

EXISTING TREE LIST

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	OWNERSHIP	COMMENTS
1	1	<i>Acer platanoides</i>	Norway Maple	160mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
2	1	<i>Acer saccharum</i>	Sugar Maple	140mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
3	1	<i>Acer platanoides</i>	Norway Maple	220mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
4	1	<i>Acer platanoides</i>	Norway Maple	260mm DBH	FAIR	To remain	415 West Hunt Club	60% canopy
5	1	<i>Quercus rubra</i>	Red Oak	140mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
6	1	<i>Tilia americana</i>	Basswood	370mm DBH	GOOD	To remain	City of Ottawa	100% canopy
7	1	<i>Quercus rubra</i>	Red Oak	220mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
8	1	<i>Tilia americana</i>	Basswood	330mm DBH	GOOD	To remain	City of Ottawa	100% canopy
9	1	<i>Picea pungens</i>	Colorado Spruce	250mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
10	1	<i>Tilia americana</i>	Basswood	320mm DBH	GOOD	To remain	City of Ottawa	100% canopy
11	1	<i>Picea pungens</i>	Colorado Spruce	250mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
12	1	<i>Acer saccharum</i>	Sugar Maple	170mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
13	1	<i>Tilia americana</i>	Basswood	330mm DBH	GOOD	To remain	City of Ottawa	100% canopy
14	1	<i>Acer saccharum</i>	Sugar Maple	160mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
15	1	<i>Acer saccharum</i>	Honey Locust	140mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
16	1	<i>Picea pungens</i>	Colorado Spruce	260mm DBH	GOOD	To be removed	City of Ottawa	100% canopy
17	1	<i>Picea pungens</i>	Colorado Spruce	100mm DBH	GOOD	To be removed	City of Ottawa	100% canopy
18	1	<i>Pinus nigra</i>	Austrian Pine	400mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
19	1	<i>Pinus nigra</i>	Austrian Pine	220mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
20	1	<i>Quercus rubra</i>	Red Oak	160mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
21	1	<i>Quercus rubra</i>	Red Oak	160mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
22	1	<i>Picea glauca</i>	White Spruce	200mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
23	1	<i>Picea glauca</i>	White Spruce	200mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
24	1	<i>Picea glauca</i>	White Spruce	200mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
25	1	<i>Picea pungens</i>	Colorado Spruce	200mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
26	1	<i>Pinus nigra</i>	Austrian Pine	280mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
27	1	<i>Pinus nigra</i>	Austrian Pine	200mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
28	1	<i>Tilia americana</i>	Basswood	330mm DBH	GOOD	To be removed	City of Ottawa	100% canopy
29	1	<i>Tilia americana</i>	Basswood	310mm DBH	GOOD	To be removed	City of Ottawa	100% canopy
30	1	<i>Pinus nigra</i>	Austrian Pine	220mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
31	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
32	1	<i>Picea pungens</i>	Colorado Spruce	320mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
33	1	<i>Pinus nigra</i>	Austrian Pine	260mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
34	1	<i>Pinus nigra</i>	Austrian Pine	190mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
35	1	<i>Pinus nigra</i>	Austrian Pine	260mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
36	1	<i>Pinus nigra</i>	Austrian Pine	200mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
37	1	<i>Pinus nigra</i>	Austrian Pine	200mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
38	1	<i>Pinus nigra</i>	Austrian Pine	200mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
39	1	<i>Pinus nigra</i>	Austrian Pine	170mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
40	1	<i>Pinus nigra</i>	Austrian Pine	210mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
41	1	<i>Picea pungens</i>	Colorado Spruce	200mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
42	1	<i>Picea pungens</i>	Colorado Spruce	200mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
43	1	<i>Pinus nigra</i>	Austrian Pine	200mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
44	1	<i>Picea pungens</i>	Colorado Spruce	200mm DBH	GOOD	To remain	Jointly owned	100% canopy
45	1	<i>Picea pungens</i>	Colorado Spruce	250mm DBH	GOOD	To be removed	City of Ottawa	100% canopy
46	1	<i>Picea pungens</i>	Colorado Spruce	350mm DBH	GOOD	To remain	City of Ottawa	100% canopy
47	1	<i>Picea pungens</i>	Colorado Spruce	360mm DBH	GOOD	To remain	City of Ottawa	100% canopy
48	1	<i>Tilia americana</i>	Basswood	150mm DBH	GOOD	To remain	City of Ottawa	100% canopy
49	1	<i>Prunus virginiana 'Schubert'</i>	Schubert's Chokecherry	180mm DBH	GOOD	To remain	City of Ottawa	90% canopy-black knot fungus
50	1	<i>Acer platanoides</i>	Norway Maple	250mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
51	1	<i>Pinus nigra</i>	Austrian Pine	2x250mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
52	1	<i>Picea pungens</i>	Colorado Spruce	350mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
53	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
54	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
55	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
56	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
57	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
58	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
59	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
60	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
61	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
62	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
63	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
64	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
65	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
66	1	<i>Malus spp.</i>	Crabapple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
67	1	<i>Acer platanoides</i>	Norway Maple	240mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
68	1	<i>Acer platanoides</i>	Norway Maple	260mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
69	1	<i>Acer platanoides</i>	Norway Maple	240mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
70	1	<i>Acer platanoides</i>	Norway Maple	230mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
71	1	<i>Acer saccharum</i>	Sugar Maple	180mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
72	1	<i>Tilia americana</i>	Basswood	340mm DBH	GOOD	To remain	City of Ottawa	100% canopy
73	1	<i>Acer saccharum</i>	Sugar Maple	160mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
74	1	<i>Acer saccharum</i>	Sugar Maple	150mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
75	1	<i>Acer saccharum</i>	Sugar Maple	170mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
76	1	<i>Norway Maple</i>	Norway Maple	280mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
77	1	<i>Picea pungens</i>	Norway Maple	240mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
78	1	<i>Picea pungens</i>	Norway Maple	230mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
79	1	<i>Pinus nigra</i>	Norway Maple	240mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
80	1	<i>Pinus nigra</i>	Norway Maple	260mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
81	1	<i>Pinus nigra</i>	Norway Maple	240mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
82	1	<i>Prunus virginiana 'Schubert'</i>	Schubert's Chokecherry	230mm DBH	FAIR	To remain	415 West Hunt Club	80% canopy-black knot fungus
83	1	<i>Acer platanoides</i>	Norway Maple	250mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
84	1	<i>Quercus rubra</i>	Red Oak	150mm DBH	GOOD	To be removed	415 West Hunt Club	100% canopy
85	1	<i>Acer saccharum</i>	Sugar Maple	150mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
86	1	<i>Pinus nigra</i>	Austrian Pine	330mm DBH	GOOD	To remain	415 West Hunt Club	100% canopy
87	1	<i>Tilia americana</i>	Basswood	150mm DBH	GOOD	To remain	415 West Hunt Club	TBD when in leaf

