

Welcome

Virtual Presentation

Reconstruction Project

Second Avenue

Kingsway Drive to Connaught Street

March 2023

Posted On-Line

KITCHENER

Project Information

Reconstruction Project

Second Avenue – Kingsway Drive to Connaught Street

Purpose of the Meeting:	To present for public comment and input, the proposed reconstruction details.
Project Description:	The existing storm and sanitary sewers, watermains, as well as service connections, curbs, sidewalk, and the road structure will be replaced.
Project Funding:	This project is funded by the ratepayers of Kitchener.
Construction Schedule:	Construction is anticipated to begin in April 2023 with paving complete by September 2023.
Contractor:	J. Weber Contracting Ltd.
Project Management:	City of Kitchener Development Services Department, Engineering Services Division.
Personnel to Contact:	Should you have any questions or comments about this project and wish to speak with someone personally, you may call: Licinio Costa, C.E.T., 519-741-2200 ext.7132, Licinio.Costa@kitchener.ca Steve Collie, P.Eng., 519-650-8665, Stephen.Collie@aec.com

Project Highlights

Second Avenue (Kingsway Drive to Connaught Street)

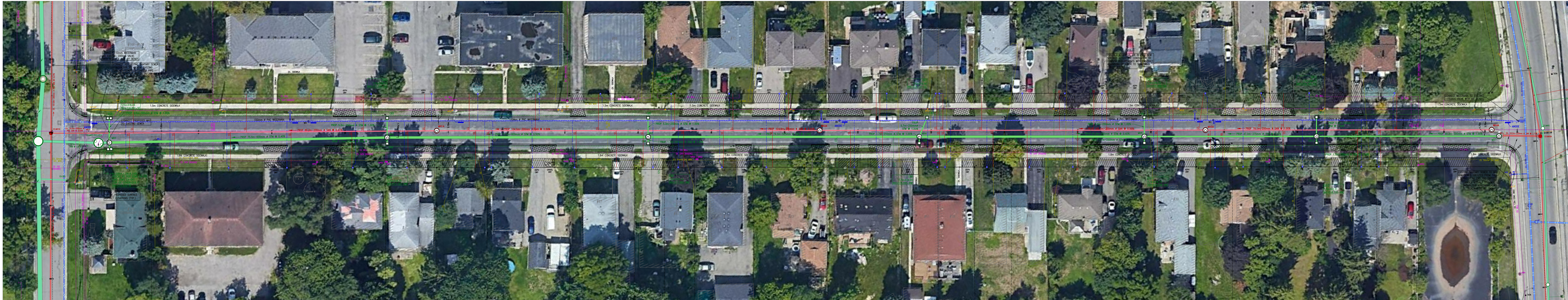
- Overview of work:
 - Complete Reconstruction of Second Avenue including new curbs, sidewalks, asphalt roadway, sanitary sewer and services, watermain and services and storm sewer.
- Proposed changes from existing roadway:
 - The City is proposing some elements of the Complete Street approach including a narrower roadway and a wider sidewalk on the east side of the street.
 - The roadway asphalt width will be reduced from 9.0m to 7.0m. Parking will be allowed as it is currently allowed on the street.
 - The width of the sidewalk on the east side of the street will be increased from the existing width of 1.5m to 1.8m.

