Sioux Chief Manufacturing prepared the following guidelines to aid design professionals. Incorporate these guidelines into the appropriate project specification Section. Sioux Chief Manufacturing is not liable in any way for revisions or for the use of this Section by any end user. A qualified design professional should review and edit the document to suit project requirements.

Notes are included to assist the design professional in editing the specifications to suit project requirements and are not intended to be included in the final specification. These notes appear in blue text.

For more information or assistance, contact Sioux Chief Manufacturing.

Sioux Chief Manufacturing:

14940 Thunderbird Road,

Kansas City, MO 64147

Phone: (800) 821-3944

Website: [www.siouxchief.com](http://www.siouxchief.com)

Email: specifications@siouxchief.com

# SECTION 224216.16 - COMMERCIAL SINKS

Revise this Section by deleting and inserting text to meet Project-specific requirements.

Verify that Section titles referenced in this Section are correct for this Project's Specifications; Section titles may have changed.

# GENERAL

## SUMMARY

### Section Includes:

#### Kitchen/utility sinks.

#### Handwash sinks.

#### Sacristy sinks.

#### Supply fittings.

#### Riser tubes.

#### Continuous waste fittings.

#### Sink P-traps.

#### Basket Strainers.

### Related Requirements:

Retain subparagraphs below to cross-reference requirements Contractor might expect to find in this Section but are specified in other Sections.

Retain first subparagraph below for projects that include Section 114000 "Foodservice Equipment" and revise "Kitchen/Utility Sinks" and "Handwash Sinks" articles in this Section correspondingly.

#### Section 114000 "Foodservice Equipment" for NSF-compliant foodservice and handwash sinks.

#### Section 224100 "Residential Plumbing Fixtures" for residential sinks.

## ACTION SUBMITTALS

Action submittals are submittals requiring responsive action and return of reviewed documents to Contractor.

### Product Data: For each type of product.

#### Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for sinks.

#### Include rated capacities, operating characteristics [, electrical characteristics,] and furnished specialties and accessories.

Retain "Sustainable Design Submittals" Paragraph below if required to attain sustainability rating or to track sustainability submittals.

## Sustainable Design Submittals:

"Product Data" Subparagraph below applies to LEED (including v4), IgCC, ASHRAE 189.1, and Green Globes for fixtures and equipment that consume water.

### Product Data: For water consumption.

## INFORMATIONAL SUBMITTALS

Informational submittals are submittals that require review by Architect, but they do not require Architect's responsive action and return of reviewed documents to Contractor, provided submittals comply with requirements. If rejected, submittals with responsive action must be returned to Contractor.

Retain "Coordination Drawings" Paragraph below where coordination is required for installation of products and materials by separate installers. Preparation of coordination drawings requires participation of each trade involved; coordinate with other Sections specifying products and materials to be included. See Section 013100 "Project Management and Coordination."

### Coordination Drawings: Counter cutout templates for mounting of counter-mounted sinks.

## CLOSEOUT SUBMITTALS

### Operation and Maintenance Data: For sinks and faucets to include in operation and maintenance manuals.

Retain subparagraph below if automatic, electronic-sensor faucets are required for Project.

#### In addition to items specified in Section 017823 "Operation and Maintenance Data," include the following:

##### Servicing and adjustments for automatic faucets.

## MAINTENANCE MATERIAL SUBMITTALS

### Extra Stock Material: Furnish extra materials to Owner that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

#### Faucet Washers and O-Rings: Equal to [10] <Insert number> percent of amount of each type and size installed.

#### Faucet Cartridges and O-Rings: Equal to [5] <Insert number> percent of amount of each type and size installed.

# PRODUCTS

Manufacturers and products listed in this Section are neither recommended nor endorsed by the AIA or Deltek. Before selecting manufacturers and products, verify availability, suitability for intended applications, and compliance with minimum performance requirements. For definitions of terms and requirements for Contractor's product selection, see Section 016000 "Product Requirements."

Product options commonly available from manufacturers are included in square brackets throughout the Section Text. Not every manufacturer listed can provide every option offered; verify availability with manufacturers. For definitions of terms and requirements for Contractor's product selection, see Section 016000 "Product Requirements."

Do not use same lavatory designation as is used for another lavatory in Section 224100 "Residential Plumbing Fixtures," Section 224300 "Healthcare Plumbing Fixtures," and Section 224600 "Security Plumbing Fixtures."

