

## PART 1 - GENERAL

### 1.1 REFERENCES

- .1 ASTM International
- .1 American Iron and Steel Institute (AISI)
- .2 American Society for Testing and Materials International (ASTM)
  - .1 ASTM A 167-[99(2004)], Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.
  - .2 ASTM A 240/A 240M-[07e1], Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications.
  - .3 ASTM A 269-[04], Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service.
  - .4 ASTM A 480/A 480M-[06b], Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip.
  - .5 ASTM B 456-[03], Standard Specification for Electrodeposited Coatings of Copper Plus Nickel Plus Chromium and Nickel Plus Chromium.

### 1.2 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Provide submittals in accordance with Section 01330 - Submittal Procedures.
- .2 Product Data:
  - .1 Provide manufacturer's printed product literature and data sheets and include product characteristics, performance criteria, physical size, finish and limitations.

### 1.3 CLOSEOUT SUBMITTALS

- .1 Provide maintenance data for toilet and bath accessories for incorporation into manual specified in Section 01780 - Closeout Submittals.

### 1.4 MAINTENANCE MATERIAL SUBMITTALS

- .1 Tools:
  - .1 Provide special tools required for assembly, disassembly or removal for toilet and bath accessories in accordance with requirements specified in Section 01780 - Closeout Submittals.

.2 Deliver special tools to Departmental Representative.

1.5 DELIVERY,  
STORAGE AND  
HANDLING

- .1 Deliver, store and handle materials in accordance with Section 01610 - Basic Product Requirements.
- .2 Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
- .3 Storage and Handling Requirements: Store materials in dry location and in accordance with manufacturer's recommendations. Store and protect from nicks, scratches, and blemishes. Replace defective or damaged materials with new.
- .4 Packaging Waste Management: remove for reuse and return packaging materials in accordance with Section 01355 - Waste Management and Disposal.

PART 2 - PRODUCTS

2.1 MATERIAL

- .1 Stainless steel sheet: to ASTM A 240/A 240M, Type 304, thicknesses as follows:
  - .1 Exposed frames, uprights angles, reinforcements: 2.2mm.
  - .2 Table tops, counter tops, drainboards, pot sinks and sinks, coved corners, 1.5" radius
  - .3 18 gauge heavy duty
- .2 Stainless steel tubing: to ASTM A 269, commercial grade, seamless and welded. 40mm diameter
- .3 Hardware and fastenings: stainless steel.

2.2 COMPONENTS

- .1 Stainless steel sinks : dimension 18" x 18" , 13" deep, center drain 3.5" diameter, two bowls each total
- .2 Stainless steel drainage trays : 20.5 x 16.5
- .3 Overall Size: 24 x 72.5 x 36 work surface, 47"
- .4 Adjustable feet

2.3 FABRICATION

- .1 Exposed surfaces: stainless steel unless otherwise indicated.

- .2 Fabricate equipment from stainless steel, to sizes and configurations indicated.
- .3 Fabricate work square, true, straight, to suit installation conditions and as indicated.
  - .1 Design to maximum sanitary conditions in accordance with NSF requirements.
- .4 Fit and shop-assemble equipment ready for erection where possible.
- .5 Deburr, smooth and round off raw edges prior to forming.
- .6 Straight lengths: counter tops, drainboards.
  - .1 One continuous piece if 3.0 m or less in length.
  - .2 If over 3.0 m, sections to be welded .
- .7 Welding: sound, non-porous, and free from imperfections.
  - .1 Weld metal: colour matched and corrosion-resistant as parent metal.
  - .2 Spot welds: minimum 3.0 mm diameter with full penetration.
  - .3 Grind exposed welds smooth and polish to match parent metal.
  - .4 Grind other welds smooth.
  - .5 Welding and finishing is not to impair corrosion resistance of finished article.
  - .6 Welds, except spot welds: continuous unless otherwise indicated.

### PART 3 - EXECUTION

#### 3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with manufacturer's written recommendations, including product technical bulletins, handling, storage and installation instructions, and datasheets.

#### 3.2 INSTALLATION

- .1 Install and secure equipment plumb and level.
- .2 Allow for leveling with adjustable legs.
- .3 Secure equipment to the floor and wall

#### 3.3 ADJUSTING

- .1 After installation, fit and adjust operating hardware.

