connect Flush Valve Pushbutton Tubing [13] to Flush Valve [12]. (Designated by "0" and "L" on the Flush Valve and Pushbutton). Locate lines through Cabinet as shown. Tighten Vacuum Breaker Nut by hand only. See Flush Valve notes.
- I. Proceed to next page for further instructions.



SWINGETTE INSTALLATION



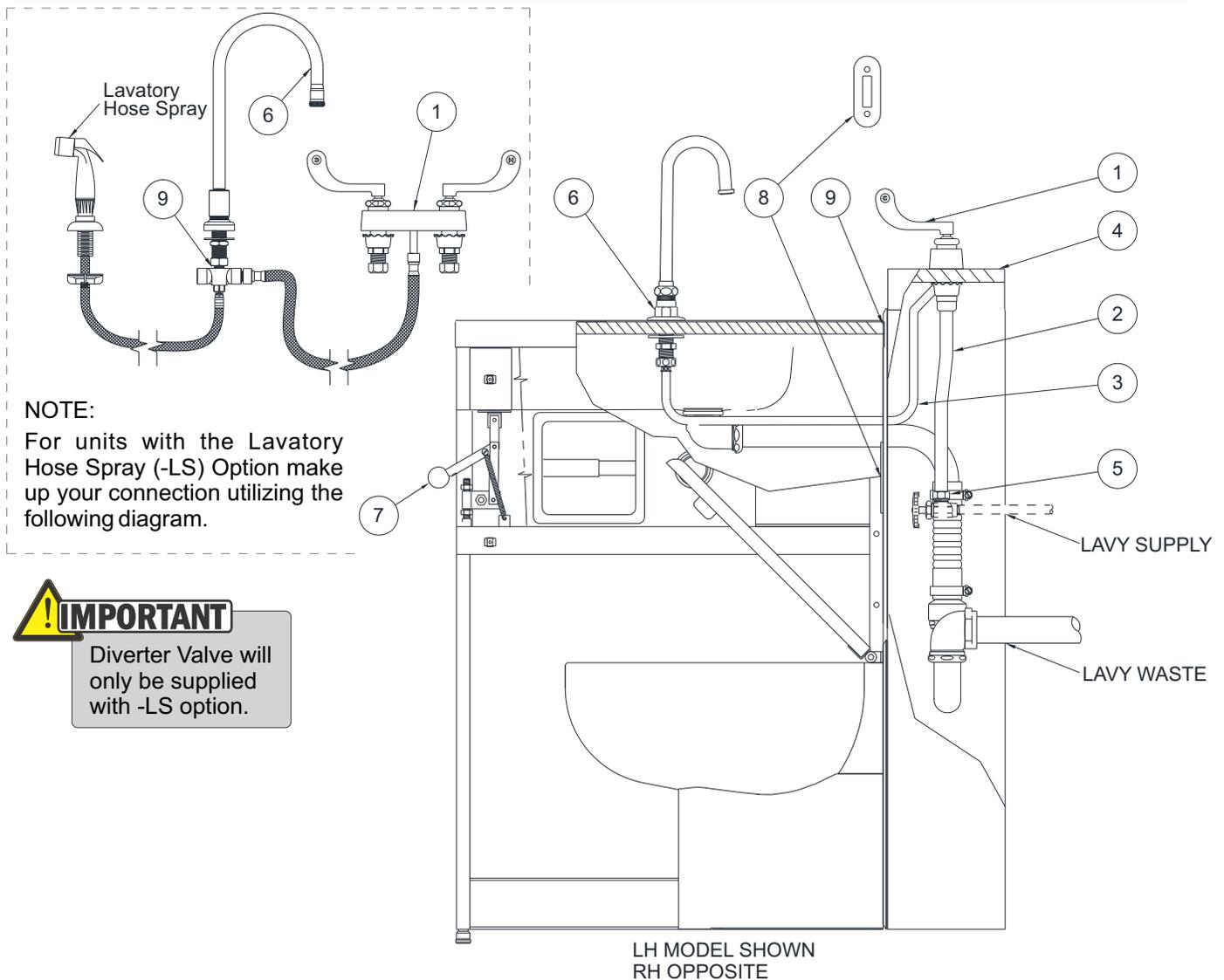
INSTALLATION INSTRUCTIONS:

- A. Reinstall Toilet making appropriate Waste Connection. Hand tighten recessed Gasket Flange Nuts [1].
- B. Reinstall Toilet Mounting Channels, Washers, and Toilet Seat [2]. Note Toilet must be level and square to Cabinet.
- C. Tighten Floor Mounting Nuts [3]. Unit must be square to floor. Insert Wall Fasteners [4] and tighten.
- D. Complete tightening Recessed Gasket Flange Nuts [1].
- E. Proceed to next page for further instructions.



INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

SWINGETTE HARDWARE INSTALLATION



INSTALLATION INSTRUCTIONS:

NOTE: For Foot Operated Valve -VF see Foot Operated Installation Instructions.

A. Mount Wrist Blade Valve [1] to Rear Counter [4]. Connect Supply Piping (By Others) [2] to Valve. Connect Flexible Gooseneck Supply Hose [3] to Valve Outlet.