The next slides will illustrate the identified changes

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SECOND AVENUE

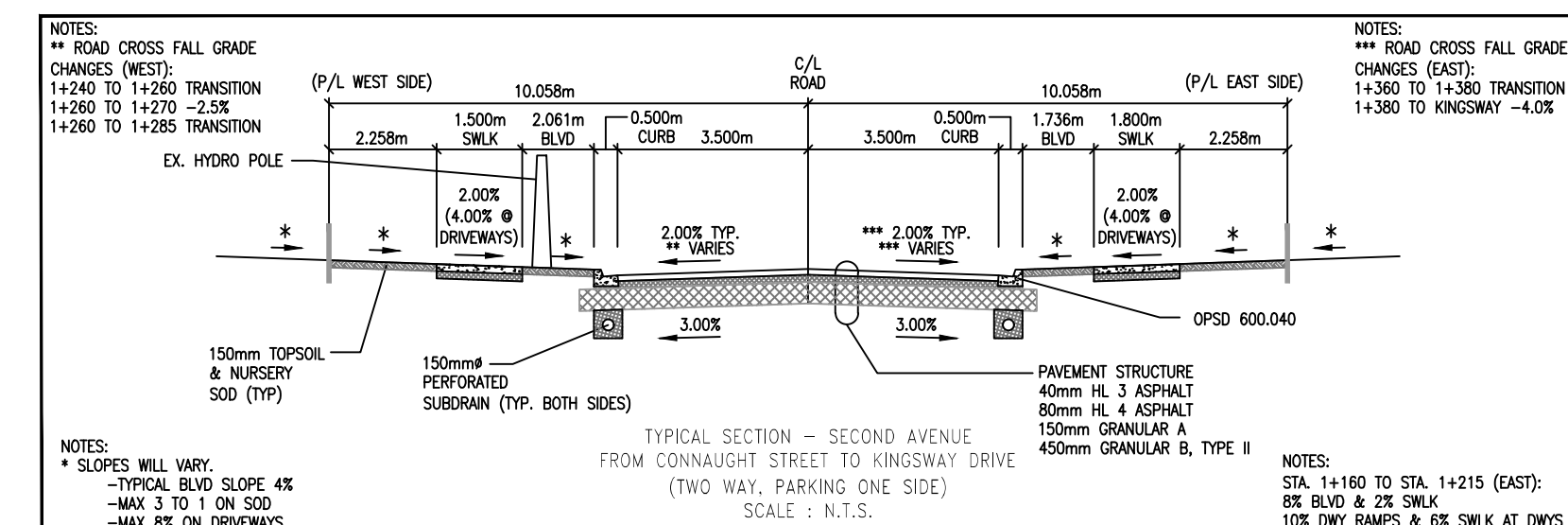
