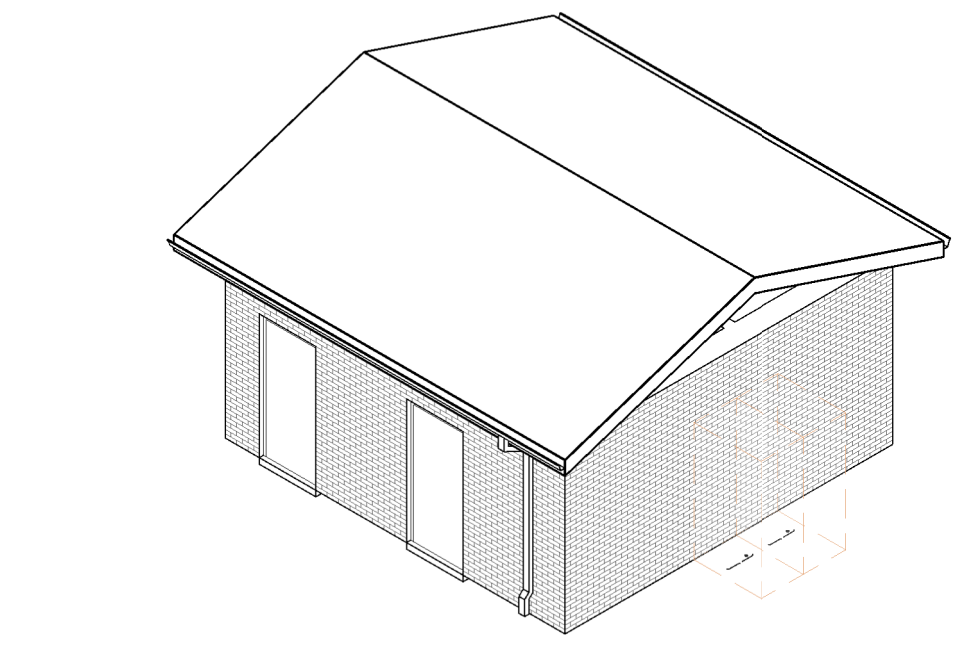
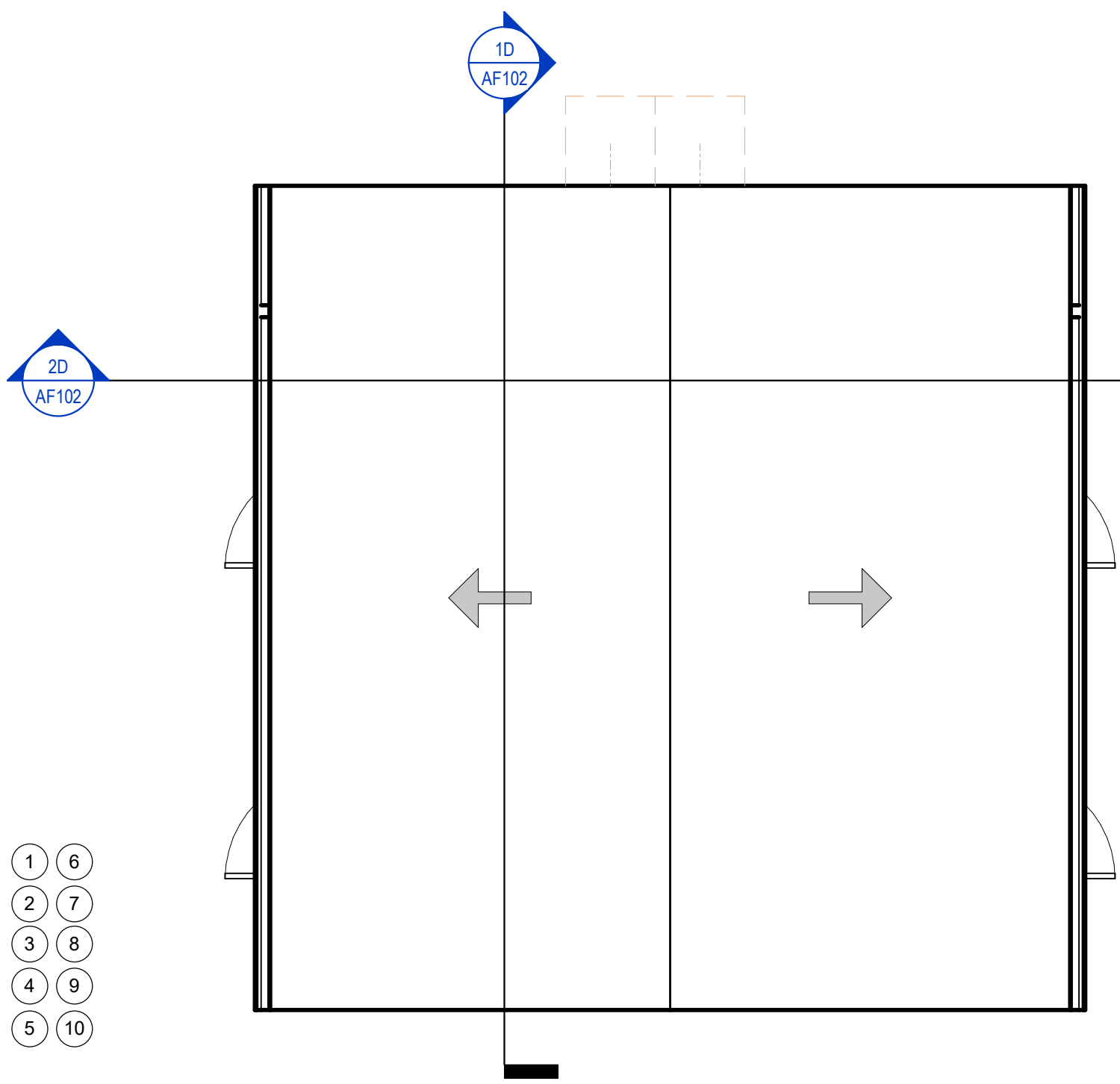


