

## **1. GENERAL**

### **1.1 GENERAL REQUIREMENTS**

- 1.1.1 The work described in this Section shall include furnishing all equipment, labour, materials and services to supply and install landscape surfaces, as shown on the drawings and specified herein.
- 1.1.2 Landscape surfaces include:
- 1.1.2.1 Washed concrete sand for sandbox;
- 1.1.2.2 Rubberized Play Surfacing.
- 1.1.2.3 Shredded Cedar Mulch
- 1.1.3 The conditions of the Contract Division 1 apply to this section in full, as if repeated herein.
- 1.1.4 All depths of materials indicated on the drawings and in these specifications refer to minimum required depth of materials, after compacting.

### **1.2 REFERENCES**

- 1.2.1 ASTM 1292 – Standard Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment.
- 1.2.2 ASTM F2373 – Standard Consumer Safety Performance Specification for Public Use Play Equipment for Children 6 Months through 23 Months.
- 1.2.3 CSA Z614-14 – Children's Playspaces and Equipment.

### **1.3 SUBMITTALS**

- 1.3.1 Submit colour samples of rubberized play surfacing for review and approval by Consultant.

### **1.4 DELIVERY, STORAGE AND HANDLING**

- 1.4.1 Deliver, store and handle materials in accordance with manufacturer's written instructions.
- 1.4.2 Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
- 1.4.3 Storage and Handling Requirements:
- 1.4.4 Store materials in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
- 1.4.4.1 Store and protect landscape surfaces materials from cross contamination, humidity, extreme temperatures in accordance with manufacturer's written instructions.
- 1.4.4.2 Replace defective or damaged materials with new.

### **1.5 PAYMENT**

- 1.5.1 Payment for the items specified herein will be lump sum at the bid price, unless otherwise noted. Payment will be full compensation for all labour, material and equipment to complete the work, including the supply and installation of concrete works, for mounting of site furnishings.

## **2. PRODUCTS**

### **2.1 MATERIALS**

#### **2.1.1 SAND FOR SANDBOX:**

- 2.1.1.1 This item includes the supply, delivery, and installation of CSA Compliant Washed Concrete Playground Sand.
- 2.1.1.2 Sand for sand play areas shall be a washed, graded, concrete sand product with a designated mixture of coarse sand, medium sand and fine sand intended for use as a sand play area sand, and not as a safety fall surface.
- 2.1.1.3 Granular materials shall be supplied as per Specification Section 024113 - Excavation, Backfill and Site Grading.

#### **2.1.2 RUBBERIZED PLAYGROUND SAFETY SURFACING:**

- 2.1.2.1 CSA Compliant Playground Safety Surfacing shall be "In Situ" poured-in-place recycled rubber playground surfacing; colours shall be as noted in the drawings as manufactured and installed by Everplay International Inc, contact Henry Helps, Tel. 647-212-0707 or email to henry@everplay.com, or from approved equal.
- 2.1.2.2 This item includes the supply, delivery, and installation of CSA Compliant Playground Safety Surfacing, Terrafix 270R Filter Cloth and Granular A base material.

#### **2.1.3 SHREDDED CEDAR MULCH:**

- 2.1.3.1 Shredded Cedar Mulch shall be "Fibre Weave" as supplied by Go-Bark (Ontario) Ltd., 816 Mayfield Rd Caledon, ON L7C 0Y6  
phone (905) 846-1515 fax (905) 846-6735 email: neil@gro-bark.com
- 2.1.3.2 Contractor shall submit samples of proposed mulch surfacing product to consultant for verification prior to delivery to the site.
- 2.1.3.3 No sub-drainage, gravel base, or filter cloth is required

## **3. EXECUTION**

### **3.1 INSTALLATION**

#### **3.1.1 SAND FOR SAND PLAY AREAS:**

- 3.1.1.1 Excavate area to specified settled depth of surfacing, with a minimum 1% downward grade to ensure proper drainage. All roots, stones, and vegetation must be removed.
- 3.1.1.2 The area should be well compacted and accurately graded, especially in areas where additional fill has been brought in.
- 3.1.1.3 Hand rake for a perfectly smooth, finished surface.

#### **3.1.2 RUBBERIZED PLAYGROUND SAFETY SURFACING:**

- 3.1.2.1 Install rubberized surfacing directly on granular A base as per Everplay requirements.

#### **3.1.3 SHREDDED MULCH - INSTALLATION:**

- 3.1.3.1 The Contractor shall strip any sod or invasive weeds in the area to receive the mulch surfacing and dispose of it off-site.
- 3.1.3.2 The Contractor shall install any edging or other furnishings to be installed within the mulch surfacing area prior to delivering the surfacing materials.
- 3.1.3.3 The surfacing materials shall be spread evenly. Care shall be taken that equipment is not driven over the installed surfacing materials.

## **3.2 CLEANING**

3.2.1 Progress Cleaning: clean in accordance with Section 01 00 05 – General Requirements.

3.2.1.1 Leave Work area clean at end of each day.

3.2.2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 00 05 - General Requirements.

## **3.3 TOUCH-UP**

3.3.1 Touch up and repair any damaged materials or finishes in accordance with manufacturers printed instructions or to the Owner's satisfaction.

## **END OF SECTION**