B. Reinstall Rear Counter [4] to Cabinet.

NOTE: Lavatory Supply Hose (By Others) [2] must clear Drain Pipe Cover.

C. Connect Lavatory Supplies (By Others) [2] To Angle Stops (By Others) [5].

D. Install Gooseneck to Gooseneck Escutcheon [6]. Make up Flex Supply [3] connection to Gooseneck [6].

NOTE: For units with -LS option connect as shown to Gooseneck Diverter [9].

E. Adjustable Locking Support [7] is factory adjusted. Job site conditions may require additional adjustment. To adjust, remove Latch Mechanism Cover, and adjust Locking Support so Front Cabinet is held firmly in open position with Handle in down position.

F. Latch Striker Plate [8], on Rear Cabinet, is factory adjusted. After adjusting Locking Support, Striker plate should be adjusted, if necessary.

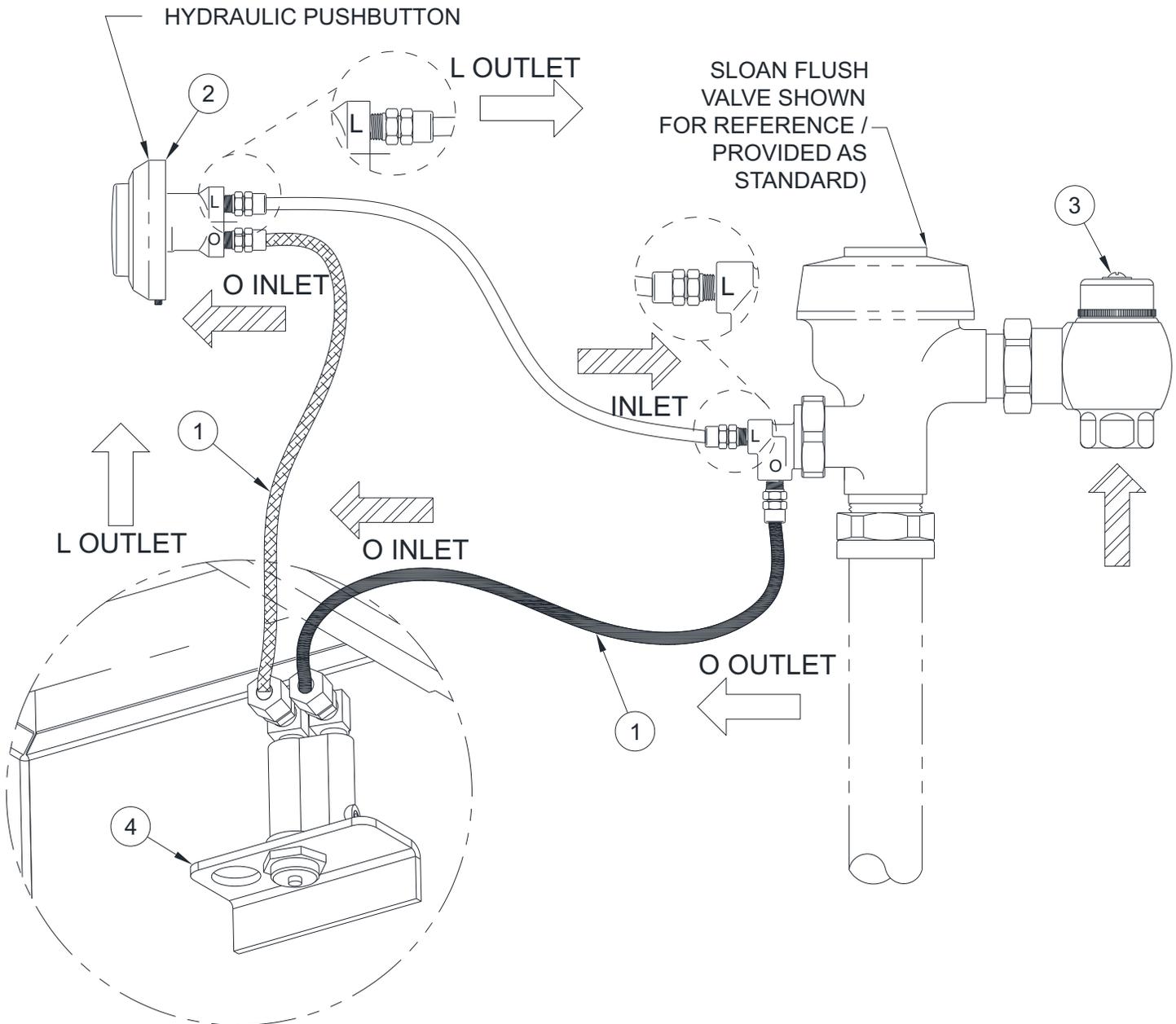
G. Reinstall Access Panel on Rear Panel [9].

