



Civic Mall Preliminary Design Concept

DSC June 10, 2008

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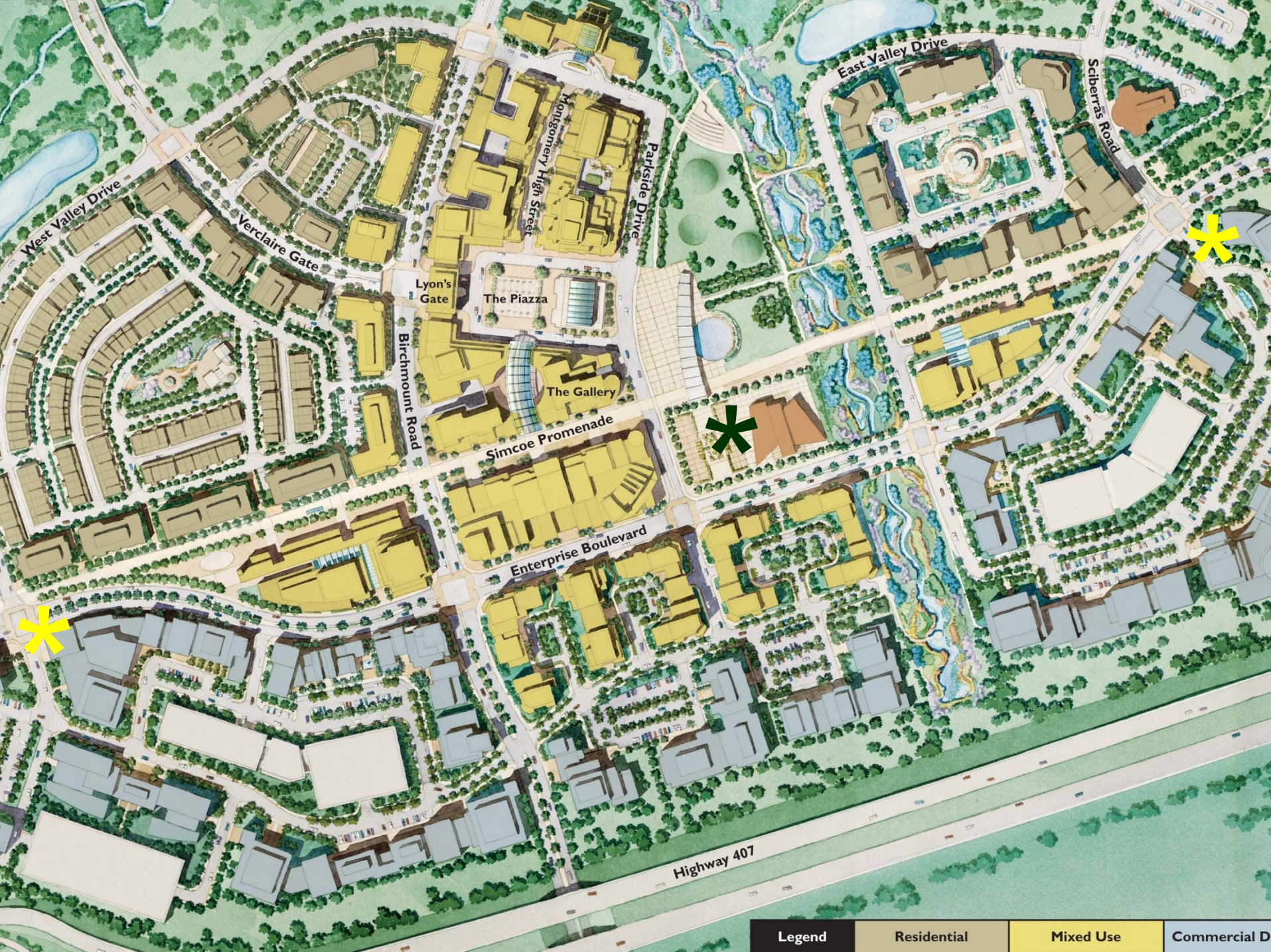
Civic Mall Design Approach