CLIENT: **COSTCO WHOLESALE**

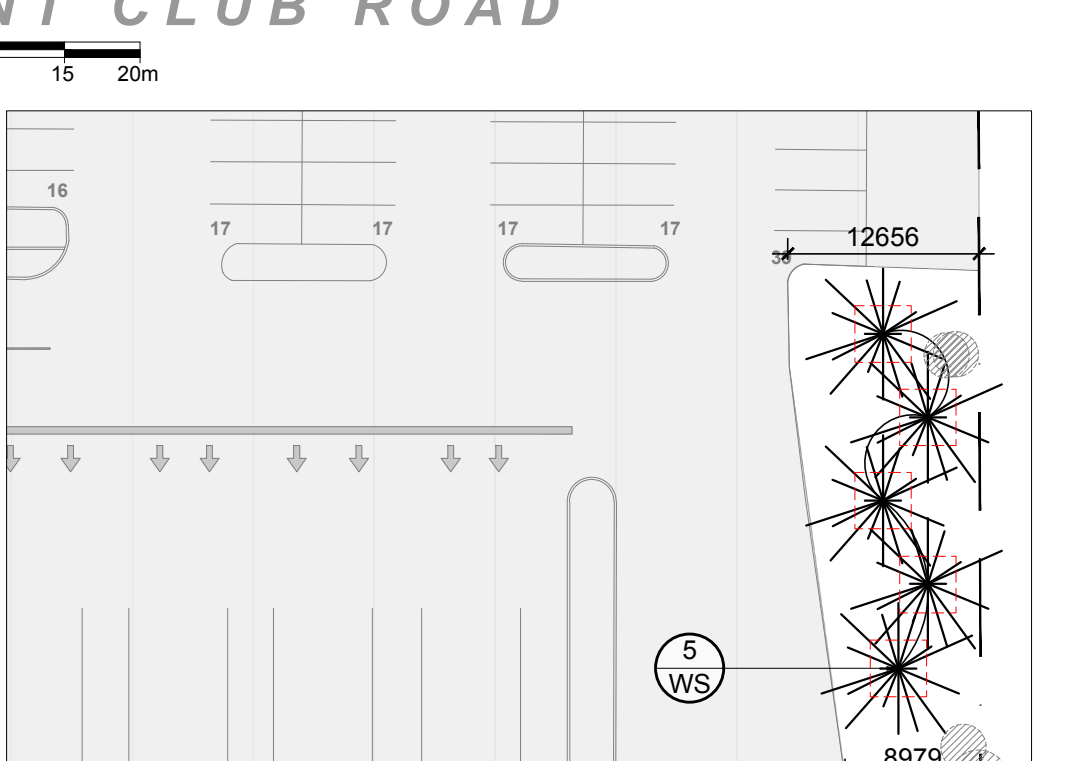
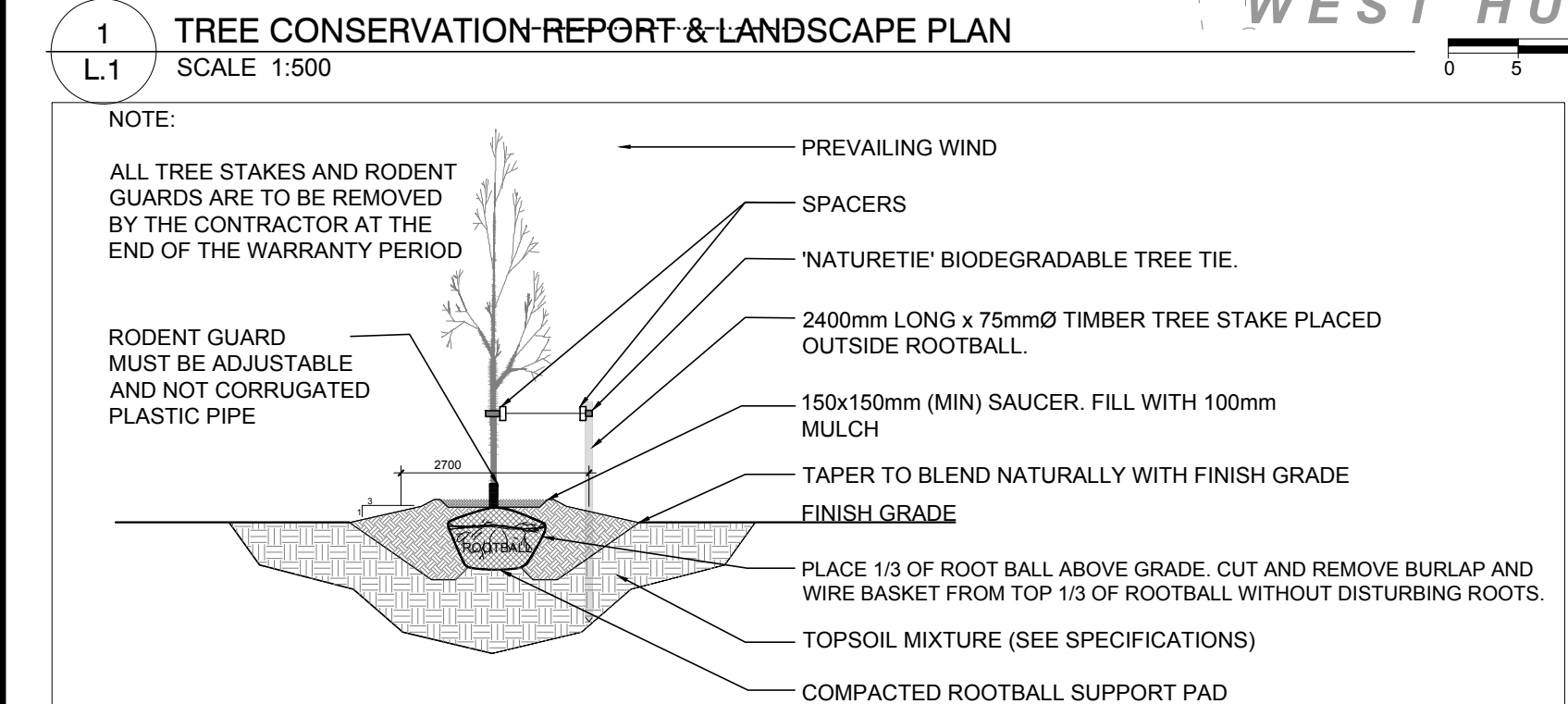
CONSULTANTS: **D2 concepts**
739 ROSEWOOD AVE, UNIT 201
OTTAWA, ONTARIO, K1V 6M8