## KITCHEN/UTILITY SINKS

Copy "Kitchen/Utility Sinks - Stainless Steel, Counter Mounted" Paragraph below and re-edit for each type of stainless steel, counter-mounted sink required.

Insert drawing designation. Use these designations on Drawings to identify each kitchen/utility sink.

### Kitchen/Utility Sinks - Stainless Steel, Counter Mounted: <Insert drawing designation>.

Retain "Basis-of-Design Product" Subparagraph and list of manufacturers below to require products from manufacturers listed or a comparable product from other manufacturers.

#### Basis-of-Design Product: Subject to compliance with requirements, pro-vide <Insert Specified Manufacture>; <Insert product name or designation>:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

### Kitchen/Utility Sinks - Stainless Steel, Freestanding: <Insert drawing designation>.

Retain "Basis-of-Design Product" Subparagraph and list of manufacturers below to require products from manufacturers listed or a comparable product from other manufacturers.

#### Basis-of-Design Product: Subject to compliance with requirements, pro-vide <Insert Specified Manufacture>; <Insert product name or designation>:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

* 1. HANDWASH SINKS

Retain this article only if "Handwash/Hand Sinks" are not specified in Section 114000 "Foodservice Equipment."

Copy "Handwash Sinks - Stainless Steel" Paragraph below and re-edit for each type of stainless steel handwash sink required.

Insert drawing designation. Use these designations on Drawings to identify each handwash sink.

* + 1. Handwash Sinks - Stainless Steel: <Insert drawing designation>.
			1. **Basis-of-Design Product: Subject to compliance with requirements, provide <Insert Specified Manufacture>; <Insert product name or designation>:**
				1. **Substitutions: [Under provisions of Division 01.] [Not permitted.]**

## SACRISTY SINKS

Sacristy sinks are custom-made products. Fixtures specified below are typical.

Copy "Sacristy Sinks - Stainless Steel, Wall Hung" Paragraph below and re-edit for each type of stainless steel, wall-hung sacristy sink required.

Insert drawing designation. Use these designations on Drawings to identify each sacristy sink.

### Sacristy Sinks - Stainless Steel, Wall Hung: <Insert drawing designation>.

Retain "Manufacturers" Subparagraph and list of manufacturers below to require products from manufacturers listed or a comparable product from other manufacturers.

#### Basis-of-Design Product: Subject to compliance with requirements, provide <Insert Specified Manufacture>; <Insert product name or designation>:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

Copy "Sacristy Sinks - Stainless Steel, Two Bowl, Cabinet Mounted" Paragraph below and re-edit for each type of stainless steel, two-bowl, cabinet-mounted sacristy sink required.

Insert drawing designation. Use these designations on Drawings to identify each sacristy sink.

### Sacristy Sinks - Stainless Steel, Two Bowl, Cabinet Mounted: <Insert drawing designation>.

Retain "Manufacturers" Subparagraph and list of manufacturers below to require products from manufacturers listed or a comparable product from other manufacturers.

#### Basis-of-Design Product: Subject to compliance with requirements, provide <Insert Specified Manufacture>; <Insert product name or designation>:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

Copy "Sacristy Sinks - Stainless Steel, Two Bowl, Counter Mounted" Paragraph below and re-edit for each type of stainless steel, two-bowl, counter-mounted sacristy sink required.

Insert drawing designation. Use these designations on Drawings to identify each sacristy sink.

### Sacristy Sinks - Stainless Steel, Two Bowl, Counter Mounted: <Insert drawing designation>.

Retain "Manufacturers" Subparagraph and list of manufacturers below to require products from manufacturers listed or a comparable product from other manufacturers.

#### Basis-of-Design Product: Subject to compliance with requirements, provide <Insert Specified Manufacture>; <Insert product name or designation>:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

## SUPPLY FITTINGS

### Quarter-Turn Angle Supply Stop: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [130-G Series with escutcheon]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Quarter-Turn Angle Supply Stop Description:

##### Standard: ASME A112.18.1/CSA B125.1. Comply with NSF/ANSI 61 Annex G, "Drinking Water System Components - Health Effects," for supply-fitting materials that will be in contact with potable water.

##### Finish: Chrome.

##### Inlet Connection: [3/8 inch] [5/8 inch] [1/2 inch] with Shallow, chrome-plated steel escutcheon. <Refer to SECTION 221116 - DOMESTIC WATER PIPING for connection type>.