- Markham and York Region Councils endorsed the design principles and key design elements for the Civic Mall in February 2008
- JRA was retained by the Town to prepare a “Design Vision” for the Civic Mall based on the “Shared Space Rapidway” Concept
- The Technical Working Group, YRRTC and YRT have met regularly to address design and operational considerations
- The Civic Mall Design Vision was received positively by the Markham Centre Advisory Committee in May 2008

YRRTC RAPIDWAY Construction Schedule

- Preliminary engineering work on Phase 1 of the Rapidway is well advanced
- Construction of the Rapidway will start this fall and is anticipated to be completed in Spring 2009
- The Rapidway and Park Component of the Civic Mall were designed as a “seamless environment”
- Construction on the Rapidway and Park Component could occur independently or concurrently





Legend	Residential	Mixed Use	Commercial D
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Objectives

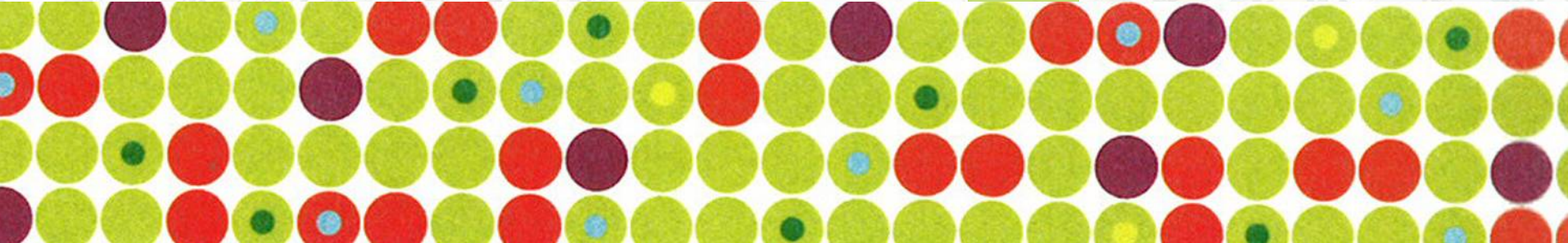
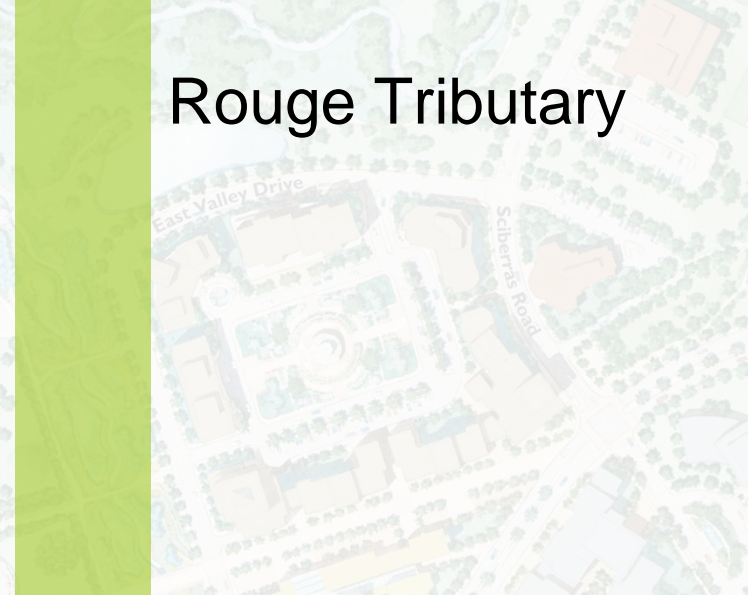
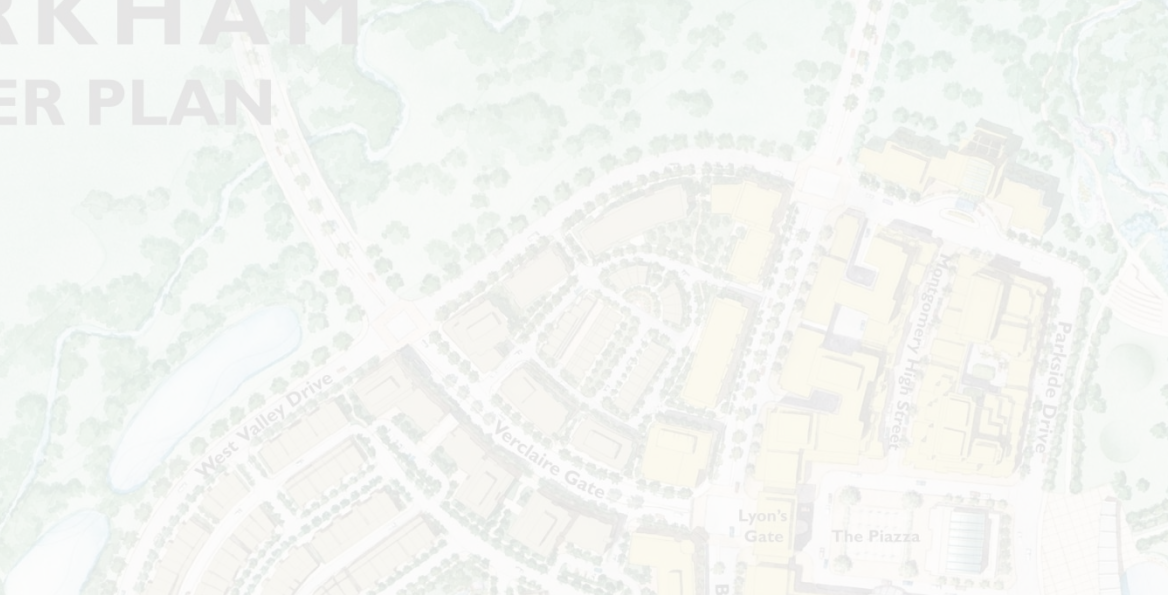
- Develop a high quality and safe public realm designed to accommodate safe movement of pedestrians, transit and alternative modes of transportation such as bicycles.
- Create a high quality, cohesive and contemporary environment from end to end, building face to building.
- Create an adaptive concept that can accommodate changes to adjacent land use both in the short term and long term.
- Create a flexible environment that responds to adjacent and surrounding land use.
- Create an urban outdoor living room for the community of Markham Centre.