PROPOSED CONDITIONS



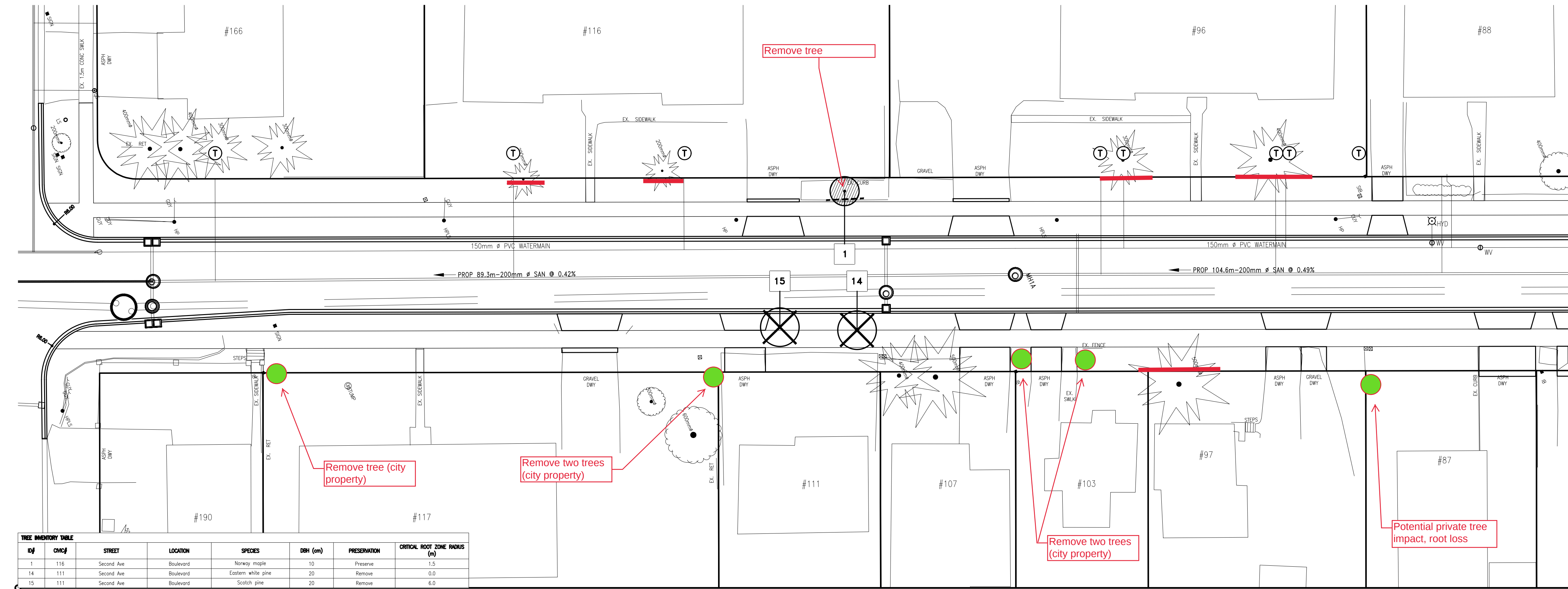
SECOND AVENUE



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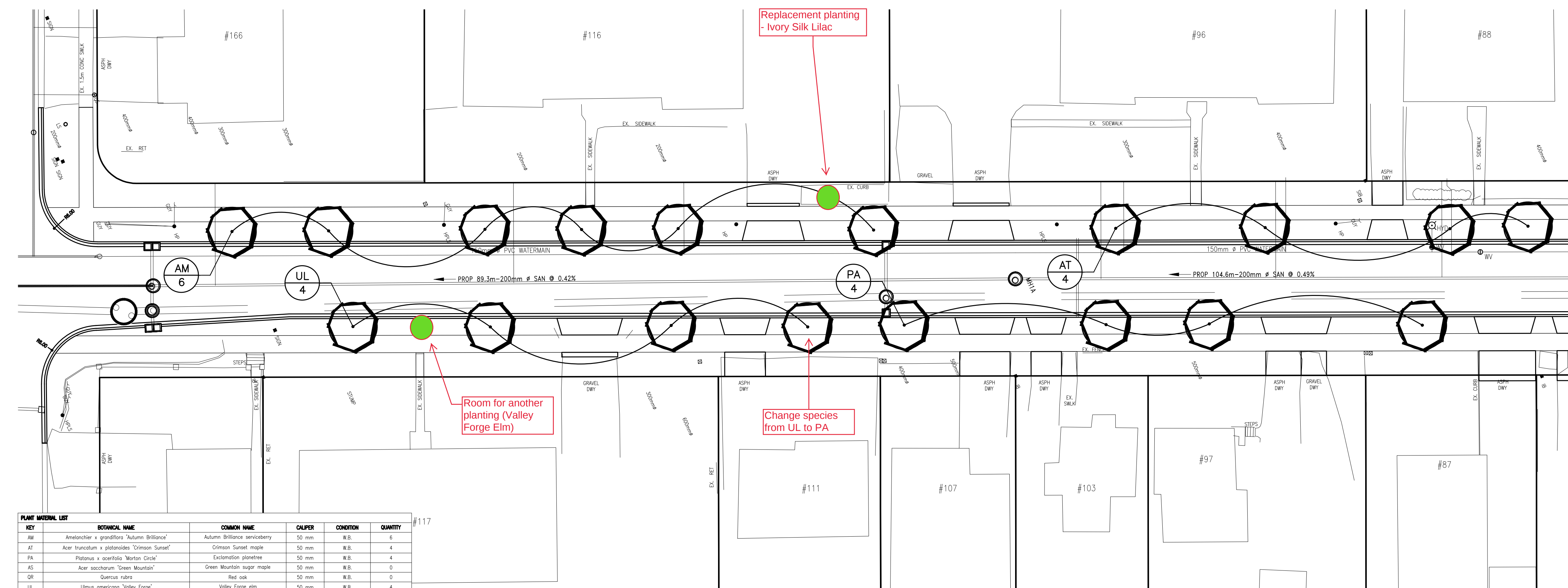