LEGEND:

- EXTENT OF CRZ
- EXISTING TREE TO REMAIN
- EXISTING 123 ROYDON TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- 40 YEAR CANOPY PROJECTION PROPOSED DECIDUOUS TREE
- REQUIRED SOIL VOLUME (30m3 FOR LARGE TREES, 20m3 FOR SMALL TREES)
- 40 YEAR CANOPY PROJECTION PROPOSED CONIFEROUS TREE
- REQUIRED SOIL VOLUME (25m3 FOR LARGE CONIFEROUS TREE)
- PROPOSED SHRUBS
- TREE PROTECTION FENCE
- PROPOSED SOD
- PROPOSED SHADE TOLERANT ANNUALS BY OWNER
- PROPOSED PRECAST CONCRETE PAVERS
- PROPOSED 18 SPACE BIKE RACK
- PROPOSED BENCH

GENERAL NOTES:

- It is the responsibility of the appropriate contractor or official to report any errors, omissions or discrepancies on this plan with actual site conditions to the Landscape Architect before proceeding with construction.
- The contractor is to notify all utility companies and authorities prior to any excavation and ascertain locations of underground services.
- The contractor is to restore all areas and items damaged as a result of construction activity.
- The contractor is to comply with all pertinent codes and by-laws.
- The contractor is to maintain a positive surface run-off throughout the entire construction period.
- The Landscape Architect is not responsible for subsurface conditions.
- The contractor is to identify all existing trees to remain on site with the Landscape Architect prior to construction.
- The contractor is to stake the proposed location of all plant material in conjunction with the Landscape Architect prior to excavation.
- Minimum distances for selected deciduous trees are as follows:
 - Building Foundations 7.5m
 - Sidewalks 1.5m
 - Public Streets 2.5m
 - Underground Infrastructure 1.5m
- All trees within 1m of underground utility trenches are to be excavated by hand.
- Remove all protective wrapping from tree trunks after excavation.
- Staking of trees shall only be performed if necessary.
- Ensure that staking is pulled back a min. distance of 75mm from base of tree trunk.



