

SECTION 02230 - SITE CLEARING

PART 1 - GENERAL

1.01 SUMMARY

A. Contractor shall:

1. Remove existing trees, shrubs, groundcovers, plants, and grass.
2. Clear and grub as required for a complete installation.
3. Strip and stockpile topsoil.
4. Remove existing asphalt concrete pavement as shown on plans.
5. Remove existing concrete as shown on plans.
6. Provide temporary erosion and sedimentation control measures.

1.02 RELATED SECTIONS AND DOCUMENTS

1. Section 02300 – Earthwork

1.03 DEFINITIONS

- A. Topsoil: Natural or cultivated surface-soil layer containing organic matter and sand, silt, and clay particles; friable, pervious, and black or a darker shade of brown, gray, or red than underlying subsoil; reasonably free of subsoil, clay lumps, gravel, and other objects more than 2 inches in diameter; and free of subsoil and weeds, roots, toxic materials, or other nonsoil materials.

1.04 MATERIAL OWNERSHIP

- A. Cleared materials shall become Contractor's property and shall be removed from Project site.

1.05 PROJECT CONDITIONS

- A. Traffic: Minimize interference with adjoining roads, streets, walks, and other adjacent occupied or used facilities during site-clearing operations.
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 if required by

authorities having jurisdiction.

- B. Do not commence site clearing operations until temporary erosion and sedimentation control measures are in place per erosion control plan.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION

3.01 PREPARATION

- A. Protect and maintain benchmarks and survey control points from disturbance during construction.

3.02 TEMPORARY EROSION AND SEDIMENTATION CONTROL

- A. Inspect, repair, and maintain erosion and sedimentation control measures during construction until permanent vegetation has been established.
- B. At project completion remove erosion and sedimentation controls and restore and stabilize areas disturbed during removal.

3.03 CLEARING AND GRUBBING

- A. Remove obstructions, trees, shrubs, grass, and other vegetation to permit installation of new construction.
 - 1. Cut minor roots and branches of trees indicated to remain in a clean and careful manner where such roots and branches obstruct installation of new construction.
 - 2. Grind stumps and remove roots, obstructions, and debris extending to a depth of 18 inches below exposed subgrade.
 - 3. Use only hand methods for grubbing within tree protection zone.
 - 4. Dispose of removed tree branches off-site.
- B. Fill depressions caused by clearing and grubbing operations with satisfactory soil material unless further excavation or earthwork is indicated.
 - 1. Depressions shall be cleaned of all loose or disturbed materials and dish-shaped (with sideslope at 3(h):1(v) or flatter) to permit access for compaction equipment. Place fill material in horizontal layers not exceeding a loose depth of 8 inches, and compact each layer to a density equal to adjacent original ground.

Photovoltaic Panel Structure
and Parking Lot Addition
Shasta Community Health Center
Redding, CA

3.04 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 02230