- true NORTH
- LEGEND
- APPROXIMATE LIMIT OF RESTORATION
 - PROPOSED ASPHALT DRIVEWAY
 - PROPOSED BRICK DRIVEWAY
 - PROPOSED CONCRETE DRIVEWAY
 - PROPOSED CONCRETE SIDEWALK
 - EXISTING VEGETATION
 - EXISTING WATERMAIN
 - EXISTING SANITARY SEWER
 - EXISTING STORM SEWER
 - PROPOSED WATERMAIN
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - PROPERTY LINE
 - EXISTING BUILDING
 - EXISTING HOUSE NUMBER



TREE INVENTORY TABLE						
ID	CHNG	STREET	LOCATION	SPECIES	DBH (cm)	CRITICAL ROOT ZONE RADIUS (m)
1	116	Second Ave	Boulevard	Norway maple	10	1.5
14	111	Second Ave	Boulevard	Eastern white pine	20	0.0
15	111	Second Ave	Boulevard	Scotch pine	20	0.0

SECOND AVE TREE MANAGEMENT



PLANT MATERIAL LIST					
KEY	BOTANICAL NAME	COMMON NAME	CALIPER	CONDITION	QUANTITY
AM	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance serviceberry	50 mm	W.B.	6
AT	Acer truncatum x platanoidea 'Crimson Sunset'	Crimson Sunset maple	50 mm	W.B.	4
PA	Platanus x acerifolia 'Morton Circle'	Excelsation platane	50 mm	W.B.	4
AS	Acer saccharum 'Green Mountain'	Green Mountain sugar maple	50 mm	W.B.	0
QR	Quercus rubra	Red oak	50 mm	W.B.	0
UL	Ulmus americana 'Valley Forge'	Valley Forge elm	50 mm	W.B.	4

SECOND AVE TREE PLANTING

constructionNORTH

trueNORTH

THE POSITION OF THE POLE LINES, CONDUITS, WATERMAINS, SEWERS, AND OTHER UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.

BEFORE STARTING WORK

THE CONTRACTOR SHALL CONFIRM THE POSITION AND EXACT LOCATION OF ALL SUCH UTILITIES, AND SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO THEM MADE DURING THE COURSE OF THE CONTRACT WORK.

LEGEND:

- TREE TO REMAIN
- CANOPY
- CRITICAL ROOT ZONE (CRZ)
- SIGNIFICANT TREE TO REMAIN
- TREE REMOVAL
- STUMP TO BE REMOVED
- PROPOSED TREE PLANTING
- TREE PROTECTION FENCING
- PROPOSED SANITARY AND/OR WATER SERVICES TO BE INSTALLED USING TRENCHLESS METHOD
- TREE IDENTIFICATION NUMBER
- TPZ - Tree Protection Zone
- RHCZ - Root Habitat Conservation Zone

TREES / STUMPS IDENTIFIED FOR REMOVAL ON THIS PLAN ARE TO BE REMOVED BY CONTRACTOR UNLESS NOTED ON DRAWING. SPECIAL CONDITIONS MAY APPLY FOR TREES ADJACENT TO HYDRO LINES.

TOPSOIL AND GRASS WITHIN TREE PROTECTION ZONES TO REMAIN

SURVEY

TOPOGRAPHIC SURVEY COMPLETED BY AECOM DECEMBER 2016.

