



Appropriate soil replant or equivalent is recommended



Appropriate pruning measures should be taken



To ensure properly irrigated new trees, the use of gator bags is recommended

Watering

- All new planted trees require a minimum of 20 gallons of water to thoroughly saturate the soil.
- Water should not cause uprooting or expose the roots.
- Each tree requires a minimum of 20 gallons of water every two weeks. This quantity may fluctuate depending on weather conditions.
- The initial 2 years of development should specify the use of gator bags for the continual drip irrigation needed by newly establishing plants.

Tree Care

- Street trees require maintenance (weeding, cultivating, pruning, soil replacement, and repair).
- All dead, broken, bruised or crossing branches should be pruned with a clean cut. The crowns of young trees must not be cut back.
- The base of the tree should have adequate opening between pavers or tree grate surface (a minimum of .4m opening). Pavers may be removed to increase the tree opening as the diameter of the trunk increases. Tree grates must be adjusted if the opening becomes too small for the tree.

Tree Protection

- All trees should be protected from being damaged from bicycles being locked to the trees and from car/truck doors opening on the tree.
- Ideally the trees should be protected by using a tree guard. Alternatively a mesh wrap and signage can be used to prevent and educate bicycles locks from being wrapped around the tree. If a mesh is being used as a protection strategy the diameter of the mesh must be increased as the tree grows to prevent it from choking the tree.



Gator bags provide continual drip irrigation

PAVING

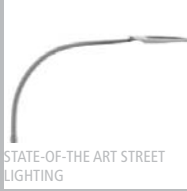
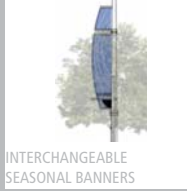





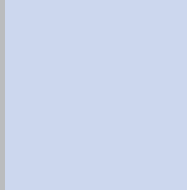



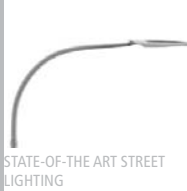






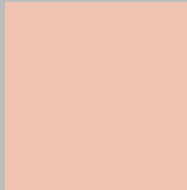







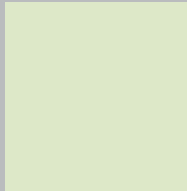


FURNISHINGS

		Typical midblock sidewalk	Sidewalk banding	Tree/furnishing zone paving	Corner treatment	Crosswalk	Greenway trail							
								Tree grates	Benches	Integrated benches	Litter/recycling receptacles	Newspaper Boxes	Bicycle Rings	Transit shelters
AVENUE	TYPICAL YRRT/VIVANEXT STREETScape ELEMENTS	 CAST-IN-PLACE CONCRETE SIDEWALK	 YRRT VIVANEXT RECOMMENDATION	 YRRT VIVANEXT RECOMMENDATION	 YRRT VIVANEXT RECOMMENDATION	 YRRT VIVANEXT RECOMMENDATION			 YRRT VIVANEXT STANDARD BENCH		 YRRT VIVANEXT STANDARD LITTER RECEPTACLE DESIGN	 YRRT VIVANEXT STANDARD NEWS KIOSK DESIGN	 YRRT VIVANEXT STANDARD BICYCLE LOCK DESIGN	 YRRT VIVANEXT STANDARD SHELTER DESIGN
	CENTRE STREET TYPICAL & ENHANCED STREETScape ELEMENTS		 MEDIUM TONED INTERLOCK PAVER BANDING	 MEDIUM TONED INTERLOCK PAVER	 INTERLOCK PAVER MOSAIC WITH INCREASED INTENSITY FROM LIGHT TO DARK	 CLEAR AND SIMPLE PAINTED CROSSWALKS		 CUSTOM LINEAR TREE GRATES		 INTEGRATED DESIGNER BENCH	 CENTRE STREET LITTER RECEPTACLE DESIGN	 CENTRE STREET NEWS KIOSK DESIGN		
BOULEVARD	TYPICAL YRRT/VIVANEXT STREETScape ELEMENTS	 CAST-IN-PLACE CONCRETE SIDEWALK	 YRRT VIVANEXT RECOMMENDATION	 YRRT VIVANEXT RECOMMENDATION	 YRRT VIVANEXT RECOMMENDATION	 YRRT VIVANEXT RECOMMENDATION			 YRRT VIVANEXT STANDARD BENCH		 YRRT VIVANEXT STANDARD LITTER RECEPTACLE DESIGN	 YRRT VIVANEXT STANDARD NEWS KIOSK DESIGN	 YRRT VIVANEXT STANDARD BICYCLE LOCK DESIGN	 YRRT VIVANEXT STANDARD SHELTER DESIGN
	CENTRE STREET TYPICAL & ENHANCED STREETScape ELEMENTS		 MEDIUM TONED INTERLOCK PAVER BANDING	 MEDIUM TONED INTERLOCK PAVER	 PAVER MOSAIC WITH INCREASED INTENSITY FROM LIGHT TO DARK	 CLEAR AND SIMPLE PAINTED CROSSWALKS		 CUSTOM LINEAR TREE GRATES		 INTEGRATED DESIGNER BENCH	 CENTRE STREET LITTER RECEPTACLE DESIGN	 CENTRE STREET NEWS KIOSK DESIGN		
GREENWAY	TYPICAL YRRT/VIVANEXT STREETScape ELEMENTS								 YRRT VIVANEXT STANDARD BENCH		 YRRT VIVANEXT STANDARD LITTER RECEPTACLE DESIGN			 YRRT VIVANEXT STANDARD SHELTER DESIGN
	CENTRE STREET TYPICAL & ENHANCED STREETScape ELEMENTS		 MEDIUM TONED INTERLOCK PAVER BANDING			 PAVER MOSAIC WITH INCREASED INTENSITY FROM LIGHT TO DARK	 CLEAR AND SIMPLE PAINTED CROSSWALKS	 ASPHALT WITH GRANULAR SURFACE TREATMENT			 CENTRE STREET LITTER RECEPTACLE DESIGN			