#	Note
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

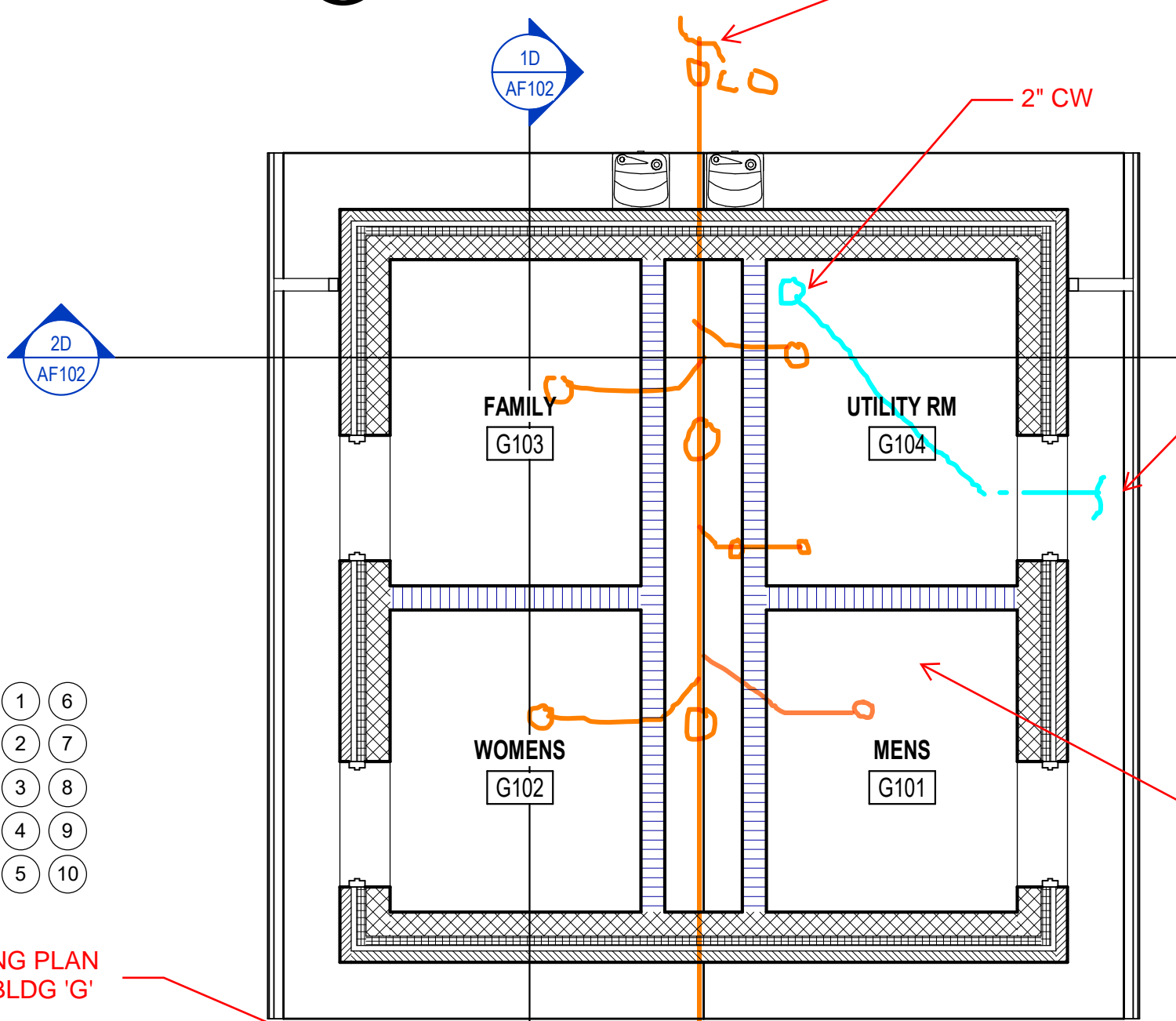


1E PROPOSED TENNIS BUILDING

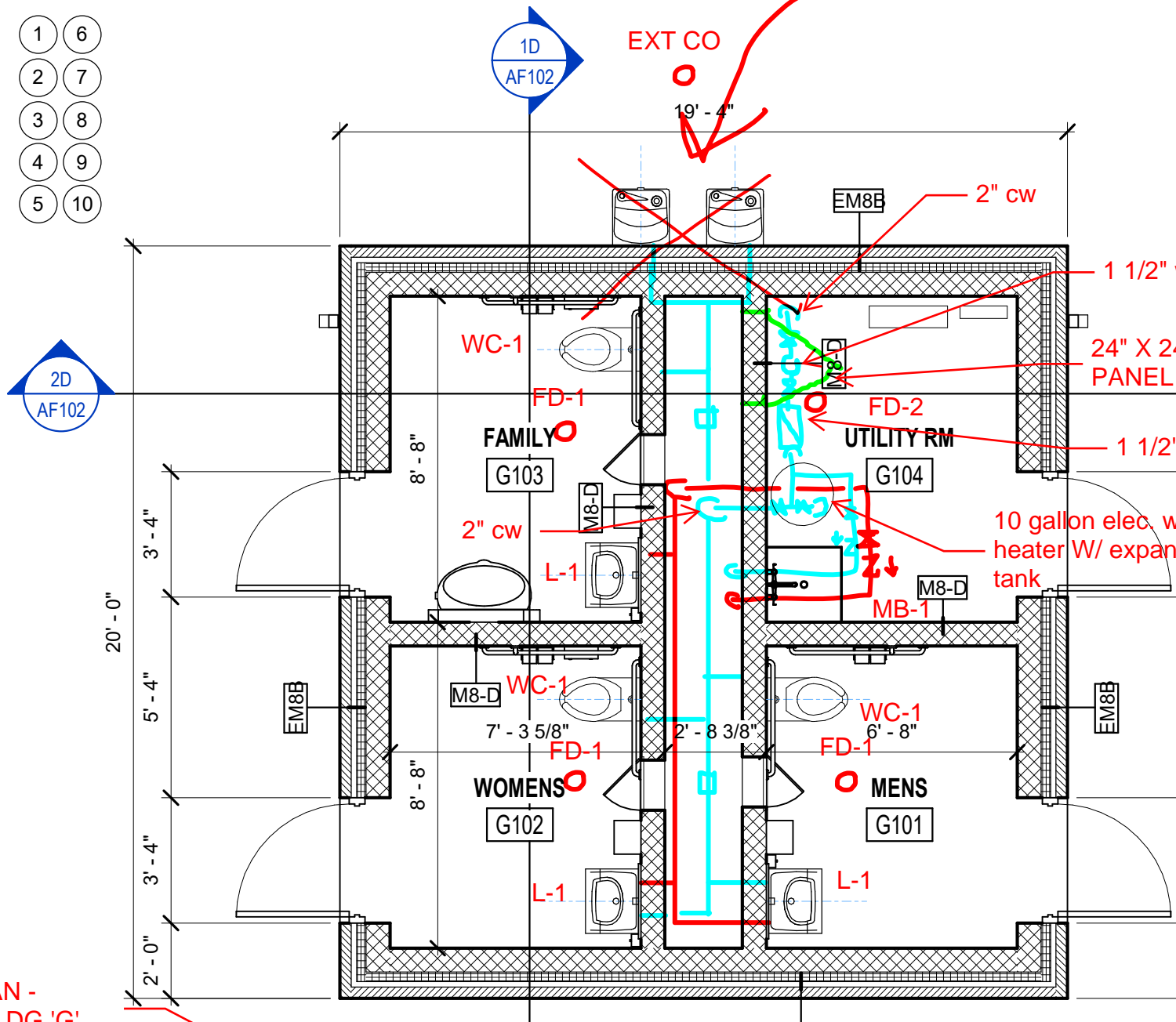
#	Note
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	



2C ROOF PLAN - TENNIS RESTROOM BLDG 'G'  
1/4" = 1'-0"



2B REFLECTED CEILING PLAN - TENNIS RESTROOM BLDG 'G'  
1/4" = 1'-0"



2A FLOOR PLAN - TENNIS RESTROOM BLDG 'G'  
1/4" = 1'-0"

#	NOTE
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	



#	Note
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

**SCHMIDT ASSOCIATES**  
415 Massachusetts Avenue  
Indianapolis, IN 46204  
www.schmidt-arch.com

Project No. \_\_\_\_\_  
Project Date 01/23/20  
Set No. \_\_\_\_\_  
Produced Designer Author  
**50% PD Set  
Not For  
Construction**

These Drawings and Specifications, and all copies thereof are and shall remain the property and copyright of the Architect. They shall be used only with respect to this Project and are not to be used on any other Project or Work without prior written permission from the Architect.

#	Revision	Date

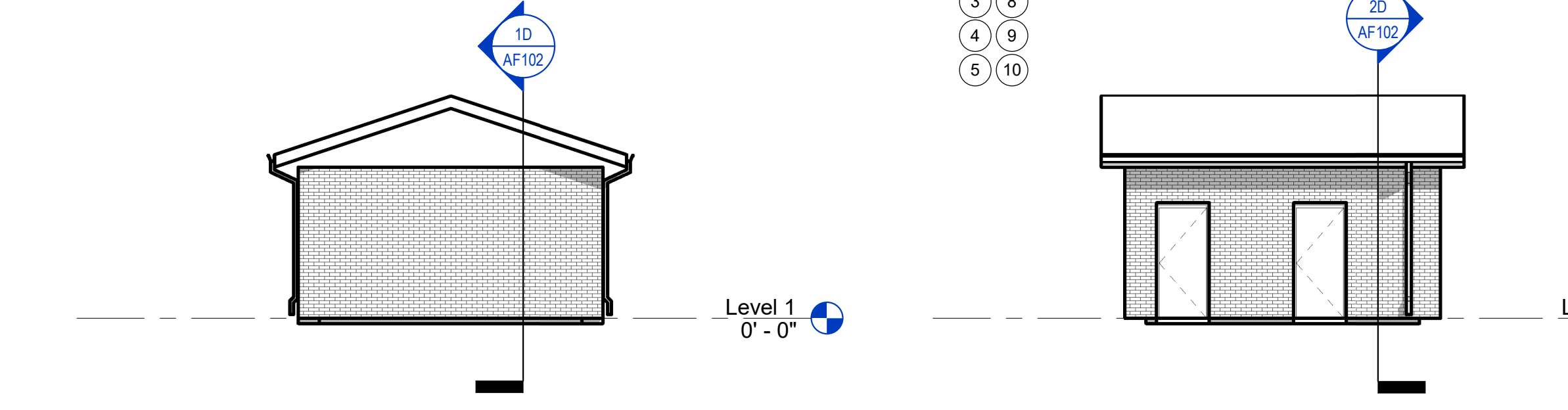
\*\*Street Address\*\*  
\*\*City, State Zip\*\*

KEY PLAN

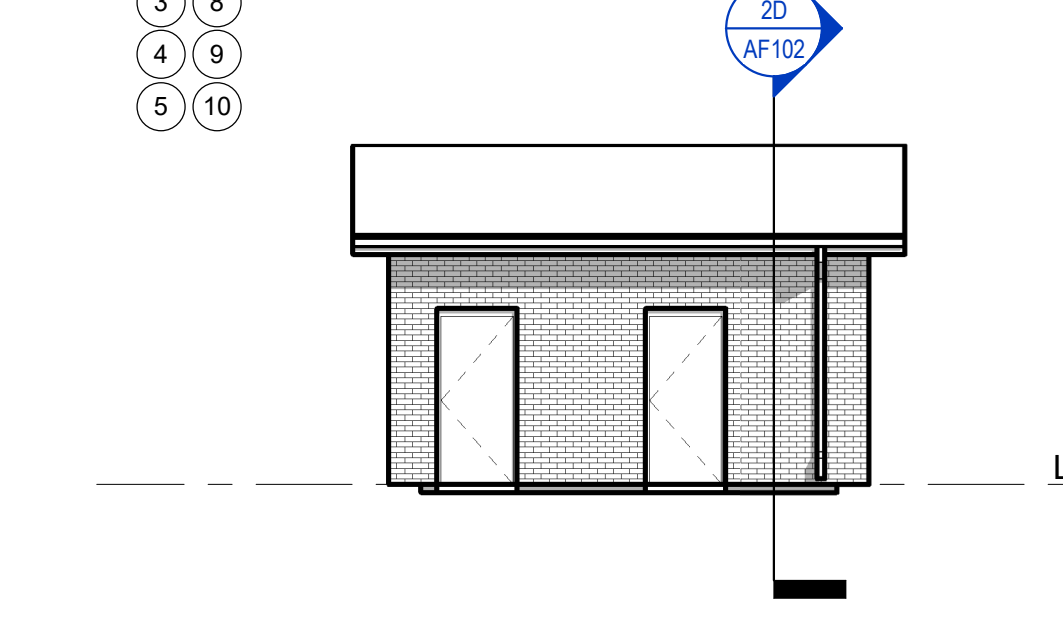
\*\*Owner\*\*

**TIPTON COMMUNITY SCHOOL CORPORATION**

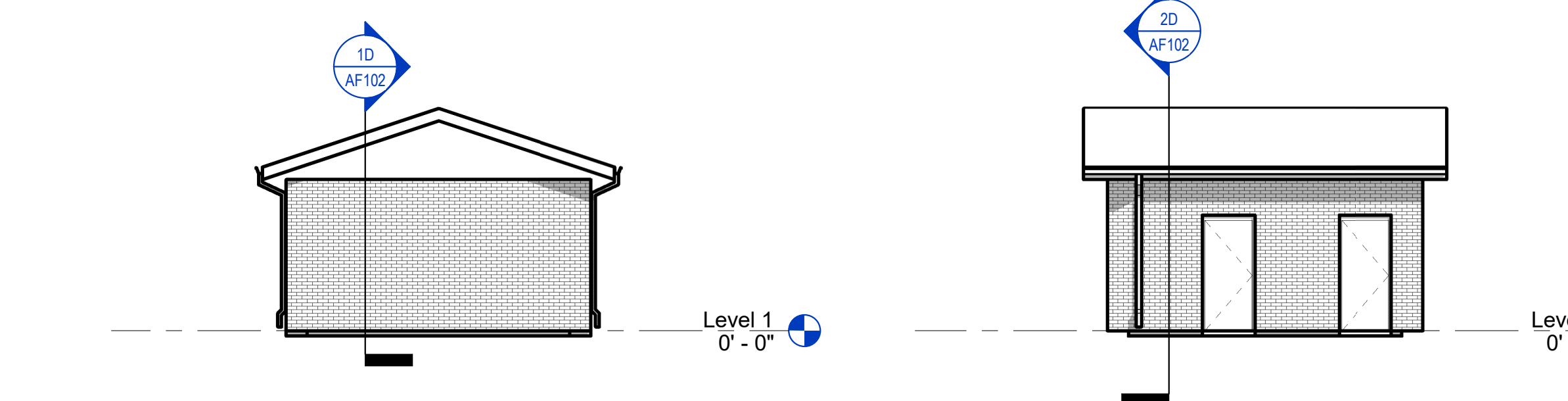
TENNIS RESTROOM - PLANS  
**PLUMBING**  
~~AF1G1~~



