



# Jarvis Downtown Street Tree Planting

Site Inventory & Analysis and Preliminary Design Drawings

Jarvis, ON

August 2025









# Preliminary Design

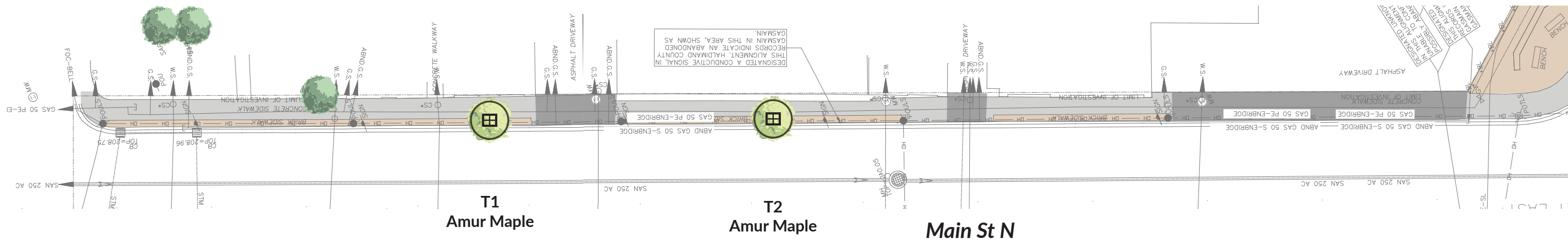
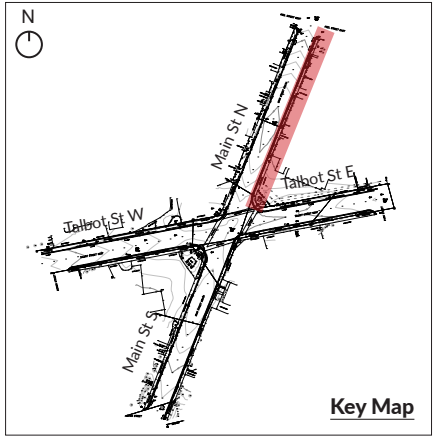


# Main Street, East Side - A Preliminary Design

The number of existing trees: 0  
 The number of proposed street trees: 2  
 The total number of street trees: 2  
 Length of street segment: 130 m

## Legend










-  Ex. Tree Pit to be Removed
-  Ex. County Tree and Pit to Remain
-  Ex. County Tree to Remain with Ex./Upgraded Pit
-  Ex. County Tree and Pit to be Removed
-  Ex. County Tree to be Replaced with Ex./Upgraded Pit
-  Proposed Tree
-  Proposed Tree with New Pit
-  Proposed Tree with Ex./Upgraded Pit

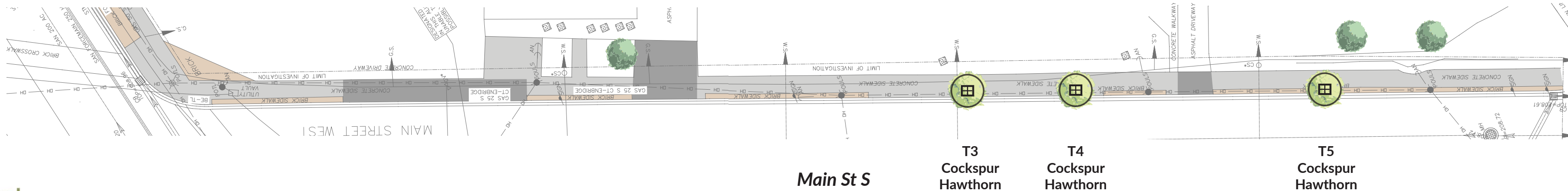
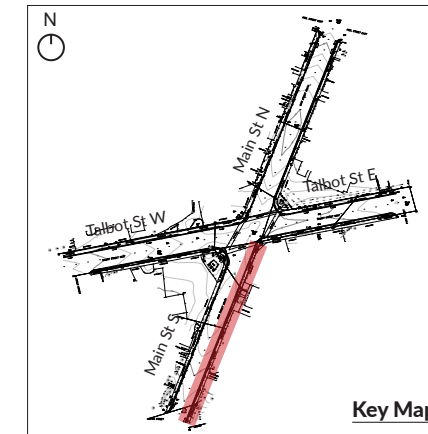


# Main Street, East Side - B Preliminary Design

The number of existing trees: 0  
 The number of proposed street trees: 3  
 The total number of street trees: 3  
 Length of street segment: 150 m

