**Sloan Collection: State Street Collection**

**Product Selection: ST2459-STG water closet with SOLIS 8111 sensor flushometer, SU7009-STG urinal with SOLIS 8186 sensor flushometer, DSWD Sink system with EAF 250 sensor faucet and ESD 2000 soap dispenser.**

**Collection Details and Design Assets:** <https://www.sloan.com/design/inspiration/collections/state-street>

**Product Collection Inquiry: PH: 1.800.982.5839 –** Customer.Service@Sloan.com

**SECTION 224213.13 - COMMERCIAL WATER CLOSETS**

**WALL-MOUNTED WATER CLOSETS**

A. Water Closets <**Insert drawing designation**>: Wall mounted, top spud [**accessible**].

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **ST-2459-STG** with SloanTec hydrophobic Glaze and 1000g Map score. Buy American Act (BAA) Compliant.

 Product: ST 2459-STG [(Specification)](https://www.sloan.com/spec-sheet/2172459)

 Standard: ASME A112.19.2/CSA B45.1

 Material: Vitreous China

 Bowl: Standard

 Type: Siphon Jet

 Style: Flushometer Valve

 Rim Height: 13 ¼” to 17” ADA

 Rim Contour: Elongated

 Water Consumption: 1.1 - 1.6 gpf (4.2 - 6.0 Lpf)

 Spud Size and Location: IPS 1 1/2", top inlet

 Color: White

 Bowl to Drain Connection: [ASTM A 1045] or [ASME A112.4.3.]

 Flushometer Valve: <Insert Flushometer valve designation>.

 Toilet Seat: <Insert Toilet seat designation>

**FLUSHOMETER VALVES**

A. Battery-Powered, Solenoid-Actuator, Diaphragm Flushometer Valves **<Insert designation>**:

Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **Solis 8111 PVDGR** Solar powered, sensor activated Flushometer. The sensor assembly is powered by a solar cell that will harvest power from the artificial indoor light (incandescent, fluorescent, or LED), and use it as the energy source. The solar cell can provide approximately 100% power with 650 illuminances (lux). Valve body, Cover, Tailpiece and Control Stop shall be in compliance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be Made in the USA.

 Product: Solis 8111 [(Specification)](https://www.sloan.com/general-spec/3016)

 Standard: ASSE 1037

 Minimum Pressure Rating: 15 PSI (103 kPa)

 Features: Solar powered for extended battery life.

 Material: Semi Red Brass Body with Corrosion Resistant Components

 Exposed Flushometer Finish PVD Graphite

 Style: Exposed Flushometer

 Actuator: Solenoid complying with UL 1951, and listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

 Operation: Operates using ambient light to power capacitors, providing battery backup if required. 7-10 battery life.

 Trip Mechanism: Battery powered electronic sensor complying with UL 1951, and listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

 Consumption: 1.1 gal. (4.2L), 1.28 gal. (4.8 L) per flush, 1.6 gal. (6 L) per flush 1.6/1.1 gal. (6/4.2 L) per dual flush

 Minimum Inlet: NPS 1 (DN 25).

 Minimum Outlet: NPS 1-1/2 (DN 40).

**WALL HUNG URINALS**

A. Urinal <**Insert drawing designation**>: Wall hung, Back outlet, top spud, washdown.

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **SU7009-STG** Washdown Urinal with SloanTec hydrophobic Glaze.

 Products: SU7009-STG [(Specification)](https://www.sloan.com/spec-sheet/1177009)

 Standard: ASME A112.19.2/CSA B45.1

 Material: Vitreous China

Type: Washdown

Strainer or Trapway: [Manufacturer's standard strainer] <insert strainer> with integral Trap.

Water Consumption: 0.125 – 1.0 gpf (0.5 – 3.8 Lpf)

Spud Size and Location: NPS 3/4 inch (DN 20) [Top]

Waste Fitting: NPS 2 inch (DN 50) [Back]

Color: White

 Flushometer Valve: <Insert urinal flushometer-valve designation from "Urinal Flushometer Valves" Article>.

 Support: [Type I Urinal Carrier] with fixture support plates and coupling with seal and fixture bolts and hardware matching fixture. [ Include rectangular, steel uprights.] <Insert carrier>.

 Urinal Mounting Height: [Standard] [Child] [Handicapped/elderly according to ICC A117.1].

**URINAL FLUSHOMETER VALVES**

A. Battery-Powered, Solenoid-Actuator, Diaphragm Flushometer Valves **<Insert designation>**:

Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **Solis 8186 PVDGR** Solar powered, sensor activated Flushometer. Rubber components must be chloramine resistant PERMEX® rubber with dual filter diaphragm assembly. The sensor assembly is powered by a solar cell that will harvest power from the artificial indoor light (incandescent, fluorescent, or LED), and use it as the energy source. The solar cell can provide approximately 100% power with 650 illuminances (lux). Valve body, Cover, Tailpiece and Control Stop shall be in compliance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be Made in the USA.

 Product: Solis 8186 [(Specification)](https://www.sloan.com/general-spec/1081)

 Standard: ASSE 1037

 Minimum Pressure Rating: 15 PSI (103 kPa)

 Features: Solar powered extending battery life, Chloramine resistant rubber components

 Material: Semi-Red brass body with corrosion resistant components

 Exposed Flushometer Finish: PVD Graphite

 Style: Exposed Flushometer

Actuator: Solenoid complying with UL 1951; listed and labeled as defined in NFPA 70, by a qualified testing agency; and marked for intended location and application.