Design Guidelines

- Accommodate pedestrians, cyclists and public transit with high priority given to all modes of movement.
- Promote safety between all users by encouraging eye contact and respect between all modes of transportation (20km/h) while reducing the need for signs and roadway markings.
- Communicate transit routes through the tactile, colour and pattern changes in surfacing.
- Connect into a larger open space network and be an extension of adjacent land uses.
- Address the concerns of stakeholders and users while remaining consistent with Markham Centre vision.
- Allow for flexible programming that encourages activities such as outdoor cafes, seating areas, seasonal festivals and other activities that public space users create.
- Allow trees to reach maturity by specifying species tolerant of urban conditions and planting them in unconfined spaces that allow maximum root growth.
- Incorporate principles of universal accessibility and crime prevention.

Design Inspiration

Rouge Tributary



Urban Tributary









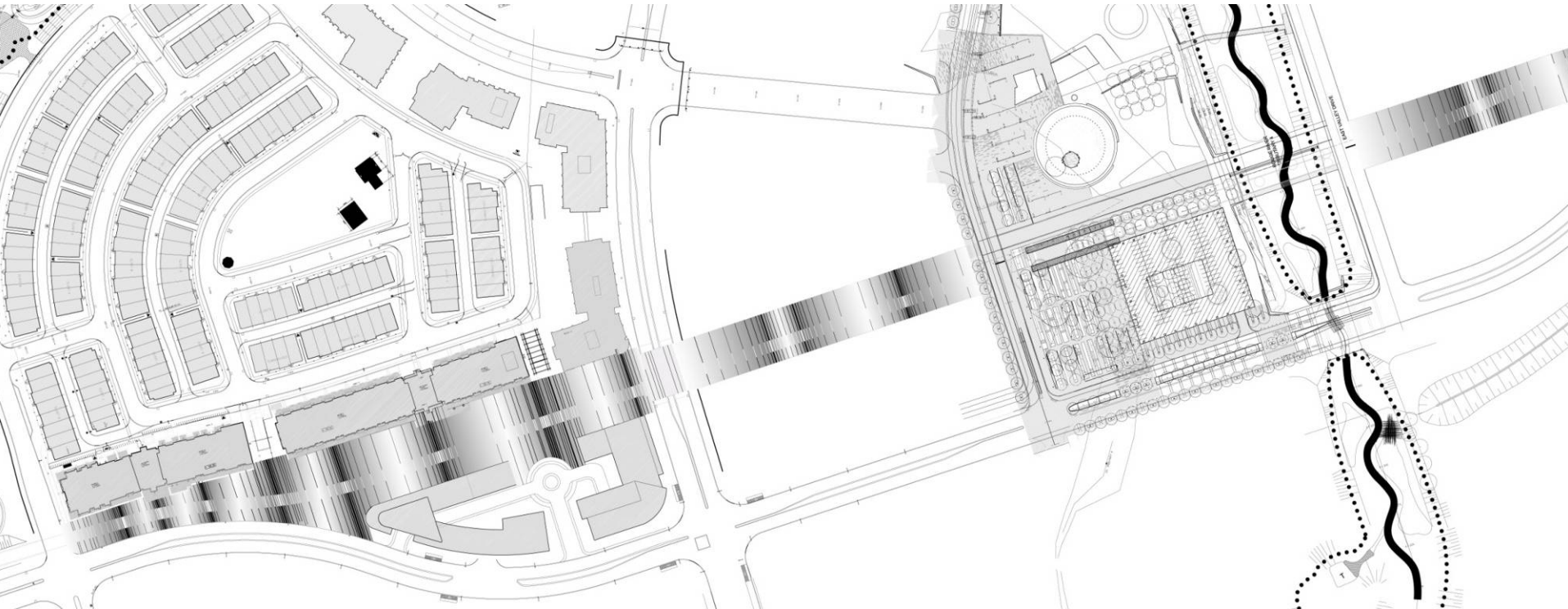
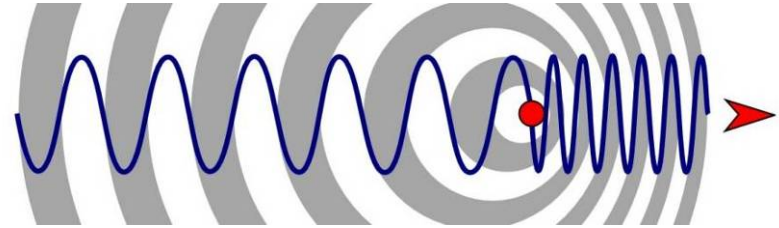
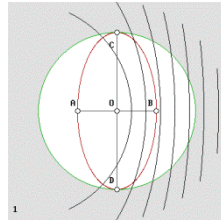






Design Vision

Doppler Effect Patterning Reflects Patterns of Usage











Rouge Tributary



Urban Tributary

PHASE 1

Rouge Valley Drive to Birchmount Road







ADJACENT
COMMERCIAL



PLANTED ISLANDS OPTION
CLIPPED SHRUBS AT COMMERCIAL ZONES



RESIDENTIAL

LANDSCAPE
FEATURE WALL

PRIVATE RESIDENTIAL
TERRACE

OPTIONAL PUBLIC ART
BEYOND

PLANTED ISLANDS
ORNAMENTAL GRASSES / PERENNIALS AT RESIDENTIAL ZONES

VARIES
2000
LIMITED OBSTRUCTION (MAX. HEIGHT 750MM)

