

Recommended improvements to parking lot tree requirements.

Existing code regarding Parking Area Landscaping (§ 30.54.060) needs updating. Requirements regarding container size, and years to maturity should be replaced by a recommended species list and improved planting area conditions.

- Increased sf of planting area per tree (reduce number of trees in total)
 - o Current requirements: 1 tree per 5 spaces, planting area dimensions no less than 4'
 - o New recommendation: 1 tree per 20 spaces, dimensions no less than 16'
- Bioswales and/or permeable surfaces nearby to capture rainwater
- Consult with Dudek and local arborists for tree recommendations that can survive the harsh conditions of a parking lot. Can Dudek give us a list of 10 trees?

Incentivize long term health and success.

- New requirements above create better conditions.
- Additional inspection up front of proposed plantings.
 - Who currently reviews parking lot proposals?
- Long--term ongoing inspection and financial incentive / bond?

Outside of UFAC's scope:

Due to stated goals in the city's Climate Action Plan of "protecting the natural environment, increasing sustainability efforts, and improving overall quality of life", UFAC recommends the city explore all options for reducing heat islands, and providing shaded parking.

To our knowledge, these include, but are not limited to

- Solar Carports
- White Roofs on buildings (ex: NYC Cool Roofs)
- Green walls, living roofs etc...
- Permeable paving