

# Installation Instructions

## COMBI5100

### 26" Chase-Mounted Barrier Free Stainless Steel Combination Unit

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#### IMPORTANT

**Bradley Security Fixtures are tamper resistant. All mounting hardware provided is essential for properly anchoring the unit. Bradley cannot assume any responsibility for any improperly installed units.**

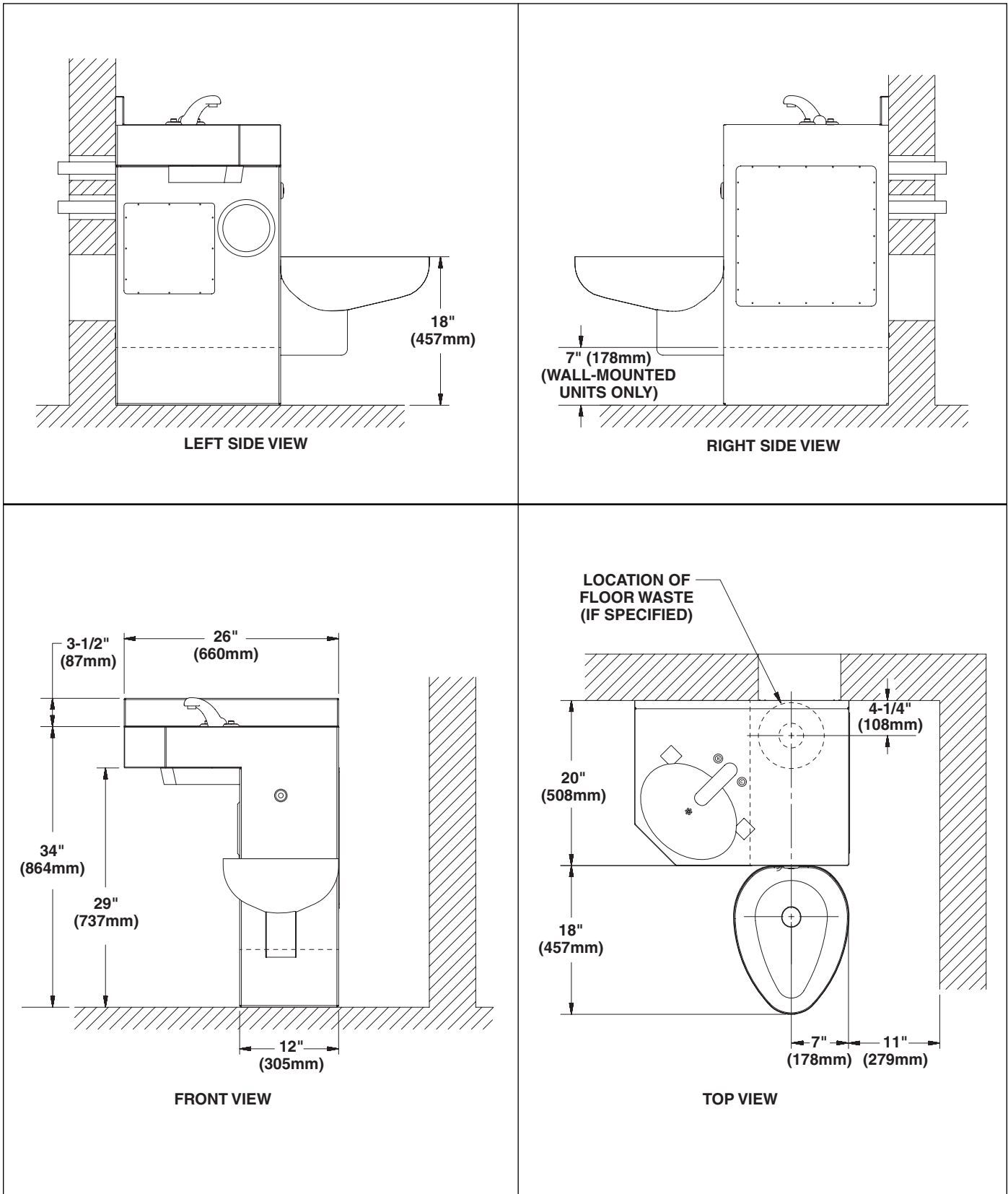
**Read this entire installation manual to ensure proper installation, then file it with the owner or maintenance department.**