40 YEAR CANOPY CALCULATION:

-27,427m2 site area

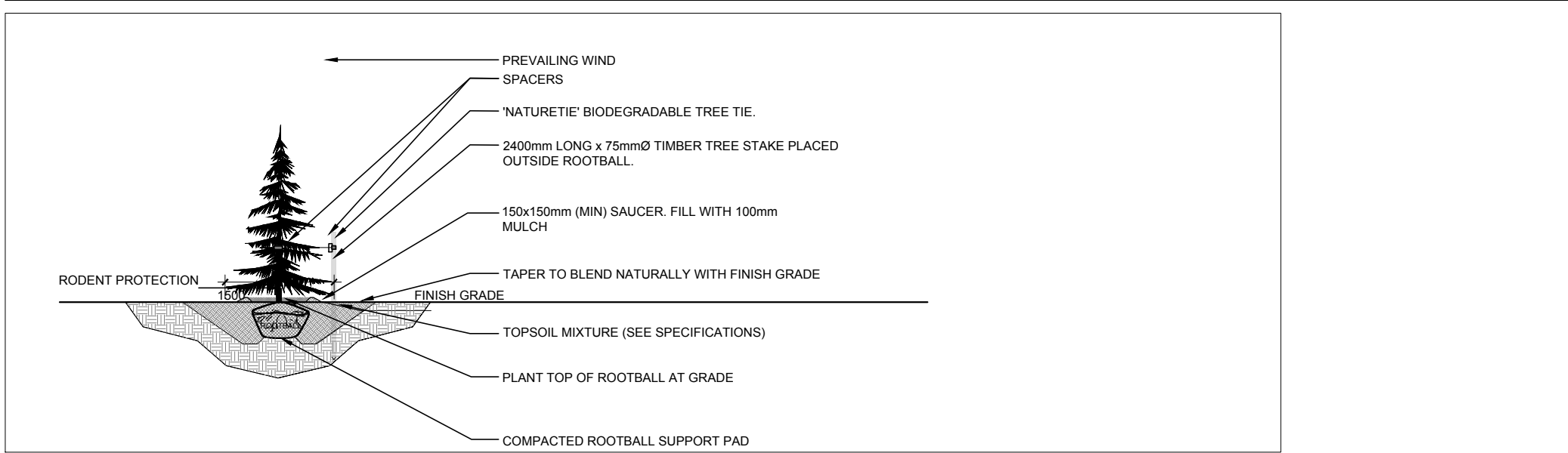
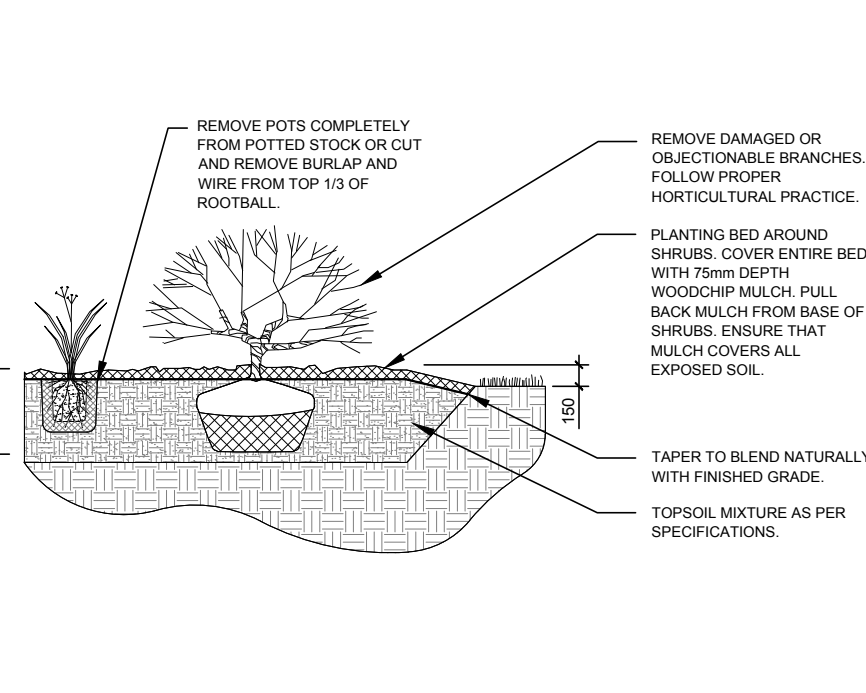
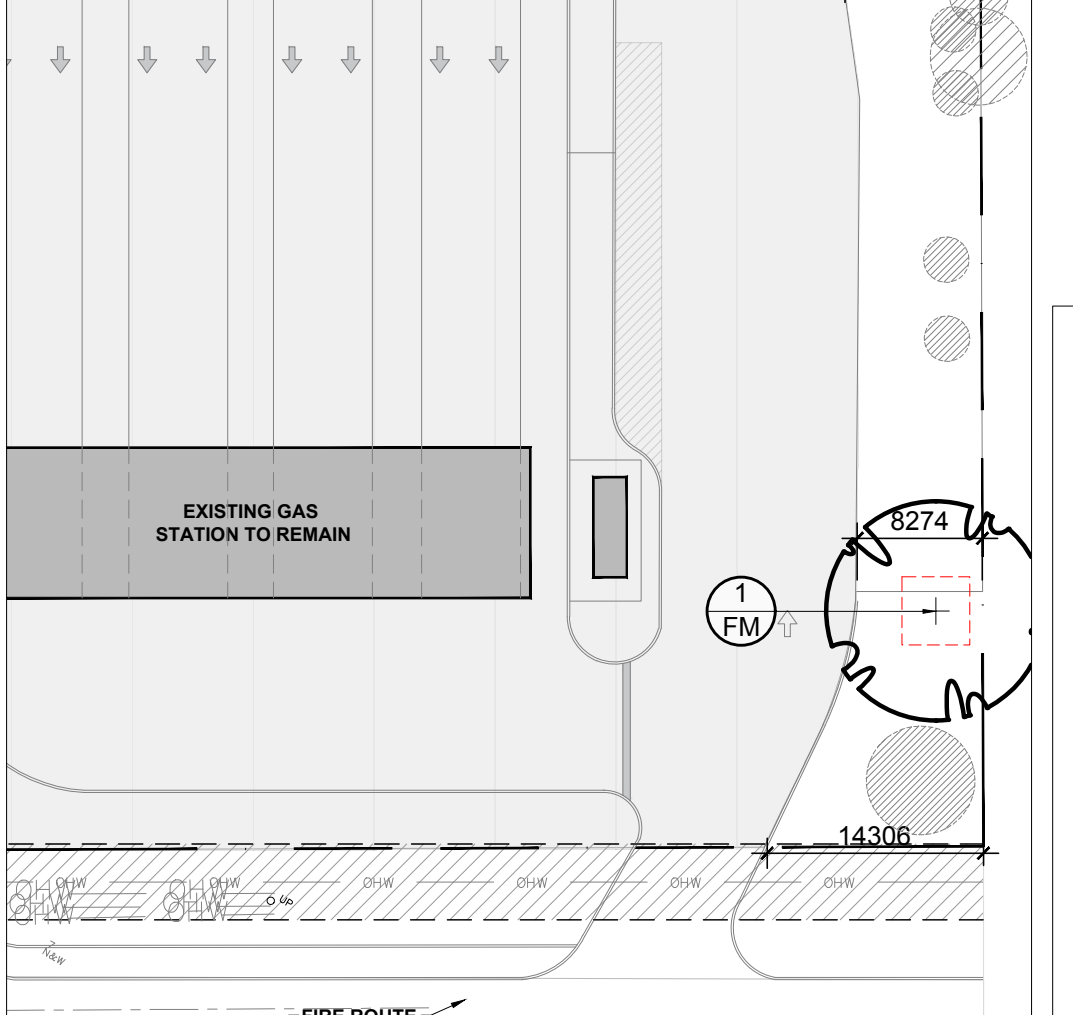