##### Outlet Connection: [1/4 inch] [3/8 inch] compression.

### Quarter-Turn Straight Supply Stop: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [129-G Series with escutcheon]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Quarter-Turn Straight Supply Stop Description:

##### Standard: ASME A112.18.1/CSA B125.1. Comply with NSF/ANSI 61 Annex G, "Drinking Water System Components - Health Effects," for supply-fitting materials that will be in contact with potable water.

##### Finish: Chrome.

##### Inlet Connection: [3/8 inch] [5/8 inch] [1/2 inch] with Shallow, chrome-plated steel escutcheon. <Refer to SECTION 221116 - DOMESTIC WATER PIPING for connection type>.

##### Outlet Connection: [1/4 inch] [3/8 inch] compression.

### Heavy Duty, Quarter-Turn Angle Supply Stop: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [132-G04 Series with escutcheon]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Heavy Duty, Quarter-Turn Angle Supply Stop Description:

##### Standard: ASME A112.18.1/CSA B125.1. Comply with NSF/ANSI 61 Annex G, "Drinking Water System Components - Health Effects," for supply-fitting materials that will be in contact with potable water.

##### Maximum pressure: 125psi / 8.6 bar

##### Maximum temperature: 160°F / 71.1°C.

##### Finish: Chrome.

##### Operation: [Loose Handle] [5-inch extension with escutcheon].

##### Inlet Connection: [3/8 inch] [5/8 inch] [1/2 inch] with Shallow, chrome-plated steel escutcheon. <Refer to SECTION 221116 - DOMESTIC WATER PIPING for connection type>.

##### Outlet Connection: [1/4 inch] [3/8 inch] [5/8 inch] compression [1/2-inch MIP].

### Heavy Duty, Quarter-Turn Straight Supply Stop: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [131-G04 Series with escutcheon]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Heavy Duty, Quarter-Turn Straight Supply Stop Description:

##### Standard: ASME A112.18.1/CSA B125.1. Comply with NSF/ANSI 61 Annex G, "Drinking Water System Components - Health Effects," for supply-fitting materials that will be in contact with potable water.

##### Maximum pressure: 125psi / 8.6 bar

##### Maximum temperature: 160°F / 71.1°C.

##### Finish: Chrome.

##### Operation: [5-inch extension with escutcheon] <Delete if not needed>.

##### Inlet Connection: [3/8 inch] [1/2 inch] with Shallow, chrome-plated steel escutcheon. <Refer to SECTION 221116 - DOMESTIC WATER PIPING for connection type>.

##### Outlet Connection: [1/4 inch] [3/8 inch] compression [1/2-inch MIP] [1/2-inch PEX F1807].

### Heavy Duty, 3-Way Quarter-Turn Angle Supply Stop: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [132-G04 Series with escutcheon]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Heavy Duty, 3-Way Quarter-Turn Angle Supply Stop Description:

##### Standard: ASME A112.18.1/CSA B125.1. Comply with NSF/ANSI 61 Annex G, "Drinking Water System Components - Health Effects," for supply-fitting materials that will be in contact with potable water.

##### Maximum pressure: 125psi / 8.6 bar

##### Maximum temperature: 160°F / 71.1°C.

##### Finish: Chrome.

##### Operation: [Loose Handle] [5-inch extension with escutcheon].

##### Inlet Connection: [3/8 inch] [5/8 inch] [1/2 inch] with Shallow, chrome-plated steel escutcheon. <Refer to SECTION 221116 - DOMESTIC WATER PIPING for connection type>.

##### Outlet Connection: [1/4 inch] [3/8 inch] [5/8 inch] compression [1/2-inch MIP].

##### 2nd Outlet Connection: [1/4 inch] [3/8 inch] compression.

### Multi-Turn Straight Supply Stop: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [133-G04 Series with escutcheon]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Multi-Turn Straight Supply Stop Description:

##### Standard: ASME A112.18.1/CSA B125.1. Comply with NSF/ANSI 61 Annex G, "Drinking Water System Components - Health Effects," for supply-fitting materials that will be in contact with potable water.

##### Maximum pressure: 125psi / 8.6 bar

##### Maximum temperature: 160°F / 71.1°C.

##### Finish: Chrome.

##### Operation: [5-inch extension with escutcheon] <Delete if not needed>.

##### Inlet Connection: [3/8 inch] [5/8 inch] [1/2 inch] with Shallow, chrome-plated steel escutcheon. <Refer to SECTION 221116 - DOMESTIC WATER PIPING for connection type>.