BENCHMARK

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NO.	REVISION	BY	DATE

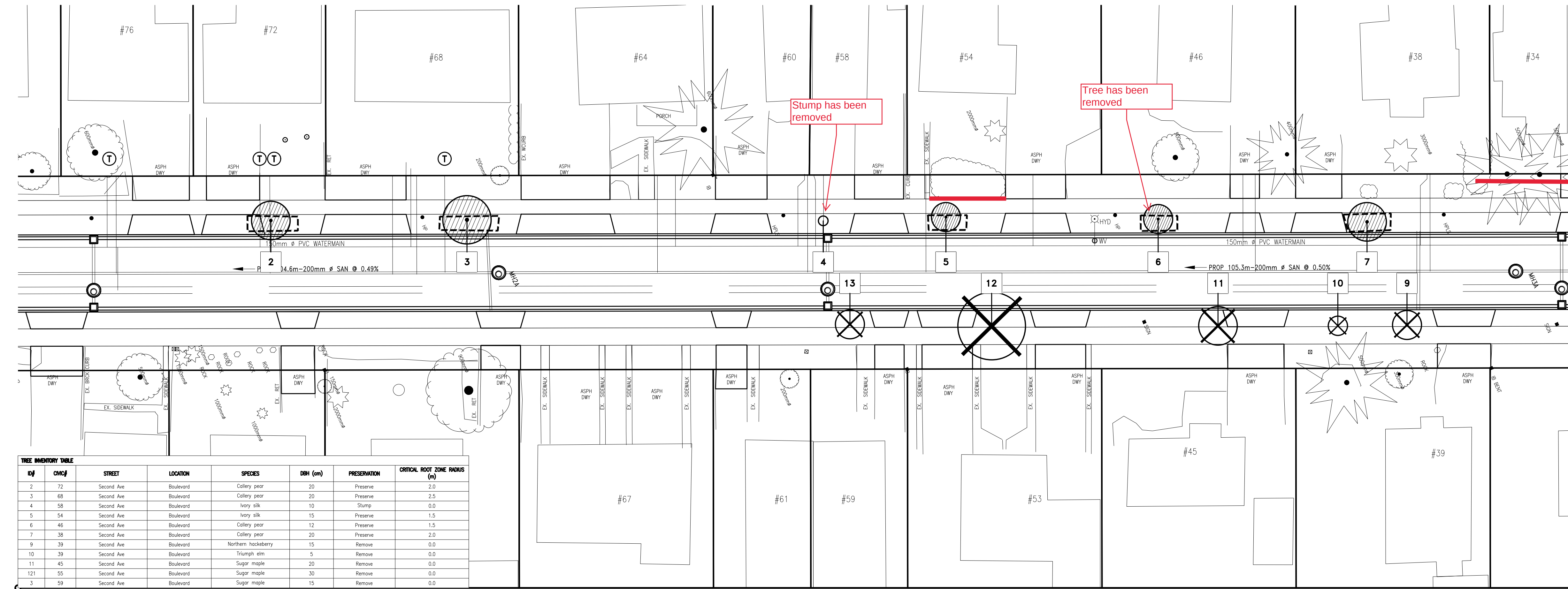
Infrastructure Services
Parks & Cemeteries
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**SECOND AVE
ROAD RECONSTRUCTION 2021**

