



# Construction Care & Tree Preservation

To preserve valuable trees, your SavATree arborist can assist in pre-construction planning by providing expertise and site management procedures that help reduce the risk of construction damage and minimize the impact on the environment. This includes



the establishment of specific requirements for protective fencing, parking, trenching and on-site consultation. Services many also include monitoring the site throughout the project and ensuring compliance with regulations that affect tree preservation. Once construction is complete, your SavATree expert can also help restore and maintain balance within the landscape.

## Pre-Construction Evaluation

A critical step in property development is a thorough evaluation of the trees and building site by a SavATree professional. Your arborist can help determine which trees should be preserved or ultimately removed to create a desirable landscape, avoid delays and minimize overall costs.

## On-Site Arboricultural Management

Your arborist is available to monitor the site to guarantee conservation areas remain intact during construction, develop traffic patterns and confirm that local codes regarding tree preservation are followed. Having your SavATree arborist on site will greatly reduce construction related damage, maximize efficiency and save money by providing ongoing consultation, and if necessary, the immediate application of arboricultural remedies.

## Post-Construction Assessment and Development

After your project is complete, your arborist will review the landscape and determine if any corrective measures should be taken to preserve the trees. A customized, long-term plan to promote the future health and vitality of the trees will then be developed. This includes pruning, a nutrient fortification program and preventive measures to aid the deterrence of insect, mite and disease conditions.

## SavATree Steps To Injury Prevention

Construction injury is a significant cause of decline for established trees in urban and suburban landscapes throughout the country. When the construction process damages a tree by severing roots, changing grades, modifying soil moisture levels or compacting soil with heavy equipment, it triggers a spiral of decline that vastly compromises the life span of a tree.

SavATree recommends these injury prevention steps:

- 1 Discuss and review your objectives.
- 2 Assess the condition, importance and viability of your feature trees.
- 3 Determine the limits of clearing and grading to define and control access.
- 4 Establish traffic routes to reduce soil compaction and avoid plant injury.
- 5 Root prune with a mechanical trencher along root zones that will be impacted by excavation.
- 6 Establish tree protection zones by installing tree preservation fencing.
- 7 Inspect areas that may be affected by construction runoff, determine the severity and install silt or supersilt fencing accordingly.
- 8 Protect other exposed root zones with mulch to minimize soil compaction. When excavating root zones, use an air spade (see photo at left).
- 9 Apply nutrients such as ArborKelp®, mycorrhizae and fertilizer to root zones to help rejuvenate roots and limit stress from construction.
- 10 Consult your arborist throughout the construction process, especially if project plans change or questions arise that could impact the health and safety of your trees.

## Contact us for a complimentary consultation

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