



Whitehall Manufacturing®
Manufacturer of Healthcare and Rehabilitation Products since 1946

Model WH3820 Series

Ligature Resistant Corterra® ADA
Compliant Alcove Basin



WH3821-BBRT-WH3375-HC-SO (SHOWN)



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.

Industry standard wall backing, for wall hung fixtures, is required. Installer provided wall anchors and wall anchoring hardware must be appropriate for wall construction.

ANSI, UFAS or ADA compliance is subject to the interpretation and requirements of the local code authority and is the responsibility of the installer for verification.

Single Temp Valve Assembly: Recommended working water pressure is 30 psi (2.07 bars) minimum to 100 psi (6.89 bars) maximum. Maximum temperature is 130°F (54.4°C). Maximum outlet temperature recommended is 105°F (40.6°C). Valve assembly must be drained prior to being subjected to freezing temperatures. A checkstop is provided with this valve assembly.

T/P Mixing Valve Assembly: Recommended working water pressure is 30 psi (2.07 bars) minimum to 100 psi (6.89 bars) maximum. Maximum hot water temperature is 180°F (82°C). Temperature adjustment range is 85-115°F (29-46°C). Minimum hot water supply temperature must be 5°F (3°C) above desired set temperature. Valve assembly must be drained prior to being subjected to freezing temperatures. The valve assembly has checks integral to the inlets however, angle stops are to be provided by the installer.

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.

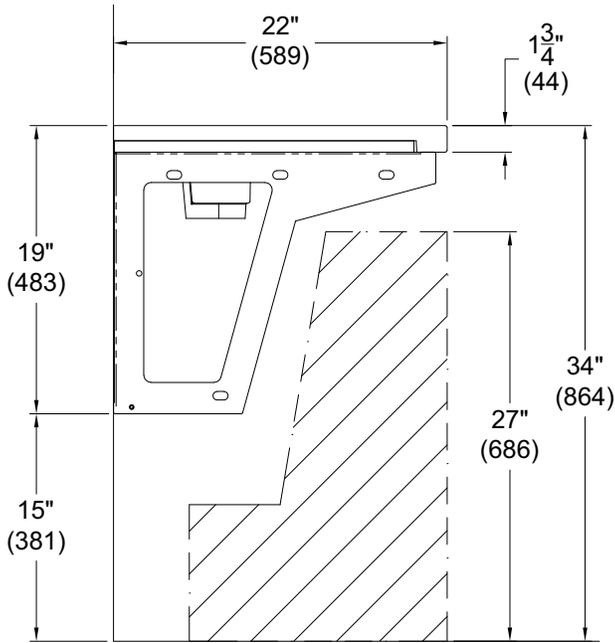
Teflon tape is recommended on all threaded waste and supply connections to reduce the possibility of leaks.

Provide 110-120VAC/60Hz/3A (MAX) electrical receptacle for optional factory supplied 120VAC/9VDC, 100mA plug-in transformer.

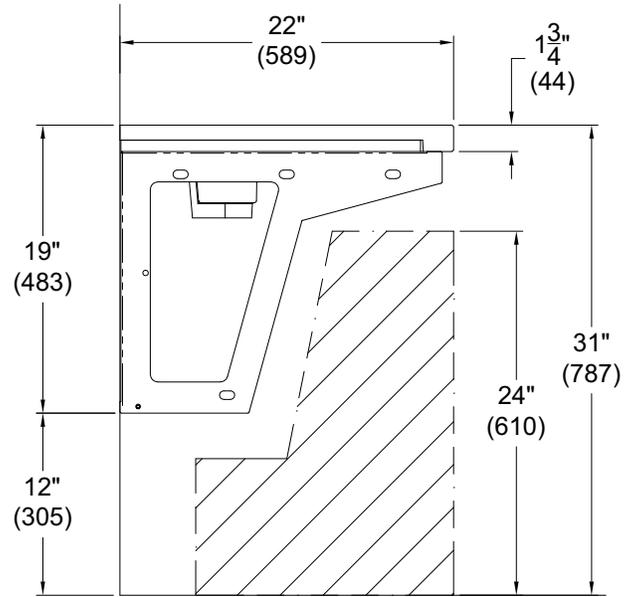
NOTE: Receptacle(s) must be wired to a GFCI protected circuit. Fixture must be earth grounded per N.E.C. (National Electrical Code).