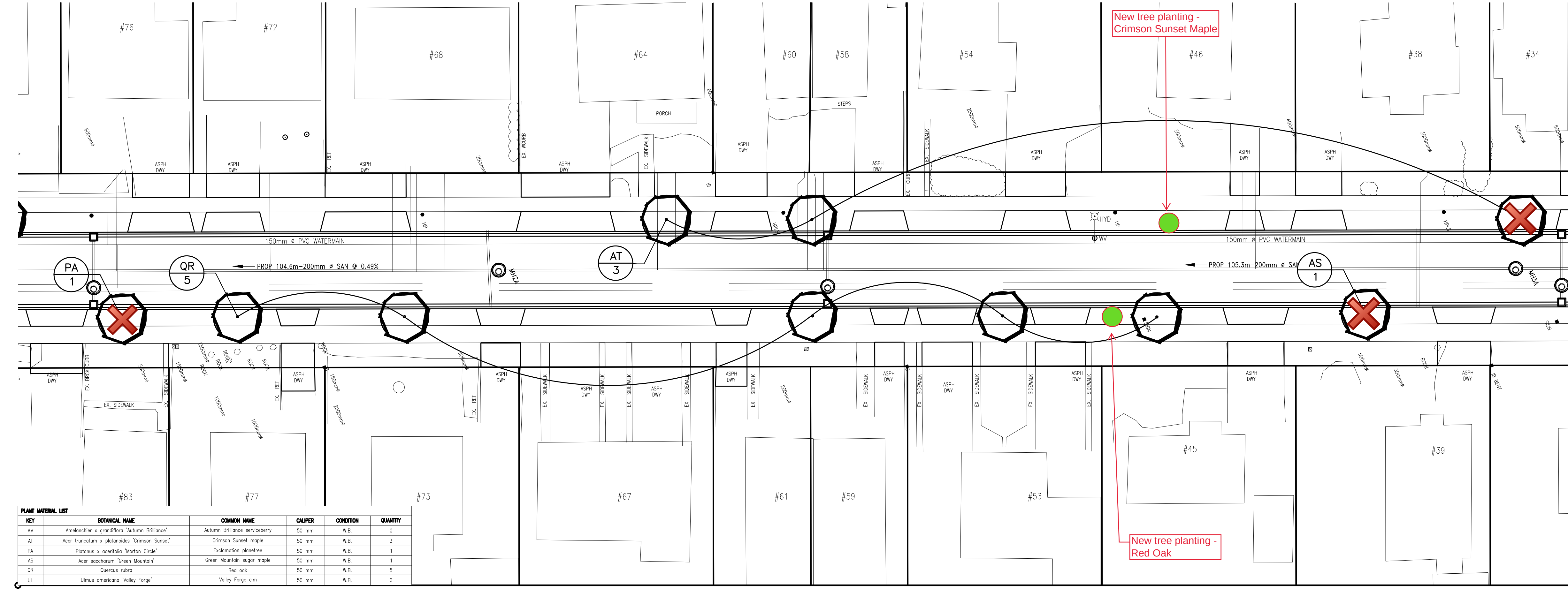
TREE MANAGEMENT PLAN

CHECKED BY: L. BUTTON	DRAWN BY: L. BUTTON
DATE: NOV 2020	SCALE: 1:250
DESIGN BY: N/A	DWG. No. TM-1



TREE INVENTORY TABLE						
ID	CMQ	STREET	LOCATION	SPECIES	DBH (mm)	PRESERVATION
2	72	Second Ave	Boulevard	Colony pear	20	Preserve
3	68	Second Ave	Boulevard	Colony pear	20	Preserve
4	58	Second Ave	Boulevard	lively sile	10	Stump
5	54	Second Ave	Boulevard	lively sile	15	Preserve
6	46	Second Ave	Boulevard	Colony pear	12	Preserve
7	38	Second Ave	Boulevard	Colony pear	20	Preserve
9	39	Second Ave	Boulevard	Northern hockberry	15	Remove
10	39	Second Ave	Boulevard	Triumph elm	5	Remove
11	45	Second Ave	Boulevard	Sugar maple	20	Remove
121	55	Second Ave	Boulevard	Sugar maple	30	Remove
3	59	Second Ave	Boulevard	Sugar maple	15	Remove

SECOND AVE TREE MANAGEMENT



PLANT MATERIAL LIST					
KEY	BOTANICAL NAME	COMMON NAME	CALIPER	CONDITION	QUANTITY
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AT	Acer truncatum x platanoidea 'Crimson Sunset'	Crimson Sunset maple	50 mm	W.B.	3
PA	Platanus x acerifolia 'Worton Circle'	Excelsior platane	50 mm	W.B.	1
AS	Acer saccharum 'Green Mountain'	Green Mountain sugar maple	50 mm	W.B.	1
QR	Quercus rubra	Red oak	50 mm	W.B.	5
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SECOND AVE TREE PLANTING