## Legend








-  Ex. Tree Pit to be Removed
-  Ex. County Tree and Pit to be Removed
-  Proposed Tree
-  Ex. County Tree and Pit to Remain
-  Ex. County Tree to be Replaced with Ex./Upgraded Pit
-  Proposed Tree with New Pit
-  Ex. County Tree to Remain with Ex./Upgraded Pit
-  Ex. County Tree to be Replaced with Ex./Upgraded Pit
-  Proposed Tree with Ex./Upgraded Pit

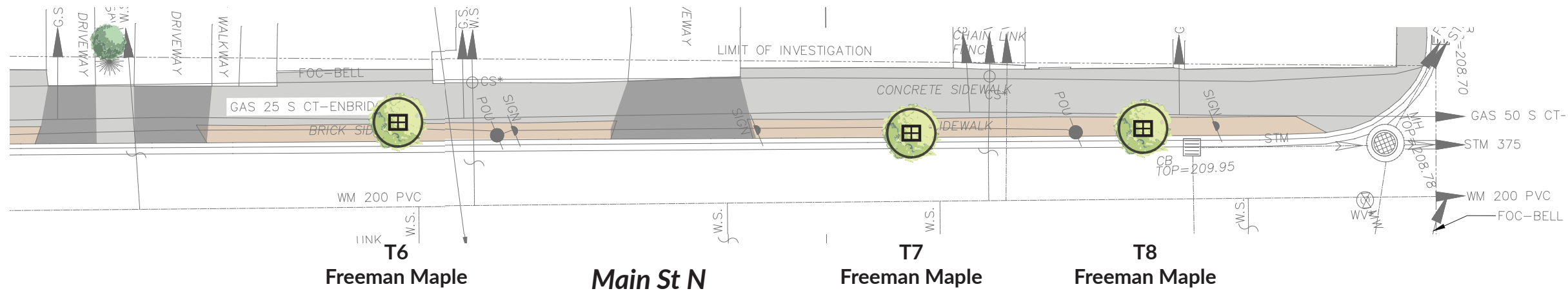


# Main Street, West Side - A Preliminary Design

The number of existing trees: 0  
 The number of proposed street trees: 3  
 The total number of street trees: 3  
 Length of street segment: 55 m

## Legend









-  Ex. Tree Pit to be Removed
-  Ex. County Tree and Pit to be Removed
-  Proposed Tree
-  Ex. County Tree and Pit to Remain
-  Ex. County Tree to be Replaced with Ex./Upgraded Pit
-  Proposed Tree with New Pit
-  Proposed Tree with Ex./Upgraded Pit

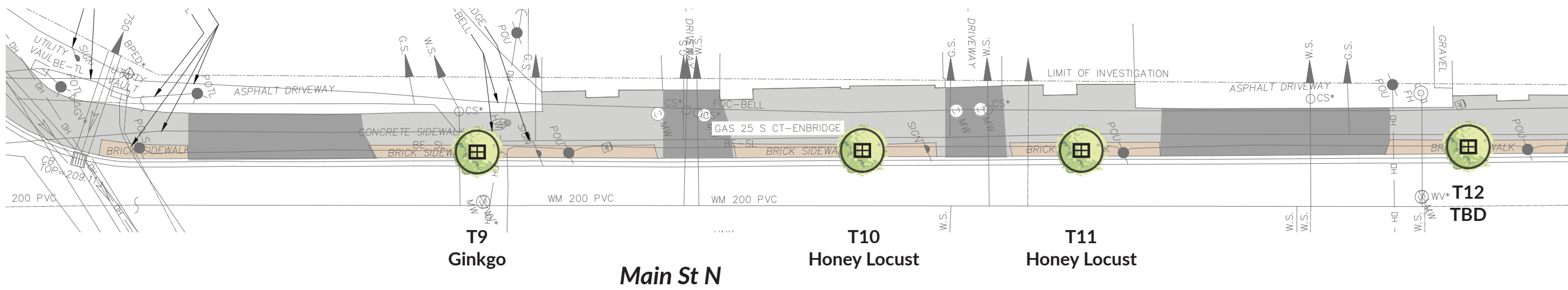
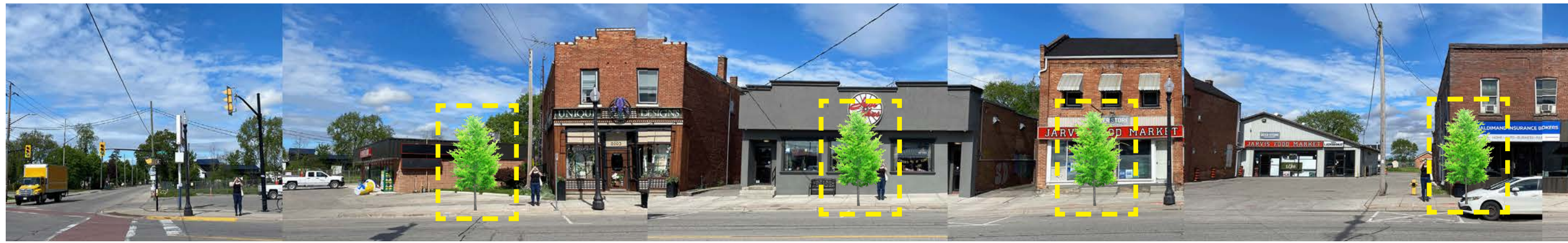