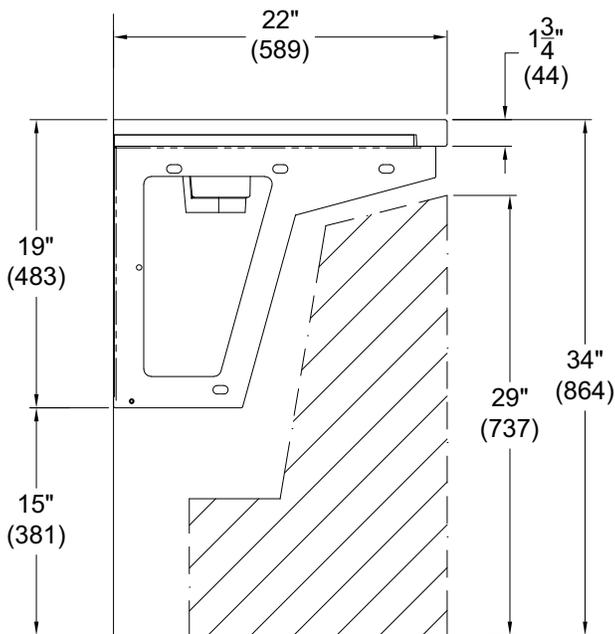
ACCESSIBILITY OVERVIEW



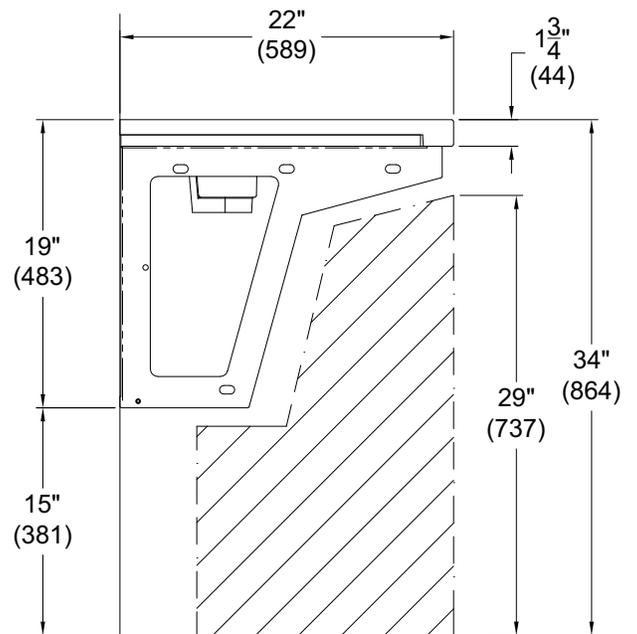
**ADA
Adult**



**ADA ages
6 thru 12**



**CBC
(California Building Code)**



**OBC
(Ontario Building Code)**

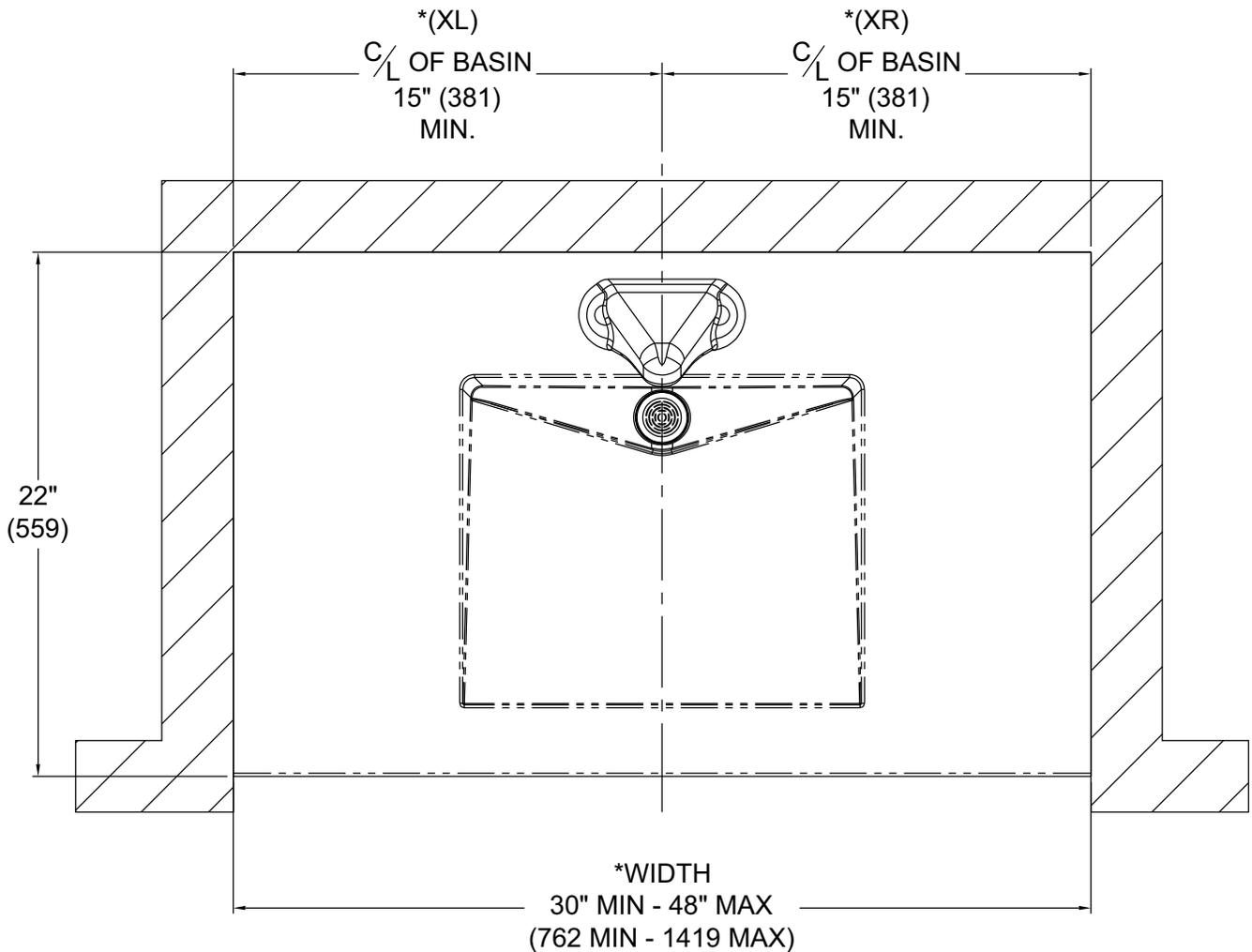


DIMENSIONAL DATA

FOR PROPER INSTALLATION, INSTALLER MUST BE PROVIDED WITH SIGNED SUBMITTAL THAT INDICATES CENTERLINES OF BASIN(S)