**Product warranties may be found under "Product Information" on our web site at [www.bradleycorp.com](http://www.bradleycorp.com).**

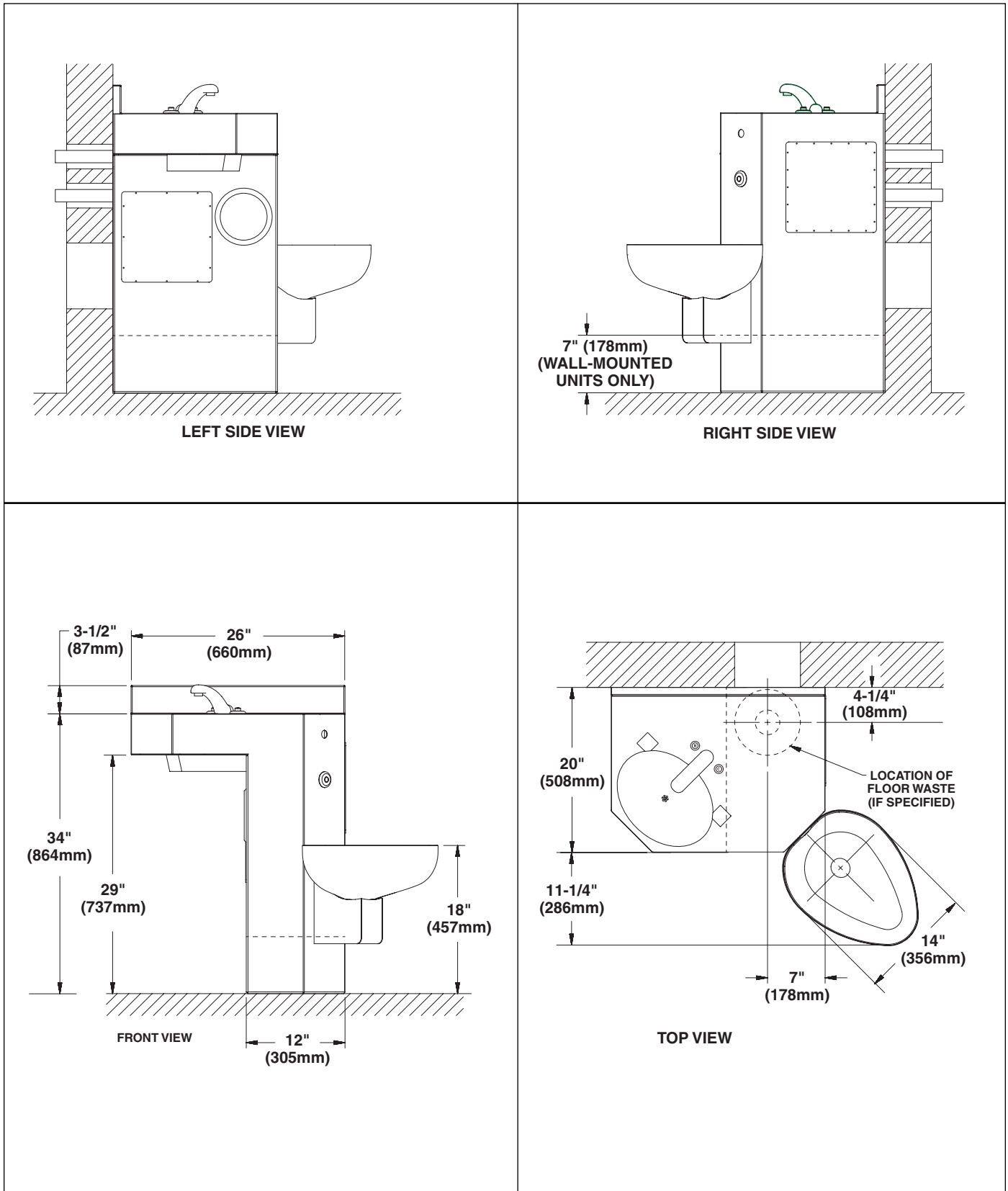
**Compliance and conformity to local codes and ordinances is the responsibility of the installer.**



## Straight Toilet Combination Unit Dimensions



# Angled Toilet Combination Unit Dimensions



## Installation Instructions

### Supplies Required:

- 1/2" NPT supply piping (for hot and cold pneumatic valve)
- 1/8" NPT supply piping (for hot and cold Micro-Touch solenoid valve)
- 1-1/2" NPT lavatory waste outlet
- 1" NPT supply piping to toilet supply inlet
- Toilet waste outlet

### Step 1: Rough in drain and waste outlet



**IMPORTANT:** Rough-in locations are identical for straight and angled-toilet units. Refer to Figure 1a for right-hand unit or Figure 1b for left-hand unit when roughing-in the unit.



