

**Attachment D:**

**April 2017 Quayside Esplanade Boulevard –  
Maintenance Program for Trees on  
Upland Side of Esplanade**

**Maintenance Program for Trees on upland side of esplanade (planted in 2007)**

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**Objectives:**

- A. Maintain and enhance the overall health of boulevard trees
- B. Re-establish and maintain view corridors between trees towards the river
- C. Enhance and maintain air flow and light penetration through each tree and improve views through the trees by thinning the tree canopy
- D. Comply with applicable provisions related to tree maintenance and pruning as referenced in the City's Tree Protection and Regulation Bylaw

**In consideration of these objectives, the City will:**

1. Maintain the trees on a three year pruning cycle (commencing in 2017) with annual inspections during intervening years accompanied by pruning to maintain view corridors, address epicormic shoot growth and any other tree health or public safety issues.
2. Prune the trees during the initial pruning cycle interval to:
  - a. remove or subordinate weak, crowded or competitive stems and limbs
  - b. thin the tree crown (crown cleaning) through removal of select secondary branches from main lateral stems to reduce the weight on limbs and increase air and light penetration
  - c. where practical, implement directional pruning as part of a young tree training program
  - d. raise the elevation of the tree canopy to six feet
  - e. manage the overall tree canopy (width and circumference) through the removal of materials not to exceed more than 25% in the first pruning interval.
3. Prune the trees in subsequent pruning cycles with the focus on:
  - a. managing epicormic shoot growth
  - b. tree training for structural soundness and promotion of tree health
  - c. raising the elevation of the tree canopy to eight feet as the trees mature
  - d. managing the overall tree canopy (width and circumference) of trees through the removal of materials not to exceed more than 15-20% in any pruning interval.
  - e. maintaining view corridors of the river between trees primarily through the use of directional pruning
  - f. maintaining light and air penetration through the tree canopy to improve views through the trees

4. Consult with the Quayside Community Board at the end of the first pruning cycle (2020) to review the success of the tree maintenance program in terms of meeting the stated objectives.