NOTE: CUSTOMER MUST VERIFY SPECIFIED DIMENSIONS INDICATED WITH (*) MEET LOCAL ACCESSIBILITY STANDARDS

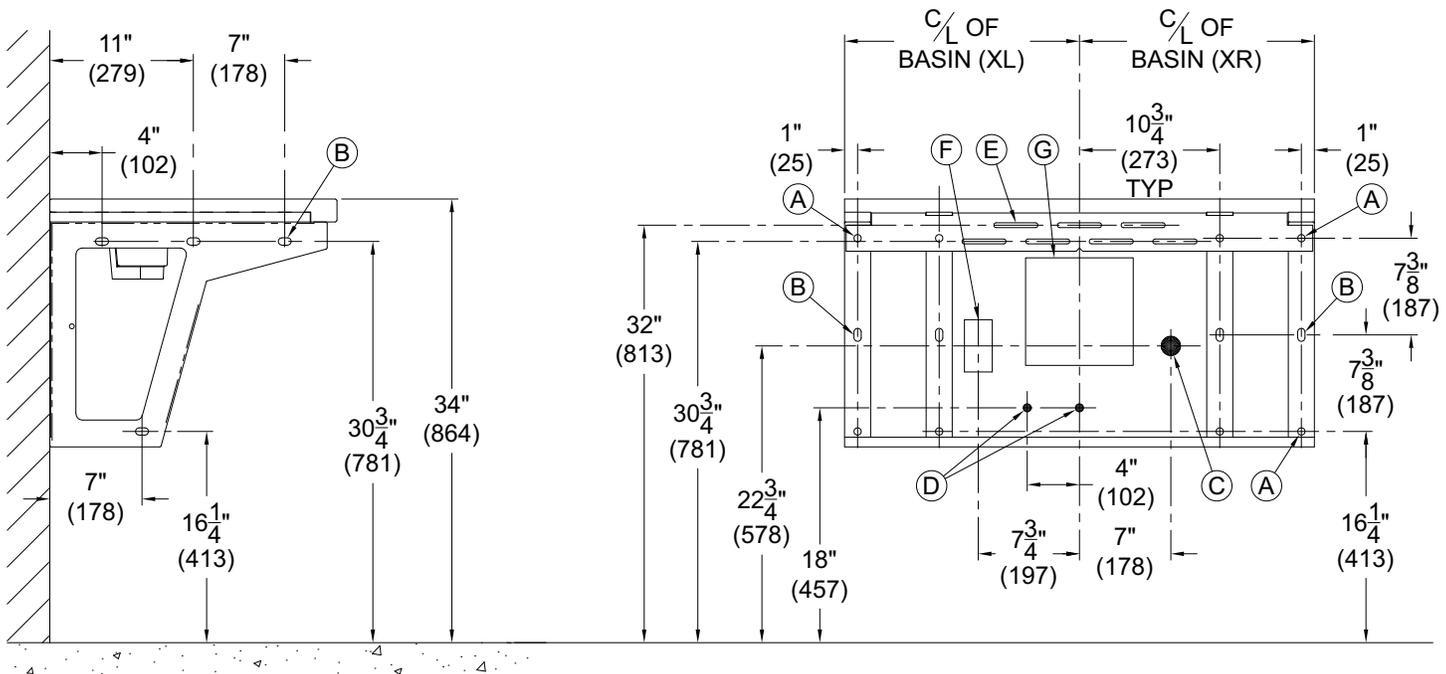
DIMENSIONAL LEGEND			
KEY	DESCRIPTION	KEY	DESCRIPTION
XL	CENTER OF FIRST BOWL FROM LEFT SIDE OF DECK	XR	CENTER OF LAST BOWL FROM RIGHT SIDE OF DECK



WH3821-BBED SHOWN, WITH WH3375-SO



ROUGH-IN DIMENSIONS -ADA (Adult) And OBC Ontario Building Code (Canada)



