

RESTAURANT UTILITIES PROJECT

TULALIP, WASHINGTON

SECTION 31 12 00 – SITE CLEARING

PART 1 – GENERAL

1.01 SUMMARY

- A. This Section includes the following:
 - 1. Protecting existing trees, shrubs, groundcovers, plants, and grass to remain.
 - 2. Removal of existing trees, shrubs, groundcovers, plants and grass located within the Limits of Removal.
 - 3. Removal of existing above grade site improvements.
 - 4. Removal of existing below grade site improvements.
 - 5. Disconnecting and capping or sealing site utilities.
 - 6. Temporary erosion and sedimentation control measures.

1.02 RELATED SECTIONS

- A. Division 1 Specification Sections.
- B. Specification Section 31 20 00 – EARTHWORK
- C. Specification Section 31 23 19 – DEWATERING
- D. Specification Section 31 25 00 – EROSION AND SEDIMENT CONTROL
- E. Specification Section 32 12 00 – FLEXIBLE PAVING
- F. Specification Section 32 16 13 – CURBS AND SIDEWALKS
- G. Specification Section 32 92 23 – SODDING
- H. Specification Section 33 11 00 – WATER UTILITY DISTRIBUTION PIPING
- I. Specification Section 33 30 00 – SANITARY SEWERAGE UTILITIES

1.03 MATERIAL OWNERSHIP

- A. Except for the materials indicated to remain Owner's Property, cleared materials shall become Contractor's property and shall be removed from Project site.
- B. Material to remain Owner's Property:
 - 1. Site Light Poles and bases removed during site demolition.

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2. Plant material to be removed and replaced in completion of the Work.

1.04 ENVIRONMENTAL REQUIREMENTS

- A. Construct temporary erosion control systems as shown on Construction Drawings or as directed by the "Storm Water Pollution Prevention Plan" (SWPPP) to protect adjacent properties and water resources from erosion and sedimentation.

1.05 PROJECT CONDITIONS

- A. Existing Conditions at time of inspection for bidding purposes will be maintained by Owner in so far as practical.
- B. Variations to conditions or discrepancy in actual conditions as they apply to site preparation operations are to be brought to attention of Owner prior to 72 hours before the Bid Proposal Deadline.
- C. Salvable Improvements: Carefully remove items indicated to be salvaged and store on Owner's premises where indicated.
- D. Utility Locator Service: Contact the following 48 hours before digging:
 1. Dial-A-Dig;
 - a. Dial-A-Dig does not perform a complete utility locate. Tulalip Tribes do not subscribe to Dial-A-Dig.
 2. Quil Ceda Village Utilities; and
 3. Tulalip Data Services.
- E. Traffic: Minimize interference with adjoining roads, streets, walks, and other adjacent occupied or used facilities.
 1. Do not close or obstruct streets, walks, or other adjacent occupied or used facilities without permission from Owner and authorities having jurisdiction.
 2. Provide alternate routes around closed or obstructed traffic ways.
- F. Do not commence site clearing operations until temporary erosion and sedimentation control measures are in place.

PART 2 – PRODUCTS

2.01 EQUIPMENT

- A. Where demolition and removal of existing site improvements is required, Contractor shall employ the use of cutting equipment designed for the intended use so to create neat line cuts in all remaining existing site improvements.

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2.02 SOIL MATERIALS

- A. Satisfactory Soil Materials: Requirements for satisfactory soil materials are specified in Specification Section 31 20 00 – EARTHWORK.
 - 1. Obtain approved borrow soil materials off-site when satisfactory soil materials are not available on-site.

PART 3 – EXECUTION

3.01 PREPARATION

- A. Protect and maintain benchmarks, property corners, survey monuments, and other survey control points from disturbance during construction.
 - 1. If marker needs to be removed it shall be referenced by a licensed land surveyor and replaced, as necessary, in kind.
- B. Locate and clearly flag trees and vegetation to remain or to be relocated.
- C. Protect existing site improvements to remain from damage during construction.
 - 1. Restore damaged improvements to their original condition as acceptable to Owner.