##### Outlet Connection: [1/4 inch] [3/8 inch] compression.

### Multi-Turn Angle Supply Stop: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [134-G04 Series with escutcheon]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Multi-Turn Angle Supply Stop Description:

##### Standard: ASME A112.18.1/CSA B125.1. Comply with NSF/ANSI 61 Annex G, "Drinking Water System Components - Health Effects," for supply-fitting materials that will be in contact with potable water.

##### Maximum pressure: 125psi / 8.6 bar

##### Maximum temperature: 160°F / 71.1°C.

##### Finish: Chrome.

##### Operation: [Loose Key] [5-inch extension with escutcheon].

##### Inlet Connection: [3/8 inch] [5/8 inch] [1/2 inch] with Shallow, chrome-plated steel escutcheon. <Refer to SECTION 221116 - DOMESTIC WATER PIPING for connection type>.

##### Outlet Connection: [1/4 inch] [3/8 inch] [1/2 inch] compression.

### 3 Way Multi-Turn Angle Supply Stop: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [134-G2C04 Series with escutcheon] [134-G2F04 Series with escutcheon]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### 3 Way Multi-Turn Angle Supply Stop Description:

##### Standard: ASME A112.18.1/CSA B125.1. Comply with NSF/ANSI 61 Annex G, "Drinking Water System Components - Health Effects," for supply-fitting materials that will be in contact with potable water.

##### Maximum pressure: 125psi / 8.6 bar

##### Maximum temperature: 160°F / 71.1°C.

##### Finish: Chrome.

##### Inlet Connection: 1/2-inch [FIP] [compression] with Shallow, chrome-plated steel escutcheon.

##### Outlet Connection: 3/8-inch compression.

##### 2nd Outlet Connection: 3/8-inch compression.

## RISER TUBES

### Riser Supply Tubes: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [283-S Series] [285-S Series]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Lavatory Riser Supply Tubes Description:

##### Standard: ASME A112.18.6.

##### Riser Material: [Chrome-plated, soft-copper flexible tube] [PEX].

##### Finish: Chrome-Plated.

##### Inlet and Outlet Connection: 3/8" O.D. tube with **[lav nose cone] [male compression] outlet.**

##### Riser Length**: 12-inch. <Specify Length>**

## Continuous Waste:

### Metal, Continuous Waste: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [240 Series]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Continuous Waste Description:

##### Standard: ASME A112.18.2.

##### Size: 1-1/2-inch slip joint with brass nut.

##### Material: Chrome plated, 17-gauge brass tube.

##### Outlet Type: [2 compartment end outlet] [2 compartment center outlet] [3 compartment center outlet] [3 compartment end outlet].

### Polymer, Continuous Waste: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [230 Series]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Continuous Waste Description:

##### Standard: ASTM F409-12.

##### Size: 1-1/2-inch slip joint with brass nut.

##### Material: Polypropylene tube.

##### Finish: White.

##### Outlet Type: [2 compartment end outlet] [2 compartment center outlet] [3 compartment center outlet] [3 compartment end outlet].

## Sink P-Trap: <Insert drawing designation>:

### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [240-04631C04 Series] [240-05631C04 Series] [240-05B631C04 Series]:

#### Substitutions: [Under provisions of Division 01.] [Not permitted.]

### Sink P-Trap Description:

#### Standard: ASME A112.18.2/CSA B125.2

#### Type: P-Trap with shallow escutcheon, cleanout & brass nuts.

#### Material: Chrome plated, 17-gauge

#### Size: 1-1/2 inch.

* + - * 1. Drain-Type, Trap Primer Device <Insert drawing designation if any>:

Retain "Manufacturers" Subparagraph and list of manufacturers below to require products from manufacturers listed or a comparable product from other manufacturers.

**Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing *[206-096 Series with 240-01639C04]:***

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

Drain-Type, Trap Primer Device Description:

Standard: ASSE 1044

P-Trap Type: Low inlet P-trap.

Size: Sink 1-1/2-inch Inlet X 1-1/2-inch Outlet.

Trap Arm: 1/2-inch.

Material: Chrome-Plated.