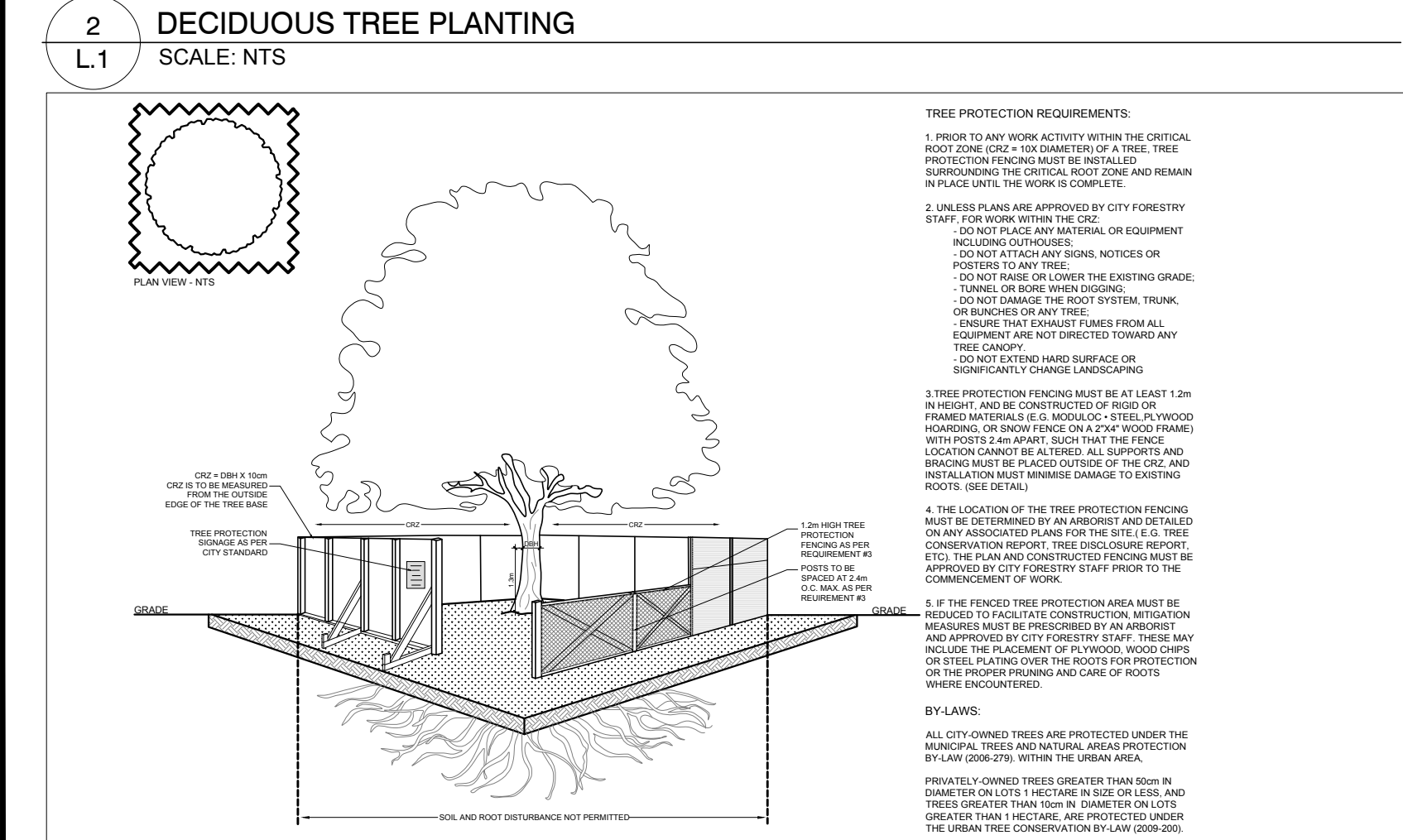
-15 Large trees proposed (154m2 ea.), 3 medium deciduous trees proposed (79m2 ea.), 13 large coniferous trees proposed (79m2 ea.), 25 small trees proposed (7m2 ea.), Twenty-three (23) large existing trees to remain (154m2 ea.), (16) small existing trees to remain (7m2 ea.) & 9 large coniferous trees to remain (79m2 ea.)

