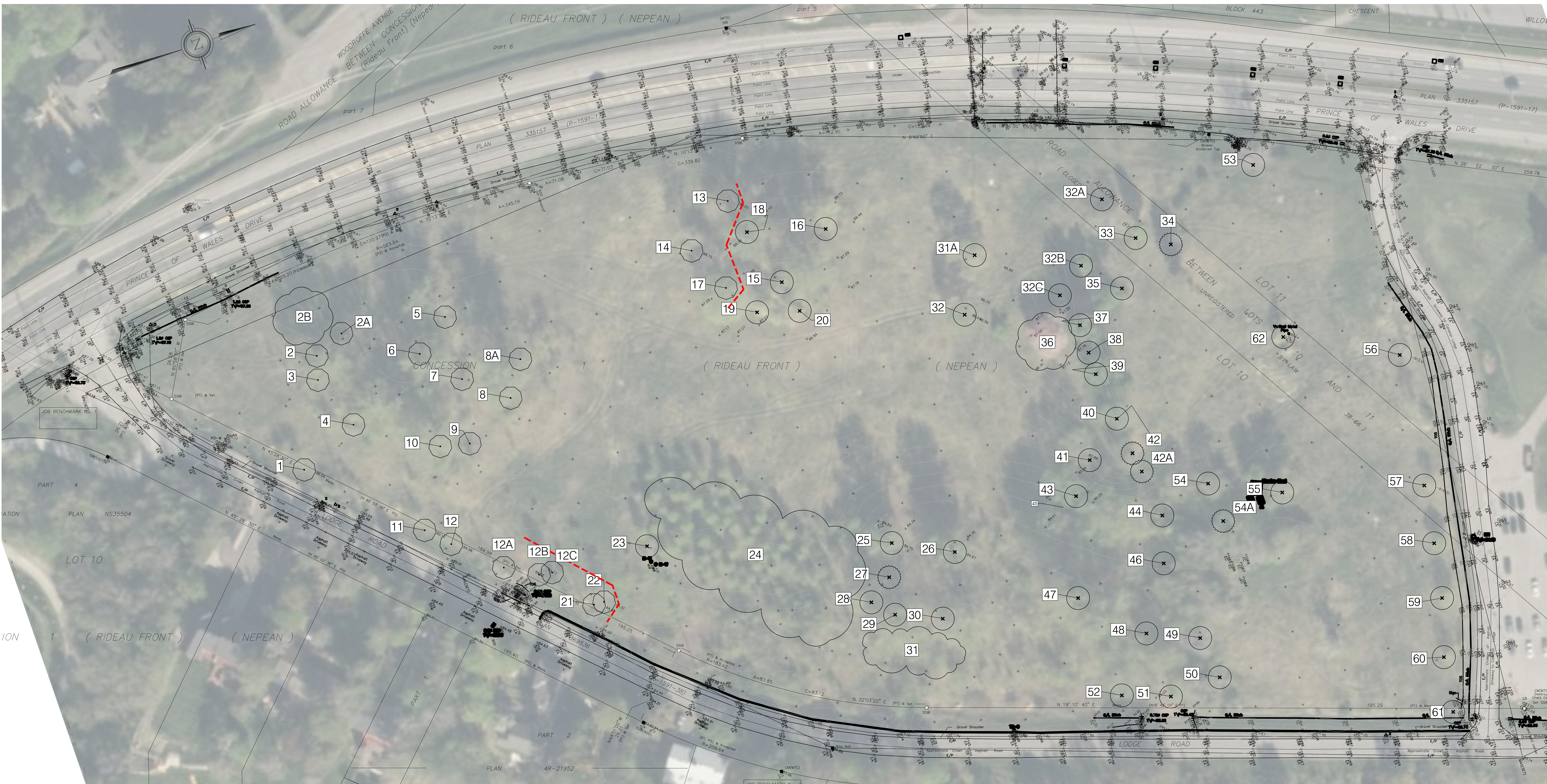




1 PRE-DEVELOPMENT LANDSCAPE PLAN

NO.	SPECIES	DBH (CM)	HEALTH	COMMENTS
15	Burr Oak/ Quercus macrocarpa	11	Good	
16	Willow/ Salix sp.	130	Fair	
18	Balsam Poplar/ Populus balsamifera	98	Fair	
19	Willow/ Salix sp.	95	Fair	
20	Balsam Poplar/ Populus balsamifera	96	Fair	
22	Black Walnut/ Juglans nigra	10	Good	
23	White Pine/ Pinus strobus	8	Good	
24	White Pine/ Pinus strobus Basswood/ Tilia americana White Cedar/ Thuja occidentalis Hackberry/ Celtis occidentalis Sugar Maple/ Acer saccharum White Birch/ Betula papyrifera Eastern Red Oak/ Quercus rubra Red Pine/ Pinus resinosa Burr Oak/ Quercus macrocarpa	8-12	Fair / Good	+/- 65 TREES
25	Balsam Poplar/ Populus balsamifera	90	Good	
26	Balsam Poplar/ Populus balsamifera	85	Good	