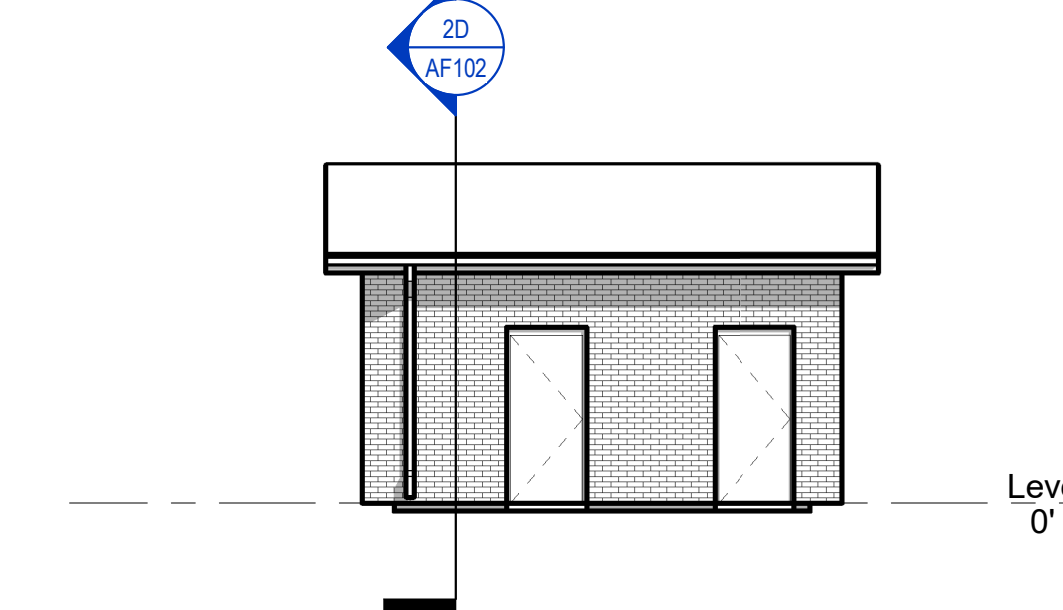
5E EXTERIOR ELEVATION - NORTH  
1/8" = 1'-0"



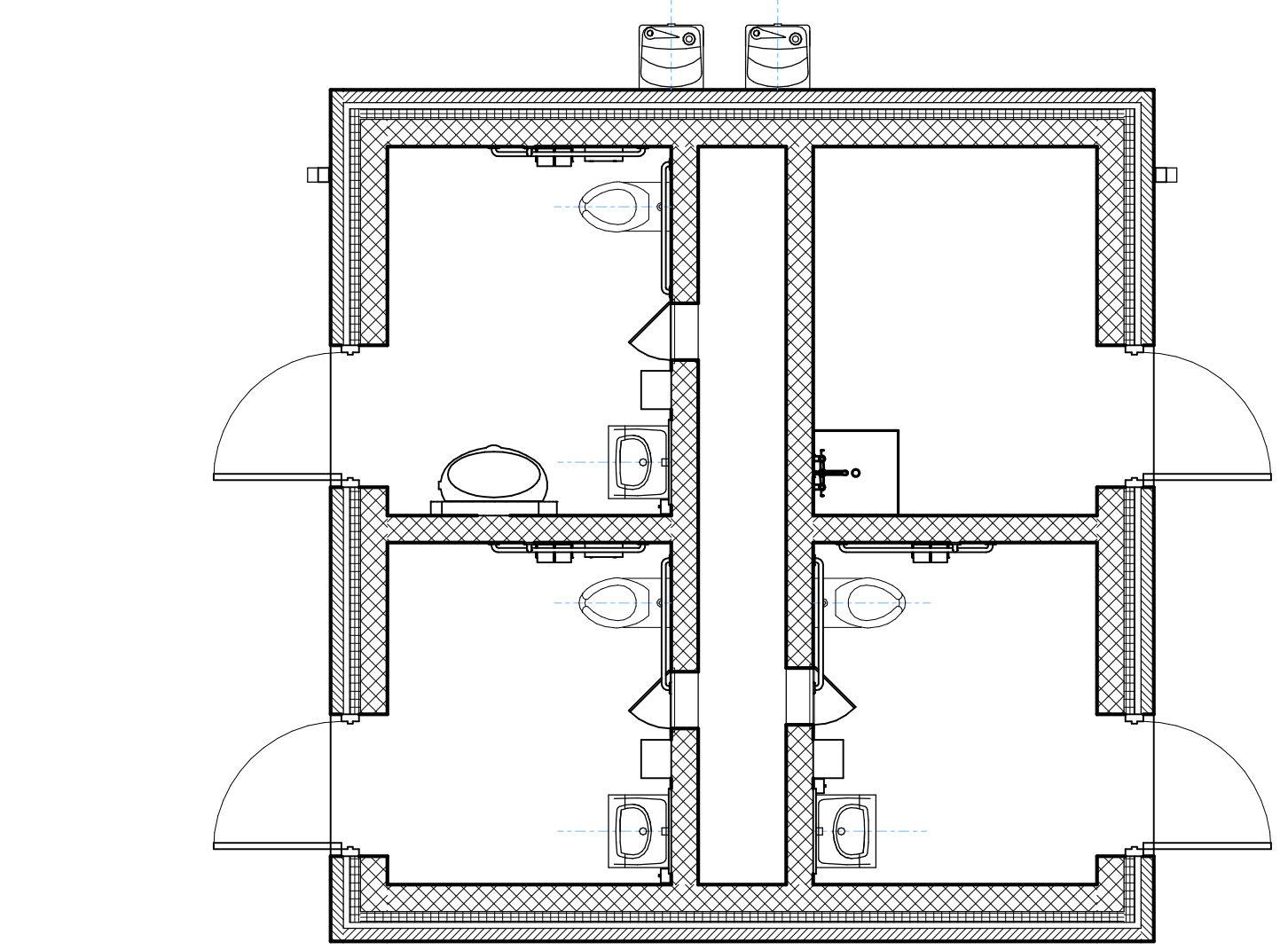
4E EXTERIOR ELEVATION - EAST  
1/8" = 1'-0"



5D EXTERIOR ELEVATION - SOUTH  
1/8" = 1'-0"



4D EXTERIOR ELEVATION - WEST  
1/8" = 1'-0"



5C FLOOR PLAN - TOILET ACCESSORIES  
1/4" = 1'-0"

Type Mark	Keynote	Description	Mounting	Furnished By	Installed By
08 31 13		ACCESS DOOR - 16" X 16"	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
10 28 00		CHANGING TABLE - SURFACE MOUNTED	UNDERSIDE OF BED @ 2' - 3" MIN AFF	CONTRACTOR	CONTRACTOR
10 28 00		GRAB BAR - 18" VERTICAL	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
10 28 00		GRAB BAR - 36" HORIZONTAL	TOP @ 2'-11" AFF	CONTRACTOR	CONTRACTOR
10 28 00		GRAB BAR - 42" HORIZONTAL	TOP @ 2'-11" AFF	CONTRACTOR	CONTRACTOR
10 28 13		MIRROR - 24" X 36"	BOTTOM @ 4" ABOVE FIXTURE	CONTRACTOR	CONTRACTOR
10 28 00		PAPER TOWEL DISPENSER AND DISPOSAL	DISPENSER OPENING @ 42" AFF	CONTRACTOR	CONTRACTOR
10 28 00		SANITARY NAPKIN DISPOSAL - SURFACE	TOP @ 30" AFF	CONTRACTOR	CONTRACTOR
10 28 00		SOAP DISPENSER	BOTTOM @ 4" ABOVE FIXTURE	CONTRACTOR	CONTRACTOR
10 28 00		TOILET TISSUE DISPENSER - DOUBLE	BOTTOM @ 1'-6" AFF	CONTRACTOR	CONTRACTOR

DOOR & FRAME SCHEDULE														
MARK	TYPE	QTY	DOOR PANEL				FRAME			LABEL	HDWR SET	NOTES	MARK	
			MATL	GLAZ	H	W	TH	MARK	MATL					GLAZ
13	F	1	HM	<By Category>	7' - 0"	3' - 0"	0' - 1 3/4"			<By Category>			13	
15	F	1	HM	<By Category>	7' - 0"	3' - 0"	0' - 1 3/4"			<By Category>			15	
17	F	1	HM	<By Category>	7' - 0"	3' - 0"	0' - 1 3/4"			<By Category>			17	
19	F	1	HM	<By Category>	7' - 0"	3' - 0"	0' - 1 3/4"			<By Category>			19	

- GENERAL NOTES**
- A. This Door Schedule(s) is furnished for whatever assistance it may afford the Contractor. Do not consider it as entirely inclusive. Carefully examine the Drawings (especially the Floor Plans) and the Specifications to determine the extent of door and frame quantities required including interior borrowed lite or sidelite openings). Should any particular door, frame, or interior borrowed lite or sidelite shown on the Drawings be inadvertently omitted from this Schedule, supply same as required for similar openings.
- B. The "QTY" column designates the number of leaves in the opening. The "Door Width" column designates the total width of all leaves. In multiple leaf conditions, the leaves shall equally divide the "Door Width" unless noted otherwise; however, the active leaf shall not be less than 3'-0" wide.
- C. Door Type "X" denotes a frame with no door such as a borrowed lite, reference Frame Elevations.
- D. An asterisk (\*) in a dimension denotes a width that varies, reference plans, elevations, details and schedules.
- E. Verify locksets with the Owner during submittals.
- ABBREVIATIONS**
- AL Aluminum  
HM Hollow Metal  
ST Steel  
WD Wood  
TG Tempered Glazing  
IG Insulated Glazing  
LG Laminated Glazing  
FG Frosted Glazing  
SP Spandrel Panel
- DOOR & FRAME SCHEDULE NOTES**  
See Door Schedule
1. Existing door and frame to remain. New hardware only. Field verify all existing door and frame information as required for installation of new hardware.
2. New door/frame in existing masonry wall. Tooth in new masonry into existing as required.
3. Set door in frame to allow for 180" door swing.
4. <NOTE TO EDITOR> Edit this list as required. <NOTE TO EDITOR>





## Junior Electric Water Heaters

### Junior Electric Models

Lochinvar's Junior electric models are available from 2.5 to 40 gallon capacities in compact designs ideal for point-of-use commercial applications.