# Main Street, West Side - B Preliminary Design

The number of existing trees: 0  
 The number of proposed street trees: 4  
 The total number of street trees: 4  
 Length of street segment: 125 m

## Legend









-  Ex. Tree Pit to be Removed
-  Ex. County Tree and Pit to Remain
-  Ex. County Tree to Remain with Ex./Upgraded Pit
-  Ex. County Tree and Pit to be Removed
-  Ex. County Tree to be Replaced with Ex./Upgraded Pit
-  Proposed Tree
-  Proposed Tree with New Pit
-  Proposed Tree with Ex./Upgraded Pit

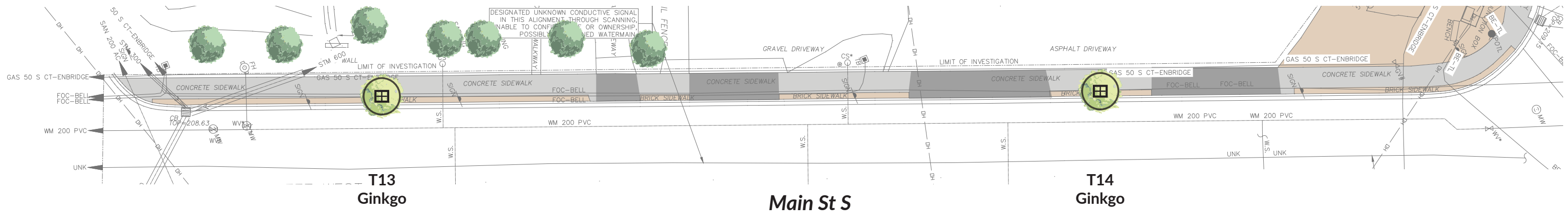
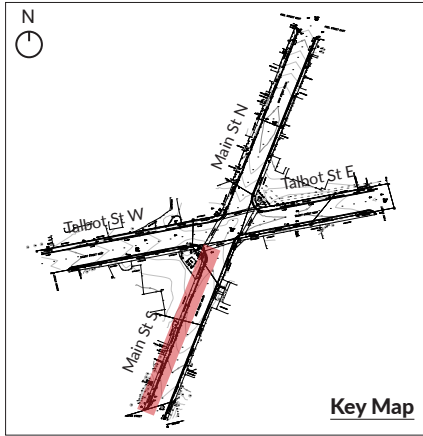


# Main Street, West Side - C Preliminary Design

The number of existing trees: 0  
 The number of proposed street trees: 2  
 The total number of street trees: 2  
 Length of street segment: 125 m

### Legend









-  Ex. Tree Pit to be Removed
-  Ex. County Tree and Pit to be Removed
-  Proposed Tree
-  Ex. County Tree and Pit to Remain
-  Proposed Tree with New Pit
-  Ex. County Tree to Remain with Ex./Upgraded Pit
-  Ex. County Tree to be Replaced with Ex./Upgraded Pit
-  Proposed Tree with Ex./Upgraded Pit