H. Inspect all water connections and check for leaks.

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-FCI INFECTIOUS CONTROL FLUSH DETAIL



INSTALLATION INSTRUCTIONS:

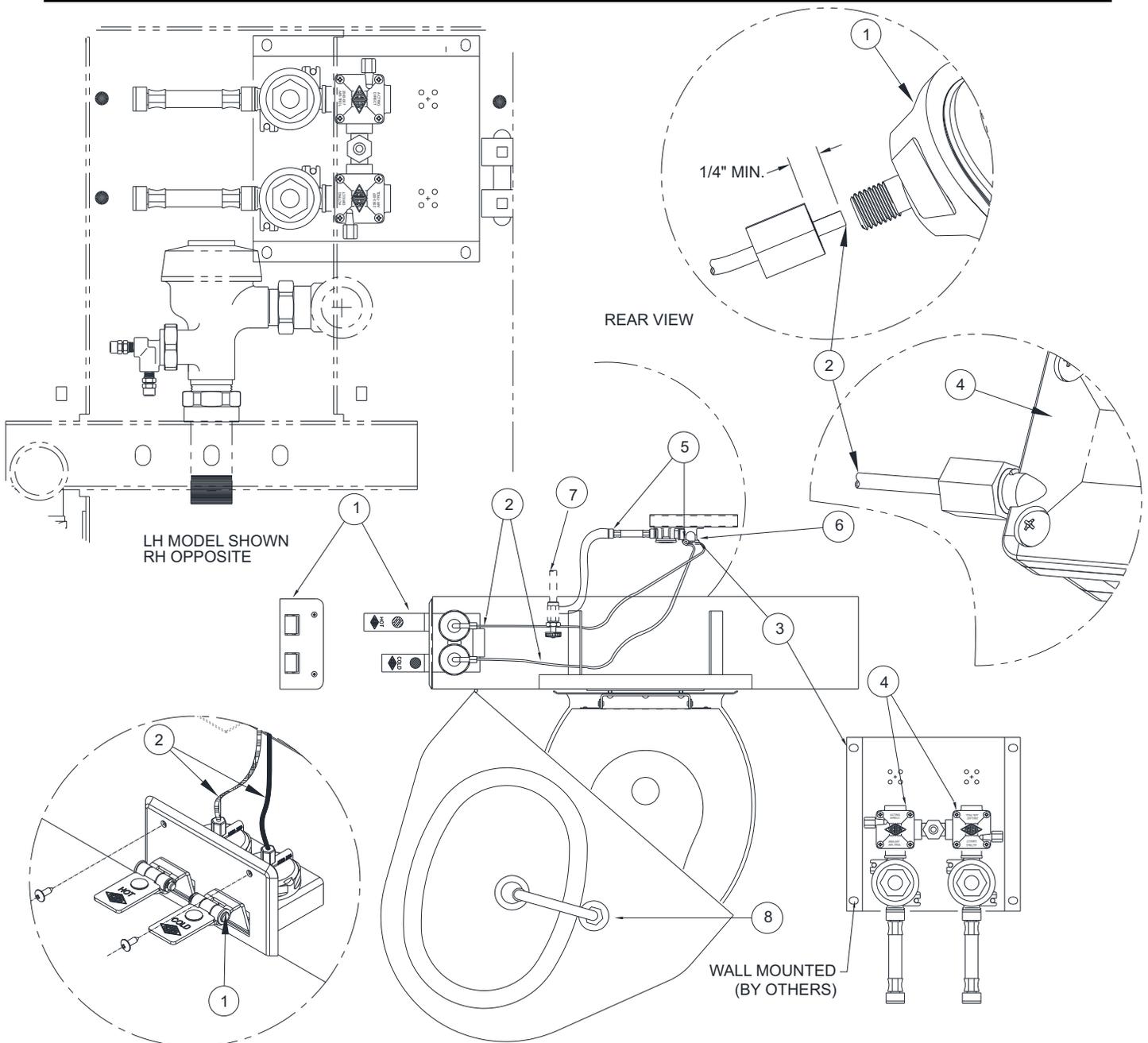
- A. Connect the 1/4" Supply Tubing [1] to the appropriate position on the Pushbutton Assembly [2]. Connect the 1/4" Tubing [1] from the Flush Valve [3] to the Switch [4], and from the switch to the Pushbutton [2] using the tubing supplied with the Flush Valve.
- B. Check the operation of the Flush Valve and the -FCI, Observe for leaks.

NOTE: The -FCI Flush Valve interrupt 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.



INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

OPTIONAL-VF FOOT VALVE INSTALLATION



INSTALLATION INSTRUCTIONS:

- Install Foot Pedal Assembly [1] with two Screws Provided.
- Attach 1/8" Dia. Polyethylene Air Lines [2] from Foot Pedal Assembly [1] to Valve Assembly [3] with 1/8" Ferrule Nuts [4].
- Connect Supply Piping (By Others) [5] to Valve. Connect Flexible Gooseneck Supply Hose [6] to Valve Outlet. Supply Hose must clear Drain Pipe Cover.
- Connect Lavatory Supplies to Angle Stops (By Others) [7].
- Install Gooseneck [8] to Gooseneck Escutcheon.
- Inspect all water connections and check for leaks.

*NOTE: Make sure that Foot Valves coordinate with proper hot and cold supplies.

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