**IMPORTANT:** For Figures 1a and 1b, the top of the integral toilet seat is mounted 18" (381mm) above the finished floor. On the floor outlet waste units, the centerline of waste is 4-1/4" (108mm) from the wall.

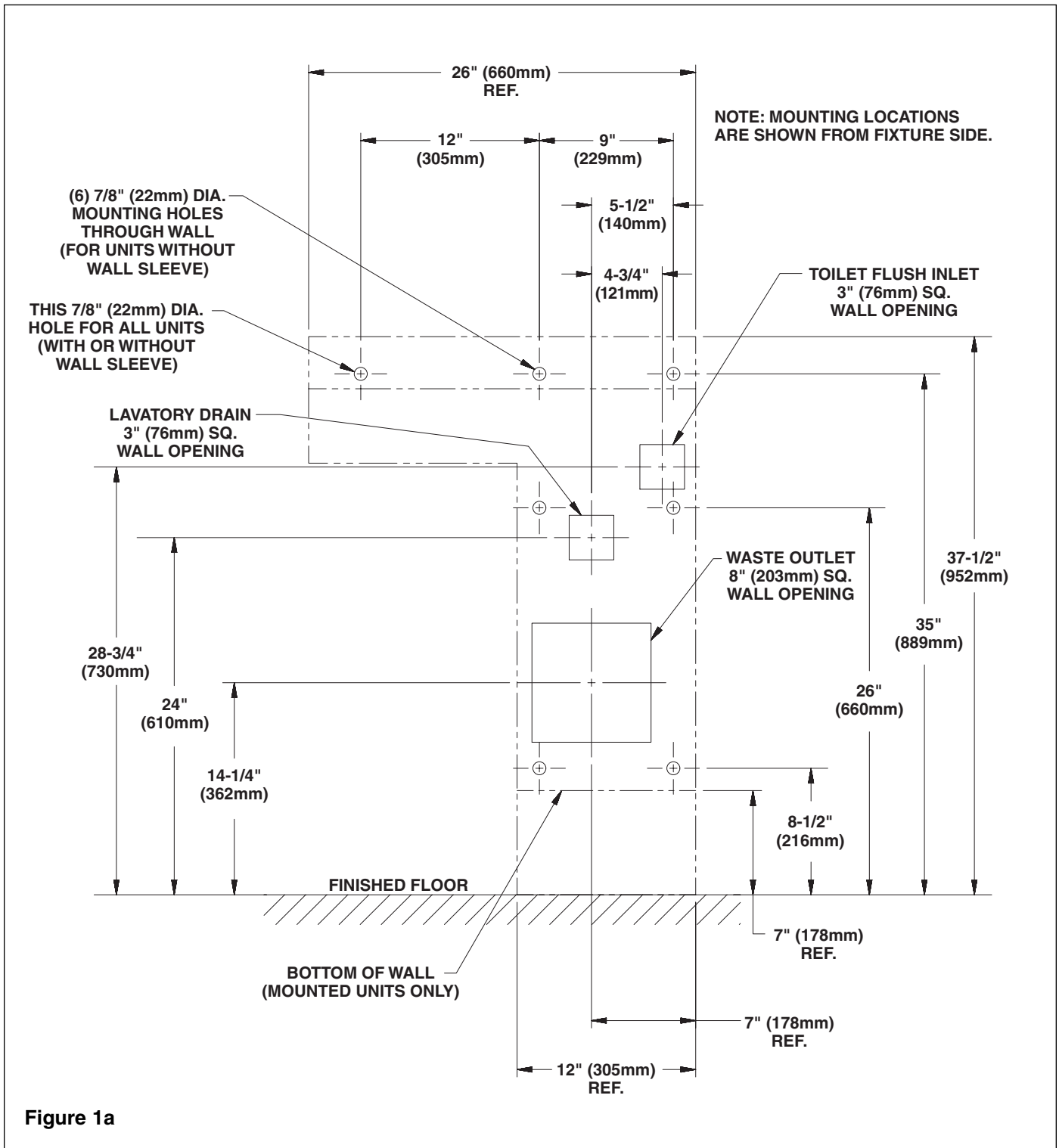
1. Rough in water supply(s) for lavatory.