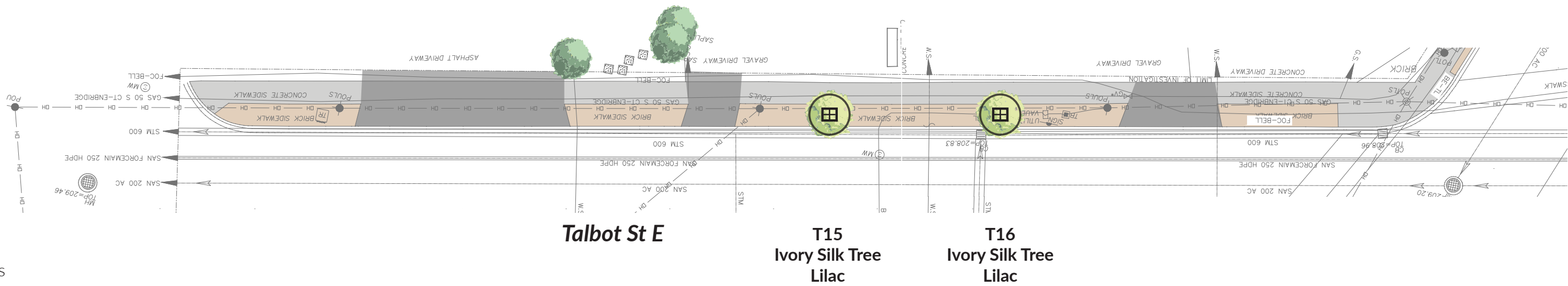
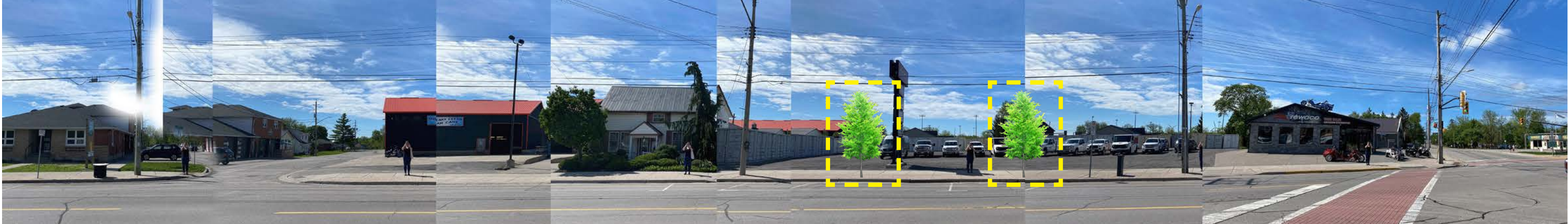


# Talbot Street, East Side - A Preliminary Design

The number of existing trees: 0  
 The number of proposed street trees: 2  
 The total number of street trees: 2  
 Length of street segment: 120 m

### Legend








-  Ex. Tree Pit to be Removed
-  Ex. County Tree and Pit to Remain
-  Ex. County Tree to Remain with Ex./Upgraded Pit
-  Ex. County Tree and Pit to be Removed
-  Ex. County Tree to be Replaced with Ex./Upgraded Pit
-  Proposed Tree
-  Proposed Tree with New Pit
-  Proposed Tree with Ex./Upgraded Pit

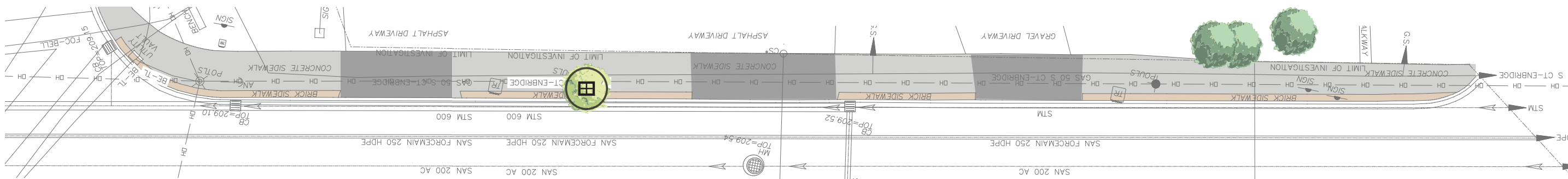
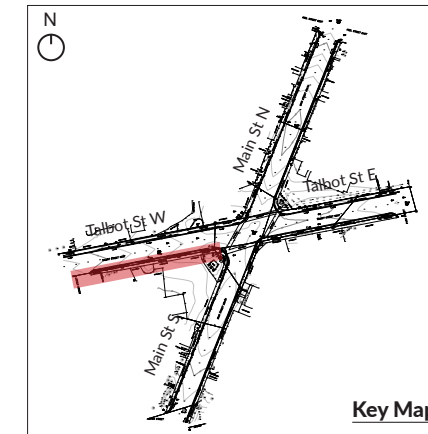


# Talbot Street, East Side - B Preliminary Design

The number of existing trees: 0  
 The number of proposed street trees: 1  
 The total number of street trees: 1  
 Length of street segment: 120 m

## Legend

-  Ex. Tree Pit to be Removed
-  Ex. County Tree and Pit to be Removed
-  Proposed Tree
-  Ex. County Tree and Pit to Remain
-  Ex. County Tree to be Replaced with Ex./Upgraded Pit
-  Proposed Tree with New Pit
-  Proposed Tree with Ex./Upgraded Pit










