

West London Dyke Reconstruction Project Phase 9 - 13

Public Update Meeting

Presented by

**Upper Thames River Conservation Authority
City of London and Stantec**



Welcome

Thursday, May 8, 2025

The City of London is situated on the traditional lands of the Anishinaabek, Haudenosaunee, Lu naapéewak and Attawandaron. We honour and respect the history, languages and culture of the diverse Indigenous people who call this territory home. The City of London is currently home to many First Nations, Métis and Inuit today. As representatives of the people of the City of London, we are grateful to have the opportunity to work and live in this territory.

Note: all photos by Stantec unless otherwise stated

Project Summary

Project Location

CAVENDISH PARK TO MITCHELL A. BARAN PARK - CITY OF LONDON



Project Team

CITY OF LONDON

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Project Overview

The City of London, in partnership with the Upper Thames River Conservation Authority (UTRCA), is rebuilding the West London Dyke between Cavendish Park and Kensington Bridge.

The West London Dyke is a flood protection structure along the Thames River. It helps prevent flooding and is also part of the City's recreational pathway system. The City owns the dyke, while the UTRCA handles major maintenance. From 2007 to 2023, the City and UTRCA upgraded 1,395m of the dyke between Oxford Street West and Kensington Bridge (project phases 1 - 7) to withstand a 250-year flood.



Existing West London Dyke, north of Kensington Bridge
Source: City of London Get Involved webpage

Project Phases 9 - 13 is 1,190m in length and will include an earth berm in Cavendish Park and Mitchell A. Baran Park, and a reinforced vertical wall between Cavendish Park and the west end of Mitchell A. Baran Park. Construction will also include a new multi-use pathway, hand railings, benches, lighting, and shade tree planting as part of the Thames Valley Parkway extension. The total length of the West London Dyke is 2,585m.

Estimated Construction Schedule

Fall 2025

Tree removal and earth works

2026

Earth works, wall construction, restoration

Spring 2027

Landscape restoration and project completion

Tree Impacts - Cavendish Park

Tree Impact Summary

Total quantity of trees recommended for removal due to conflict with proposed construction: **258**

'Cavendish Park' tree removals anticipated: **61**

**Total tree removal quantities subject to field verification*

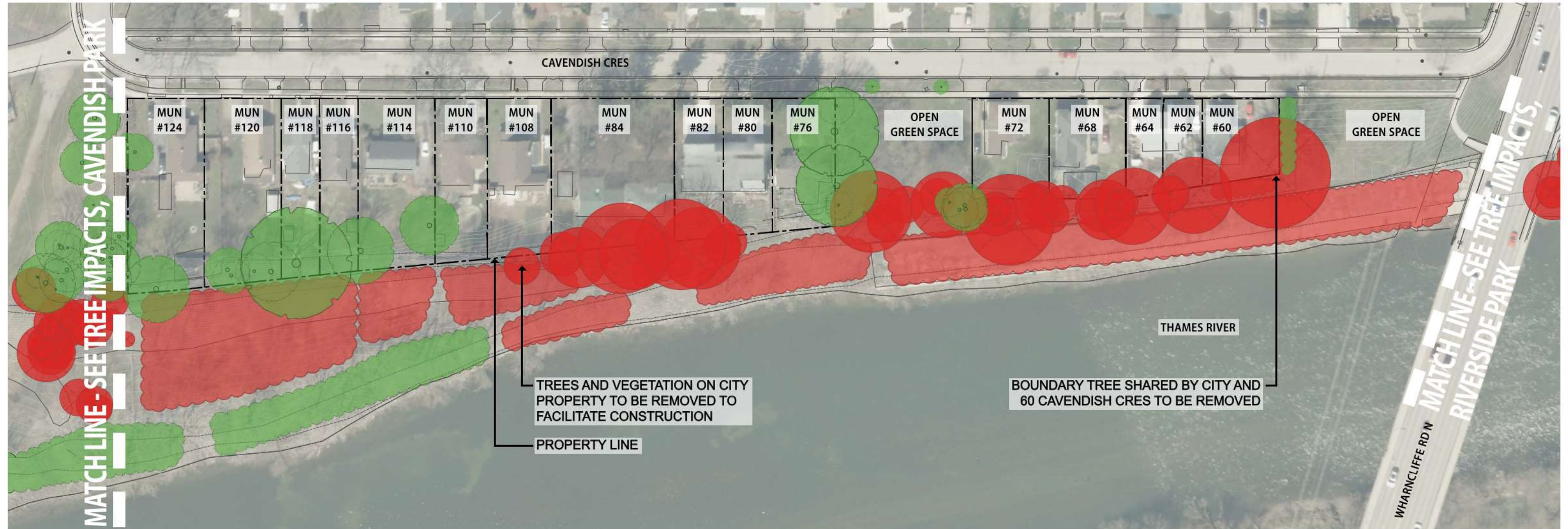
Every effort will be taken to preserve trees that are on the boundary of this diagram during construction. However, the identified trees are subject to removal due to the extensive flood protection dyke wall construction.

