

## SECTION 02100 – SITE PREPARATION

### 1. GENERAL

#### 1.1 RELATED DOCUMENTS

- A. General Conditions and Supplementary Conditions apply to this Section.

#### 1.2 SECTION INCLUDED

- A. Site preparation work as specified and shown on drawings, including, but not necessarily limited to, the following:
1. Identify and protect all vegetation designated to remain.
  2. Provide erosion and sediment control.
  3. Locate, identify, remove or relocate, all utility services.
  4. Clearing and grubbing.
  5. Removal of designated site improvements such as pavings, curbs, and fences.
  6. Backfilling and grading.
- B. The Owner will obtain and pay for permits required for execution of this work.

#### 1.3 RELATED SECTIONS

- A. Section 02200 - Earthwork.

#### 1.4 QUALITY ASSURANCE

- A. Regulatory Requirements: Comply with applicable requirements of federal, state, and local laws, regulations and codes and state Department of the Environment.

#### 1.5 ENVIRONMENTAL REQUIREMENTS

- A. Inspection:
1. Examine areas for conditions under which work is to be performed. Report in writing to Architect and Owner all conditions found to be contrary to those shown on the drawings or specified herein and all other conditions that will affect satisfactory execution of work. Do not proceed with work until authorized by Architect.
  2. Starting work constitutes acceptance of the conditions under which work is to be performed and this contractor shall, at his expense, be responsible for correcting all unsatisfactory and defective work encountered.
- B. Nuisances: Keep dirt, dust, noise and other nuisances within legal limits. Use temporary enclosures, coverings and sprinkling, or combinations thereof, to comply with these requirements.
- C. Traffic: Conduct work to ensure minimum interference with vehicular and pedestrian traffic; access to and operations of site and adjacent property.
1. Do not close or obstruct streets, sidewalks, alleys or other public passageways without permission from authorities having jurisdiction.
  2. If required by governing authorities, provide alternate routes around closed or obstructed traffic ways.
- D. Benchmarks, Monuments and Other Reference Points: Protect from damage and displacement; if disturbed or destroyed, Contractor to replace at no cost to Owner.

## 2. PRODUCTS

Not Used

## 3. EXECUTION

### 3.1 TREE PROTECTION

- A. Provide tree protection in areas disturbed by site preparation work and indicated on drawings. Comply with requirements specified in Section 02200.

### 3.2 EROSION CONTROL

- A. Provide and maintain erosion control methods required for and during the course of this work in accordance with local and state codes or regulations governing the work. Comply with requirements specified in Section 02200.

### 3.3 UTILITIES

- A. Contact local utility company three working days minimum prior to start of work. Confirm verbal notices. Verify locations of all utilities by contacting Miss Utility, 1-800-257-7777.
- B. Cooperate with Owner's Representative, utility companies, adjacent property owners, and other building trades in maintaining, protecting, rerouting or extending active utilities.
- C. Verify utilities that are to be removed, capped or abandoned are turned off, disconnected, or rerouted before starting work.
- D. Identify electric utility poles, wires and guys, including all underground wires and conduits occurring within disturbed areas.

### 3.4 CLEARING AND GRUBBING

- A. Remove trees, shrubs, bushes, vines, undergrowth and deadwood from disturbed areas except as otherwise designated on the drawings to remain. Remove all stumps, in their entirety. Roots over 1-1/2" in diameter and matted roots shall be removed to a minimum depth of 18" below final grade.

### 3.5 REMOVAL

- A. Remove the following from locations to extent shown on drawings:
  - 1. Asphalt and concrete paving and curbs. Saw cut to neat line, as required to separate from existing shown to remain.

### 3.6 BACKFILL

- A. Backfill and compact areas excavated and open pits and holes resulting from demolition operations. Comply with requirements specified in Section 02200 for backfill materials, compaction, and installation methods.

### 3.7 GRADING

- A. Rough grade site, within work area, to meet adjacent contours and to provide positive drainage. Leave site in clean condition acceptable for performance of subsequent construction operations. Comply with requirements specified in Section 02200.

### 3.8 CLEAN-UP AND DISPOSAL

- A. Regularly transport trash, rubbish and debris from site and legally dispose of them.

1. Remove and immediately dispose of contaminated, vermin infested, or dangerous materials.
2. Do not burn or bury materials on site, unless otherwise approved by Owner Representative and local authorities having jurisdiction.
3. Remove tools and equipment when work is complete.
4. Remove protection when authorized by local authorities or Owner Representative.

END OF SECTION 02100