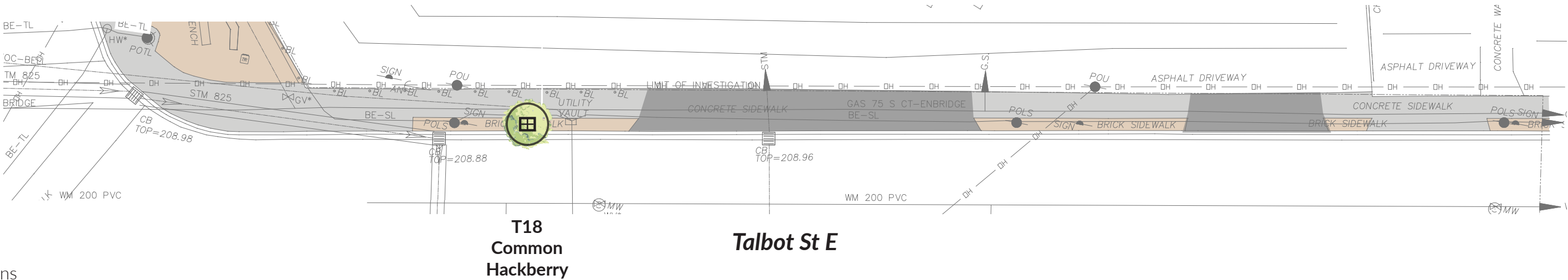
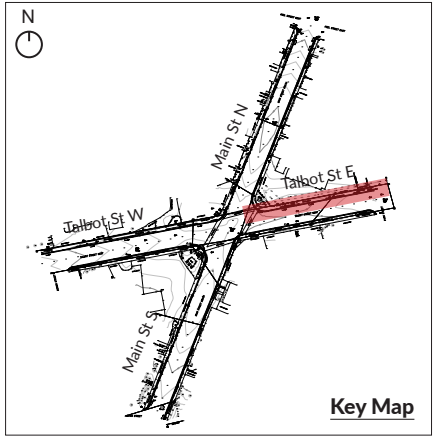
**T17**  
 Ivory Silk Tree  
 Lilac  
**Talbot St W**

# Talbot Street, West Side - A Preliminary Design

The number of existing trees: 0  
 The number of proposed street trees: 1  
 The total number of street trees: 1  
 Length of street segment: 120 m

### Legend








-  Ex. Tree Pit to be Removed
-  Ex. County Tree and Pit to be Removed
-  Proposed Tree
-  Ex. County Tree and Pit to Remain
-  Ex. County Tree to be Replaced with Ex./Upgraded Pit
-  Proposed Tree with New Pit
-  Proposed Tree with Ex./Upgraded Pit

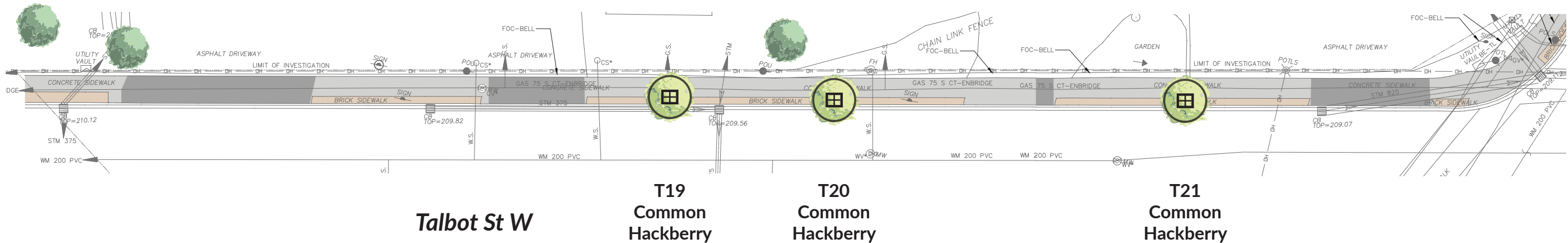
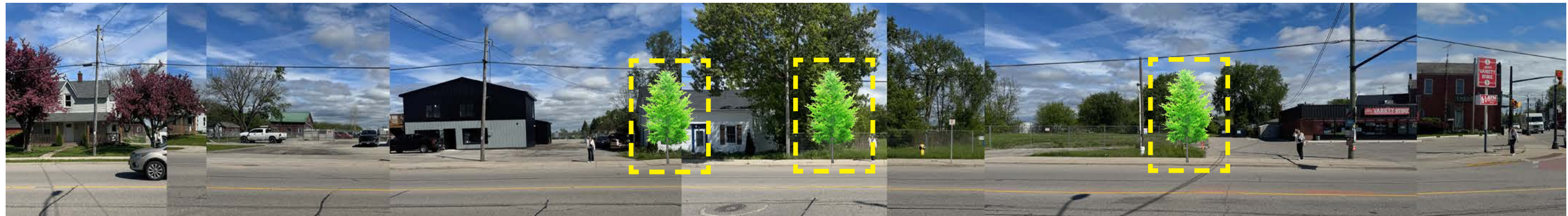