27	Larch/ Larix laricina	10	Good	

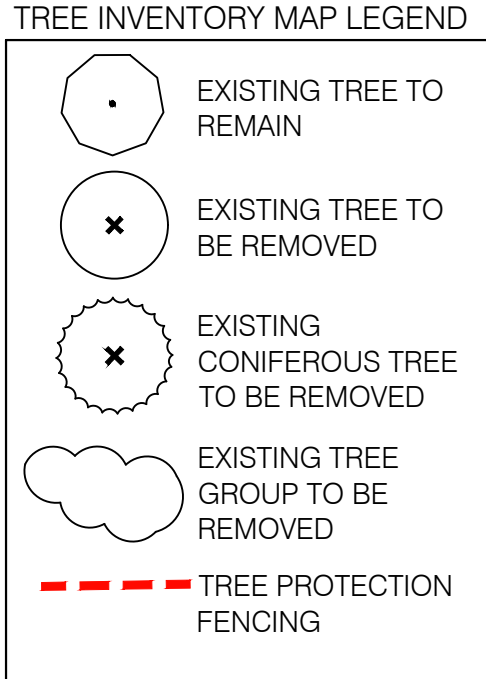
28	Silver Maple/ Acer saccharinum	56	Good	CROTCH AT 1.6m
29	Balsam Poplar/ Populus balsamifera	115	Good	
30	Balsam Poplar/ Populus balsamifera	100	Good	
31	Basswood/ Tilia americana Eastern Red Oak/ Quercus rubra	5-12	Fair / Good	+/- 12-15 TREES
31 A	Willow/ Salix sp.	110	Fair	
32	Red Maple/ Acer rubrum	52	Fair	
32 A	Red Maple/ Acer rubrum	30	Good	
32 B	Red Maple/ Acer rubrum	28	Fair	
32 C	Red Maple/ Acer rubrum	37	Good	
33	Sugar Maple/ Acer saccharum	30	Good	
34	Colorado Blue Spruce/ Picea pungens 'Glaucol'	37	Good	
35	Black Walnut/ Juglans nigra	17	Good	
36	Apple/ Malus	10-25	Fair / Good	+/- 4 TREES
37	Silver Maple/ Acer saccharinum	56	Good	
38	Silver Maple/ Acer saccharinum	41	Good	

