



# Splash Park Sculptures/ Water Features

## CSI Section 11 6840

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes: including required fittings, hardware and accessories.
- B. Furnish and install supplementary attachment and accessories as shown in drawings for a complete and secure installation. Pumps and plumbing are not part of this section.

#### 1.2 REFERENCES

- A. Americans with Disabilities (ADA) Standards for Accessible Design.
- B. ASTM F1487-11 - Standard Consumer Safety Performance Specification for Playground Equipment for Public Use.

#### 1.3 SUBMITTALS

- A. Product Data: Submit product data, specifications and manufacturer's installation instructions.
- B. Shop Drawings: Submit shop drawings for Architect's review and approval prior to fabrication. Shop drawings should include pertinent details for installation, layout plan, attachments, supports and adaption of system to specific project.
- C. Samples: Submit a minimum of one 4" by 4" sample of the material selected.
- D. Test Data: Submit a summary of testing conducted verifying performance characteristics.

#### 1.4 QUALITY ASSURANCE

- A. Source: Provide water feature as identified in the plans as produced by The 4 Kids Inc. Substitutions are not permitted.





# Splash Park Sculptures/ Water Features

## CSI Section 11 6840

### 1.5 FIELD MEASUREMENTS

- A. Installer shall verify that field measurements are as indicated on shop drawings. Advise of any changes before fabrication and indicate measurements on Shop Drawings.
- B. Coordination: Coordinate location of piping, anchors and surfacing.

### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials and product in unopened factory labeled packaging.
- B. Store products in manufacturer's unopened packaging, protected from damage until ready for installation.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: The 4 Kids Inc., 4400 Oneal, Greenville, TX 75404. ASD. Tel: (903)454-9237. Fax: (903) 454-3642. Email: info@the4kids.com.
- B. Substitutions: Not permitted.

### 2.2 MATERIALS AND PRODUCTS

- A. Products to be as indicated in drawings.
- B. The finish shall match the sample.
- C. All play sculptures and water features shall have the following properties.
  - 1. Construction: The feature shall be manufactured from molded fiberglass, GFRC, stainless steel and other materials resistant to pool chemicals. Armature shall be stainless steel or bronze.
  - 2. Finish shall be resistant to UV sunlight and chlorinated water and suitable for installation in spray parks, water parks and swimming facilities.





# Splash Park Sculptures/ Water Features

## CSI Section 11 6840

3. Cast-in anchoring plates shall be 304 stainless steel.
4. Piping, and or tubing, shall be corrosion resistant.
5. Fasteners and anchors shall be bronze or type 304 stainless.
6. Colors: shall be as available from manufacturer's color chart or special colors upon request.
7. Colors shall be ultraviolet stabalized to inhibit fading.

### 2.3 PERFORMANCE REQUIREMENTS

A. The aquatic play sculpture/ water features performance shall meet or exceed the following properties.

1. Flame Spread ASTM E-84: 0 Maximum smoke development: 5.  
Maximum fuel contribution: 0

## PART 3 EXECUTION

### 3.1 PREPARATION

- A. Verify that site conditions are ready to receive work and dimensions are as indicated on shop drawings.
- B. Verify correct spacing of plumbing fixtures.

### 3.2 INSTALLATION

- A. Installation Manual and supplementary instructions shall be supplied by manufacturer.
- B. Install in accordance with applicable code and manufacturer's recommendations, secure and plumb.
- C. Attach with type 304 stainless steel bolts.
- D. All sculptures shall be installed in proper location and in accordance with the approved Shop Drawings.

### 3.3 ADJUSTMENT

- A. Adjust water flow as required.





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## CSI Section 11 6840

### 3.4 CLEANING

A. If sculpture is solid during installation, clean all dirt and marks from sculpture using water and detergent and as per manufacturer's recommendations.

END OF SECTION