**VIEW FROM LEFT SIDE
RIGHT SIDE OPPOSITE**

VIEW FROM FRONT OF FIXTURE

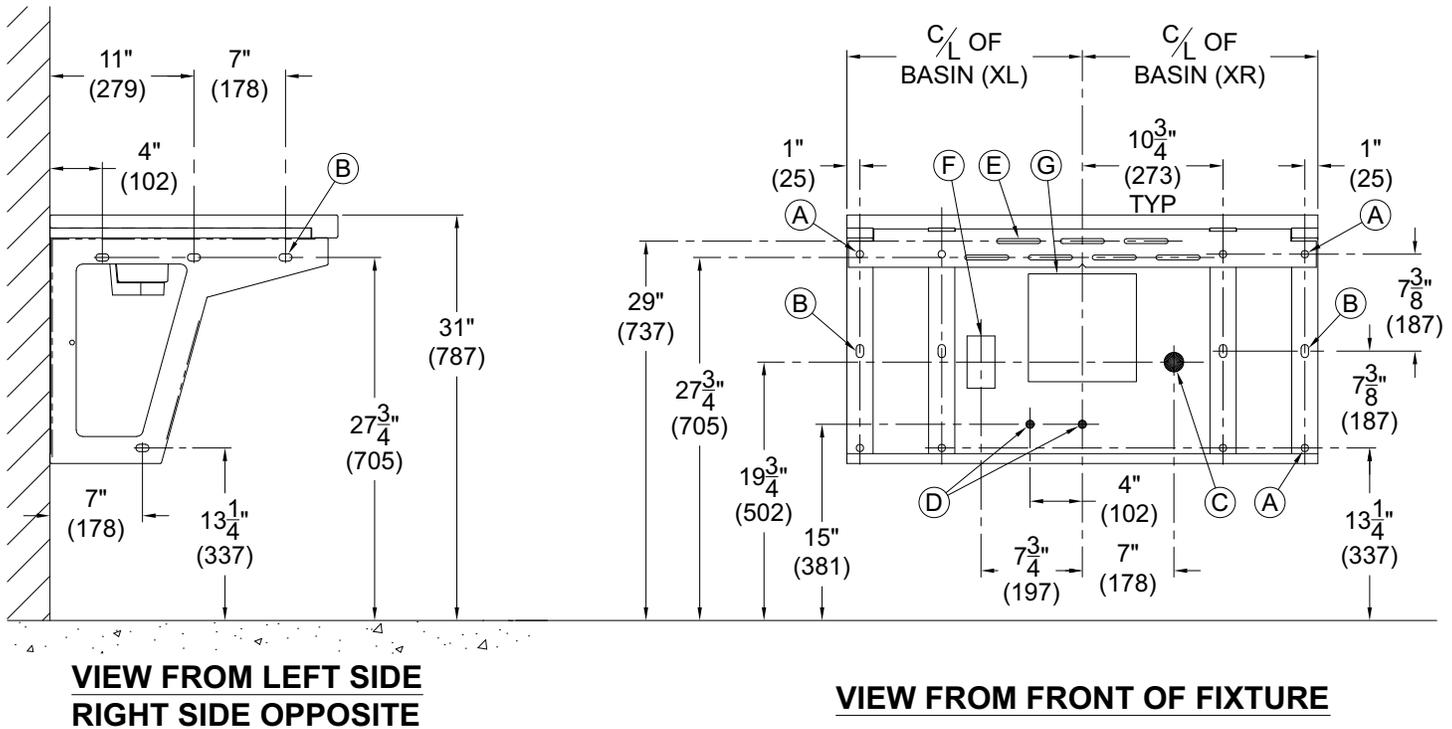
- (A) 9/16" Diameter Mounting Holes for Mounting Frame, provided. Fasteners and Wall Anchors are provided by others. Installer is to use Industry Standards of Best Practice to suit wall type and construction, weight of fixture and application.
- (B) 9/16" x 1" Mounting Slots for Mounting Frame, provided. Fasteners and Wall Anchors are provided by others. Installer is to use Industry Standards of Best Practice to suit wall type and construction, weight of fixture and application.
- (C) 1-1/2" O.D. Tube Lavy Waste Outlet for Compression Joint.
- (D) 1/2" NPS Hot & Cold Supplies for Angle Stops (By Others).
- (E) 3/8" x 3-3/8" Mounting Slots (7), Fasteners and Wall Anchors are provided by others. Installer is to use Industry Standards of Best Practice to suit wall type and construction, weight of fixture and application.
- (F) 120VAC, 60Hz, 3A (Max) GFCI Protected, Electrical Receptacle for Optional Electronically Operated Faucets.
- (G) 8-1/4" x 8-1/4" (210 x 210) Optional Faucet Valve mounting area.

GENERAL NOTES:

1. All Dimensions Are In Inches (MM)



ROUGH-IN DIMENSIONS -ADA AGES 6 THRU 12 YEARS



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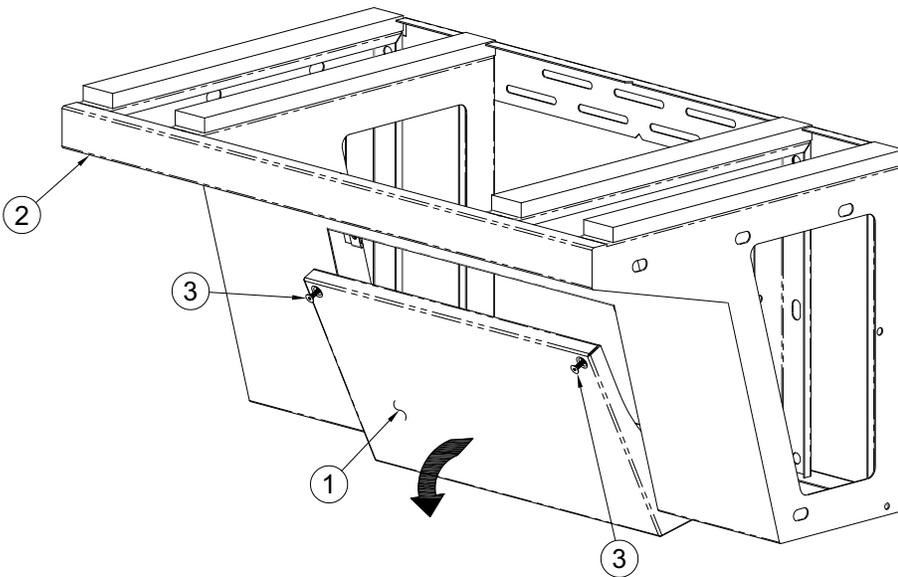
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1. All Dimensions Are In Inches (MM)



PRE INSTALLATION

- 1** Prior to installation of Frame Assembly **1** inspect for damages, and back out, **do not remove**, Vandal Resistant Screws **2** from Hinged Access Panel **3** to ensure it opens and closes smoothly. If damages are noticed contact factory. If no damages close Hinged Access Panel **3** securely with Vandal Resistant Screws **2**.