*NOTE: 1/2" NPT connection required when piping in for air valve manifold (length of tubing supplied).*

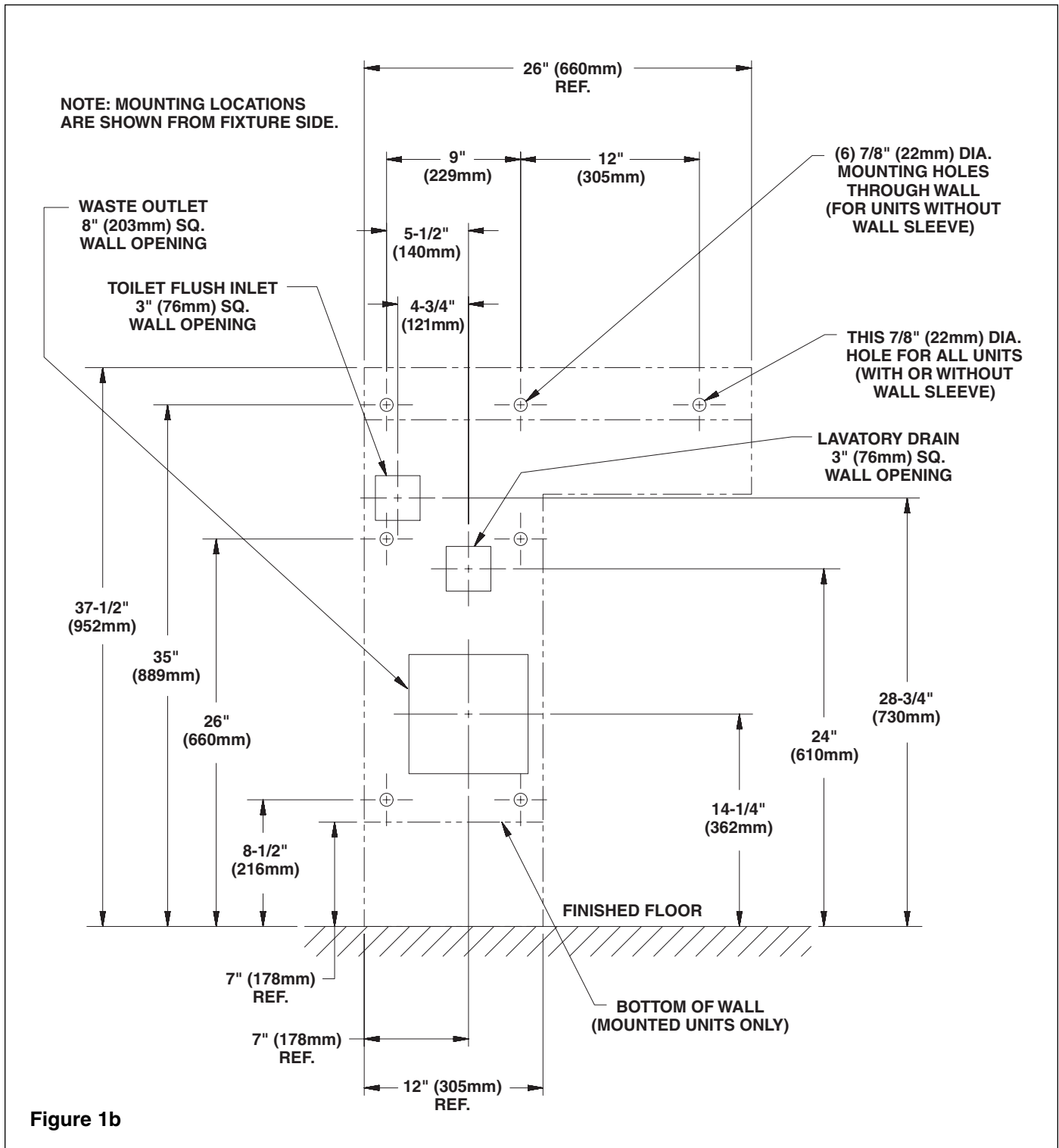
2. Rough-in a 1-1/2" NPT lavatory waste outlet at the dimension shown.
3. Rough-in a 1" NPT supply inlet to toilet at the dimension shown.
4. Rough-in a toilet waste outlet at the dimension shown (size is dependent on options ordered).
5. Drill 7/8" diameter holes through the wall at the seven locations shown.

