

**4140 BACK SUPPLY    4145 TOP SUPPLY**

**Floor Mounted, Floor Outlet**

These Toilet Fixtures are designed for high security areas with an accessible pipe chase. The fixtures are fabricated using heavy gauge type 304 stainless steel, seamlessly welded to form a one piece, vandal resistant unit. Internal piping is stainless steel. Exposed surfaces have a satin finish, except for the integral seat which is polished to a bright mirror finish.

**PERFORMANCE**

Metcraft bowls and assemblies are designed to withstand 5000 lb. (22kN) loading without permanent deflection and damage. They meet or exceed ASME 112.19.6M for hydraulic performance and ASME 112.19.2M for physical dimensions. The trap will pass a 2<sup>5</sup>/<sub>8</sub>" (67mm) dia. ball. A minimum 1" (25mm) supply providing 25psi (172kPa) flushing pressure is required.

**Water Consumption:**

With a water saver flush valve - 3.5 gpf (13 liters)

With a low consumption flush valve - 1.6 gpf (6 liters)

**INSTALLATION**

An accessible pipe chase is required. Toilet must first be set in place and sealed to closet flange. Four 1/2" (13mm) dia. plated steel anchor rods screw into sockets on back of the fixture. Anchor rods are secured with washer lugs and hex nuts on the chase side of the wall. Floor anchors consist of two 3/8" (10mm) threaded steel studs and vandal resistant cap nuts to secure unit. Gasket flange is also supplied with two 3/8" (10mm) diameter mounting holes 6" (152mm) on center for mounting to waste flange. The installer must provide wall openings for anchor rods and piping per rough-in drawings provided by Metcraft.

NOTE: A security frame (wall sleeve) is recommended when installed on a new block (CMU) or poured concrete wall. A security frame is not appropriate for hollow wall construction.



Unit may be pictured with some optional features.

**RECOMMENDED FLUSH VALVES**

	SLOAN	ZURN	DELANY
Concealed water saver	611	Z6611	F540
Concealed low consumption	611-1.5	Z6611-1.5	F540-1.5
Exposed water saver	110	Z6606	F439
Exposed low consumption	111	Z6606-1.5	F439-1.5

**STANDARD FEATURES**

- Floor mounted, floor outlet waste.
- Plated steel concealed anchor rods and fasteners.
- 4140 back supply connection 1 1/2" (38mm) FIPT.
- 4145 top supply connection 1 1/2" (38mm) MIPT.
- Integral elongated seat.
- Self draining flushing rim.
- Blowout flushing action.
- 3" (76mm) OD toilet waste tube with 5 1/2" (140mm) dia. recessed gasket flange.
- Fully enclosed trap.

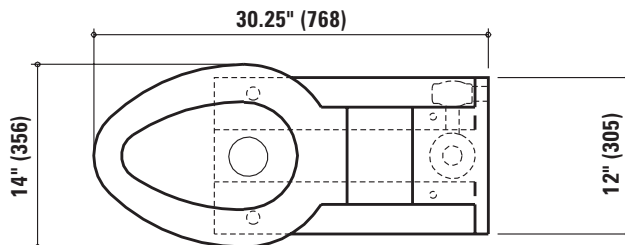
**OPTIONS & ACCESSORIES**

Listing of available options and accessories is located at the back of this section.