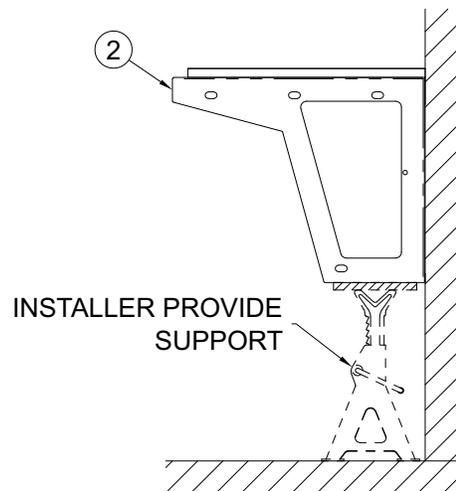
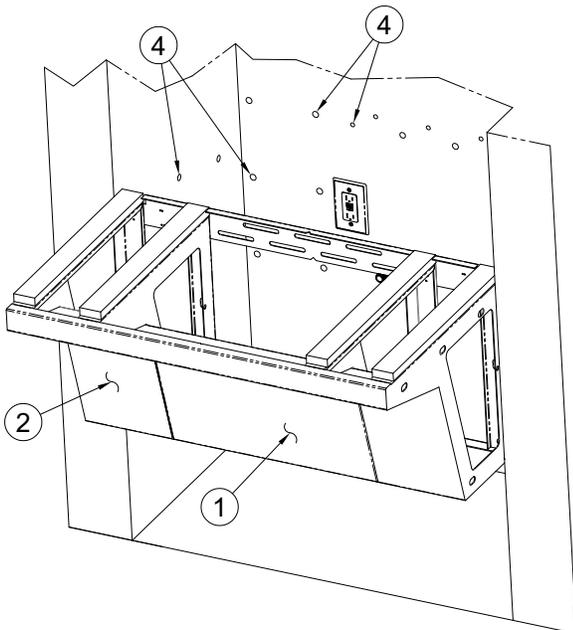
NOTE: Units are designed to suit Customer specified dimensions. Approximate weights of fixture PER 30" (762) modular sections is roughly 44.5 pounds (20 KG). For 36" (914) section/station is roughly 105 pounds (48 KG). For 48" modular sections is roughly 60.5 pounds (27.5 KG).

INSTALLATION

- 2** With installer provided wall anchors **4** installed per rough-ins, and Hinged Access Panel **3** closed, slide Frame Assembly **1** in into position within alcove.



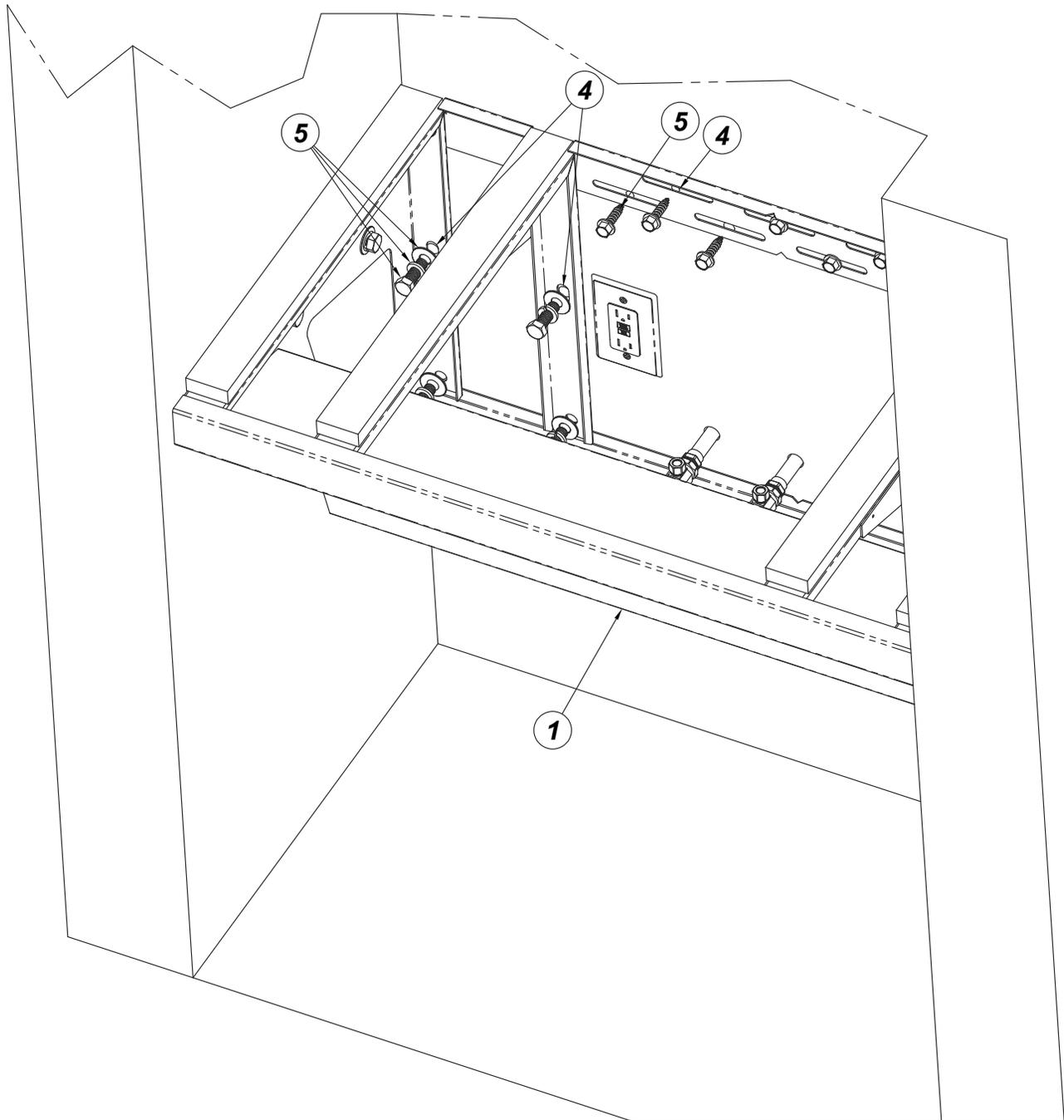
NOTE: Some sort of support may be needed to assist in holding the Frame Assembly in position while securing to wall.





FRAME ANCHORING

3 With installer provided wall anchors **4** in place secure Frame Assembly **1** to the rear and side walls using installer provided anchoring hardware **5**.