39	Red Maple/ Acer rubrum	15-10	Good	DOUBLE STEMMED
40	Silver Maple/ Acer saccharinum	39	Good	
41	Silver Maple/ Acer saccharinum	56	Good	
42	Red Pine/ Pinus resinosa	32	Good	
42 A	Red Pine/ Pinus resinosa	30	Good	
43	Silver Maple/ Acer saccharinum	39/ 31	Good	Double Stemmed
44	Silver Maple/ Acer saccharinum	72	Good	
45	Silver Maple/ Acer saccharinum	40	Good	
46	Balsam Poplar/ Populus balsamifera	65	Good	
47	Balsam Poplar/ Populus balsamifera	93	Good	
48	Balsam Poplar/ Populus balsamifera	102	Good	
49	Red Maple/ Acer rubrum	45	Good	
50	Kentucky Coffee Tree/ Gymnocladus dioica	6	Good	
51	Kentucky Coffee Tree/ Gymnocladus dioica	10	Good	
52	Kentucky Coffee Tree/ Gymnocladus dioica	8	Good	

53	Ash/ Fraxinus sp.	30	Dead	DEAD
54	Red Maple/ Acer rubrum	37	Good	
54 A	Red Pine/ Pinus resinosa	35	Good	
55	Silver Maple/ Acer saccharinum	95	Good	
56	Sugar Maple/ Acer saccharum	16	Fair	
57	Red Maple/ Acer rubrum	22	Poor	DIE BACK, WOUND IN TRUNK
58	Sugar Maple/ Acer saccharum	20	Good	
59	Sugar Maple/ Acer saccharum	23	Good	
60	Sugar Maple/ Acer saccharum	25	Good	HEALED OVER WOUND
61	Silver Maple/ Acer saccharinum	22	Good	
62	Willow/ Salix sp.	8-23	Fair	10 STEM

NO.	SPECIES	DBH (CM)	HEALTH	COMMENTS
1	Silver Maple/ Acer saccharinum	16	Good	
2	Balsam Poplar/ Populus balsamifera	85	Good	
2 A	Balsam Poplar/ Populus balsamifera	21	Good	
2 B	White Spruce/ Picea glauca White Birch/ Betula papyrifera Balsam Poplar/ Populus balsamifera	6-10	Fine / Good	+/- 8-10 TREES
3	Balsam Poplar/ Populus balsamifera	96	Good	
4	Balsam Poplar/ Populus balsamifera	100	Good	
5	Balsam Poplar/ Populus balsamifera	96	Fair	DIE BACK
6	Basswood/ Tilia americana	12	Good	
7	Balsam Poplar/ Populus balsamifera	98	Good	
8	Balsam Poplar/ Populus balsamifera	98	Fair	SENESCING
8 A	Balsam Poplar/ Populus balsamifera	21	Good	
9	Black Walnut/ Juglans nigra	15	Fair	BROKEN LEADER
10	Balsam Poplar/ Populus balsamifera	98	Good	
11	Silver Maple/ Acer saccharinum	13	Good	
12	Silver Maple/ Acer saccharinum	14	Good	
12 A	Silver Maple/ Acer saccharinum	14	Good	

12 B	Silver Maple/ Acer saccharinum	16	Fair	
12 C	Manitoba Maple/ Acer regundo	16	Poor	
13	Red Maple/ Acer rubrum	30	Good	
14	Silver Maple/ Acer saccharinum	42	Fair	
17	Silver Maple/ Acer saccharum	64	Poor	POOR FORM + WATER SPIRITS
21	Manitoba Maple/ Acer regundo	22	Fair	



