

# **RESTAURANT UTILITIES PROJECT**

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TULALIP, WASHINGTON

## **SECTION 31 25 00 – EROSION AND SEDIMENTATION CONTROL**

### **PART 1 GENERAL**

#### **1.01 SECTION INCLUDES**

- A. Installation of temporary and permanent erosion control systems.
- B. Installation of temporary and permanent slope protection systems.

#### **1.02 ENVIRONMENTAL REQUIREMENTS**

- A. Protect adjacent properties and water resources from erosion and sediment damage throughout life of contract.
- B. Contractor responsible for maintaining all site best management practices and conducting all inspections and administrative requirements through the conclusion of all work identified within the plans.

#### **1.03 RELATED SECTIONS**

- A. Section 31 12 00 – SITE CLEARING
- B. Section 31 20 00 – EARTHWORK
- C. Construction Drawings

#### **1.04 REFERENCE STANDARDS**

- A. Technical specifications, design detail, construction detail and materials for all newly constructed roadway, storm drainage and utility improvements, and modifications to existing roadway, storm drainage and utility improvements, shall conform to the following reference documents:
  - 1. Water Distribution Design and construction Standards and Specifications, City of Marysville, November 1998, Revised May 2007.
  - 2. Standard Specifications for Road, Bridge and Municipal Construction, WSDOT/APWA, latest edition.
  - 3. Standard Plans for Road and Bridge Construction, WSDOT/APWA, latest edition.
- B. Where conflicts between Standards and specifications occur, the more stringent shall apply.

### **PART 2 PRODUCTS**

#### **2.01 SILT FENCE**

- A. Fencing for siltation control as specified on Construction Drawings.

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- B. Fence stakes shall be minimum of 5 feet in length and be either metal stakes or 2-inch x 2-inch stakes driven 1'-6" into ground.

#### 2.02 GROUND COVER & STABILIZATION

- A. Quick growing grasses such as wheat, rye, or oats in accordance with the Landscaping Plans.
- B. Curlex blankets by American Excelsior Company or approved equal.
- C. Temporary mulches such as loose hay, straw, netting, wood cellulose, or agricultural silage.

#### 2.03 STRAW CHECK DAMS

- A. Hay or straw bales as specified on Construction Drawings.
- B. Bale stakes for each bale shall be minimum of 4 feet in length and shall be either two #2 rebars, two steel pickets, or two 2-inch x 2-inch hardwood stakes driven 1'-6" into ground.

### PART 3 EXECUTION

#### 3.01 PREPARATION

- A. Review Construction Drawings and Storm Water Pollution Prevention Plan Requirements.
- B. Conduct pre-construction meeting with Site Contractor.

#### 3.02 EROSION CONTROL AND SLOPE PROTECTION IMPLEMENTATION

- A. Place erosion control systems in accordance with Construction Drawings and Storm Water Pollution Prevention Plan or as may be dictated by site conditions in order to maintain the intent of the specifications and permits at no additional cost to Owner.
- B. Deficiencies or changes on Construction Drawings or Storm Water Pollution Prevention Plan shall be implemented as site conditions change.
- C. Owner has authority to limit surface area of erodible earth material exposed by clearing and grubbing, excavation, borrow and embankment operations and to direct Contractor to provide immediate permanent or temporary pollution control measures.
- D. Maintain temporary erosion control systems as directed by Owner or governing authorities to control siltation during life of contract. Contractor shall respond to maintenance or additional work ordered by Owner or governing authorities within 48 hours or sooner if required at no additional cost to the Owner.

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- E. Contractor will be required to incorporate permanent erosion control features into projects at earliest practical time to minimize need for temporary controls.
- F. Permanently seed and mulch cut slopes as excavation proceeds to extent considered desirable and practical.
- G. Slopes that erode easily or that will not be graded for a period of 14 days or more shall be temporarily seeded as work progresses with wheat, rye, or oats application in accordance with Specification Section 32 92 23 – SODDING unless otherwise specified on the Construction Drawings.

**END OF SECTION 31 25 00**