FIXTURE ASSEMBLY

- 4** Prior to installing the Deck onto Frame Assembly, it is recommended to install the Grid Strainer and Close Elbow assembly as shown as well as Faucet, see Faucet Installation instructions, link below.
<https://www.whitehallmfg.com/faucets>

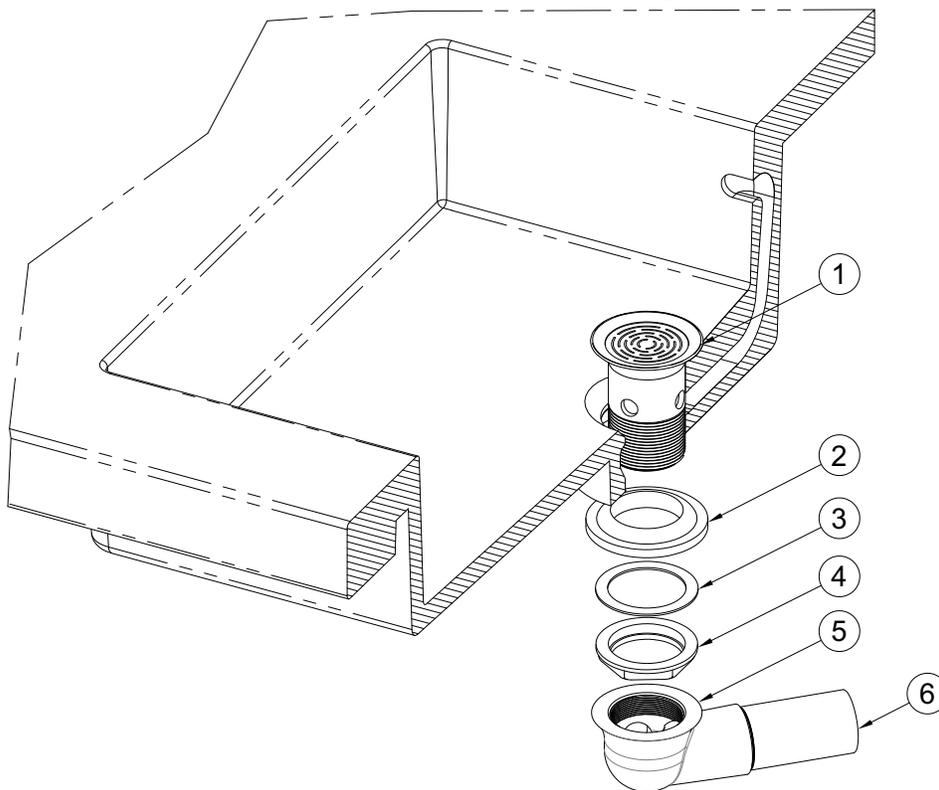
WASTE ASSEMBLY



HINT: Teflon tape is recommended on all threaded waste and supply connections.

A Install Ligature Resistant Strainer to Basin using plumbers putty on underside of Grid Strainer Flange. From beneath Basin, assemble Gasket, Washer and Jam Nut as shown to Ligature Resistant Strainer and tighten securely. Add Close Elbow to Strainer Assembly as indicated.

- ① Ligature Resistant Strainer w/ 1-1/2" -16 UNE Threads
- ② Rubber Gasket (1) required
- ③ 1-1/2"-16 Brass Nut
- ④ Flat Fiber Washer (1) required
- ⑤ 1-1/2"-16 x 1-1/4" UNI Close Elbow with 3/8" NPT Clean-Out Plug
- ⑥ 1-1/4" O.D. Waste Outlet Connection



NOTE: Waste Assembly may be provided with Extra items not required in this assembly.



NOTE: Waste assembly may require field cutting and fitting by the installer.

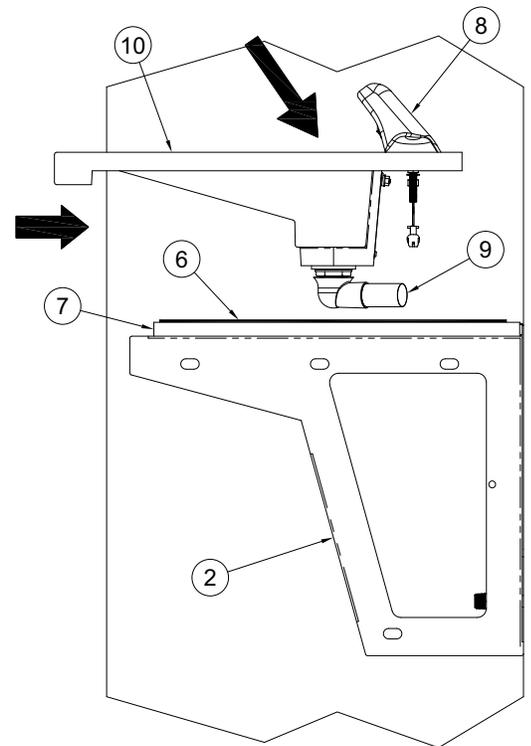
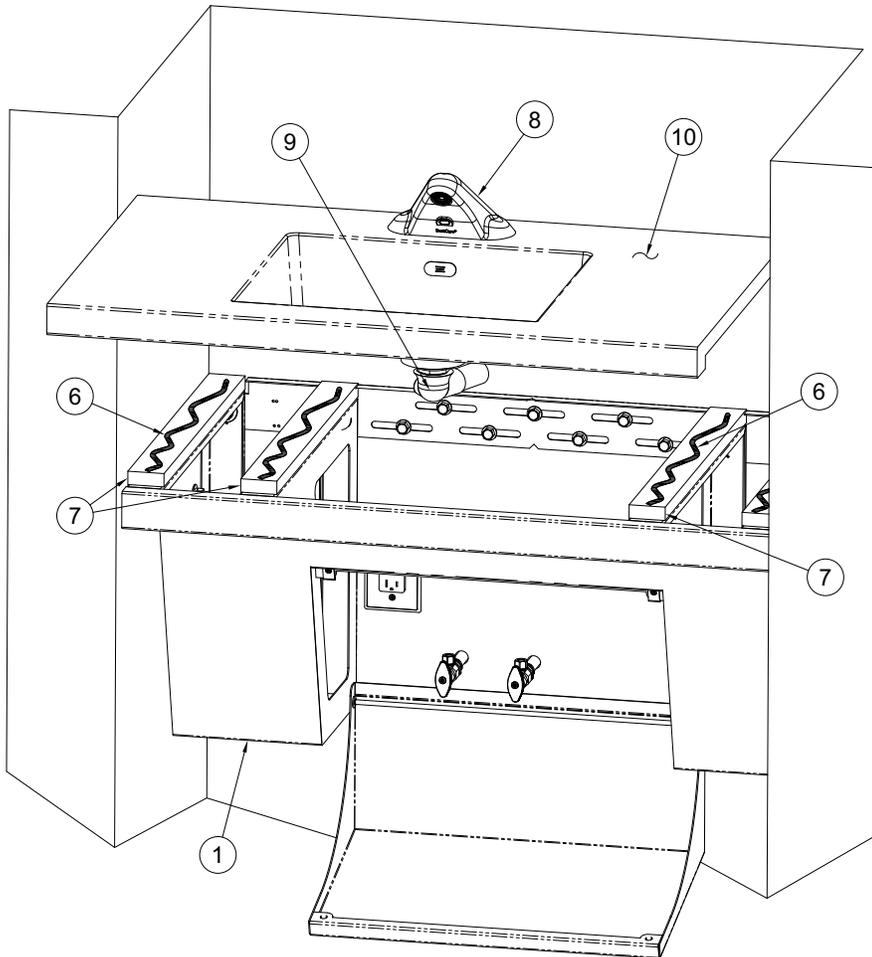


