ACO Polymer Products, Inc.
825 W Beechcraft St
Casa Grande, AZ 85122
Phone: (8888) 490-9552
Phone: (520) 421-9988
Fax: (520) 421-9899
E-mail: info@QuARTzbyACO.com
www.QuARTzbyACO.com

22 13 00 - FACILITY SANITARY SEWERAGE

22 40 00 - PLUMBING FIXTURES

(STAINLESS STEEL LINEAR SHOWER DRAINAGE SYSTEM)

PART 1 GENERAL

1.01 SUMMARY

A. Section Includes: Surface drainage, including stainless steel linear shower drains.

B. Related Sections: Section(s) related to this section include:

1. 03 30 00 - Cast in Place Concrete (creation of box out in the floor slab)
2. 05 53 00 - Metal Gratings
3. 06 10 00 - Rough Carpentry (preparation of wood flooring)
4. 09 30 00 - Tiling (integrating drain into tilework)
5. 10 28 00 - Toilet Bath & Laundry Accessories
6. 22 00 00 – Plumbing (connection to plumbing system)
7. 26 55 29 - Underwater Lighting

1.02 REFERENCES

A. Uniform Plumbing Code®:

1. Products comply with the applicable sections of the latest edition of the Uniform Plumbing Code® 2011.

B. American Society of Mechanical Engineers (ASME):

1. ASME A112.6.3-2001.

C. Canadian Standards Association:

1. CSA B79-08.

1.03 SYSTEM DESCRIPTION

A. Performance Requirements: Provide linear stainless steel shower drain system which has been manufactured and installed to maintain performance criteria stated by manufacturer without defects, damage or failure.

1.04 SUBMITTALS

A. General: Submit listed submittals in accordance with Conditions of the Contract and Division 01 Submittal Procedures Section.

B. Product Data: Submit product data and installation instructions including manufacturer's product sheet, for specified products.

C. Shop Drawings: Submit shop drawings showing layout, profiles and product components, including anchorage, accessories, finish colors, patterns and textures.

D. Quality Assurance Submittals: Submit the following:

1. Test Reports: Certified test reports showing compliance with specified performance characteristics and physical properties.
2. Certificates: Product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.

1.05 QUALITY ASSURANCE

A. Installer Qualifications: Installer experienced in performing work of this section who has specialized in installation of work similar to that required for this project.

1.06 DELIVERY, STORAGE & HANDLING

A. General: Comply with Division 01 Product Requirements Sections.

B. Ordering: Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.

C. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

D. Storage and Protection: Store materials protected from exposure to harmful weather conditions and at temperature and humidity conditions recommended by manufacturer.

1.07 PROJECT CONDITIONS

A. Field Measurements: Verify actual measurements/openings by field measurements before fabrication; show recorded measurements on shop drawings. Coordinate field measurements and fabrication schedule with construction progress to avoid construction delays.

1.08 WARRANTY

A. Project Warranty: Refer to Conditions of the Contract for project warranty provisions.

B. Manufacturer's Warranty:

1. Warranty Period: 12 months commencing on Date of Substantial Completion or 24 months from date of purchase, whichever is sooner.

PART 2 PRODUCTS

2.01 STAINLESS STEEL LINEAR SHOWER DRAIN SYSTEMS

A. Manufacturer: ACO Polymer Products, Inc.

1. Contact: 825 W Beechcraft St, Casa Grande, AZ 85122; Telephone: (888) 490-9552, (520) 421-9988; Fax: (520) 421-9899; E-mail: info@QuARTzbyACO.com; website: www. QuARTzbyACO.com.

B. Proprietary Products/Systems. Stainless Steel Linear Shower Channel Systems, including the following:

QuARTz by ACO Shower Channels:

a. Material: [Electropolished Stainless Steel Grade 304], [Stainless steel oil-rubbed bronze coated to ANSI/BHMA A156.18-2006 722 Dark oxidized oil-rubbed bronze with protective liquid coat].

b. Channels: 3.31 inches (84 mm) wide.

c. Length: [27.55 inches (700mm)], [31.50 inches (800mm)], [35.43 inches (900mm)], [39.37 inches (1000mm)], [47.24 inches (1200mm)], [55.12 inches (1400mm)]

d. Slope: Neutral.

e. Edge Detail: [Plain edge], [Flange edge].

f. Grates: [Wave], [Quadrato], [Flag], [Hawaii], [Mix], [Pixel], [Tile] ***Specifier Note:*** *Optional water activated LED lights are not compatible with Tile grate*.

g. Outlet: Central 2 inch (51mm) diameter spigot – 2.59inch (66mm) long.

h. Accessories: [CPE Membrane connector], [Cast Iron membrane connector], [Stainless steel coupling connector], [Debris strainer].

i. Optional water activated LED lights: [Red], [Green], [Blue], [Rainbow]

2.02 PRODUCT SUBSTITUTIONS

A. Substitutions: No substitutions permitted.

PART 3 EXECUTION

3.01 MANUFACTURER'S INSTRUCTIONS

A. Comply with manufacturer's product data, including product technical bulletins, product catalog, installation instructions and installation section drawings.

3.02 INSTALLATION

A. Stainless Steel Linear Shower Drain System Installation: Refer to relevant installation section drawing for membrane recommendations.

3.03 CLEANING

A. Cleaning: Standard household cleaners or soap is all that is required. A soft cloth can be used to dry and buff the surface

3.04 PROTECTION

A. Protection: Protect installed product and grate surfaces from damage and scratches during subsequent tiling and construction.

END OF SECTION