LIGHTING

SIGNAGE

LANDSCAPING

LIGHTING				SIGNAGE			LANDSCAPING					
Street lighting	Pedestrian light fixture	Pedestrian lighting	LED paver lighting	Banners	Gateway signage	Wayfinding/ Directional	Street trees in tree grates	Curbed Bioswales	Naturalized bioswales	Hanging baskets		
 STATE-OF-THE ART STREET LIGHTING				 INTERCHANGEABLE SEASONAL BANNERS		 YRRT VIVA NEXT WAYFINDING & SIGNAGE	 YRRT VIVANEXT RECOMMENDATION				TYPICAL YRRT/ VIVANEXT STREETScape ELEMENTS	AVENUE
	 COMBINED PEDESTRIAN AND STREET LIGHT	 SINGLE LIGHTING ALONG TRAILS AND SIDEWALKS	 LED PAVERS INDICATING HIGH USE AREAS		 PROMINENT PLACE SENSITIVE GATEWAY FEATURES	 CENTRE STREET SPECIFIC WAYFINDING & SIGNAGE	 CONTINUOUS GRATED PLANTER			 SEASONALLY DECORATIVE HANGING BASKETS	CENTRE STREET TYPICAL & ENHANCED STREETScape ELEMENTS	
 STATE-OF-THE ART STREET LIGHTING				 INTERCHANGEABLE SEASONAL BANNERS		 YRRT VIVA NEXT WAYFINDING & SIGNAGE	 YRRT VIVANEXT RECOMMENDATION				TYPICAL YRRT/ VIVANEXT STREETScape ELEMENTS	BOULEVARD
	 COMBINED PEDESTRIAN AND STREET LIGHT	 DOUBLE LIGHTING AT HIGH USE AREAS	 LED PAVERS INDICATING HIGH USE AREAS		 PROMINENT PLACE SENSITIVE GATEWAY FEATURES	 CENTRE STREET SPECIFIC WAYFINDING & SIGNAGE	 CONTINUOUS GRATED PLANTER	 URBAN NATIVE WET MEADOW BIOSWALE		 SEASONALLY DECORATIVE HANGING BASKETS	CENTRE STREET TYPICAL & ENHANCED STREETScape ELEMENTS	
 STATE-OF-THE ART STREET LIGHTING						 YRRT VIVA NEXT WAYFINDING & SIGNAGE					TYPICAL YRRT/ VIVANEXT STREETScape ELEMENTS	GREENWAY
	 COMBINED PEDESTRIAN AND STREET LIGHT				 PROMINENT PLACE SENSITIVE GATEWAY FEATURES	 CENTRE STREET SPECIFIC WAYFINDING & SIGNAGE			 NATURALIZED NATIVE WET MEADOW BIOSWALE		CENTRE STREET TYPICAL & ENHANCED STREETScape ELEMENTS	





CONCEPT PLAN