LEGEND

- DECIDUOUS TREE TO BE RETAINED
- CONIFEROUS TREE TO BE RETAINED
- VEGETATION TO BE RETAINED
- DECIDUOUS TREE TO BE REMOVED
- SPECIES AT RISK TO BE REMOVED (REGISTRATION OF REMOVAL WITH THE NECP TO BE COMPLETED)
- VEGETATION TO BE REMOVED



Tree Impacts - Cavendish Crescent

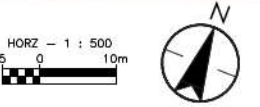


LEGEND

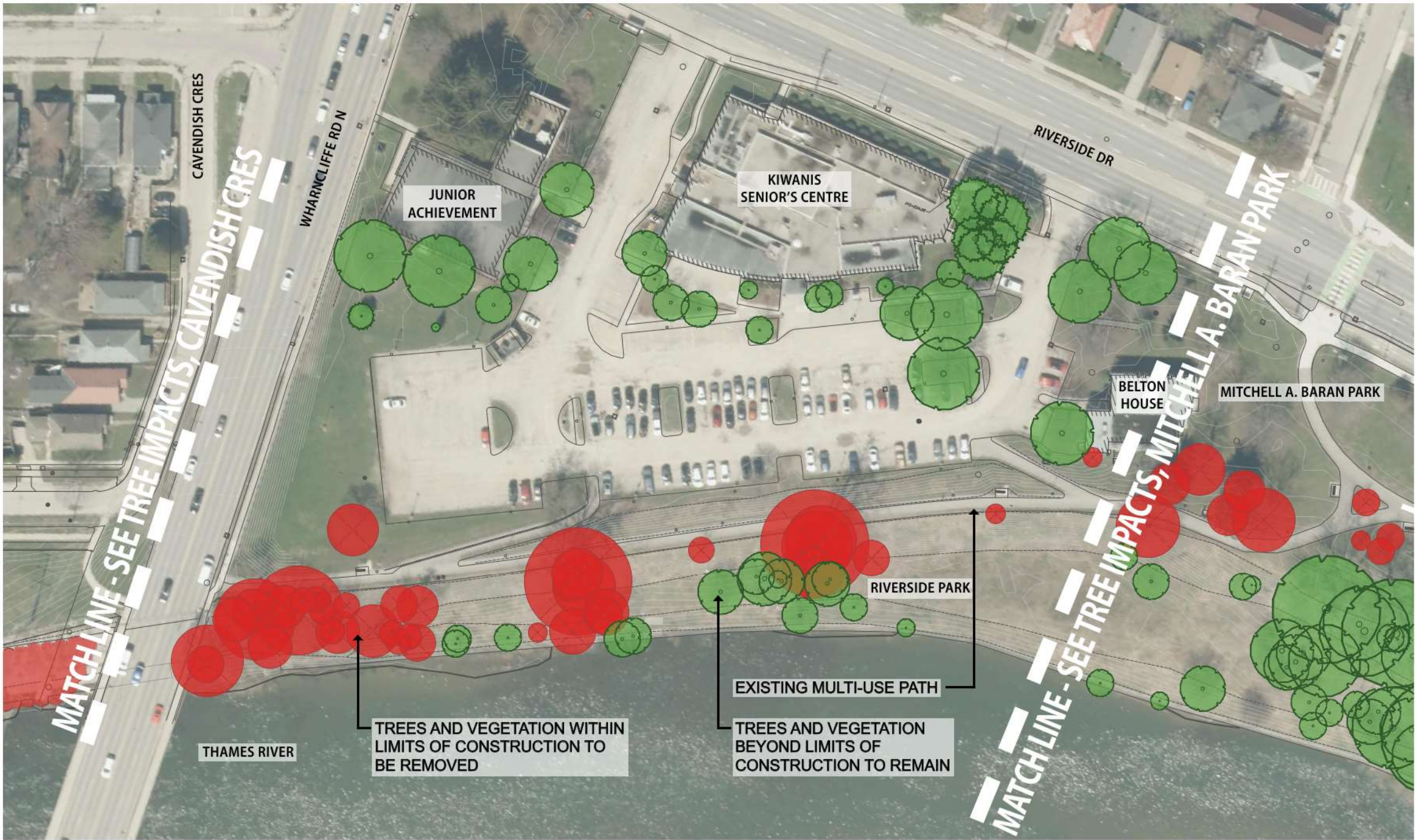
-  DECIDUOUS TREE TO BE RETAINED
-  CONIFEROUS TREE TO BE RETAINED
-  VEGETATION TO BE RETAINED
-  DECIDUOUS TREE TO BE REMOVED
-  VEGETATION TO BE REMOVED

'Cavendish Cres' tree removals anticipated: **111**

Every effort will be taken to preserve trees that are on the boundary of this diagram during construction. However, the identified trees are subject to removal due to the extensive flood protection dyke wall construction.