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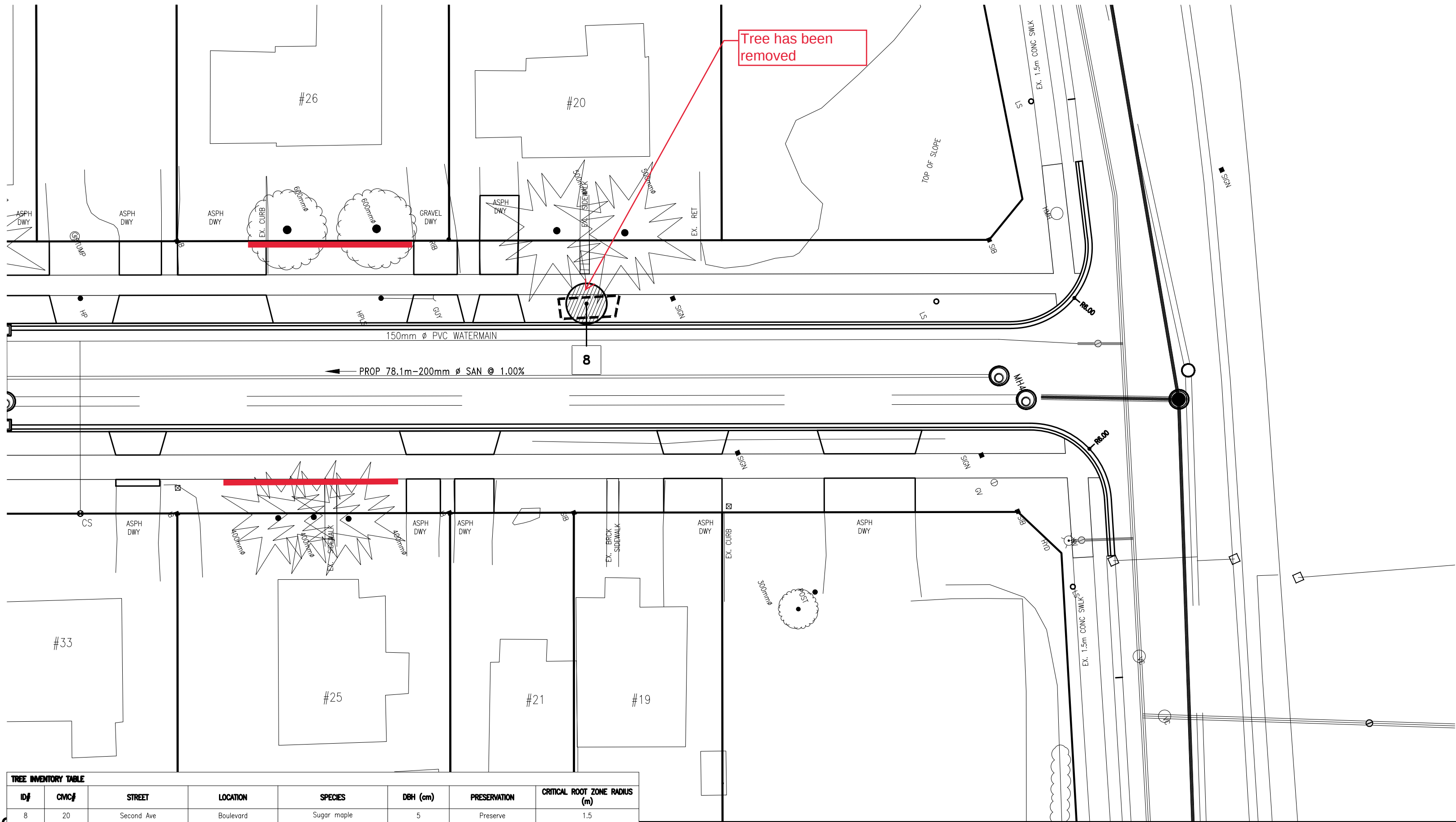
Infrastructure Services
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SECOND AVE
ROAD RECONSTRUCTION 2021