*NOTE: For units with a wall sleeve, drill only the one 7/8" diameter hole indicated. (Six other mounting points are within wall sleeve).*

Installation Instructions *continued . . .*



Installation Instructions *continued . . .*



## Installation Instructions *continued* . . .

### Step 2: Mount unit to wall

1. Install the P-trap provided to the lavatory drain in unit's cabinet.
2. Insert seven 1/2"-13 threaded studs (supplied by installer) into the back of the unit and screw in approximately 1/2".
3. Slide the unit into the wall opening or wall sleeve, feeding the tubing through the opening.

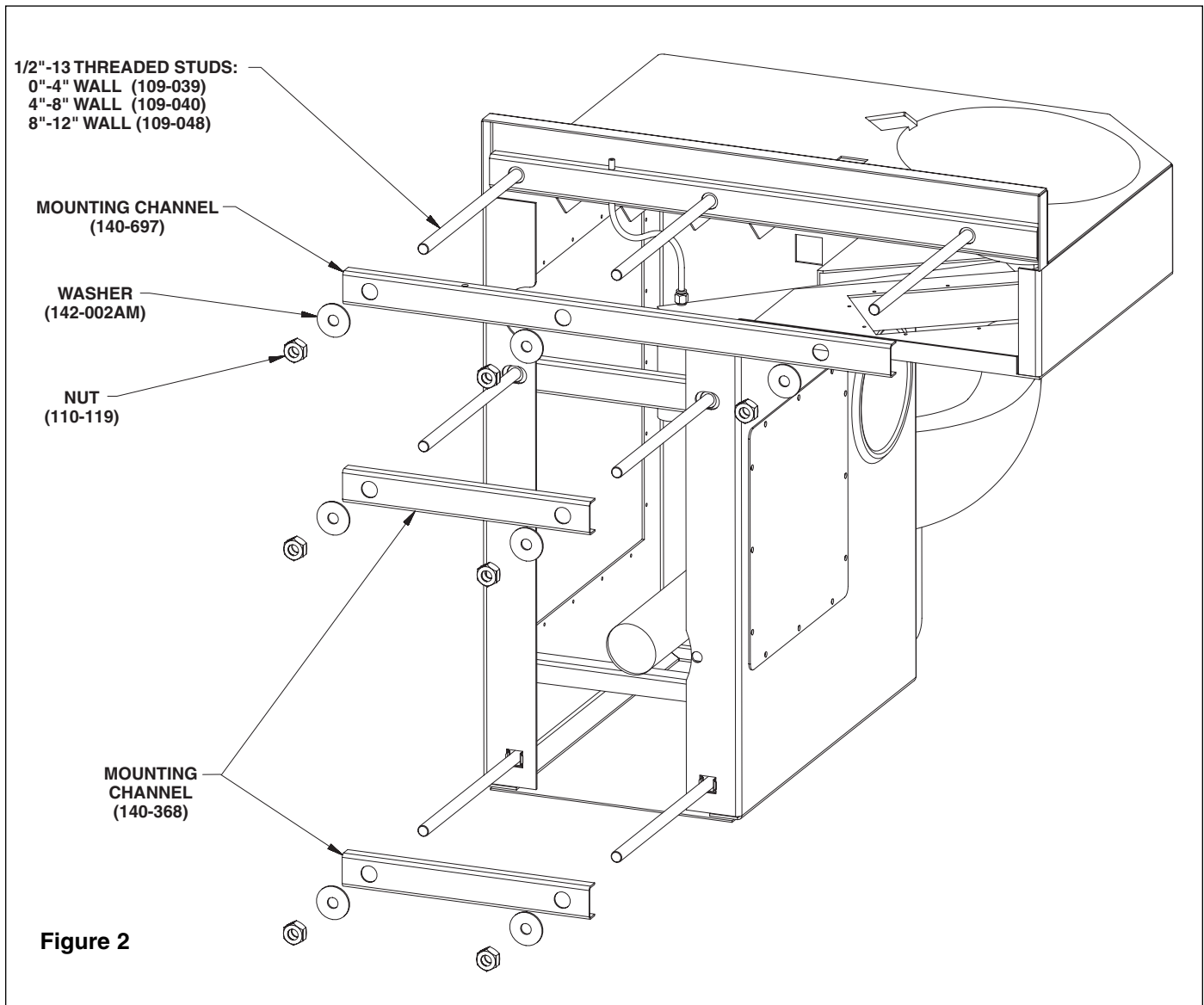


**IMPORTANT: Fasteners must be securely tightened to approximately 60 ft lbs.**

4. Mount the unit to the wall using the mounting channels, nuts and washers provided (Figure 2).