Tree Impacts - Riverside Park



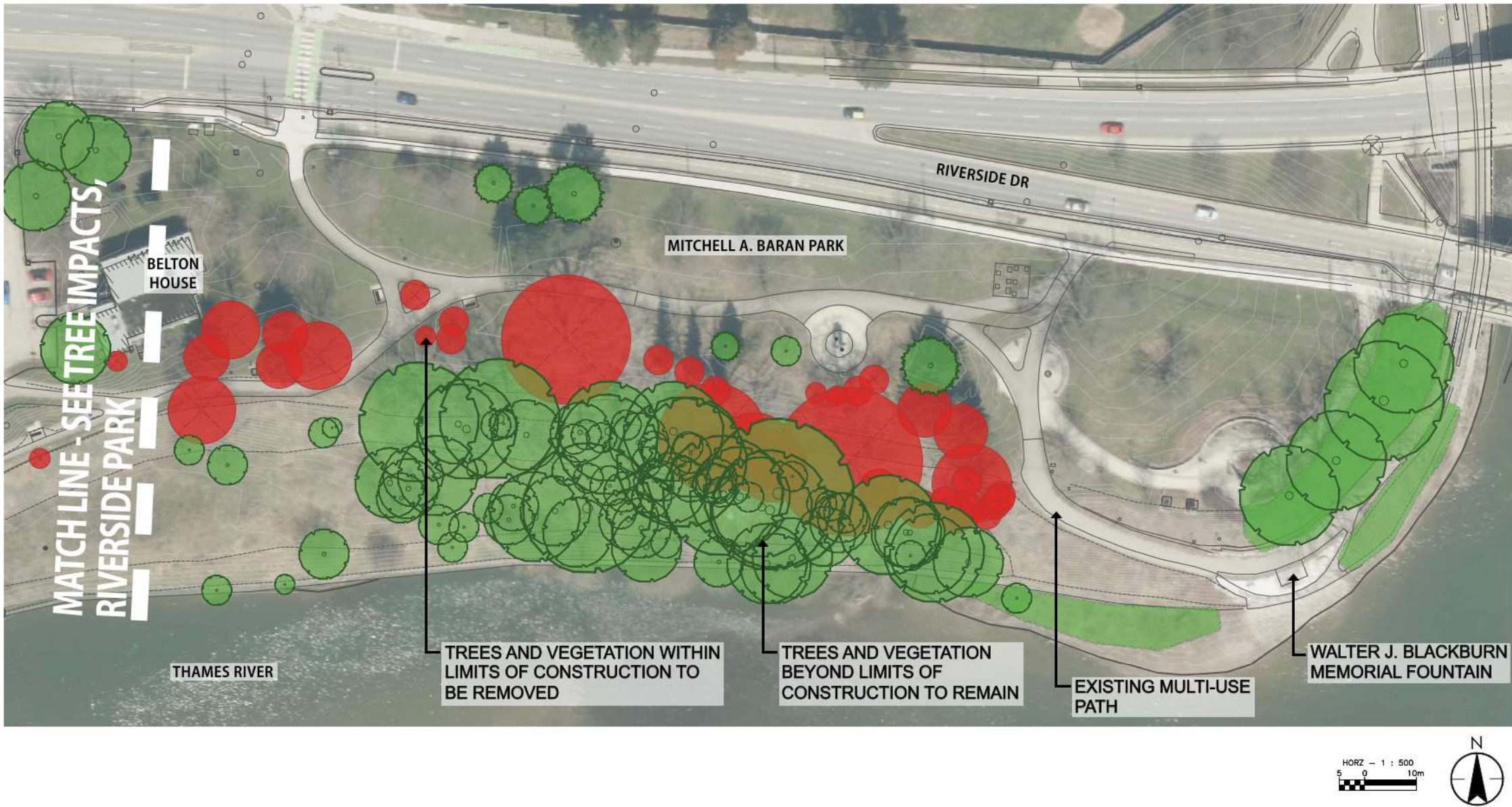
LEGEND

- DECIDUOUS TREE TO BE RETAINED
- CONIFEROUS TREE TO BE RETAINED
- VEGETATION TO BE RETAINED
- DECIDUOUS TREE TO BE REMOVED
- VEGETATION TO BE REMOVED

'Riverside Park' tree removals anticipated: 42

Every effort will be taken to preserve trees that are on the boundary of this diagram during construction. However, the identified trees are subject to removal due to the extensive flood protection dyke wall construction.

Tree Impacts - Mitchell A. Baran Park



LEGEND

- DECIDUOUS TREE TO BE RETAINED
- CONIFEROUS TREE TO BE RETAINED
- VEGETATION TO BE RETAINED
- DECIDUOUS TREE TO BE REMOVED
- VEGETATION TO BE REMOVED

'Mitchell A. Baran Park' tree removals anticipated: 44

Every effort will be taken to preserve trees that are on the boundary of this diagram during construction. However, the identified trees are subject to removal due to the extensive flood protection dyke wall construction.

Restoration Plan - Cavendish Park

Proposed Restoration Planting Summary (entire site)

Proposed deciduous trees to be planted: **132**

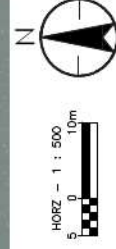
Proposed coniferous trees to be planted: **101**

Proposed deciduous shrubs to be planted: **343**

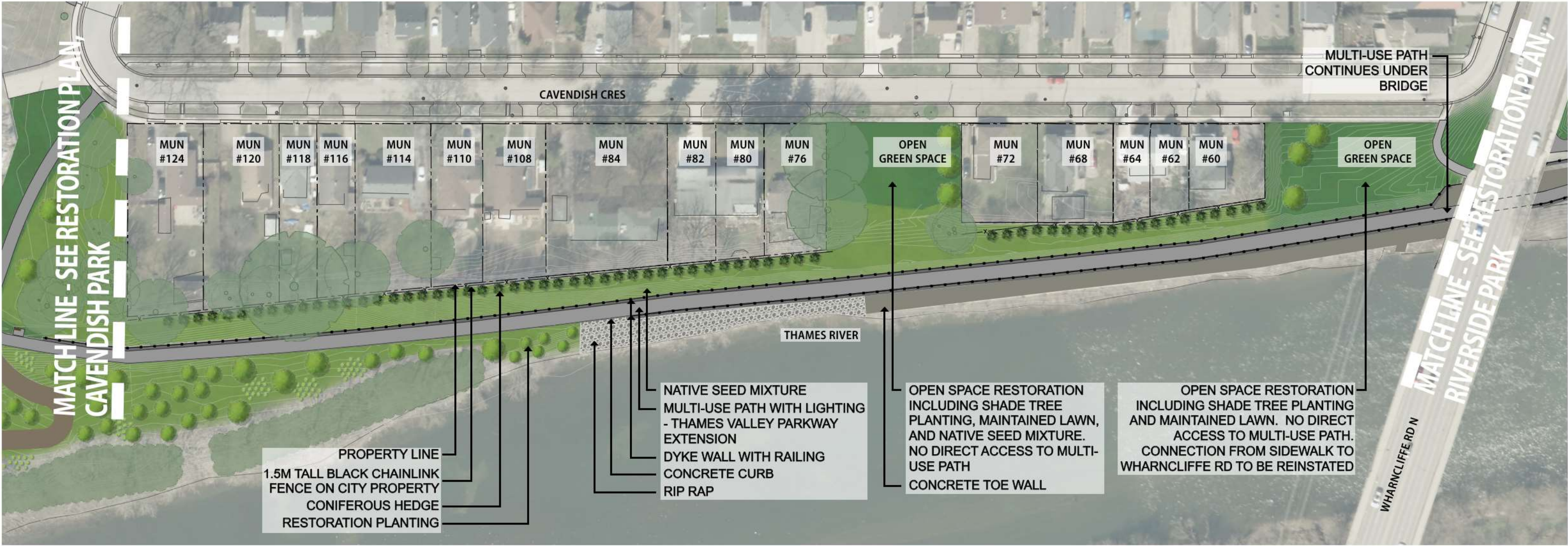
Proposed perennials to be planted: **23**