## Basket Strainers

### Basket Strainers: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [245-16451C04] [245-16471C04]

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Basket Strainers Description:

##### Standard: ASME A112.18.2-2015/CSA B125.2-15.

##### Size: 3-1/2" – 4-1/2" Flange diameter with 1-1/2-inch slip joint tailpiece & nut.

##### Finish: [Polished Stainless Steel] [Chrome].

### Cup Style, Basket Strainers: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [245-16471C04] [245-12732C04] [245-16441C04]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Cup Style, Basket Strainers Description:

##### Standard: ASME A112.18.2-2015/CSA B125.2-15.

##### Size: 3-1/2" – 4-1/2" Flange diameter with 1-1/2-inch slip joint tailpiece & nut.

##### Finish: [Polished Stainless Steel] [Chrome].

### Deep Cup, Basket Strainers: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [245-16453C04]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Deep Cup, Basket Strainers:

##### Standard: ASME A112.18.2-2015/CSA B125.2-15.

##### Size: 3-1/2" – 4-1/2" Flange diameter with 1-1/2-inch slip joint tailpiece & nut.

##### Finish: Polished 304 stainless steel.

### Bar Sink, Basket Strainers: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [245-56400C01 with 240-406304C]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Grid Strainer, Basket Strainers:

##### Standard: ASME A112.18.2-2015/CSA B125.2-15.

##### Size: 2-1/2" Flange diameter with 1-1/2-inch slip joint tailpiece & nut.

##### Finish: Polished Stainless Steel.

### Deep Cup Bar Sink, Basket Strainers: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [245-52100C04 with 240-406304C]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Grid Strainer, Basket Strainers:

##### Standard: ASME A112.18.2-2015/CSA B125.2-15.

##### Size: 2.876-inch Flange diameter with 1-1/2-inch slip joint tailpiece & nut.

##### Finish: Chrome Plated.

### Grid Strainer, Basket Strainers: <Insert drawing designation>:

#### Basis-of-Design Product: Subject to compliance with requirements, provide Sioux Chief Manufacturing [245-12530C04 with 240-406304C]:

##### Substitutions: [Under provisions of Division 01.] [Not permitted.]

#### Grid Strainer, Basket Strainers:

##### Standard: ASME A112.18.2-2015/CSA B125.2-15.

##### Size: 4-3/8" Flange diameter with 1-1/2-inch slip joint tailpiece & nut.

##### Finish: Stainless Steel Chrome Plated.

# EXECUTION

## EXAMINATION

### Examine roughing-in for water-supply piping and sanitary drainage and vent piping systems to verify actual locations of piping connections before sink installation.

### Examine walls, floors, and counters for suitable conditions where sinks will be installed.

### Proceed with installation only after unsatisfactory conditions have been corrected.

## INSTALLATION

### Install sinks level and plumb in accordance with rough-in drawings.

### Install supports, affixed to building substrate, for wall-hung sinks.

Indicate on Drawings those sinks that are required to be accessible.

### Install wall-mounted sinks at accessible mounting height in accordance with ICC A117.1.

### Set floor-mounted sinks in leveling bed of cement grout.

### Install water-supply piping with stop on each supply to each sink faucet.

#### Exception: Use ball or gate valves if supply stops are not specified with sink. Comply with valve requirements specified in Section 220523.12 "Ball Valves for Plumbing Piping" and Section 220523.15 "Gate Valves for Plumbing Piping."

#### Install stops in locations where they can be easily reached for operation.

### Install wall flanges or escutcheons at piping wall penetrations in exposed, finished locations. Use deep-pattern escutcheons if required to conceal protruding fittings. Comply with escutcheon requirements specified in Section 220518 "Escutcheons for Plumbing Piping."

### Seal joints between sinks and counters, floors, and walls using sanitary-type, one-part, mildew-resistant silicone sealant. Match sealant color to fixture color. Comply with sealant requirements specified in Section 079200 "Joint Sealants."

Indicate on Drawings those sinks that are required to be accessible.

### Install protective shielding pipe covers and enclosures on exposed supplies and waste piping of accessible sinks. Comply with requirements in Section 220719 "Plumbing Piping Insulation."

## PIPING CONNECTIONS

Coordinate piping installations and specialty arrangements with Drawings and with requirements specified in piping systems. If Drawings are explicit enough, these requirements may be reduced or omitted.

### Connect fixtures with water supplies, stops, and risers, and with traps, soil, waste, and vent piping. Use size fittings required to match fixtures.

### Comply with water piping requirements specified in Section 221116 "Domestic Water Piping."

### Comply with soil and waste piping requirements specified in Section 221316 "Sanitary Waste and Vent Piping."

## CLEANING AND PROTECTION

### After completing installation of sinks, inspect and repair damaged finishes.

### Clean sinks, faucets, and other fittings with manufacturers' recommended cleaning methods and materials.

### Provide protective covering for installed sinks and fittings.

### Do not allow use of sinks for temporary facilities unless approved in writing by Owner.

# END OF SECTION 224216.16 - COMMERCIAL SINKS