Operation: Operates using ambient light to power capacitors, providing battery backup if required. 7-10 battery life.

Trip Mechanism: Battery powered electronic sensor complying with UL 1951, and listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

 Consumption: 0.125 gpf (0.5 L), .25 gpf (0.9 L), .5 gpf (1.9 L), 1.0 gpf (3.8 L), 1.5 gpf (5.7 L)

 Minimum Inlet: 3/4" (DN 20)

 Minimum Outlet: 3/4" (DN 20)

**SECTION 224216.13 - COMMERCIAL LAVATORIES**

**SOLID SURFACE LAVATORY SYSTEMS**

A. Lavatory system **<Insert Drawing Designation>**: Solid surface side by side hand wash stations.

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: Sloan Designer Series Sink model no. **DSWD 8X000** Weir Deck Style Sink. Product to be fabricated out of Corian or Quartz. Optional Basin Grate to be made of Stainless. Includes choice of Sloan sensor activated faucet(s). Sloan sensor activated foam soap dispenser(s). Sink design to be ADA compliant and IAPMO certified. Supplied with angle brackets or enclosure.

Product: DSWD 8X000 [(Specification)](https://www.sloan.com/commercial-bathroom-products/sinks/designer-series#!weir-deck)

Standard: Meets or exceeds ASME A112.18.1/CSA B125.1, ANSI A117.1, IGC156, CSA B45.5/IAPMO Z124, NSF 371, UL499

Electrical Components: Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

 Bowl & Counter:

 Standard: cUPC, IAPMO IGC 156

Height to Rim: [**34 inches (864 mm)**] <**Insert dimension**> above floor. Standard [34" 864 mm] ADA [ 33", 838 mm ] Child [29-7/8", 759 mm ] [according to ICC.A117.1]

 Color or Finish: **<Corian Pearl Gray>**

 Corian: <https://www.na.corian.com/>

Material: Corian Solid Surface

Overall Dimensions: 1 station [30” by 22” by 5” inches], 2 station [60” by 22” by 5” inches], 3 station [90” by 22” by 5” inches], 4 station [120” by 22” by 5” inches], **<Insert Custom dimensions>.**

 Access Panel: Enclosure made with Wilsonart Black Laminate

Mounting: Wall hung. Carrier not required when using mounting brackets or mounting frame.

Number of Stations: [**One**] [**Two**] [**Three**] [**Four**]. For Sink Systems greater than four (4) stations consult Sloan.

 Drain: Grid with NPS 1-1/2 (DN 40) tailpiece, each bowl.

Drain Finishes: PVD Graphite

Faucet: EAF 250 PVDGR

**AUTOMATICALLY OPERATED SINK FAUCETS**

**BATTERY POWERED MID HEIGHT SINK FAUCETS**

A. Sink faucet <Insert Designation> Automatic type, sensor activated, battery powered. mid height

 Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **EAF 250 PVDGR** with all electronics built within the spout and 24-hour sentinel flush. Self-cleaning aerator. Must meet NSF/ANSI/CAN 61: Q < 1. Annex G “Drinking Water System Components Health Effects,” for faucet materials that will be in contact with potable water.

 Product: EAF 250 [(Specification)](https://www.sloan.com/general-spec/571)

 Standard: ASME A112.18.1, UPC Certified, UPC Low Lead Compliant

 Electrical Components: Devices, and accessories: Listed and labeled as defined in NEPA 70, by a qualified testing agency, and marked for intended location and application.

 General: Include hot and cold indicators: coordinate faucet inlets with supplies and fixture hole punching’s: coordinate outlet with spout and fixture receptor.

 Body Type: [Single Hole]

 Body Material: [Commercial], [General Duty], Chrome plated Die-Cast constructed metal.

 Finish: PVD Graphite

 Maximum Flow Rate: [0.35 gpm, 1.3 Lpm], [0.5 gpm, 1.9 Lpm], [1.0 gpm, 3.8 Lpm], [2.2 gpm, 8.3 Lpm]

 Mounting Type: Deck

 Spout: Rigid Type

 Spout Outlet: [Multi-Laminar], [Laminar], [Aerated]

 Drain: [Not part of faucet] **<Insert Type>**

**SECTION 102800 - TOILET BATH AND LAUNDRY ACCESSORIES**

**PUBLIC-USE WASHROOM ACCESSORIES – SOAP DISPENSERS**

A. Automatic Foam Soap Dispenser **<Insert Drawing Designation>**

Basis of Design Product: Subject to compliance with requirements, provide Sloan Valve Company: **ESD-2000 PVDGR** Battery Powered Deck Mount Sensor Activated Foam Soap Dispenser. Includes sealed above deck electronics with modular one-piece construction.

Product: ESD 2000 [(specification)](https://www.sloan.com/commercial-bathroom-products/soap-dispensers/sloan/esd-2000)

Description: Zinc Die Cast spout, automatic dispenser with infrared sensor to detect presence of hands, battery powered with optional plug-in adapter (ESD 324). Fully sealed electronics with clog free soap activation.

Mounting: Deck mounted

Capacity: 1,500 ML (Comes with 2 - 1,500 ML bottles)

Finish: PVD Graphite

Refill Indicator: No

Low battery indicator: No