*Preliminary concept, final layout subject to change



Restoration Plan - Cavendish Crescent



*Preliminary concept, final layout subject to change

Proposed Plant List (entire site)

*Subject to change

Deciduous Trees			
Qty	Botanical Name	Common Name	Size & Condition
3	<i>Acer rubrum</i>	Red Maple	50mm Caliper, W.B.
4	<i>Acer saccharum</i>	Sugar Maple	50mm Caliper, W.B.
1	<i>Acer saccharinum</i>	Silver Maple	50mm Caliper, W.B.
12	<i>Betula papyrifera</i>	Paper Birch	50mm Caliper, W.B. CLUMP
7	<i>Celtis occidentalis</i>	Hackberry	50mm Caliper, W.B.
6	<i>Fagus grandifolia</i>	American Beech	50mm Caliper, W.B.
7	<i>Liriodendron tulipifera</i>	Tulip Tree	50mm Caliper, W.B.
3	<i>Liquidambar styraciflua</i>	Sweetgum	50mm Caliper, W.B.
5	<i>Tilia americana</i>	Basswood	50mm Caliper, W.B.
14	<i>Ulmus americana</i>	American Elm	50mm Caliper, W.B.
Deciduous Whips			
Qty	Botanical Name	Common Name	Size & Condition
3	<i>Acer saccharinum</i>	Silver Maple	175cm HT. BB or 10gal POT
11	<i>Carpinus caroliniana</i>	Blue Beech	175cm HT. BB or 10gal POT
9	<i>Celtis occidentalis</i>	Hackberry	175cm HT. BB or 10gal POT
7	<i>Juglans nigra</i>	Black Walnut	175cm HT. BB or 10gal POT
17	<i>Ostrya virginiana</i>	Hop-Hornbeam	175cm HT. BB or 10gal POT
5	<i>Populus deltoides</i>	Cottonwood	175cm HT. BB or 10gal POT
7	<i>Prunus serotina</i>	Black Cherry	175cm HT. BB or 10gal POT
11	<i>Tilia americana</i>	Basswood	175cm HT. BB or 10gal POT

Deciduous Shrubs			
Qty	Botanical Name	Common Name	Size & Condition
16	<i>Amelanchier arborea</i>	Downy Serviceberry	60 cm HT., 3 Gal. Pot
22	<i>Cornus alternifolia</i>	Pagoda Dogwood	50 cm HT., 3 Gal. Pot
16	<i>Cornus racemosa</i>	Gray Dogwood	50 cm HT., 3 Gal. Pot
10	<i>Cornus sericea</i>	Red Osier Dogwood	50 cm HT., 3 Gal. Pot
34	<i>Dierilla lonicera</i>	Bush Honeysuckle	50 cm HT., 3 Gal. Pot
21	<i>Hamelia virginiana</i>	Witch Hazel	50 cm HT., 3 Gal. Pot
26	<i>Ilex verticillata</i>	Winterberry	50 cm HT., 3 Gal. Pot
42	<i>Physocarpus opulifolius</i>	Common Ninebark	50 cm HT., 3 Gal. Pot
72	<i>Rhus typhina</i>	Staghorn Sumac	50 cm HT., 3 Gal. Pot
26	<i>Sambucus canadensis</i>	American Elder	50 cm HT., 3 Gal. Pot
26	<i>Salix discolor</i>	Pussy Willow	50 cm HT., 3 Gal. Pot
32	<i>Viburnum trilobum</i>	Highbush Cranberry	50 cm HT., 3 Gal. Pot
Perennials			
Qty	Botanical Name	Common Name	Size & Condition
23	<i>Echinacea pallida</i>	Pale Purple Coneflower	2yr 2 Gal. Pot