**IMPORTANT: Bradley Security Fixtures are tamper-resistant. All mounting hardware provided is essential in properly anchoring unit. Bradley cannot assume any responsibility for units improperly installed.**



## Installation Instructions *continued...*

### **Step 3: Make supply, drain, and waste connections**

*NOTE: Flush all supply lines before making connections.*

*NOTE: The combination unit has three access panels: one on each side of cabinet and one beneath the lavatory.*

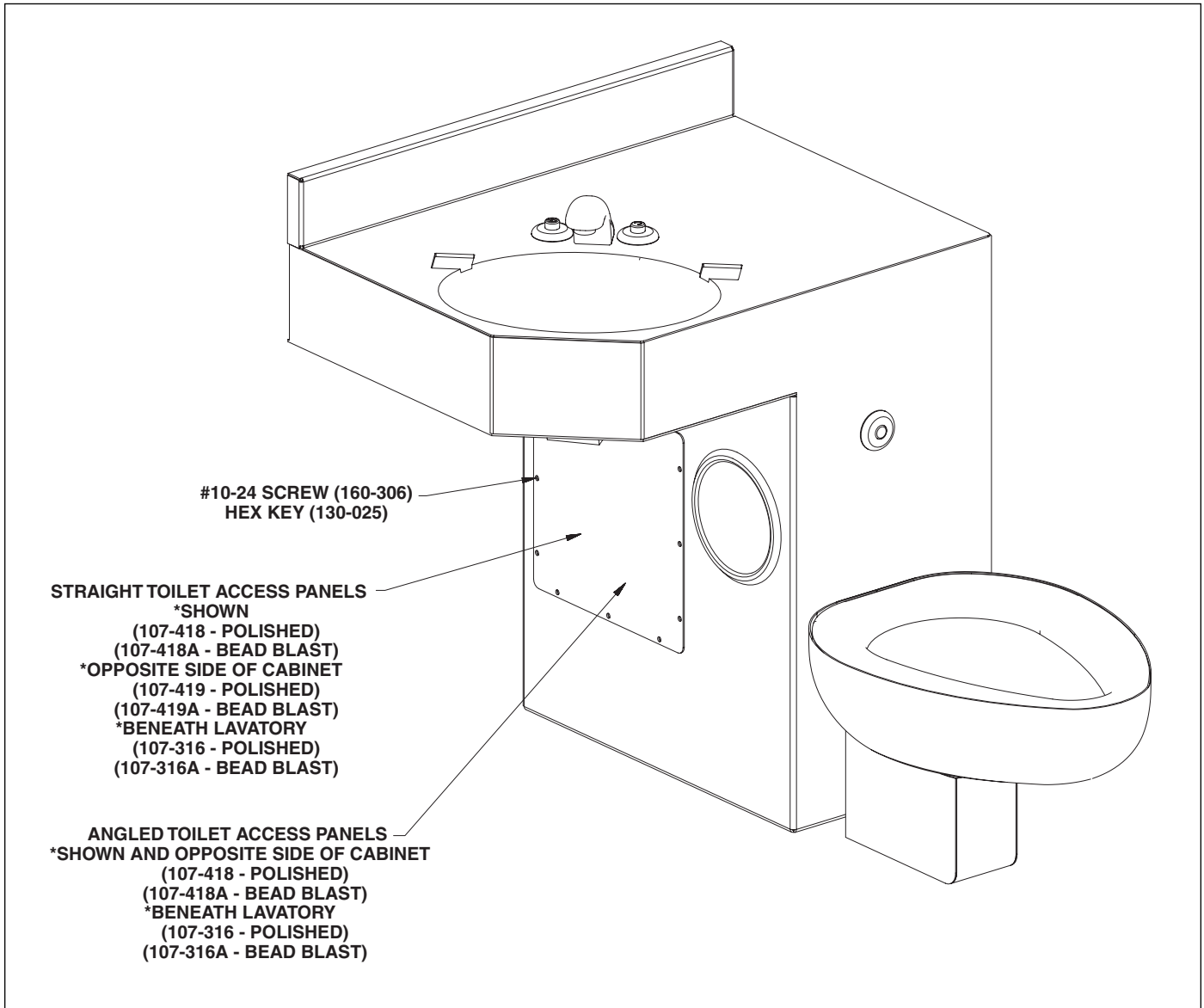
1. Remove the #10-24 access panel screws with the hex key provided and lift access panels off.
2. Make water supply connection to flush valve from chase or through access panels (piping supplied by installer).
3. Make the lavatory drain connections to P-trap from chase or through access panels (piping supplied by installer).
4. Make the toilet waste outlet connections from the chase or through the access panels (piping supplied by installer).
5. Mount valve in desired location and make supply connections. Connect tubing from spout/filler to valve.