Keyplan

GENERAL NOTES

TREE PRESERVATION, PROTECTION & REMOVAL NOTES

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DISCLAIMER

REVISIONS

MORIYAMA & TESHIMA ARCHITECTS

CS&P Architects

LASHLEY & ASSOCIATES

Stamp

City of Ottawa

Project: SOUTH CAMPUS PHASE A

Title: PRE-DEVELOPMENT VEGETATION MAP

Scale: AS SHOWN

Date: 06/17/19

Job No.: 18001

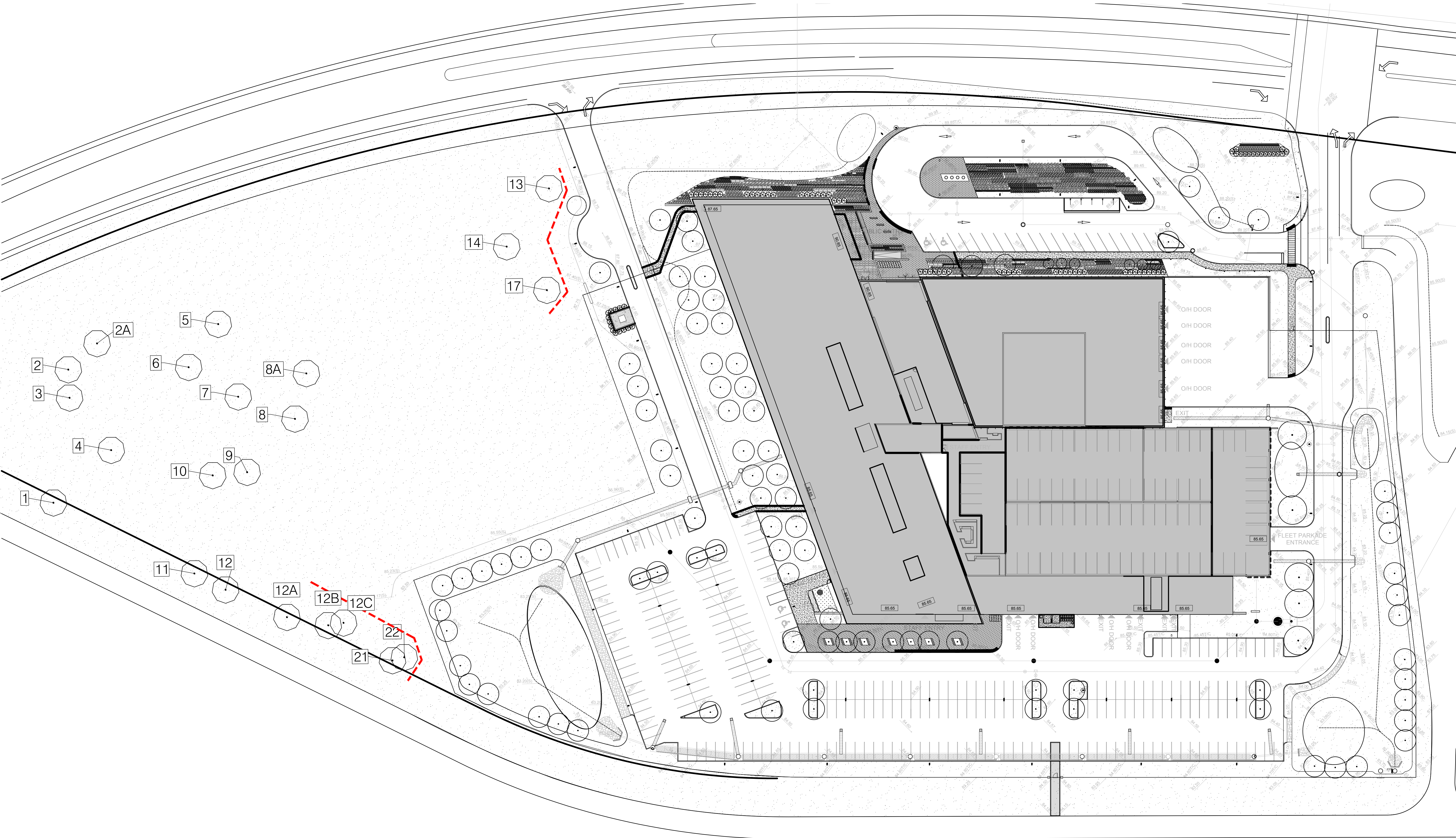
Drawn By: SG

Checked By: RP

Approved By: RP

Sheet No.: TP-1

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION



TREE INVENTORY MAP LEGEND

- EXISTING TREE TO REMAIN
- NEW TREE
- TREE PROTECTION FENCING

Keyplan

GENERAL NOTES

- All general site information and conditions compiled from survey.
- Do not scale this drawing.
- Report any discrepancies prior to commencing work. No responsibility is born by the Landscape Architect for unknown subsurface conditions.
- Contractor to check and verify all dimensions on site and report any errors and/or omissions.
- Reinstate all areas and items damaged as a result of construction activities.
- Drawing may not be used for construction until signed by Landscape Architect as issued for construction.
- The accuracy of the position of utilities is not guaranteed.
- Individual utility co. must be contacted for confirmation of utility existence and location prior to digging.