=8,114m2 canopy cover =29.6% canopy cover

*Large trees calculated at 14m spread, medium deciduous at 10m spread, large coniferous at 10m spread and small at 3m spread

PROPOSED PLANT LIST

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
TREES						
AG	9	<i>Acer ginnala</i>	Amur Maple	50mm cal.	B&B	Single leader Non-native species. Proposed on City property
BA	1	<i>Tilia americana</i>	Basswood	50mm cal.	B&B	Native species. Proposed on City property
BW	1	<i>Tilia americana</i>	Basswood	50mm cal.	B&B	Native species. Proposed on private property
CS	4	<i>Ficus pungens</i>	Colorado Spruce	200mm ht.	B&B	Non-native species. Proposed on private property
FM	4	<i>Acer x freemanii</i>	Freeman's Maple	50mm cal.	B&B	Native species. Proposed on private property
HL	7	<i>Celtis occidentalis</i>	Hackberry	50mm cal.	B&B	Native species. Proposed on private property
JL	1	<i>Gleditsia inaequalis var. inermis</i>	Honey Locust	50mm cal.	B&B	Native to S. Ontario. Proposed on private property
JL	1	<i>Syringa reticulata</i>	Japanese Tree Lilac	50mm cal.	B&B	Single leader Non-native species. Proposed on private property
RB	3	<i>Cercis canadensis</i>	Eastern Redbud	30mm cal.	B&B	Native to Northern US States. Proposed on private property
SM	1	<i>Acer saccharum</i>	Sugar Maple	50mm cal.	B&B	Native species. Proposed on private property
SU	1	<i>Acer saccharum</i>	Sugar Maple	50mm cal.	B&B	Native species. Proposed on City property
SR	4	<i>Syringa reticulata</i>	Japanese Tree Lilac	50mm cal.	B&B	Single leader Non-native species. Proposed on City property
ST	3	<i>Acer pensylvanicum</i>	Striped Maple	50mm cal.	B&B	Native species. Proposed on private property
WS	9	<i>Picea glauca</i>	White Spruce	2000mm ht.	B&B	Native species. Proposed on private property
SHRUBS						
JV	23	<i>Juniperus virginiana</i>	Eastern Red Cedar	1800mm ht.	Potted	Space 1200mm o.c. native species. Proposed on private property



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PROJECT: COSTCO HEADQUARTERS EXPANSION
415 WEST HUNT CLUB ROAD, OTTAWA ON

DRAWING: TREE CONSERVATION REPORT & LANDSCAPE PLAN

SCALE: AS SHOWN

START DATE: OCTOBER 2023

PROJECT NO.: 23MIS2328

DRAWING NO.: L.1

PLOT SIZE ARCH-D

#19200

D07-12-24-0113