### Standard Features

- **Code Compliance** - Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act, (EPCA), as amended.
- **Approved for Manufactured Home** - The Junior electric models meet HUD requirements for manufactured home installations.
- **Adjustable Electric Thermostat Control** - This accurate control provides an easy way to adjust water temperature for best economy and optimum comfort. An automatic overheat safety control is standard.
- **Immersion Heating Elements** - Zinc-coated, copper sheath design for longer life in hard, aggressive water. The elements screw in for easy service and replacement.
- **Glass-Lined Steel Tank** - The durable glass lining is fused to the steel tank at 1600°F to assure lasting protection against rust and corrosion while providing clear, clean hot water. 300 PSI test pressure; 150 PSI working pressure.
- **Non-CFC Foam Insulation** - A uniform coverage of thick closed-cell foam insulation minimizes standby heat loss, maximizes heat retention and delivers a high Energy Factor.
- **Tank Saver Anode** - A large diameter, high capacity anode inhibits corrosion of the tank interior for long, trouble-free service.
- **Heat Trap** - Heat traps are built into the inlet and outlet connections to eliminate heat migration and heat loss in the water piping.
- **Temperature & Pressure Relief Valve** - Factory installed for optimum safety.
- **Brass Drain Valve** - An enhanced ball valve design for effective drainage and positive shut-off.
- **6 Year Limited Tank & Parts Warranty\*** - See warranty sheet for details.
- **10 Year Extended Warranty** - Available for residential applications only.

\*1-year limited tank & parts warranty when installed in a commercial application.



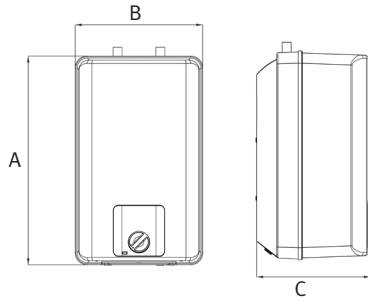
### Optional Equipment

- **Adjustable Water Heater Shelf** - Heavy gauge steel shelves assemble six different ways for convenient wall mounting.

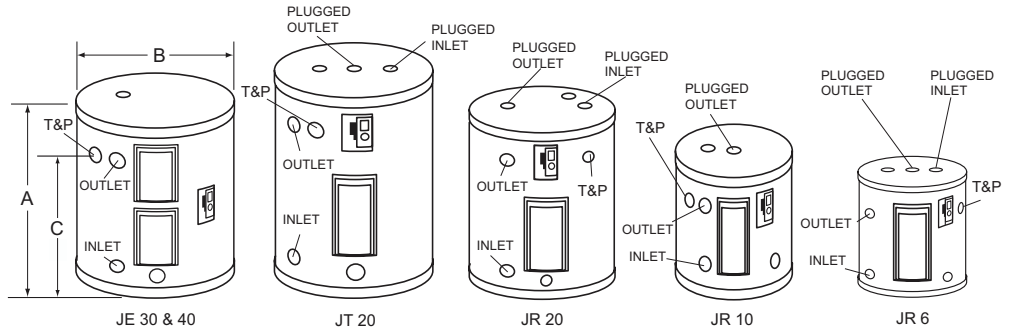
**All models meet or exceed Federal and ASHRAE Energy Efficiency Standards**

# Dimensions and Specifications

## 2.5 gallon model



## 6 - 40 gallon models



Model Number	Nominal Gallon Cap.	Rated Storage Cap.	Standard Voltage	Standard Watts	Min Watts	Max Watts	UEF	1st HR. Rating	GPH @ 90°F Rise	A	B	C	Ship. Wt.
<b>Point-Of-Use Models</b>													
JECO02BS	2.5	2.6	120v	1440	N/A	N/A	N/A	N/A	7	14-1/2"	11-3/4"	10-1/2"	17
JECO04BS	4	4	120v	1440	N/A	N/A	N/A	N/A	7	19-1/4"	11-3/4"	10-1/2"	20
JECO06BS	6	6	120v	1440	N/A	N/A	N/A	N/A	7	20"	13-3/4"	12-1/2"	24
<b>Junior Electric Models with Insulation Blanket</b>													
JEA030KDB	28	26	240v	4500	1650	6000	.90	47	21	30"	22"	21-3/4"	101
JEA040JDBW	38	35	240v	4000	1650	4000	.91	38	18	31-3/4"	24"	24"	118
JEA040KDB	38	35	240v	4500	4500	6000	.94	57	21	31-3/4"	24"	24"	118
<b>Junior Electric Models</b>													
JRC006DS	6	6	120v	1650	1650	3000	N/A	N/A	8	15-1/4"	14-1/4"	10-3/4"	35
JRC010DS	10	9	120v	1650	1650	6000	N/A	N/A	8	18-1/4"	16"	12-1/4"	41
JRC020FS	19	17	120v	2500	2500	6000	N/A	N/A	11	24-3/4"	18"	18-3/4"	68
JTC020FS	19.9	19.0	120v	2500	2500	6000	N/A	N/A	11	31-3/4"	16"	25-3/4"	68
JEA030KD	28	26	240v	4500	1650	6000	.91	43	21	31-1/4"	24"	21-3/4"	115
JEA040JDW	38	35	240v	4000	1650	4000	.91	38	18	33-1/2"	26"	24"	118
JEA040KD	38	35	240v	4500	4500	6000	.93	54	21	33-1/2"	26"	24"	118

Note: The Point-Of-Use models are available in 120 volt, 1440 watts only. Water connections are 3/4" NPT.

Alternate Elements for 6-40 Gallon	Wattage		
	C - 120V	J - 208V	A - 240V
C-1500	N/A	Yes	Yes
D-1650	Yes	N/A	N/A
E-2000	Yes	Yes	Yes
F-2500	Yes	Yes	Yes
G-3000	Yes	Yes	Yes
H-3500	N/A	Yes	Yes
J-4000	N/A	Yes	Yes
K-4500	N/A	Yes	Yes
M-5000	N/A	Yes	Yes
N-5500	N/A	Yes	Yes
P-6000	N/A	N/A	Yes

Recovery Rate (GPH @ °F Rise)			
40°F	70°F	100°F	
16	9	6	
17	10	7	
21	12	8	
26	15	10	
31	18	12	
36	21	14	
41	24	17	
47	27	19	
52	30	21	
57	32	23	
62	35	25	

### VOLTAGE SCHEDULE

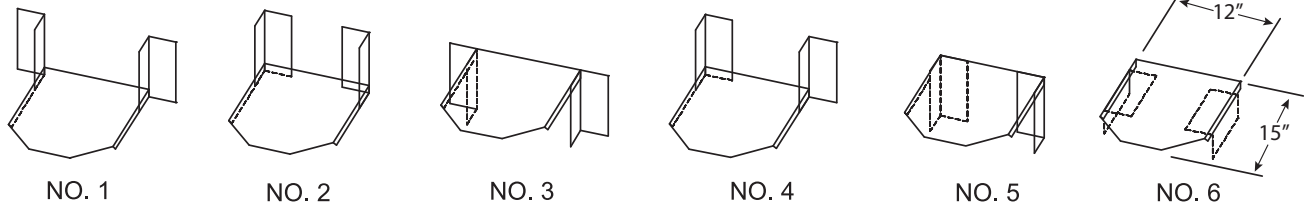
C - 120V 1ø  
J - 208V 1ø  
A - 240V 1ø

FOR EASE IN ORDERING  
BY MODEL NUMBER

J	R	C	006	D	S
MODEL	VOLTAGE & PHASE	GALLON CAPACITY	ELEMENT WATTAGE	SINGLE ELEMENT	

This heater is a Junior Electric Model that is 120 volts, 1 phase with a 6 gallon capacity and has a 1650 wattage heating element.

## Six Way Shelf Mountings - 2.5, 6 and 10 Gallon Models Only. (Part number JKT 3004)



Lochinvar, LLC  
300 Maddox Simpson Parkway  
Lebanon, Tennessee 37090  
P: 615.889.8900 / F: 615.547.1000  
Lochinvar.com



## GY Series

### MODEL GYE24

WALL MOUNTED BOTTLE FILLER  
WITH ANGLED BI-LEVEL DRINKING  
FOUNTAINS

#### STANDARD FEATURES

- Bottle Filler and Drinking Fountain Adult ADA Compliant (when properly installed)
- Optionally Available with "Hands Free" Controls
- Extra Height Bottle Filler with Laminar Flow Spout
- Resistant to Sunlight, Heat, Moisture and wear
- 18 Gauge, Type 304 Stn Stl Drinking Fountain Bowls
- 12 Gauge, Heavy Duty Stainless Steel Construction with Corrosion and Scratch Resistant Finish
- Polished Stainless Steel, Anti-Rotation, Non-Squirt Bubbler
- Heavy Duty, Stainless Steel Access Covers
- 1/4" Thick Stainless Steel Mounting Plate
- Lead and Cyst Water Filter (N/A with -FRA option)
- 100-Mesh Inlet Strainer

#### SUGGESTED SPECIFICATIONS

Wall Mounted Round Bi-Level Bottle Filler with Drinking Fountain shall be Murdock model GYE24. Construction shall be 12 gauge, all stainless steel with 18 gauge type 304 stainless steel fountain bowls. Provide 1/4" thick stainless steel mounting plate to securely anchor unit to wall. Access Panels shall be secured with vandal-resistant stainless steel screws. Drinking Fountain shall be activated by a front mounted self-closing Pushbutton with Cartridge Valve Assembly, using less than 5 pounds of force to activate with an adjustable stream regulator controlling the water flow. Bubblers shall be stainless steel with non-squirt feature and operate on water pressure range of 20-105 PSIG. Extra height Bottle Filler shall be activated a Pneumatic Pushbutton using less than 5 lbs of force to activate and provide 1.0 GPM from Laminar Flow Spout. **P-Trap shall be installer provided behind wall** (Optional -PT P-Trap with access below fixture is available). Unit shall contain a 100-mesh Inlet Strainer, with lead and cyst Filter. Fountain shall comply with ANSI A117.1, Public Law 111-380 (NO-LEAD), CHSC 116875 and NSF/ANSI 61, Section 9. Fixture to meet ADA and ADA Reach requirements when mounted appropriately.

