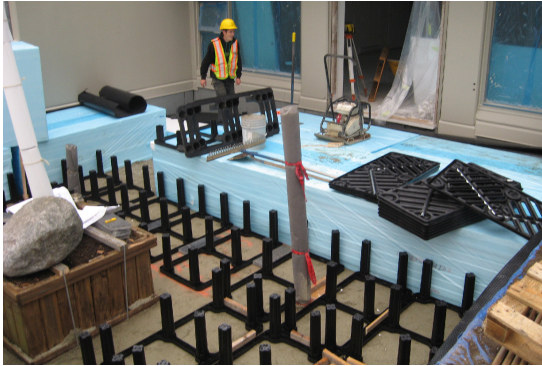


## FIRST AVENUE COMMUNITY BALCONY

Silva Cells help “green” an outdoor play area



The first on-structure Silva Cell installation occurred on a condominium balcony at 1808 W 1<sup>st</sup> Avenue, in Vancouver, British Columbia. Landscape Architecture firm Eckford and Associates wanted to have a large tree on a south-facing common area balcony to create a park-like setting as a unique children's play area. 20 frames and 20 decks provided the tree on the balcony with 268 ft<sup>3</sup> (7.6 m<sup>3</sup>) of lightly soil. Gerry Eckford had seen a presentation about the Silva Cell by Deep Root Canada Corp. representative Michael James at the British Columbia Society of Landscape Architects trade show and was intrigued with the product's capability to bring large tree growth to unconventional sites.

The Silva Cell installation on the balcony, which only necessitated pedestrian loading requirements, took three days and a crew of three people. The installation went smoothly, although some of the procedures were different from a traditional underground Silva Cell installation. All of the necessary materials — Silva Cells, soil, geotextile and geogrid — were lifted by a crane up to the balcony. Instead of backfilling the excavation area around the perimeter and on top of the Silva Cells, Roofmate™ Styrofoam was used to secure the system into its designated area. This reduced the weight that the balcony had to bear.

The balcony outside of the common room will now serve as a more interesting and effective play area for the children of the building complex, helping to create a park-like setting indoors.

### Installation Summary:

Total soil volume per tree: 268 ft<sup>3</sup> (7.6 m<sup>3</sup>)

Total number of trees: 1

Total Silva Cells: 20 frames, 20 decks

Installation site: Balcony

Installation type: Tree

Project designer: Eckford & Associates

Client: Condominium Association

Installation date: October 2008

### For more information, please contact:

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