3.02 TEMPORARY EROSION AND SEDIMENTATION CONTROL

- A. Provide temporary erosion and sedimentation control measures to prevent soil erosion and discharge of soil-bearing water runoff or airborne dust to adjacent properties and walkways according to sediment an erosion control Drawing, SWPP Plan, or authorities having jurisdiction, whichever is most stringent.
- B. Inspect, repair, and maintain erosion and sedimentation control measures during construction until permanent vegetation has been established.
- C. Remove erosion and sedimentation controls and restore and stabilize areas disturbed during removal.

3.03 PROTECTION

- A. Conduct operations with minimum interference to public or private accesses and facilities. Maintain ingress and egress at all times and clean or sweep roadways daily as required by SWPPP or governing authority. Dust control shall be provided with sprinkling systems or equipment provided by Contractor.
- B. Provide traffic control as required, in accordance with the US Department of Transportation's "Manual on Uniform Traffic Control Devices" and applicable state highway department requirements.
- C. Utility Protection:

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1. Locate and identify existing utilities and other below grade improvements that are to remain and protect these from damage.
 2. Locate, identify, disconnect and seal or cap off utilities and other below grade improvements indicated to be removed.
 - a. Arrange with utility companies to shut off indicated utilities.
 - b. Arrange with Owner to shut off indicated below grade improvements
 3. Existing Utilities: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after arranging to provide temporary utility services according to requirements indicated:
 - a. Notify Owner not less than 10 days in advance of proposed utility interruptions.
 - b. Do not proceed with utility interruptions without Owner's written permission.
- D. Tree Protection:
1. Protect trees, plant growth, and features designated to remain as part of final landscaping.
 2. Erect and maintain temporary fencing around tree protection zone before starting site clearing. Remove fence when construction is complete.
 3. Do not disturb soil within drip line of trees.
 4. Replace trees and vegetation indicated to remain that are damaged by construction operations, in kind.
- 3.04 TOPSOIL STRIPPING
- A. Remove sod and grass before stripping topsoil.
 - B. Strip topsoil to whatever depths are encountered in a manner to prevent intermingling with underlying subsoil or other waste materials.
- 3.05 SITE IMPROVEMENTS
- A. Remove existing above and below grade improvements as indicated and as necessary to facilitate completion of Work.
 1. Existing Improvements include, but are not limited to, the following:
 - a. Asphalt Pavement

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- b. Concrete Pavement
 - c. Concrete Curbing
 - d. Landscape Plants
 - e. Irrigation System
 - f. Site Electrical Work
- B. Coordinate removal of Irrigation System and Site Electrical Work with Owner's Representative to ensure system are shut off prior to demolition.
- C. Contractor shall cut and cap the Irrigation main lines at the perimeter of Area 4 as indicated on Plan Sheet C1.1 – EXISTING CONDITIONS & DEMO.
- 1. Contractor to test irrigation main lines to verify capped locations are free of leaks.
 - 2. Contractor to verify that adjacent irrigation zones maintain functionality with removal of main line located in Area 4.
- D. Where existing site light poles and bases are to be removed, Contractor shall remove all associated conduit and cable to the perimeter of Area 4 as indicated on Plan Sheet C1.1 – EXISTING CONDITIONS & DEMO.
- 1. Contractor shall reroute conduit and cable to maintain operation of the site lighting circuits in a manner consistent with the requirements of the National Electric Code.
- E. Contractor shall restore all existing site improvements in all Work areas with the exception of Area 4 as indicated on Plan Sheet C1.1 – EXISTING CONDITIONS & DEMO.
- F. Fill depressions caused by site work operations with satisfactory soil material.
- 1. Place fill material in accordance with requirements of Specification Section 31 20 00 – EARTHWORK.

3.06 DISPOSAL

- A. Disposal: Remove surplus soil material, unsuitable topsoil, obstructions, demolished materials, and waste materials including trash and debris, and legally dispose of them off Owner's property.

END OF SECTION 31 12 00