### **Step 4: Connect water supply**

1. Turn on the water supplies to the unit and check for leaking.
2. Press the lavatory push buttons several times to purge air from lines.
3. Activate flush valve several times to purge air from lines.
4. Replace access panels to unit with the #10-24 screws provided.



## Repair Parts



## Cleaning and Maintenance Instructions for Stainless Steel

**Material Description:** Stainless steel is extremely durable, and maintenance is simple and inexpensive. Proper care, particularly under corrosive conditions, is essential. Always start with the simplest solution and work your way toward the more complicated.

**Routine cleaning:** Daily or as often as needed use a solution of warm water and soap, detergent, or ammonia. Apply the cleaning solution per the manufactures instructions and always use a soft cloth or sponge to avoid damaging the finish.

**Stubborn Stains:** To remove stains from stainless steel use a stainless steel cleaner and polish such as Ball® stainless steel cleaner or a soft abrasive. Always follow the manufactures instructions and apply in the same direction as the polish lines.



**IMPORTANT: NEVER USE ORDINARY STEEL WOOL OR STEEL BRUSHES ON STAINLESS STEEL. ALWAYS USE STAINLESS STEEL WOOL OR STAINLESS STEEL BRUSHES.**

### Special Situations for Material

**Fingerprints and Smears:** To remove fingerprints or smears use a high quality stainless steel cleaner and polish in accordance with the manufactures instructions. Many of these products leave a protective coating the helps prevent future smears and fingerprints.

**Grease and Oil :** To remove grease and oil use a quality commercial detergent or caustic cleaner. Apply in accordance to the manufactures instructions and in the direction of the polish lines.

**Precautions:** Avoid prolonged contact with chlorides (bleaches, salts), bromides (sanitizing agents), thiocyanates (pesticides, photography chemicals, and some foods), and iodides on stainless steel equipment, especially if acid conditions exist.



**IMPORTANT: DO NOT PERMIT SALTY SOLUTIONS TO EVAPORATE AND DRY ON STAINLESS STEEL.**

The appearance of rust streaks on stainless steel leads to the belief that the stainless steel is rusting. Look for the actual source of the rust in some iron or steel particles which may be touching, but not actually a part of the stainless steel structure.

*NOTE: Strongly acidic or caustic cleaners may attack the steel causing a reddish film to appear. The use of these cleaners should be avoided.*

**Brand Names:** Use of brand names is intended only to indicate a type of cleaner. This does not constitute an endorsement, nor does the omission of any brand name cleaner imply its inadequacy. Many products named are regional in distribution, and can be found in local supermarkets, department and hardware stores, or through your cleaning service. It is emphasized that all products should be used in strict accordance with package instructions.