Complies  
with the  
following  
standards:



**NSF/ANSI 61**



Federal  
Public Law  
111-380  
(No Lead)



Model: GYE24-R Shown

**"FOR INDOOR AND OUTDOOR USE"**

#### MODEL:

(Must Specify)

- ☐ GYE24 Satin Stainless Finish (Shown)
- ☐ GYE25 Green Powder-Coated
- ☐ GYE26 Red Powder-Coated
- ☐ GYE27 Blue Powder-Coated

Custom color finishes available upon request

#### ADA DRINKING FOUNTAIN ORIENTATION

(Must Specify)

- ☐ -L ADA Drinking Fountain Left Side (Opposite)
- ☐ -R ADA Drinking Fountain Right Side (Shown)

#### OPTIONAL ACCESSORIES

(additional costs may be incurred)

- ☐ -FRA3 Freeze Resistant Valve, Three Valves<sup>1</sup> (Less Filter & Sensor)
- ☐ -LOGO Customer specified logo
- ☐ -PIP Plug-In Power Supply 115VAC/9VDC Plug-In Transformer (In lieu of Battery Op -SOC and -SO)
- ☐ -PT 1-1/4" OD P-Trap (Access Below Fixture)
- ☐ -SOC Concealed Sensor Operated Drinking Fountain (N/A with -FRA2<sup>1</sup>) Battery Operated Standard, Plug-in Power Optional
- ☐ -SO Sensor Operated Bottle Filler (N/A with -FRA2<sup>1</sup>) Battery Operated Standard, Plug-in Power Optional
- ☐ -316 Type 316 Stainless Steel Construction

Option Notes:

<sup>1</sup>See separate option sheet



Member of  
U.S. Green  
Building  
Council



Recyclable  
Product



Water  
Conserving  
Product

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

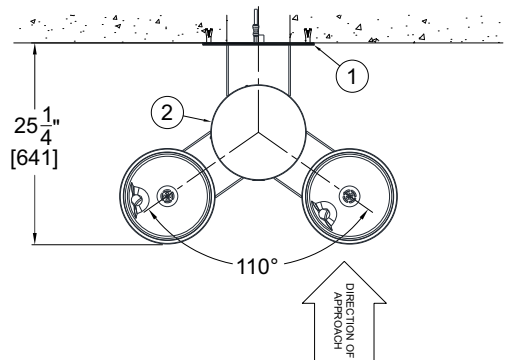
## OUTDOOR BOTTLE FILLERS

\* Valve specifications:  
Minimum/Maximum  
Pressure 30 to 100 psi.

# GY Series

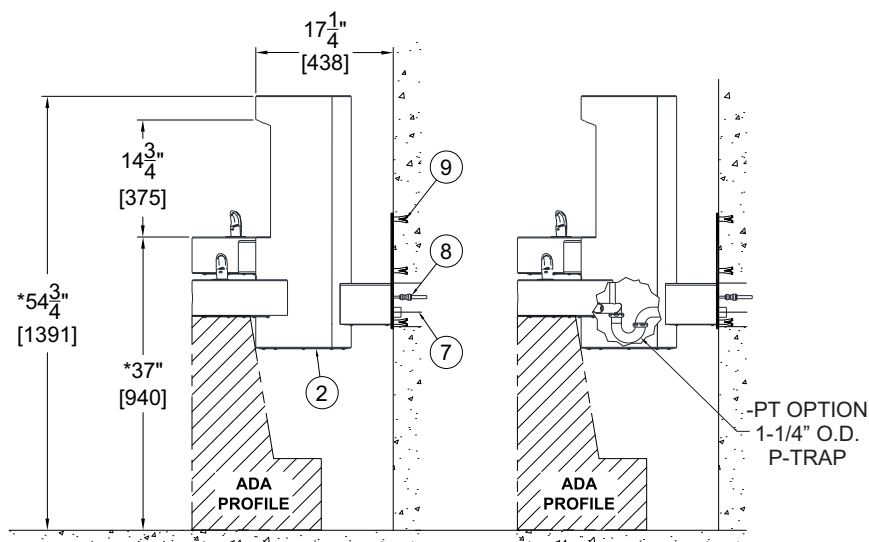
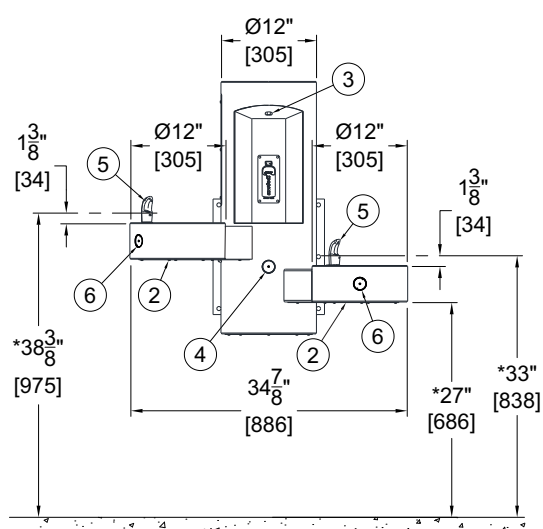
## MODEL GYE24

## WALL MOUNTED BOTTLE FILLER WITH DRINKING FOUNTAINS



NOTES:

1. 1/4" THICK SS MOUNTING PLATE
2. REMOVABLE ACCESS PANELS
3. BOTTLE FILLER SPOUT
4. BOTTLE FILLER PUSHBUTTON WITH CARTRIDGE VALVE
5. DRINKING BUBBLER
6. DRINKING FOUNTAIN PUSHBUTTON WITH CARTRIDGE VALVE
7. 1-1/4" O.D. WASTE OUTLET FOR P-TRAP BEHIND WALL (STANDARD) P-TRAP PROVIDED BY OTHERS
8. 3/8" O.D. SUPPLY CONNECTION
9. INSTALLER PROVIDED WALL ANCHORS AND ANCHORING HARDWARE



**GYE24-R SHOWN**

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN INCHES [MM].
- \*2. DIMENSIONS SHOWN ARE FOR RECOMMENDED ADULT HEIGHT. ADJUST VERTICAL DIMENSIONS AS NECESSARY TO COMPLY WITH FEDERAL, STATE, & LOCAL CODES.
3. STOP VALVE NOT PROVIDED.

**IMPORTANT:** Refer to installation instructions for complete rough-in and technical data.

**NOTE:** Some options may change standard roughs.

*Murdock Mfg.™ warrants that its products are free from defects in material or workmanship under normal use and service for a period of one year from date of shipment. Murdock's liability under this warranty shall be discharged solely by replacement or repair of defective material, provided Murdock™ is notified in writing within one year from date of shipment, F.O.B. Industry, California.*

SELECTION SUMMARY & APPROVAL FOR MANUFACTURING	Model Number & Options_____Quantity_____		All dimensions are subject to manufactures tolerance of plus or minus 1/2" nominal and subject to change without notice. Murdock assumes no responsibility for use of void or superseded data. Dimensions may change with the addition of optional accessories. Murdock Mfg.™, Member of Morris Group International™. Please visit <b>www.murdockmfg.com</b> for most current specifications.
	Company_____		
	Contact_____	Title_____	
	Signature (Approval for Manufacturing)_____Date_____		

*All dimensions are subject to manufactures tolerance of plus or minus 1/2" nominal and subject to change without notice. Murdock assumes no responsibility for use of void or superseded data. Dimensions may change with the addition of optional accessories. Murdock Mfg.™, Member of Morris Group International™. Please visit [www.murdockmfg.com](http://www.murdockmfg.com) for most current specifications.*

**MURDOCK MFG.** • 15125 Proctor Avenue • City of Industry, CA 91746 USA  
Phone 800-453-7465 or 626-333-2543 • Fax 626-855-4860 • [www.murdockmfg.com](http://www.murdockmfg.com)

Member of  MORRIS GROUP

# MECHANICAL FAUCETS

## 404-HZE70ABCP

### Manual Sink Faucets



#### Product Type

Deck Mounted Fully Adjustable, 6" - 26" Concealed Hot and Cold Water Sink Faucet

#### Features & Specifications

- Fully Adjustable, 6" - 26"
- 0.5 GPM (1.9 L/min) Non-Aerating Laminar Outlet
- 2-3/8" Vandal Proof Lever Handles
- Quatern Compression Operating Cartridges
- 1/2" NPSM Supply Inlets and Coupling Nut for 3/8" or 1/2" Flexible Riser
- 5" Center to Center Rigid Cast Brass Spout
- ECAST® design provides durable construction with total lead content equal to or less than 0.25% by weighted average

#### Performance Specification

- Rated Operating Pressure: 20-125 PSI
- Rated Operating Temperature: 40-140°F

#### Warranty

- Lifetime Limited Faucet Warranty
- 5-Year Limited Cartridge Warranty
- 1-Year Limited Finish Warranty

#### Codes & Standards

- ASME A112.18.1/CSA B125.1
- Certified to NSF/ANSI 61, Section 9 by CSA
- California Health and Safety Code 116875 (AB1953-2006)
- Vermont Bill S.152
- NSF/ANSI 372 Low Lead Content
- ADA ANSI/ICC A117.1