- This drawing is an instrument of service and requires the permission of the Landscape Architect for use. Copyright is reserved by Lashley + Associates corporation.

TREE PRESERVATION, PROTECTION & REMOVAL NOTES

- All existing trees to remain shall be protected from damage during construction by maintaining a protection fence at the critical root zone of the tree or group of trees.
- Storage of materials and/or equipment is prohibited within the drip line of all existing trees to remain.
- Contractor must comply with the Migratory Birds Convention Act (MBCA), 1994 and Regulations.
- Trees noted for removal must be cut outside of bird nesting season.
- Bird nesting season: April 1st until August 31st.

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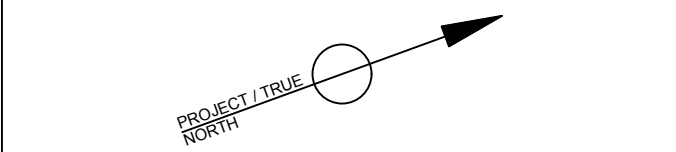
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2 2019-05-29 ISSUED FOR SPA
1 2019-05-22 ISSUED FOR COORDINATION
DATE REVISION NOTE

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Client:

CITY OF OTTAWA

Project:
SOUTH CAMPUS PHASE A
3505 PRINCE OF WALES DR. OTTAWA ONTARIO

Title:
POST-DEVELOPMENT
EXISTING
VEGETATION MAP

Scale: AS SHOWN Sheet No.:
Date: 06/17/19
Job No.: 18001
Drawn By: SG
Checked By: RP
Approved By: RP