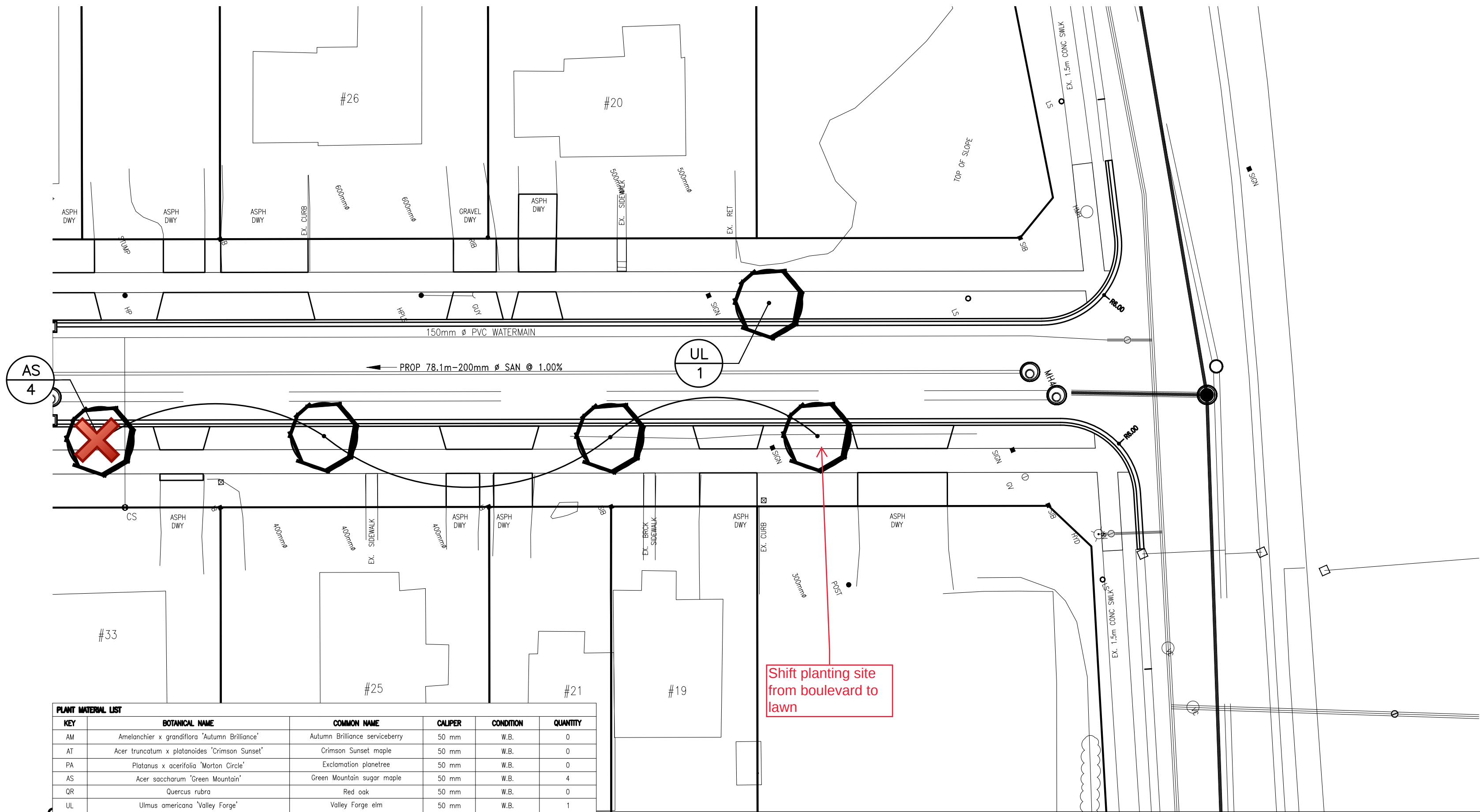
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CHECKED BY: L. BUTTON	DRAWN BY: L. BUTTON
	DATE: NOV 2020
	SCALE: 1:250
	DESIGN BY: N/A
CONSULTANT DWG. No.	SHEET No.

TM-2



SECOND AVE TREE MANAGEMENT



SECOND AVE TREE PLANTING

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Infrastructure Services
Parks & Cemeteries
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**SECOND AVE
ROAD RECONSTRUCTION 2021**

TREE MANAGEMENT PLAN

CONSULTANT DWG. No.	CHECKED BY: L. BUTTON	DRAWN BY: L. BUTTON
	DATE: NOV 2020	
SHEET No.	SCALE: 1:250	
	DESIGN BY: N/A	

DWG. No.
TM-3

Questions?

Personnel to Contact:

Should you have any questions or comments about this project and wish to speak with someone personally, you may call:

Licínio Costa, C.E.T.

519-741-2200 ext.7132,

Licinio.Costa@kitchener.ca

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