Job Name \_\_\_\_\_

Item Number \_\_\_\_\_

Section/Tag \_\_\_\_\_

Model Specified \_\_\_\_\_

Architect \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor \_\_\_\_\_

☐ Submitted as Shown      ☐ Submitted with Variations

Date \_\_\_\_\_



#### ECAST

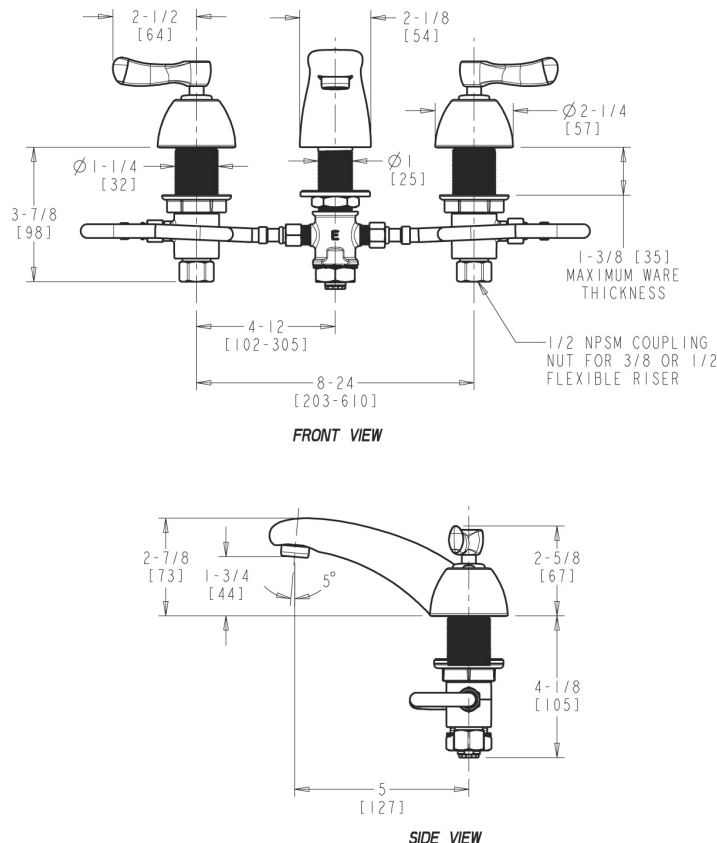
ECAST products are intended for installation where state laws and local codes mandate lead content levels or in any location where lead content is a concern.





### Architect/Engineer Specification

Chicago Faucets No. 404-HZE70ABCP, Sink Faucet for hot and cold water, concealed deck-mount with fully adjustable 6"-26" centers, chrome plated. Rigid, cast brass spout, 5" center-to-center. 0.5 GPM (1.9 L/min) laminar flow non-aerating outlet. 2-3/8" metal, vandal-proof, lever handles with eight-point, tapered broach and blue and red index buttons. Quatum<sup>a</sup> rebuildable compression cartridge, opens and closes 90°, closes with water pressure, features square, tapered stem. Flexible stainless steel hoses allow handle placement from 6"-26". 1/2" NPSM supply inlets and coupling nut for 3/8" or 1/2" flexible riser. ECAST<sup>™</sup> construction with less than 0.25% lead content by weighted average. This product meets ADA ANSI/ICC A117.1 requirements and is tested and certified to industry standards: ASME A112.18.1/CSA B125.1, Certified to NSF/ANSI 61, Section 9 by CSA, California Health and Safety Code 116875 (AB1953-2006), Vermont Bill S.152, and NSF/ANSI 372 Low Lead Content.



### Operation and Maintenance

Installation should be in accordance with local plumbing codes. Flush all pipes thoroughly before installation. After installation, remove spout outlet or flow control and flush faucet thoroughly to clear any debris. Care should be taken when cleaning the product. Do not use abrasive cleaners, chemicals or solvents as they can result in surface damage. Use mild soap and warm water for cleaning and protecting the life of Chicago Faucet products. For specific operation and maintenance refer to the installation instructions and repair parts documents that are located at [www.chicagofaucets.com](http://www.chicagofaucets.com).

Chicago Faucets, member of the Geberit Group, is the leading brand of commercial faucets and fittings in the United States, offering a complete range of products for schools, laboratories, hospitals, office buildings, food service, airports and sport facilities. Call 1.800.TECTRUE or 1.847.803.5000 Option 1 for installation or other technical assistance.



## LUCERNE™ WALL-HUNG LAVATORY

- Wall-hung sink
- Vitreous china
- Front overflow
- D-shaped bowl
- Self-draining deck area with contoured back and side splash shields
- Faucet ledge
- Compliant with Texas accessibility standard (TAS) for children age group 13 and up

### Faucet holes on 203mm (8") centers (Illus.):

- ☐ **0356.028** For exposed bracket support  
Shown with 4801.862 Amarilis Heritage faucet with Triune Cross handles (not included)
- ☐ **0356.015** For wall hanger (included) or concealed arms support
- ☐ **0356.915** For wall hanger (included) or concealed arms support
  - Less overflow

### Faucet holes on 102mm (4") centers:

- ☐ **0355.027** For exposed bracket support
- ☐ **0355.012** For wall hanger (included) or concealed arms support
- ☐ **0355.912** For wall hanger (included) or concealed arms support
  - Less overflow

### Single center faucet hole (Illus.):

- ☐ **0356.041** For exposed bracket support  
Shown with 1340.000 metering faucet (not included)
- ☐ **0356.421** For wall hanger (included) or concealed arms support
- ☐ **0356.921** For wall hanger (included) or concealed arms support
  - Less overflow
- ☐ **0356.439** For wall hanger (included) or concealed arms support
  - Single faucet hole on right
- ☐ **0356.066** For exposed bracket support
  - Single faucet hole on right

### Nominal Dimensions:

521 x 464mm  
(20-1/2" x 18-1/4")

### Bowl sizes:

381mm (15") wide  
254mm (10") front to back  
165mm (6-1/2") deep

### Compliance Certifications -

### Meets or Exceeds the Following Specifications:

- ASME A112.19.2 / CSA B45.1 for Vitreous China Fixtures



**0356.028**



**0356.041**

SEE FOLLOWING PAGES FOR ROUGHING-IN DIMENSIONS

#### To Be Specified:

- ☐ Color: ☐ White
- ☐ Faucet\*:
- ☐ Faucet Finish:
- ☐ Supplies:
- ☐ 1-1/4" Trap:
- ☐ Nipple:
- ☐ Bracket Support (by others):
- ☐ Concealed Arms Support (by others):

\* See faucet section for additional models available



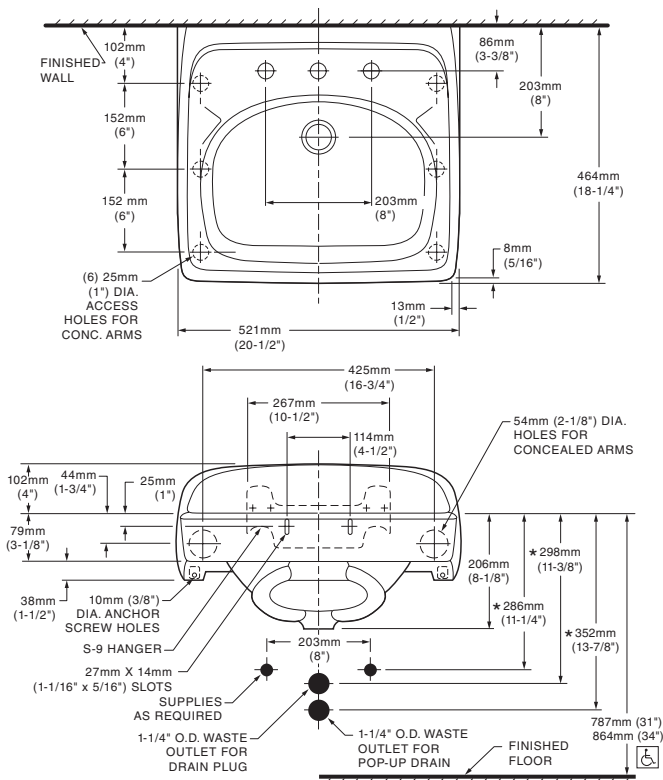
**MEETS THE AMERICANS WITH DISABILITIES ACT GUIDE-  
LINES AND ANSI A117.1 ACCESSIBLE AND USABLE  
BUILDINGS AND FACILITIES - CHECK LOCAL CODES.**

Top of front rim mounted 864mm (34") from finished floor.

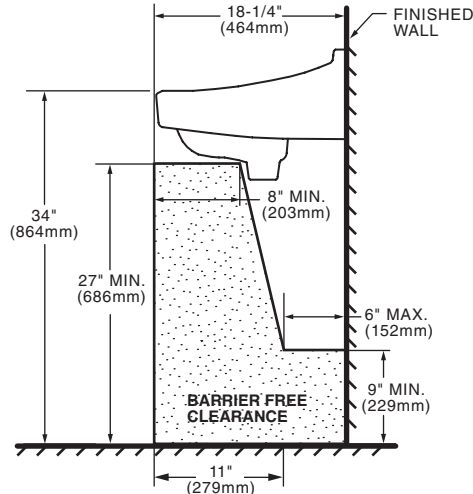
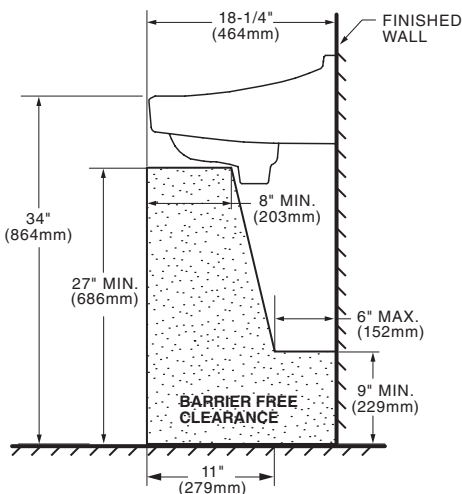
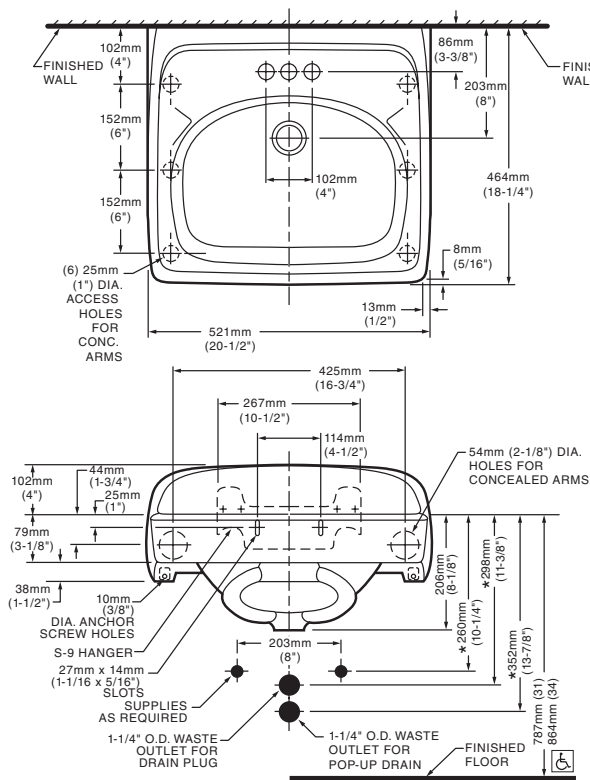
© 2016 AS America Inc.