# Talbot Street, West Side - B Preliminary Design

The number of existing trees: 0  
 The number of proposed street trees: 3  
 The total number of street trees: 3  
 Length of street segment: 120 m

## Legend

-  Ex. Tree Pit to be Removed
-  Ex. County Tree and Pit to be Removed
-  Proposed Tree
-  Ex. County Tree and Pit to Remain
-  Ex. County Tree to be Replaced with Ex./Upgraded Pit
-  Proposed Tree with New Pit
-  Proposed Tree with Ex./Upgraded Pit



# Summary

- 0 Existing Trees in Total
- 0 Existing Trees (to Remain) in Total
- 21 New Trees in Total
- 21 Trees (Including Existing and New Trees) in Total

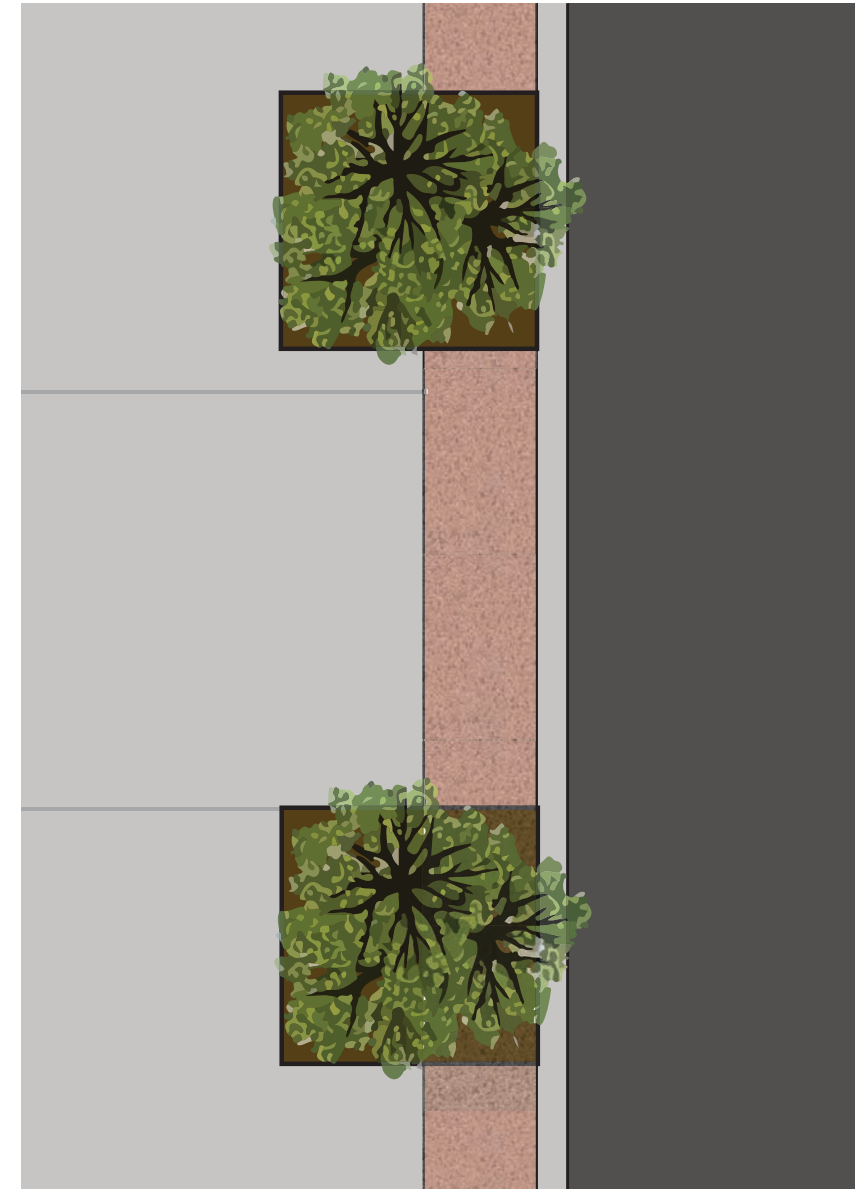


## Sidewalk and Utility Strip Space

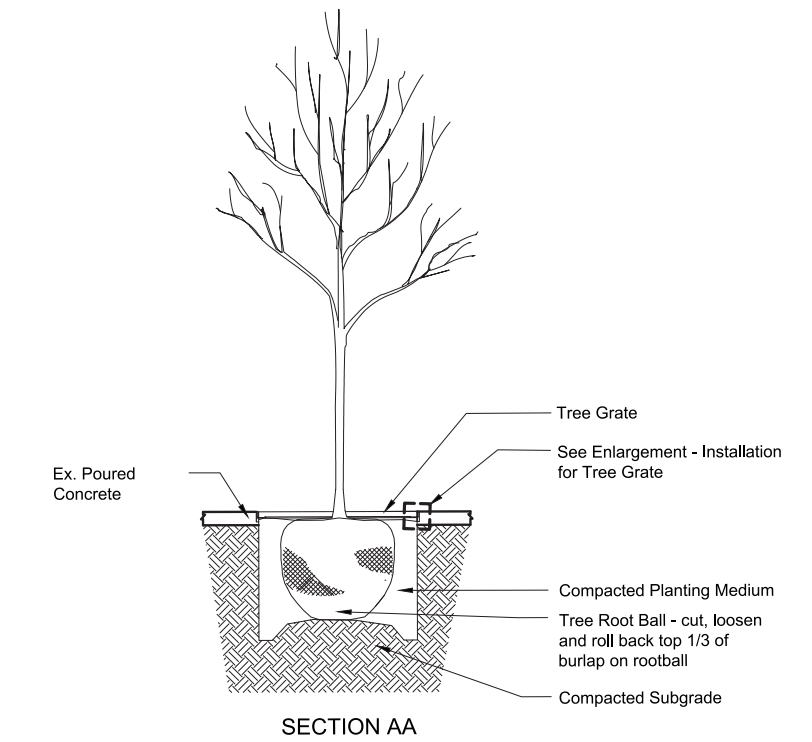
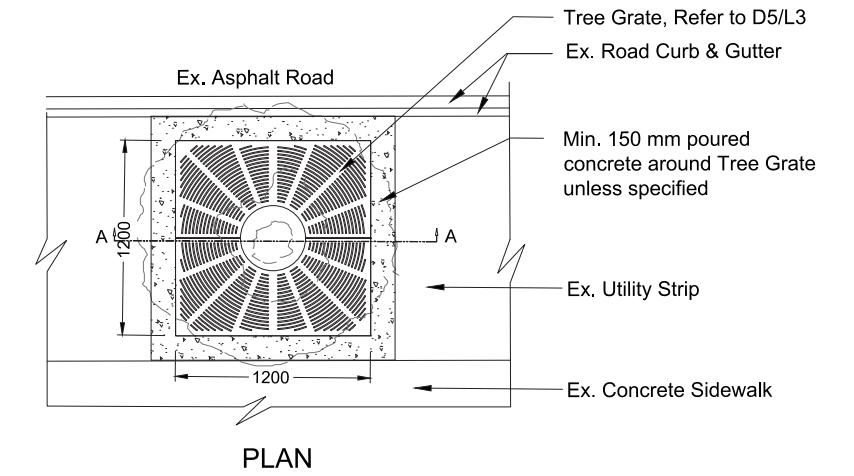
Sidewalk and Utility Strip widths vary along both sides of Talbot Street and Main Street.

Sidewalk widths vary between 1.5m and 3.0m with 3.2m being the max. length found. The Utility Strip width varies between 0.40-0.60m along parts of Talbot Street and Main Street.

Any Proposed Trees and Grates are recommended to be installed flush with the back of the curb to reduce their encroachment into the travelled portion of the sidewalk walk.