LEGEND

DECIDUOUS TREE TO BE RETAINED

CONIFEROUS TREE TO BE RETAINED

PROPOSED DECIDUOUS TREE

PROPOSED DECIDUOUS SHRUB

PROPOSED CONIFEROUS TREE

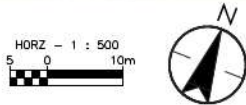
LAWN RESTORED TO CONSTRUCTION LIMITS

NATIVE SEED MIXTURE TO CONSTRUCTION LIMITS

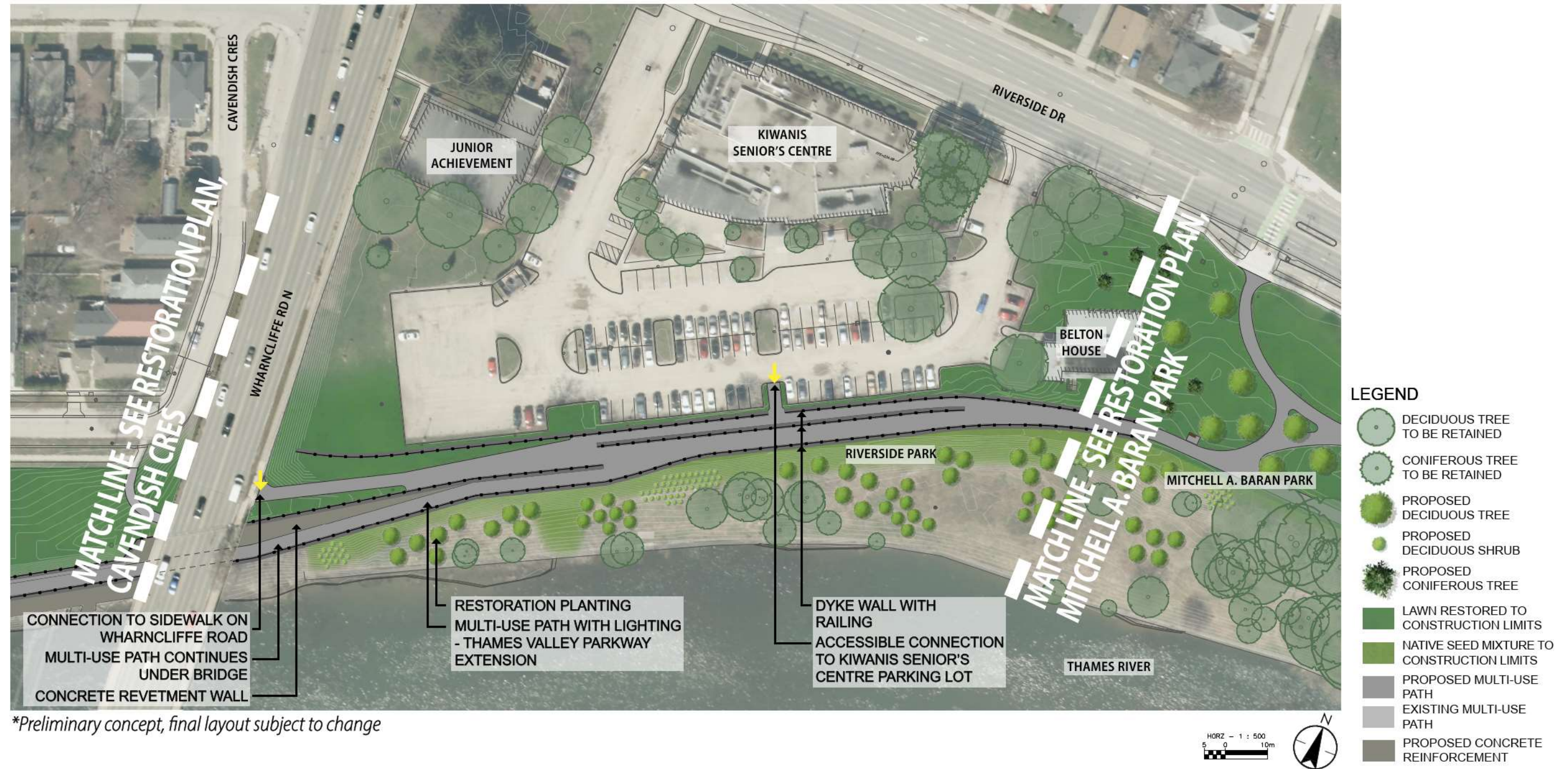
PROPOSED MULTI-USE PATH

EXISTING MULTI-USE PATH

PROPOSED CONCRETE REINFORCEMENT



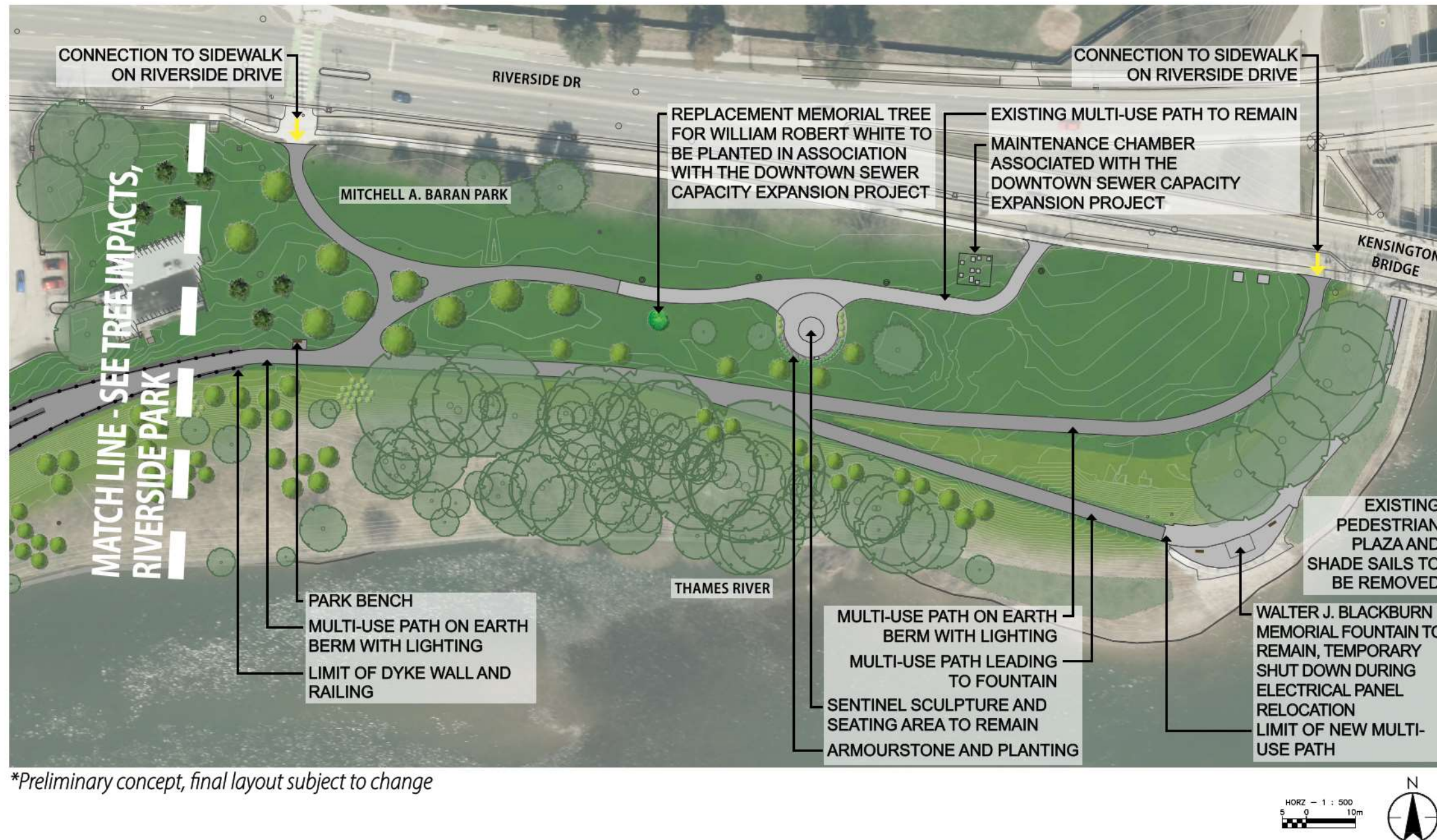
Restoration Plan - Riverside Park



*Preliminary concept, final layout subject to change

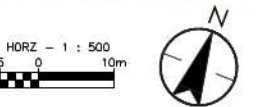
Temporary Restoration Plan - Mitchell A. Baran Park

Restoration efforts associated with the West London Dyke reconstruction in Mitchell A. Baran Park are a temporary measure only. The City of London will be carrying out a Park Master Plan in the near future to determine park redevelopment.