- 0356.028** 8" CTRS FOR EXPOSED BRACKET SUPPORT  
**0356.015** 8" CTRS FOR WALL HANGER  
 OR CONCEALED ARMS  
**0356.915** LESS OVERFLOW



- 0355.027** 4" CTRS FOR EXPOSED BRACKET SUPPORT  
**0355.012** 4" CTRS FOR WALL HANGER OR  
 CONCEALED ARMS  
**0355.912** LESS OVERFLOW



**NOTES:**

\* DIMENSIONS SHOWN FOR LOCATION OF SUPPLIES AND "P" TRAP ARE SUGGESTED.  
 PROVIDE SUITABLE REINFORCEMENT FOR ALL WALL SUPPORTS.  
 FITTINGS NOT INCLUDED AND MUST BE ORDERED SEPARATELY.  
 CONCEALED ARM SUPPORT AS REQUIRED TO BE FURNISHED BY OTHERS.

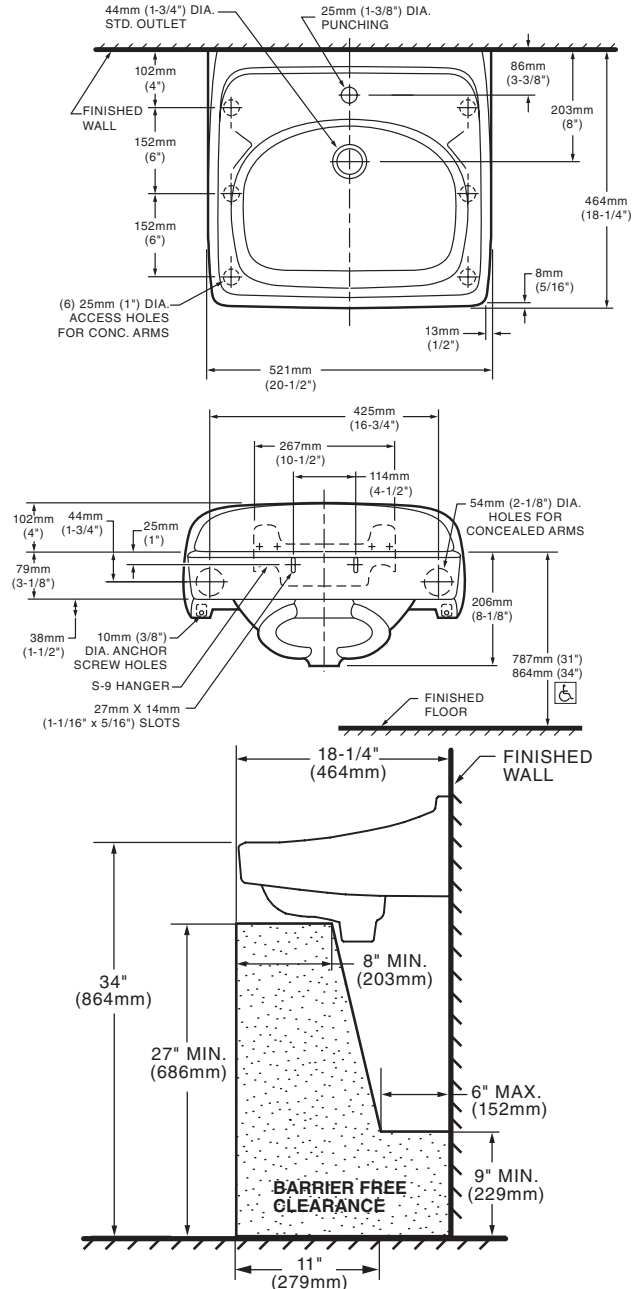
**IMPORTANT:** Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.2. These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages.

 LAVATORY DESIGNED TO MEET ADA HANDICAPPED GUIDELINES WITH MOUNTING HEIGHT SET AT 864MM (34") ABOVE FINISHED FLOOR.

**0356.041** SINGLE CENTER HOLE FOR EXPOSED  
BRACKET SUPPORT

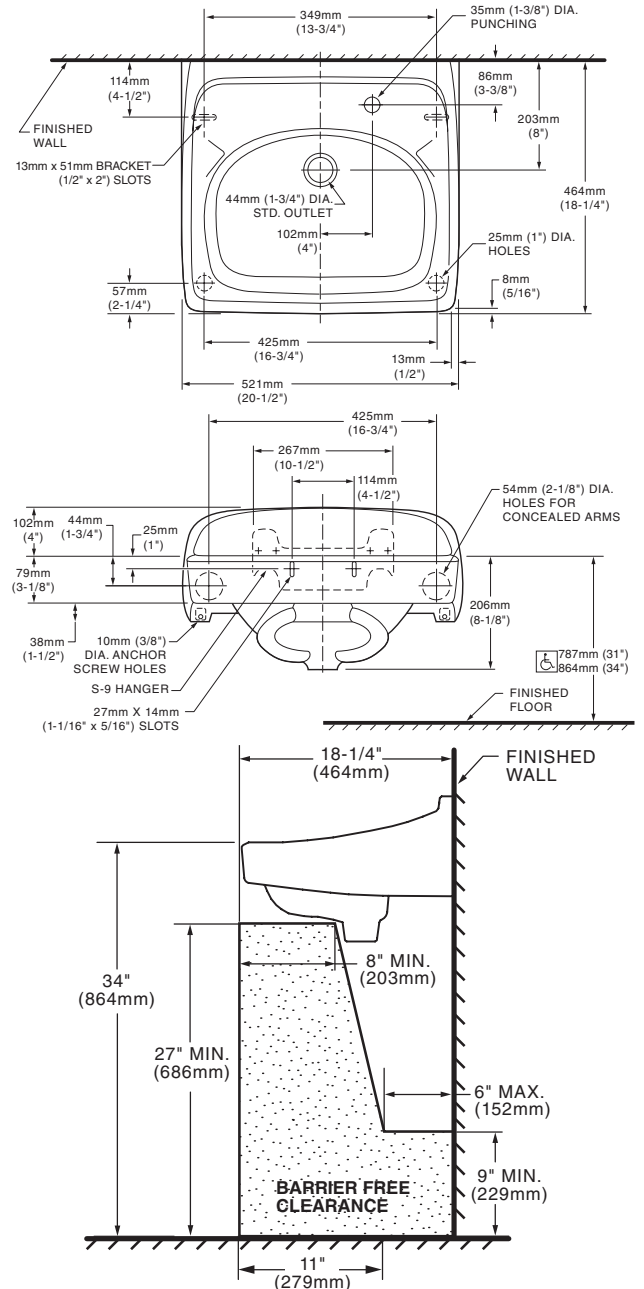
**0356.421** SINGLE CENTER HOLE FOR WALL  
HANGER OR CONCEALED ARMS

**0356.921** LESS OVERFLOW



**0356.439** SINGLE CENTER HOLE ON RIGHT FOR WALL  
HANGER OR CONCEALED ARMS

**0356.066** SINGLE CENTER HOLE ON RIGHT FOR  
EXPOSED BRACKET SUPPORT



**NOTES:**

\* DIMENSIONS SHOWN FOR LOCATION OF SUPPLIES AND "P" TRAP ARE SUGGESTED.  
PROVIDE SUITABLE REINFORCEMENT FOR ALL WALL SUPPORTS.  
FITTINGS NOT INCLUDED AND MUST BE ORDERED SEPARATELY.  
CONCEALED ARM SUPPORT AS REQUIRED TO BE FURNISHED BY OTHERS.

**IMPORTANT:** Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.2. These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages.



LAVATORY DESIGNED TO MEET ADA HANDICAPPED GUIDELINES WITH MOUNTING HEIGHT  
SET AT 864MM (34") ABOVE FINISHED FLOOR.

**Afwall® Millenium™ FloWise® Elongated  
Flushometer Toilet LESS EverClean®**

- Wall-mounted flushometer valve toilet
- Vitreous china
- Conventional glaze
- High Efficiency, Low Consumption. Operates in the range of 1.1 gpf to 1.6 gpf (4.2 Lpf to 6.0 Lpf)
- Meets definition of HET (High Efficiency Toilet) when used with a high efficiency flush valve (1.1 gpf - 1.6 gpf or 1.28/1.1 gpf dual flush)
- Maximum Performance (MaP) score of 1,000 grams at 1.1 gpf - 1.6 gpf
- Condensation channel
- Concealed trapway design
- Elongated bowl
- Powerful direct-fed siphon jet action
- 1-1/2" inlet spud
- Fully-glazed 2-1/8" trapway
- 10" x 12" water surface area
- Tested to support static weight load of 1,000 lbs. (454 kg)

- ☐ **2257.101** Elongated bowl only, top spud
- ☐ **2633.101** Elongated bowl only, top spud with slotted rim for bedpan holding
- ☐ **2634.101** Elongated bowl only, back spud

**System MaP\* Score:**

- 1,000 grams of miso @ 1.1 gpf to 1.6 gpf when used with an American Standard flush valve

\* Maximum Performance (MaP) testing performed by IAPMO R&T Lab. MaP Report conducted by Veritec Consulting, Inc. and Koeller and Company.