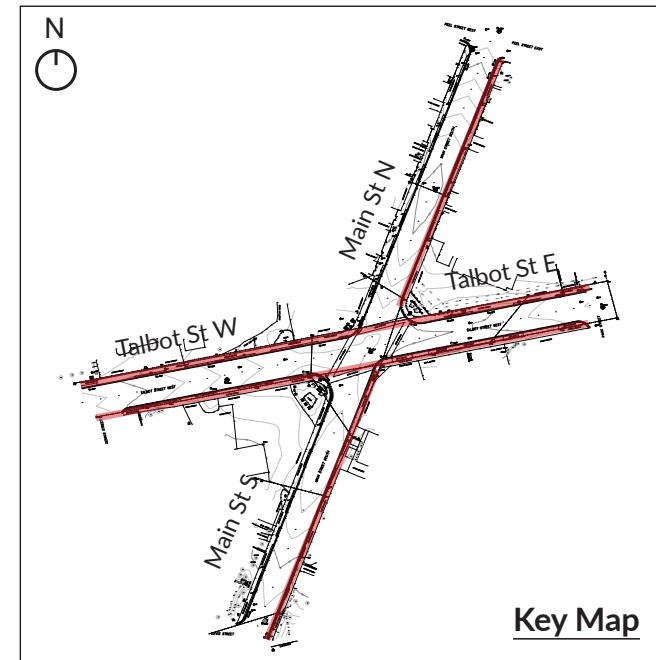
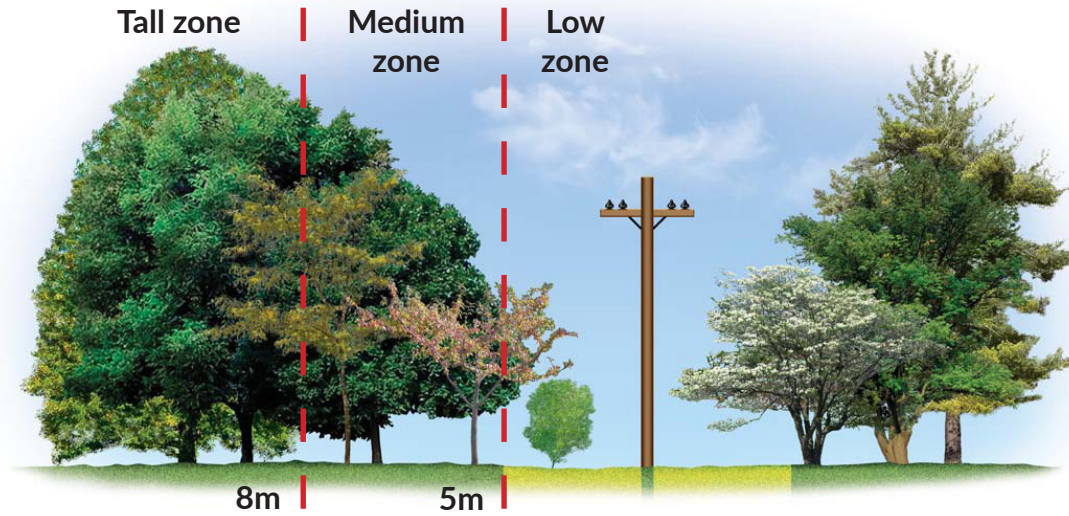
Sidewalk      Utility Strip      Curb and Roadway



## Overhead Power Lines

Overhead Power Lines run along the East sides of Main Street North and Main Street South. They also run along the East and West sides of Talbot Street East and West.

The Power lines are about 14-18 ft high directly over the existing Utility Strip(s) and Sidewalks.



### Tall zone

The best place to plant tall-growing trees is at least 8 m away from overhead power lines. Tall-growing trees include Colorado spruce, white pine and sugar maple.

### Medium zone

The medium zone is from 5 - 8 m on either side of the distribution lines. Plants in this area should not exceed 8 m at maximum height. Medium zone trees include serviceberry, ornamental pear and white cedar.

### Low zone

The low zone is directly under the power lines and extends 5 m on either side of the lines. Plants in this area should not exceed 6 m at maximum height. It is suggested that a 5 m radius around distribution poles be clear of vegetation. Plants in this area obstruct maintenance work and emergency restoration efforts.

*Hydro One Recommendations, 2024*

**Due to limited Sidewalk and Utility strip space on the West sides of Main Street South and Main Street North as well as the North sides of King Street West and King Street East, any proposed trees along these sides must be from the Low zone recommended list of trees if the County would like trees planted on these sides.**

## Suitable Trees for the Low Zone



### Amur Maple (*Acer ginnala*)

Height: 6m  
Spread: 2m

Tolerates poor soil conditions, brilliant red foliage in the fall



### Shubert Chokecherry (*Prunus virginiana* 'Shubert')

Height: 9m  
Spread: 6m

Tolerates low fertility soils and dry sites, service life of 10 to 20 years



### Flowering Crab (*Malus sp.*)

Height: 5.5m  
Spread: 5m

Tolerates many soil types, some cultivars are susceptible to fireblight



### Cockspur Hawthorn (*Crataegus crus-galli*)

Height: 6m  
Spread: 4m

Can thrive in urban and disturbed soils, compacted areas, and locations with variable drainage.

*There is a thornless variety called *Crataegus crus-galli* var. *inermis*, which has the same form and beauty but without the sharp thorns—making it more suitable for public or residential spaces.*



### Japanese Tree Lilac (*Syringa reticulata*)

Height: 4.5 to 6m  
Spread: 3m

Prefers well drained soils, susceptible to powdery mildew, but much less than common lilac

*Hydro One Tree Recommendations, 2024*