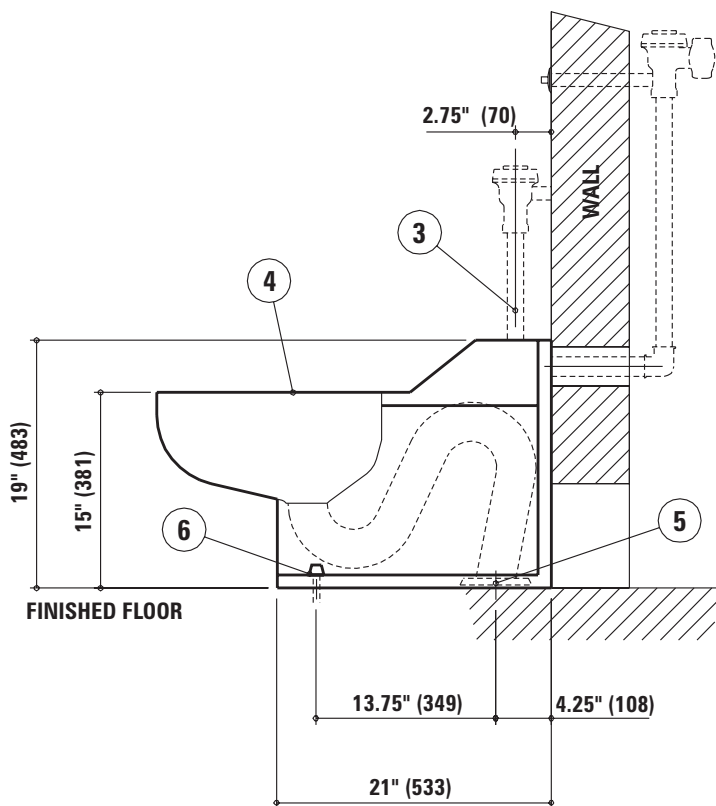




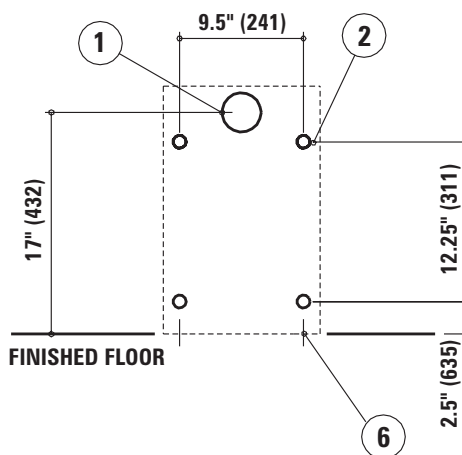
FIXTURE PLAN VIEW



FIXTURE SIDE VIEW



WALL ELEVATION VIEW (fixture side)



**ROUGH-IN INFORMATION**

- ① 3" (76mm) wall opening for 1 1/2" (38mm) FIPT flush supply inlet (model #4140)
- ② 1" (25mm) dia. wall openings for anchors (4)
- ③ 1 1/2" (38mm) MIPT top supply inlet (model #4145)
- ④ Mirror finish seat
- ⑤ Floor outlet gasket flange
- ⑥ Floor anchors (2)

Due to continuous product improvement Metcraft reserves the right to make changes in design and specifications without prior notice. All dimensions should be verified with the factory for current information.

2007



**THE FOLLOWING OPTIONS & ACCESSORIES ARE FOR TOILET FIXTURE MODEL NO'S:**

**4105, 4110/4115, 4120/4125, 4140/4145, 4160/4165, 4170/4175**

**ACCESSORY ITEMS**

- A120** Security frame (wall sleeve)
- A168** Metal template

**TOILET SEAT**

- HS** Hinged white plastic seat (no cover)

**TOILETRY ACCESSORIES**

- A720** Wall mounted tissue holder

**TOILET WASTE**

- PL** Waste extension 3" (76mm) into chase
- GW** Gasket waste outlet

**TOILET WASTE PLAIN END COUPLINGS**

- A210-1** 3" (76mm) s/s to 4" (102mm) CI
- A210-2** 3" (76mm) s/s to 4" (102mm) PL
- A210-3** 3" (76mm) s/s to 3" (76mm) CI
- A210-4** 3" (76mm) s/s to 3" (76mm) PL

**TOILET WASTE NO-HUB CLEANOUT TEES**

- A215-3** 3" (76mm)
- A215-4** 4" (102mm)

**TOILET WASTE PINNED CLEANOUT PLUGS**

- A216-3** 3" (76mm)
- A216-4** 4" (102mm)

**GASKET WASTE CONNECTIONS**

- A228** Torque 4" (102mm) NH floor

**TOP SUPPLY MODELS:**

- A615** Flush valve enclosure

**BACK SUPPLY MODELS:**

- A611** Flush valve access panel 15" (381mm) x 19" (483mm)

**ANTI-FLOOD OPTIONS**

- AFH** Hydraulic Anti-flood device
- Only available on rear mounted, rear supply models which include:

- 4105**
- 4110**
- 4120**
- 4140**
- 4160**
- 4170**

**Not available on Top supply or Front mounted models which include:**

- 4115**
- 4125**
- 4145**
- 4165**
- 4175**
- 4500**
- 4610/4615**
- 4620/4625**
- 4640/4645**
- 4641/4646**
- 4660/4665**
- 4670/4675**

# METCRAFT

INDUSTRIES INC.