Tree Trenches- One Solution for a Difficult Situation

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The Inheritance

- Wrong trees (many)
- Wrong locations (many)
- Meant to last 7 years (ugh)...
The Inheritance (cont’d)

- Wrong planting methods (everywhere)
- Wrong soils (everywhere)
The Dunkin Donuts site - Before

- Dead tree
- Compacted soils
- Small tree pit (4’ x 4’)
- Tripping hazard
- Outdoor seating area
- Curbside parking
- Many utilities
Before (cont’d)

- Look familiar?...
Arbor Day 2018- The new tree pit

- Worked with our engineers & Dig Safe to locate utilities
- Expanded the tree pit to a 4’ x 8’ tree trench
- Removed old “construction soils” to a depth of 30”
Cornell University CU Structural Soil

- CU-Structural Soil®, is a two-part system comprised of a rigid stone “lattice” that meets engineering requirements for a load-bearing paving base, and a quantity of uncompacted soil that supports tree root growth.
- Provides an opportunity to install porous pavers over the tree trench
Setting the new tree

- Red Maple - Redpointe Red Maple
- Redpointe Red Maple grows in a more upright, pyramidal fashion and is more tolerant of urban sites
- Set at the right height
- Open up girdling roots
Filling in with CU Structural Soil
Our new look...
Our crew- a great team effort!
Our Red Maple today...