

SECTION 32 3700
EXTERIOR SITE FURNISHINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Bench
 - 2. Metal Grating
- B. Related Sections include the following:
 - 1. Section 03 3001 - Cast In Place Concrete for Landscape Applications
 - 2. Section 32 1401 - Unit Paving for Landscape Applications

1.3 SUBMITTALS

- A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, finishes, field-assembly requirements, and installation details.
- B. Shop drawings: The contractor shall submit for approval shop drawings for the fabrication and erection of all water runnel gratings based on construction drawings of current issue. Include plans, elevations, and details of sections and connections as required. Show type and location of all fasteners.
- C. Samples of Grating and Anchorage system shall be submitted for approval.
- D. Mockups: Contractor to perform an onsite mockup of the full scale water runnel grating at the designated location per plan or an immediately adjacent location to confirm performance prior to final installation. Mockup to replicate applicable details per the design details. Contractor to provide ample time for review and modification of all components considering all related work in order to prevent any delays in the construction schedule.

PART 2 - PRODUCTS

2.1 MATERIALS AND COMPONENTS

- A. Bench:
 - 1. Custom bench of cut stone set in galvanized steel T-Section frame to match existing Bricktown canal benches.
 - 2. Submit shop drawings for approval by Landscape Architect.
- B. Metal Grating
 - 1. Swaged stainless steel 316 ADA complaint metal bar grating. 3/16 inch bearing bars at 7/16 inch O.C. Stainless steel plate vertical side edge per plan. Refer to structural for bearing bar depth. Slip resistant surface. Cross bar spacing: 4" O.C.
 - 2. Hardware: Stainless steel 316 iron angle and bolts per drawing.
 - 3. Contractor to ensure grating meets 100 PSF uniform load or 250 LB concentrated load at mid-span. Provide structural review and testing confirms grating assembly meets requirement.
 - 4. Submit shop drawings based upon field measurements for approval by Landscape Architect.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas of work, and verify that conditions are satisfactory prior to start of installation. Make corrections and proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install furnishings after landscaping and paving have been completed, unless otherwise indicated. Install all furnishings according to manufacturer's written installation instructions, unless more stringent requirements are indicated.
- B. Install furnishings to be level, plumb, true, and securely anchored and positioned at location indicated on Drawings.

3.3 CLEANING AND PROTECTION

- A. Clean and remove spots, dirt, and debris. Repair damaged finishes to match original finish or replace component.
- B. Protect installed work from damage for the duration of construction.

END OF SECTION