

Tree Remediation Specifications (For Tree #'s Nine & Ten)

- All trees recommended for structural pruning shall only be pruned by an ISA Certified Arborist under the supervision of an ASCA Registered Consulting Arborist. Possession of a Broward County Class A Tree Trimmer license and proper insurance is also required.
- All structural pruning performed shall be in accordance with ANSI A-300 (Chapter 1) (2023) standards, **ANSI A-300 (Best Management Practices (BMP)-Pruning)** and the below canopy specifications.
- As these trees have not received routine structural pruning, no more than 25% of live canopy should be impacted or removed during the first round of restorative pruning.
- Removal of any existing deadwood, selective removal of poorly attached water sprouts, correction of storm damage, establishing height clearance for traffic/pedestrians/parking (14'), and addressing any severe existing structural defects are the primary goals.
- Secondary goals involve restoring good canopy form (reestablish a new central leader/strong branch structure) and aiding tree condition improvement.
- Should branch removals be necessary, focus should be on reduction cuts rather than complete removal cuts.
- All pruning cuts shall leave clean edges, with no bark tears, cracks, or trunk/branch scarring.
- All cuts shall be made just outside of the bark branch ridge/collar when present.
- Use of proper equipment and correct pruning cuts is critical to the success of the pruning plan. All equipment shall be well maintained, with sharp blades and be appropriate for the level of corrective pruning necessary.
- Proper use of PPE (Personal Protective Equipment) and following ANSI Z133 safety standards are required.
- Tissue and soil analysis is recommended for each tree receiving corrective pruning to obtain a baseline on existing health conditions. A soil management plan should then be developed by an ISA Certified Arborist or ASCA Registered Consulting Arborist to address any deficiencies present.
- Air spading and soil invigoration (biochar etc.) treatments are required to alleviate soil compaction within the critical root zones (CRZ) of Tree #'s Nine & Ten. This work shall be performed by an ISA Certified Arborist under the supervision of an ASCA Registered Consulting Arborist prior to construction of the adjacent parking spaces, and in coordination with any structural pruning.
- Removal of any existing concrete, curbs, asphalt etc. is to be performed in such a way as to minimize any root zone impacts or damage. ((i.e.) use of a mini excavator, by hand etc.)

Treemendous Consulting Group

"Every Tree is Unique"

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- Should root pruning become necessary to correct any defects/damage it shall be performed in accordance with ANSI A-300 (Chapter 12) (2023) standards, **ANSI A-300 (Best Management Practices (BMP)- Root Management)** and the below specifications by an ISA Certified Arborist under the supervision of an ASCA Registered Consulting Arborist.
- Photographs of all exposed roots should be taken prior to any initial pruning cuts being made.
- Roots may not be torn off with power equipment, and cut roots shall not be left with ripped, ragged, or shredded ends. Roots must be cleanly severed with sharp hand tools or power root saws.
- Pruning of roots greater than 2" diameter and/or pruning of any structural support roots are to be avoided.
- No additional root impacts are permissible for installation of utilities, irrigation, electrical etc.
- Temporary irrigation shall be required for any tree(s) receiving root pruning treatments and must be in place immediately after cuts are made. Care shall be taken to ensure that adequate soil moisture levels are maintained, and that root zone desiccation does not occur during the project.
- Installation of permeable pavement is required for creation of the three parking spots adjacent to Tree #'s Nine & Ten. Note a non-compacted gravel rock (pH neutral stone) layer is required underneath the permeable pavement, to protect the CRZ's for both trees.
- Permeable pavement requires routine maintenance to retain its porosity and shall be inspected annually to ensure proper water penetration is maintained.
- An ASCA Registered Consulting Arborist should periodically monitor the project site (at least 1-2 times depending on overall project length), to verify tree health, note any significant changes and provide an updated assessment report, as necessary.
- Annual evaluations by an ASCA Registered Consulting Arborist are recommended to monitor each tree's recovery and provide additional plan adjustments, as necessary.

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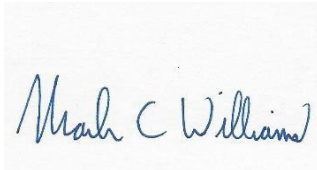
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End Specifications



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