

DIVISION 2 – SITE WORK

SECTION 02100

SITE PREPARATION

PART 1 GENERAL

1.01 SECTION INCLUDES:

- A. Cleaning site of debris, grass, trees and other plant life in preparation for site excavation work.
- B. Protection of existing structures, trees or vegetation indicated on the contract documents to remain.
- C. Stripping topsoil from areas that are to be incorporated into the limits of the project and where so indicated on the construction drawings.

1.02 RELATED SECTIONS

- A. Section 02200 - Earthwork
- B. Section 02270 - Slope Protection and Erosion Control
- C. Construction Drawings

1.03 ENVIRONMENTAL REQUIREMENTS

- A. Construct temporary erosion control systems as directed by the engineer to protect adjacent properties and water resources from erosion and sedimentation.
- B. In the event that site work on this project will disturb five (5) or more acres, the contractor shall NOT begin construction without a "National Pollution Discharge Elimination System" (NPDES) or LaDEQ permit governing the discharge of storm water from the construction site for the entire construction period. The permit requires a "Storm Water Pollution Prevention Plan" (SWP³) to be in place during construction that includes monitoring of storm water flows during construction.

The contractor shall be totally responsible for conducting the storm water management practices in accordance with the NPDES or LaDEQ permit and for any enforcement action taken or imposed by Federal or State agencies, including the cost of fines, construction delays and remedial actions resulting from the contractor's failure to comply with all provisions of the NPDES permit.

1.04 JOB CONDITIONS

- A. Conditions existing 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 the attention of the owner prior to the commencement of any site work.

PART 2 PRODUCTS Not Used

Joe Webb Memorial Branch Library
Haynesville, Louisiana
Coco & Company
Project # 0524
8.8.25

02100-1

PART 3 EXECUTION

3.01 PREPARATION

Verify that existing plant life and clearing limits are clearly tagged, identified and marked in such a manner as to insure their safety throughout construction operations.

3.02 PROTECTION

- A. Locate and identify existing utilities that are to remain and protect them from damage.
- B. Protect trees, plant growth and features designated to remain.
- C. Conduct operations with minimum interference to public or private accesses and facilities. Maintain access and egress at all times and clean or sweep any roadways daily or as required by the governing authority. At such times as deemed necessary by the owner, dust control shall be provided with sprinkling systems or equipment provided by the contractor.
- D. Protect benchmarks, property corners and all other survey monuments from damage or displacement. If a marker needs to be removed it shall be referenced by a licensed land surveyor and replaced, as necessary, by the same.

3.03 CLEARING

- A. Clear areas required for access to site and execution of work.
- B. Unless otherwise indicated on the drawings, remove trees, shrubs, grass, other vegetation, improvements, concrete slabs, foundations, paving and sidewalks or obstructions interfering with installation of new construction. Removal includes digging out stumps and roots. Depressions caused by clearing and grubbing operations are to be filled to subgrade elevation to avoid water ponding. Satisfactory fill material shall be placed in horizontal layers not exceeding 8" loose depth, and thoroughly compacted per fill requirements of this section and Section 02200.
- C. Remove grass, trees, plant life, stumps and all other construction debris from the site to a dumpsite that is suitable for such material according to state laws and regulations.

3.04 TOPSOIL EXCAVATION

- A. Strip topsoil from areas that are to be filled, excavated or re-graded to such a depth that it prevents intermingling with underlying subsoil or questionable material.
- B. Cut heavy growths of grass from areas before stripping and remove with the rest of the cleared vegetative material.
- C. Topsoil shall consist of organic surficial soil found in depth of not less than 4". Satisfactory topsoil is reasonably free of subsoil, clay lumps, stones and other objects over 2" in diameter, weeds, roots, and other objectionable material.
- D. Stockpile topsoil in storage piles in areas where directed. Construct storage piles to freely drain surface water. Dispose of unsuitable topsoil as specified for waste material, unless otherwise specified by owner.

END OF SECTION 02100