

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
1. Protection of existing trees indicated to remain.
 2. Removal of trees and other vegetation.
 3. Clearing and grubbing.
 4. Removing above-grade improvements.
 5. Removing below-grade improvements.
 6. Storm Water Pollution Prevention Plan.

1.2 PROJECT CONDITIONS

- A. Traffic: Conduct site-clearing operations to ensure minimum interference with roads, streets, walks, and other adjacent occupied or used facilities. Do not close or obstruct streets, walks, or other occupied or used facilities without permission from the University.
- B. Protection of Existing Improvements: Provide protections necessary to prevent damage to existing improvements indicated to remain in place.
1. Restore damaged improvements to their original condition, as acceptable to the University. The full width of pavements damaged due to construction access and other construction-related activities shall be replaced with a structural section (pavement and base) at least equal to the adjacent existing section.
 2. Protect existing utility lines indicated to remain. Notify the University immediately of any damage to or encounter with an unknown existing utility line. Immediately repair damage to existing utility lines.
- C. Protection of Existing Trees and Vegetation: Protect existing trees and other vegetation indicated to remain in place against unnecessary cutting, breaking or skinning of roots, skinning or bruising of bark, smothering of trees by stockpiling construction materials or excavated materials within drip line, excess foot or vehicular traffic, or parking of vehicles within drip line. Provide temporary guards to protect trees and vegetation to be left standing.
1. Water trees and other vegetation to remain within limits of contract work as required maintaining their health during course of construction operations.
 2. Provide protection for roots over 1-1/2 inch in diameter that are cut during construction operations. Coat cut faces with emulsified asphalt or other acceptable coating formulated to use on damaged plant tissues. Temporarily cover exposed roots with wet burlap to prevent roots from drying out; cover with earth as soon as possible.
 3. Repair or replace trees and vegetation indicated to remain that are damaged by construction operations in a manner acceptable to Design/Builder. Employ a licensed arborist to repair damage to trees and shrubs.
 4. Replace trees that cannot be repaired and restored to full-growth status, as determined by arborist.
- D. Salvable Improvements: Carefully remove items indicated to be salvaged and store on the University's premises where indicated or directed. Blasting is not permitted unless approved by the University.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. As required by the project.

PART 3 - EXECUTION

3.1 DISPOSAL OF WASTE MATERIALS

- A. Burning is not permitted on the University's property.
- B. Remove waste materials and unsuitable or excess topsoil from the University's property.

3.2 STORM WATER POLLUTION PREVENTION PLAN

- A. Prior to beginning of work, Design/Builder shall prepare or cause to be prepared a Storm Water Pollution Prevention Plan (SWPPP) applicable to the site conditions and project work. The SWPPP shall be submitted to the Civil Engineer and University for review.
 - 1. The SWPPP shall be based upon the Best Management Practices (BMPs) and shall include all sections and information as outlined in the FACT Sheet for Water Quality Order 99-08-DWQ, found as an attachment to the State Water Resources Control Board (SWRCB) checklist for submittal of a Notice of Intent (NOI). A copy of the guidelines is available electronically at the following website: <http://www.swrcb.ca.gov/stormwtr/construction.html>. Requirements in the Construction Design/Builder's Guide and Specifications of the Caltrans Storm Water Quality Handbook (April 1997) also apply.
 - 2. The SWPPP shall include, as a minimum:
 - a. Filing of a Notice of Intent (NOI), which includes submitting an application, as well as payment of an annual fee. Submit the NOI to:
California State Water Resources Control Board
Division of Water Quality
Storm Water Permit Unit
P.O. Box 1977
Sacramento, California 95812-1977
 - b. Preparing the SWPPP map and report.
 - c. Submitting the map and report to the Regional Water Quality Control Board.
 - d. Monitoring, inspection and maintenance of the site and updating the SWPPP throughout construction.
 - e. Filing a Notice of Termination upon completion of the construction process.
 - 3. Design/Builder shall visit the following website, complete and submit the permit application found there and pay the applicable fees.
<http://www.swrcb.ca.gov/stormwtr/constfaq.html>

END OF SECTION