FIXTURE ASSEMBLY - COUNTERTOP TO FRAME

- 5** With Frame Assembly **1** secured to the wall apply a bead of RTV 100 Adhesive **6**, provided by installer, to the Frame Assembly Pads **7**. With Faucet **8** and Grid Strainer and Close Elbow Assembly **9** installed onto Deck **10**, slide Deck **10** into alcove and set onto Frame Assembly **1**, ensuring the back of the Deck **10** is against the back wall and resting on Frame Assembly **1** as shown.



NOTE: Sides of Deck may need to be field sanded/ground slightly to ensure proper fit within Alcove.



NOTE: If optional Back and Side Splashes are not selected apply appropriate Silicone, provided by installer, around edges of Deck and Wall.

A If no Back or Side Splashes continue with valve installation, otherwise continue to next page.

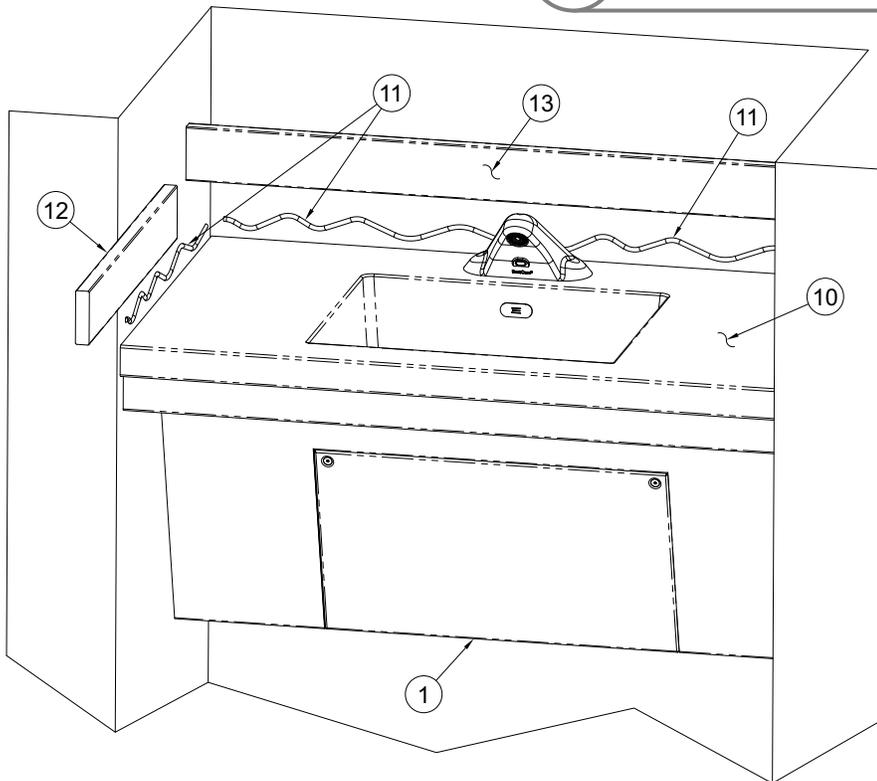


FIXTURE ASSEMBLY - SIDE/BACK SPLASHES

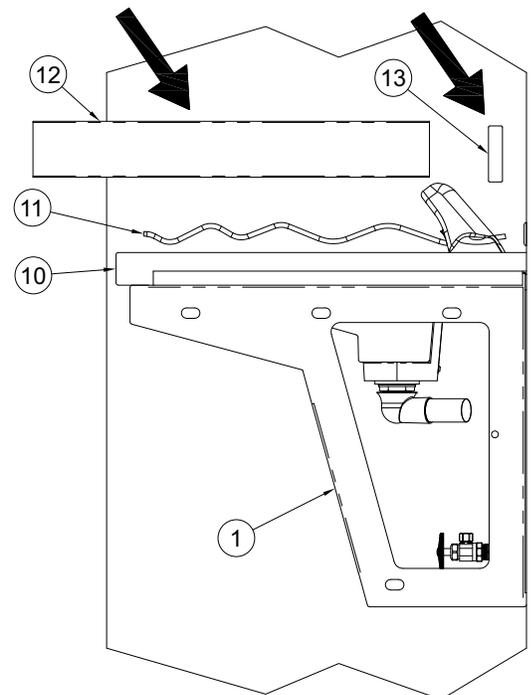
- 6** With Deck **10** secured to Frame Assembly **1**, apply a bead of adhesive **11** to the walls or the back side of Sidesplashes **12** and Backsplash **13** and set on top of Deck **10** then press and hold against wall until adhesive sets and they stay in place.