1500
OBSTRUCTION FREE



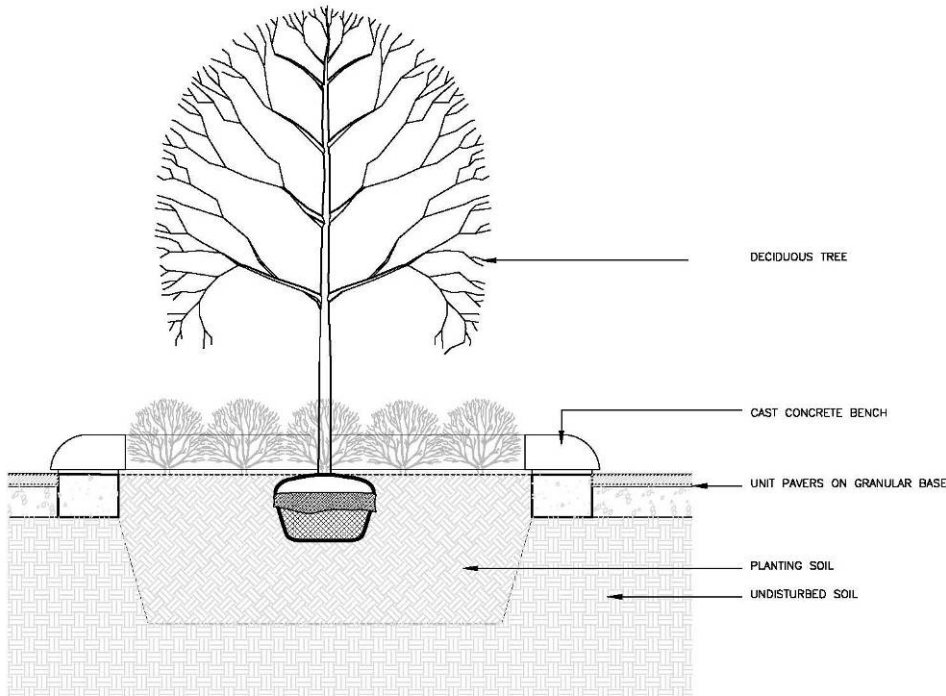




RESIDENTIAL

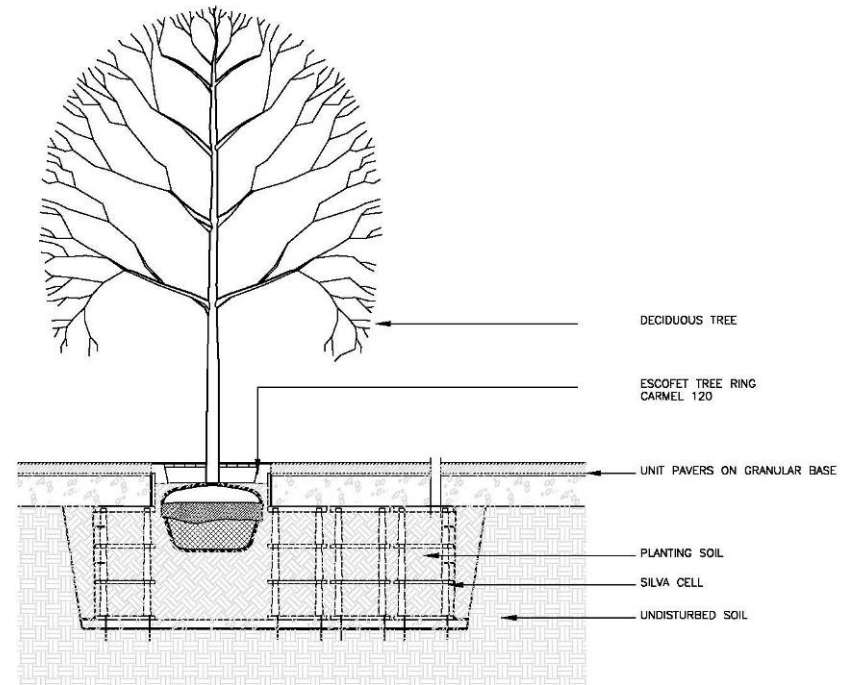






TREE PLANTING IN CIRCULAR BENCH

N.T.S.



TREE PLANTING IN SILVA CELL

N.T.S.





Next Steps

- Endorse the “design concept” as the basis for completion of the final design and preparation of construction documents for the YRRTC Rapidway
- Authorize staff to bring back a memorandum of understanding on the capitalization, construction, operation and maintenance of the Civic Mall Rapidway in association with YRRTC
- Authorize staff to retain JRA to proceed with further detailed design work, cost estimating and phasing options associated with construction of the Phase 1 Park Component of the Civic Mall
- Report back to Council in the fall of 2008 on the capitalization, construction, operation and maintenance of the Park Component of the Civic Mall