

DIVISION 2 – EXISTING CONDITIONS

02 00 00 EXISTING CONDITIONS

02 26 00 – HAZARDOUS MATERIAL ASSESSMENT

02 32 00 – GEOTECHNICAL INVESTIGATION

02 40 00 – DEMOLITION

A. General

1. Provide language in specification to the effect that the contractor is responsible to apply for all demolition and renovation permits required by the Iowa DNR. (State of Iowa Asbestos Notification System, <https://programs.iowadnr.gov/asbestos/>). Asbestos notifications are the responsibility of the abatement contractor, all other notifications are the responsibility of the general contractor.

02 91 10 - TREE AND PLANT PROTECTION

A. General

1. Protect trees, including branches, root system, and trunks during all construction activities.
2. Protection Zone shall be no less than 5' beyond dripline of trees and shrubs.
3. Salvage and transplant trees, up to 8" caliper, whenever necessary. Transplant trees in dormancy.
4. References:
 - a) ANSI Z133.1 Safety Requirements for Pruning, Trimming, Repairing, Maintaining and Removing Trees, and For Cutting Brush.
 - b) Council of Tree and Landscape Appraisers: Guide for Plant Appraisals, 9th edition (April 2000).
 - c) International Society of Arboriculture (ISA): Tree and Shrub Transplanting Manual.
 - d) National Arborist Association (NAA) Book of Standards, current edition.
5. Submittals: Submit construction schedule which indicates timeframe for work near existing plant material. Provide transplanting and tree removal schedule.

6. Project Conditions:

- a) Landscape Architect, in coordination with Owner's Representative, shall tag all plant materials to remain or to be transplanted by the Constructor.
- b) Maintain all plant materials in protection zones and in transplant locations or temporary nurseries.
- c) No construction activities, including material or soil stockpiling are permitted within protection zones.

B. Products

1. Tree Protection Fencing: Wood lath, plastic snow, or chain link fence with top rail, 4' height. Provide minimum 6' wide gate access for maintenance access if required.
2. Burlap: Woven jute fabric, when moistened, for keeping exposed roots moist during construction.

C. Execution

1. Cleanly cut roots beyond protection zone that are exposed during excavation. Use of tools that grind or twist roots will not be allowed.
2. Directionally bore under roots systems within the tree protection zone when utility lines are required. Clear cutting structural roots and root systems, within the top 30" of soil within the protection zone, will not be permitted.