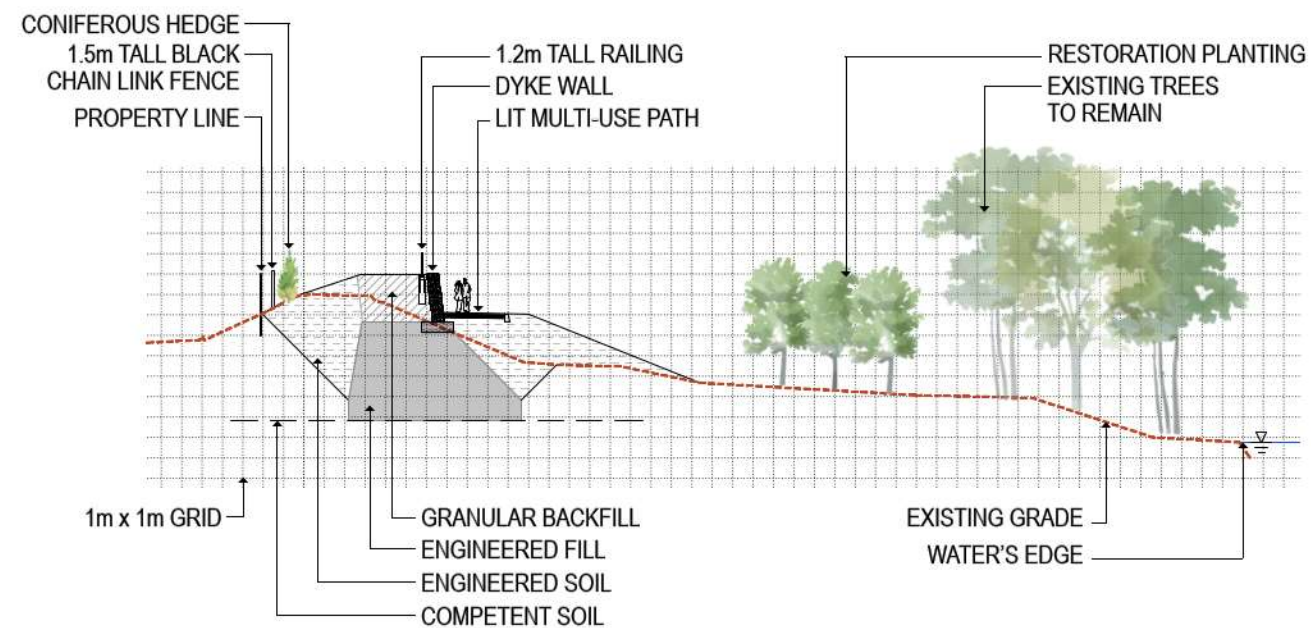


*Preliminary concept, final layout subject to change

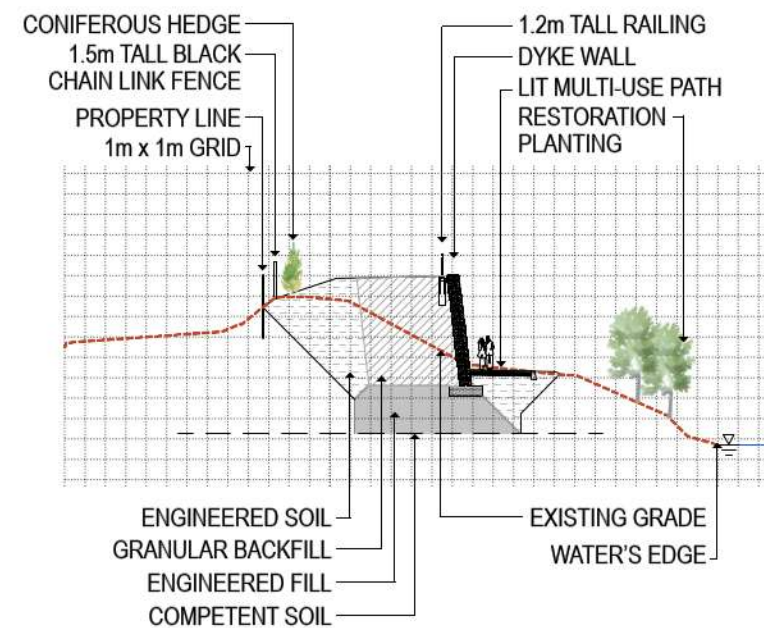
Sections - Cavendish Crescent



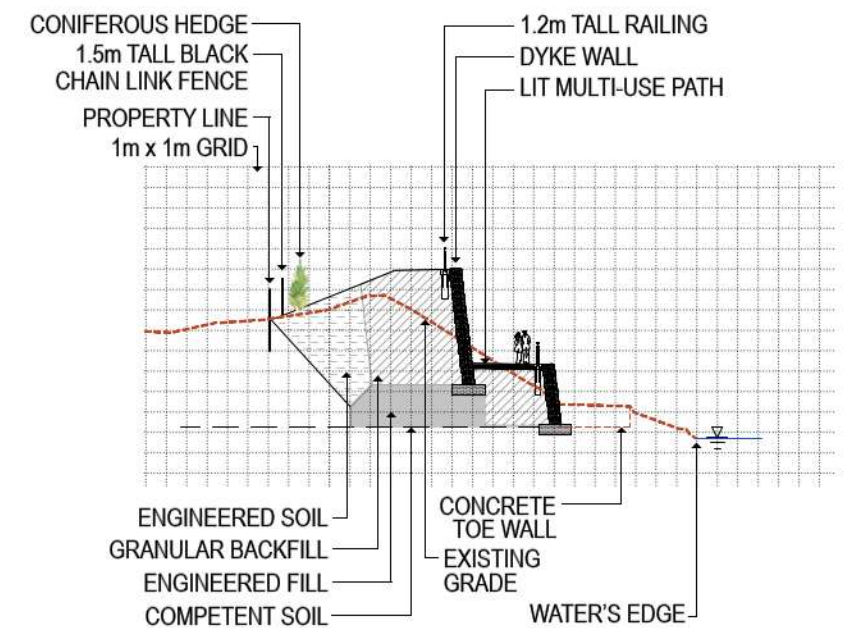
SECTION 'A'



SECTION 'B'



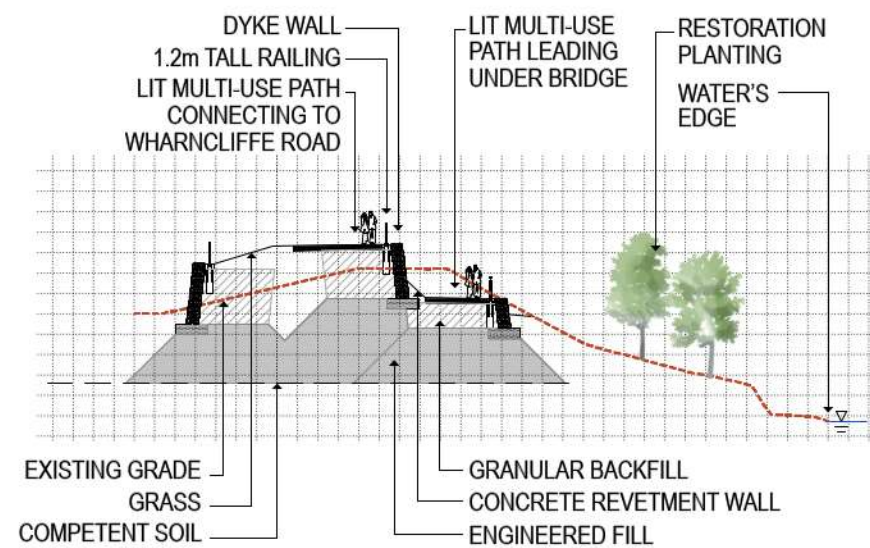
SECTION 'C'