**Component Parts:**

- ☐ **047007-0070A** Inlet Spud (furnished with bowl)

**Nominal Dimensions:**

660 x 356 x 381mm  
(26" x 14" x 15")

Recommended working pressure—between 25 psi at valve when flushing and 80 psi static

Fixture only, less seat, bolt caps, and flushometer valve

**Compliance Certifications -**

**Meets or Exceeds the Following Specifications:**

- ASME A112.19.2/CSA B45.1 for Vitreous China Fixtures



SEE REVERSE FOR ROUGHING-IN DIMENSIONS

**To Be Specified:**

- ☐ Color: ☐ White
- ☐ Seat:
  - ☐ American Standard #5901.100 Heavy duty open front less cover
  - ☐ American Standard #5905.100 Extra heavy duty open front less cover
- ☐ Flushometer Valve:
  - ☐ 1.6 gpf:
    - ☐ Sensor-Operated: American Standard Selectronic® DC Power #6065.161.002 (Top Spud)  
AC Power #6067.161.002 (Top Spud)
    - ☐ Manual: American Standard #6047.161.002 (Top Spud)
  - ☐ 1.28 gpf:
    - ☐ Sensor-Operated: American Standard Selectronic® DC Power #6065.121.002 (Top Spud)  
AC Power #6067.121.002 (Top Spud)
    - ☐ Manual: American Standard #6047.121.002 (Top Spud)
  - ☐ 1.6 / 1.1 gpf Dual Flush:
    - ☐ Sensor-Operated: American Standard Selectronic® DC Power #6065.761.002 (Top Spud)  
AC Power #6067.761.002 (Top Spud)
  - ☐ 1.28 / 1.1 gpf Dual Flush:
    - ☐ Sensor-Operated: American Standard Selectronic® DC Power #6065.721.002 (Top Spud)  
AC Power #6067.721.002 (Top Spud)



MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND ANSI A117.1 REQUIREMENTS FOR ACCESSIBLE AND USABLE BUILDING FACILITIES - CHECK LOCAL CODES.

- When installed so top of seat is 432 to 483mm (17" to 19") from the finished floor.



ENVIRONMENTAL  
PRODUCT  
DECLARATION



When used with  
1.1 or 1.28 gpf  
toilet flush valves



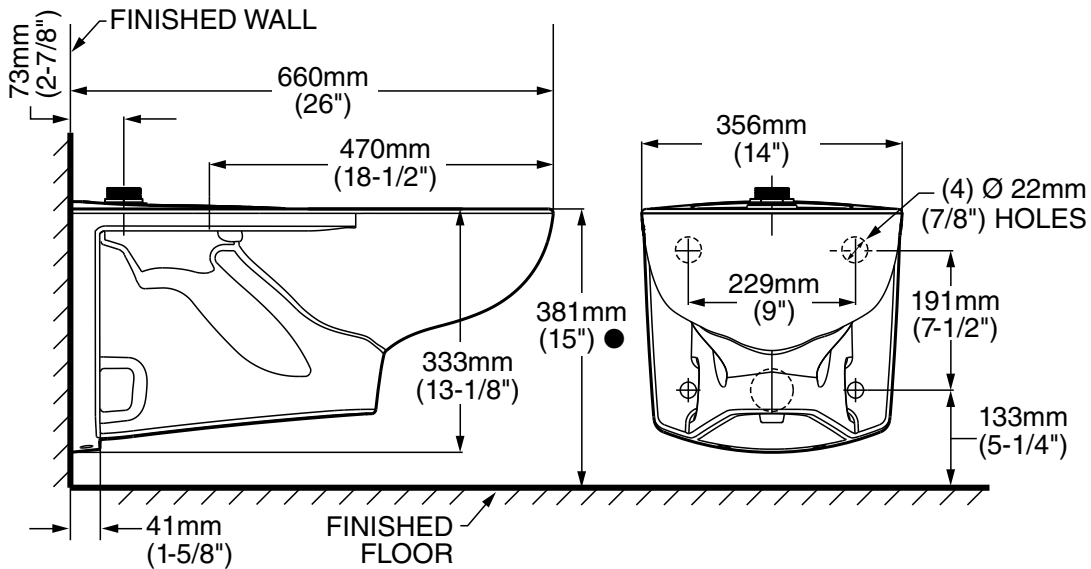
ADA  
COMPLIANT



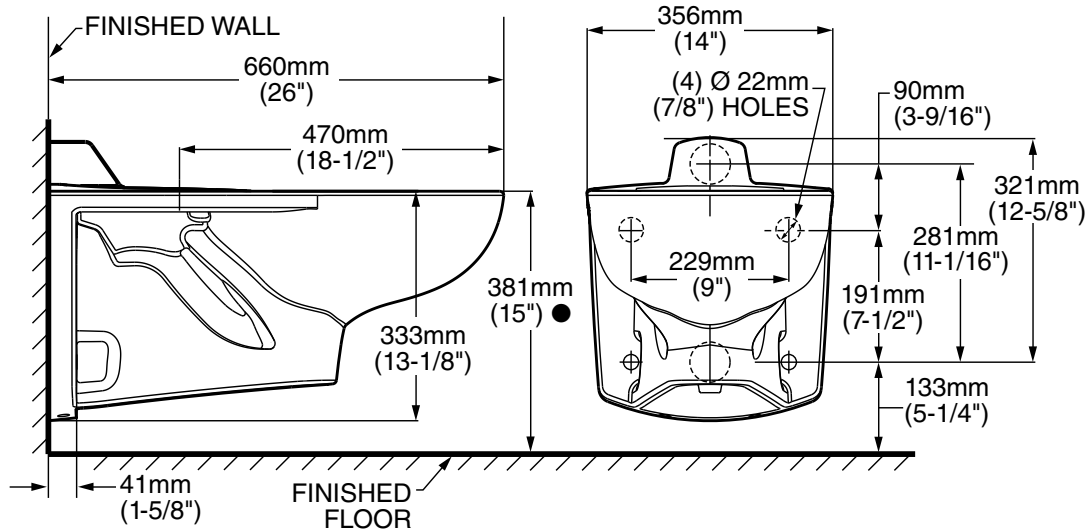
WATER  
EFFICIENT



2257.101/2633.101



2634.101



NOTES:

● Toilet designed to meet ADA accessibility standards when top of seat height set at 432 to 483mm (17" to 19") from finished floor.

PRODUCT 2257 SHOWN. 2366 SAME EXCEPT WITH SLOTTED RIM FOR BED PAN HOLDING.

**WASTE OUTLET SEAL RING MUST BE NEOPRENE OR GRAPHITE-FELT (WAX RING NOT RECOMMENDED).**

SUGGESTED 2mm (1/16) CLEARANCE BETWEEN FACE OF WALL AND BACK OF BOWL.

TO COMPLY WITH AREA CODE GOVERNING THE HEIGHT OF VACUUM BREAKER ON THE FLUSHOMETER VALVE, THE PLUMBER MUST VERIFY DIMENSIONS SHOWN FOR SUPPLY ROUGHING.

FLUSHOMETER VALVE NOT INCLUDED WITH FIXTURE AND MUST BE ORDERED SEPARATELY.

CARRIER FITTING AS REQUIRED TO BE FURNISHED BY OTHERS.

PROVIDE SUITABLE REINFORCEMENT FOR ALL WALL SUPPORT.

**IMPORTANT:** Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.2.

These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages

**CODE NUMBER**

3910168

**DESCRIPTION**

1.28 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Royal® Exposed Manual Water Closet Flushometer.

**DETAILS**

- Flush Volume: 1.28 gpf (4.8 Lpf)
- Finish: Polished Chrome (CP)
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Top Spud
- Rough-In Dimension: 11 ½" (292mm)
- Spud Coupling: 1 ½" (38mm)
- Supply Pipe: 1" (25mm)

**FEATURES**

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Sweat Solder Adapter with Cover Tube & Cast Wall Flange with Set Screw
- Non-Hold-Open Handle, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Diaphragm, Handle Packing and Vacuum Breaker to be molded from PERMEX® Rubber Compound for Chloramine Resistance
- ADA Compliant Metal Oscillating Non-Hold-Open Handle
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Free Spinning Vandal Resistant Stop Cap

**VIDEOS**

- ▶ PVD Special Finishes


**COMPLIANCES & CERTIFICATIONS**


(ADA Compliant, BAA Compliant, BREEAM Materials Credit, BREEAM Water Credit, Carbon Neutral, cUPC Certified, cUPC Green Certified, EPD, Green Globes Materials & Resources Credit, Green Globes Water Credit, HPD, LBC Credit, LEED Materials & Resources EPD Credit, LEED Materials & Resources HPD Credit, LEED V4 Water Efficiency Credit, Satisfies LEED Credits, WaterSense Listed, WELL Building Standard)

**RECOMMENDED SPECIFICATION**

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi- Red Brass. Valve shall be in compliance with the applicable sections of ASSE 1037 and ANSI/ASME 112.19.2.

**VALVE OPERATING PRESSURE (FLOWING)**

15–80 PSI (103–552 kPa). Specific fixtures may require greater minimum flowing pressure - consult manufacturer requirements.

**DOWNLOADS**

- [Royal Exposed Installation Instructions](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)
- [Tail Piece Repair and Maintenance Guide](#)
- [Royal Manual Diaphragm Flushometer Repair and Maintenance Guide](#)
- [Tools/Accessories](#)
- [Flushometer Pressure gauges](#)
- [Additional Downloads](#)

**NOTES**

All information contained within this document subject to

**Sloan 10500 Seymour Ave, Franklin Park, IL 60131**

Phone: 800.982.5839 • Fax: 800.447.8329 • [sloan.com](http://sloan.com)

change without notice.

Looking for other variations of the ROYAL 111 product? [View the general spec sheet with all options.](#)

[Find a compatible urinal](#) for this flushometer.

[Find a compatible water closet](#) for this flushometer.

WaterSense compliant when used with a WaterSense compliant fixture

**ROUGH-IN**