NOTE: Side and Back Splashes may need to be field sanded/ground slightly to ensure proper fit.



NOTE: Apply appropriate Silicone, provided by installer, around edges of Back and Side Splashes, Deck, and Wall.



- A** With Back or Side Splashes installed and sealed continue with valve installation.

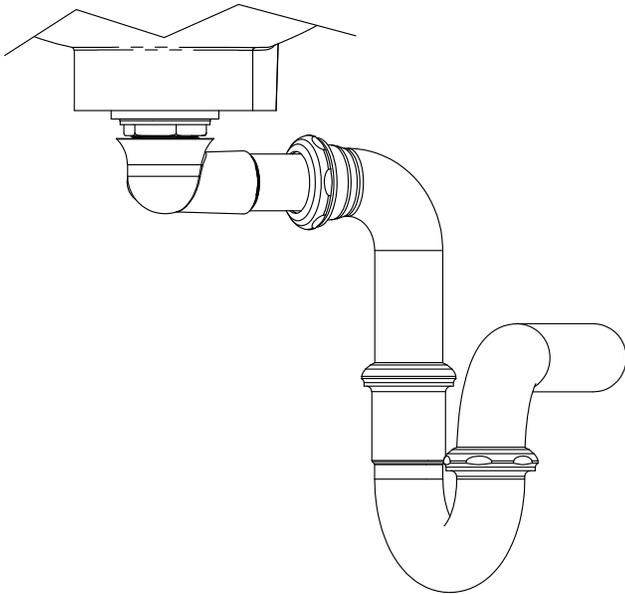


FIXTURE ASSEMBLY - P-TRAP WASTE

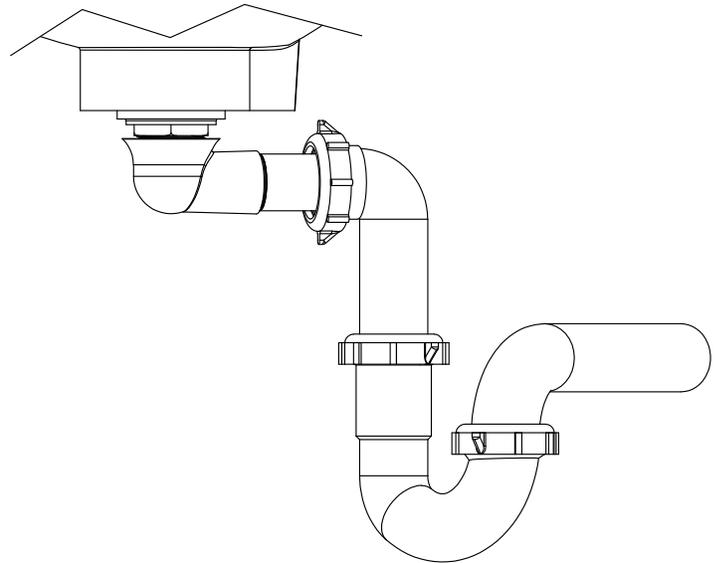
7 Assemble waste piping using TEFLON tape on all threaded connections and make up waste connections to 1-1/2" P-trap.



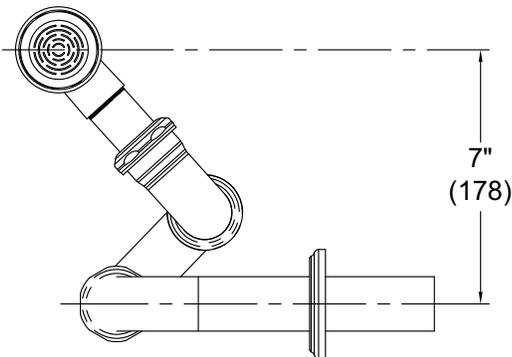
NOTE: Waste assembly may require field cutting and fitting by the installer.



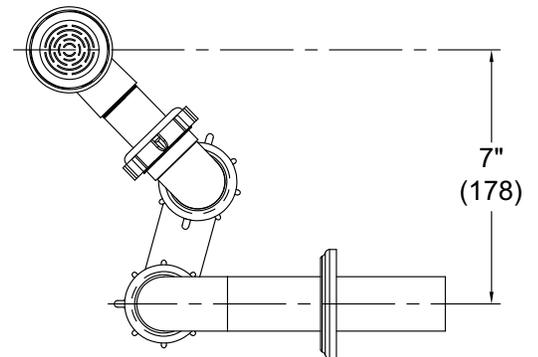
TYPICAL BRASS P-TRAP
INSTALLATION



TYPICAL PLASTIC P-TRAP
INSTALLATION



BRASS P-TRAP



PLASTIC P-TRAP



FIXTURE ASSEMBLY - FINISHING & CLOSING UP



Before closing access panel it is the installers responsibility to open stop(s), run faucet(s) and inspect for leaks. If leaks are detected they must be corrected.

- 8 With Hinged Access Panel **3** open installer provided stop(s), not shown, inspect for leaks and proper function of faucet. If leaks are present correct, if no leaks present close Hinged Access Panel **3** by securing with Vandal Resistant Screws **2** using Allen Wrench **14**.