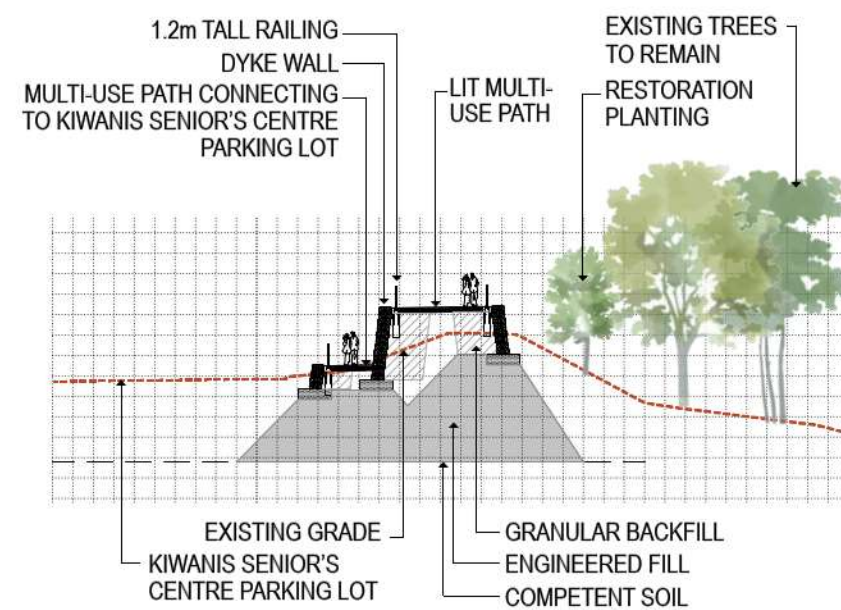
Sections - Riverside Park



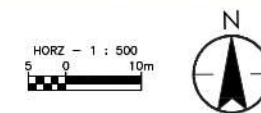
SECTION 'D'



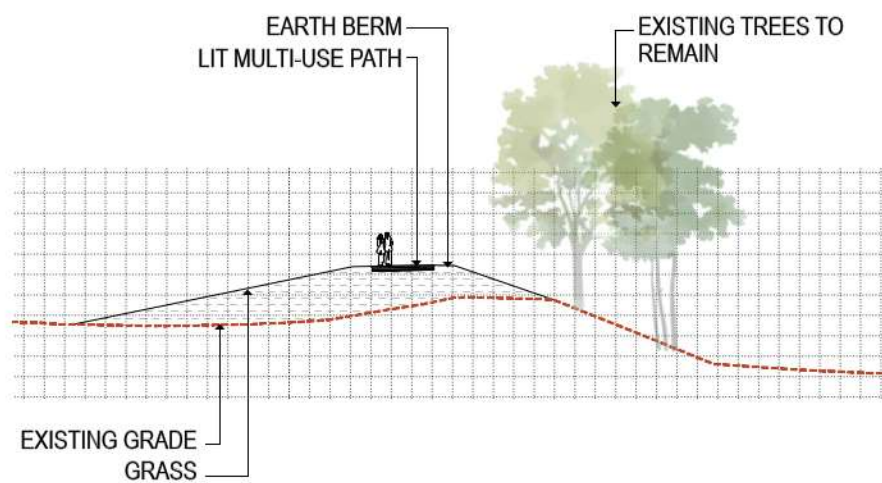
SECTION 'E'



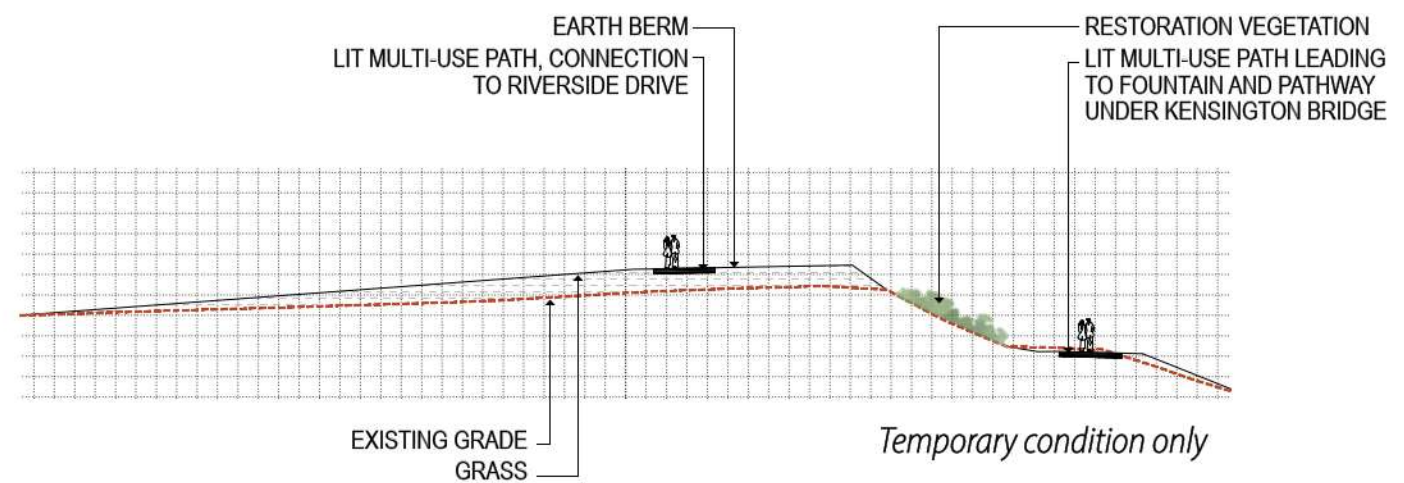
Sections - Mitchell A. Baran Park



SECTION 'F'



SECTION 'G'



Stay Informed

Staying Informed

For ongoing information on project status, construction activities, Thames Valley Parkway detours, park amenity closures, etc., please refer to the City of London **'Get Involved'** website:

<https://getinvolved.london.ca/westlondondyke>

Who's Listening - City of London

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Who's Listening - UTRCA

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Thank you for joining us



Stantec



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