TP-2

1 POST-DEVELOPMENT EXISTING VEGETATION MAP

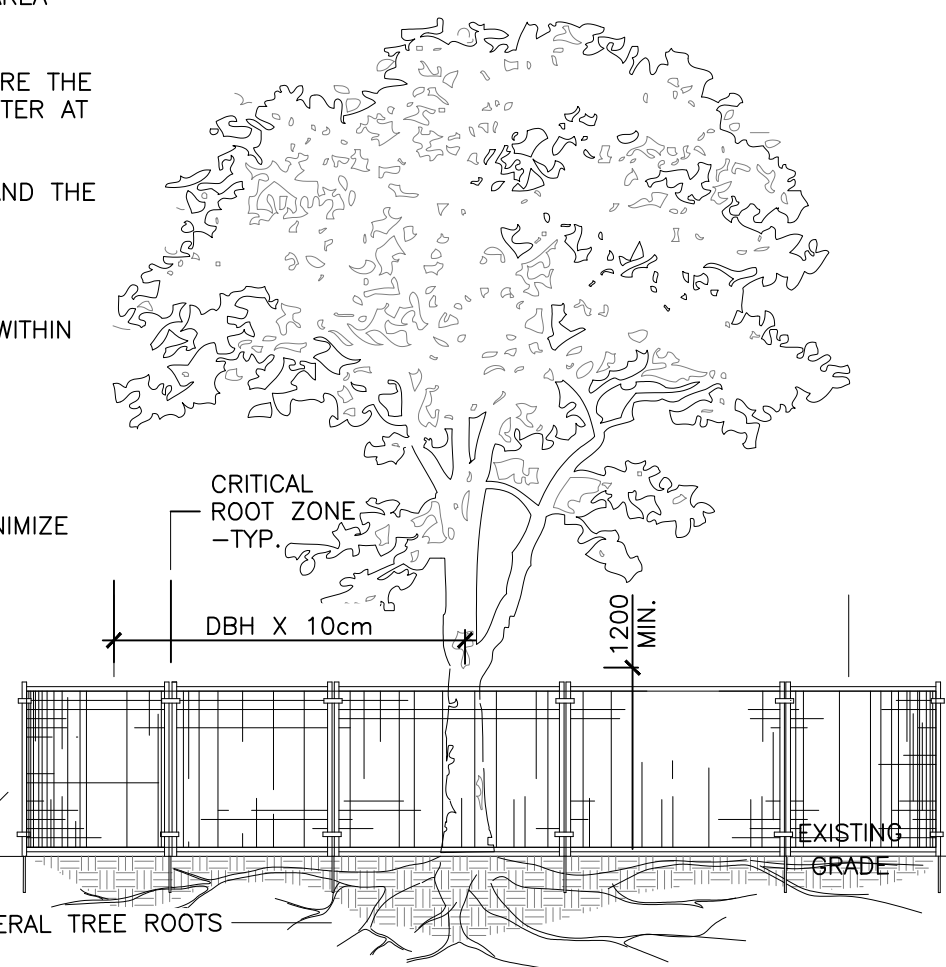
TREES TO REMAIN				
NO.	SPECIES	DBH (CM)	HEALTH	COMMENTS
1	Silver Maple/ <i>Acer saccharinum</i>	16	Good	
2	Balsam Poplar/ <i>Populus balsamifera</i>	85	Good	
2A	Balsam Poplar/ <i>Populus balsamifera</i>	21	Good	
2B	White Spruce/ <i>Picea glauca</i> White Birch/ <i>Betula papyrifera</i> Balsam Poplar/ <i>Populus balsamifera</i>	6-10	Fine / Good	+/- 8-10 TREES
3	Balsam Poplar/ <i>Populus balsamifera</i>	96	Good	
4	Balsam Poplar/ <i>Populus balsamifera</i>	100	Good	
5	Balsam Poplar/ <i>Populus balsamifera</i>	96	Fair	DIE BACK
6	Basswood/ <i>Tilia americana</i>	12	Good	
7	Balsam Poplar/ <i>Populus balsamifera</i>	98	Good	
8	Balsam Poplar/ <i>Populus balsamifera</i>	98	Fair	SENESCING
8A	Balsam Poplar/ <i>Populus balsamifera</i>	21	Good	
9	Black Walnut/ <i>Juglans nigra</i>	15	Fair	BROKEN LEADER
10	Balsam Poplar/ <i>Populus balsamifera</i>	98	Good	
11	Silver Maple/ <i>Acer saccharinum</i>	13	Good	
12	Silver Maple/ <i>Acer saccharinum</i>	14	Good	
12A	Silver Maple/ <i>Acer saccharinum</i>	14	Good	

12B	Silver Maple/ <i>Acer saccharinum</i>	16	Fair	
12C	Manitoba Maple/ <i>Acer reginoides</i>	16	Poor	
13	Red Maple/ <i>Acer rubrum</i>	30	Good	
14	Silver Maple/ <i>Acer saccharinum</i>	42	Fair	
17	Silver Maple/ <i>Acer saccharinum</i>	64	Poor	POOR FORM + WATER SPROUTS
21	Manitoba Maple/ <i>Acer reginoides</i>	22	Fair	

- NOTES:
THE FOLLOWING PROTECTION MEASURES MUST BE IMPLEMENTED FOR RETAINED TREES, BOTH WITHIN THE WORK AREA AND ON ADJACENT PARCELS.
- UNDER THE GUIDANCE OF AN ARBORIST, ERECT A FENCE AT THE CRITICAL ROOT ZONE (CRZ) OF TREES WHERE THE CRZ IS ESTABLISHED AS BEING 10 CENTIMETERS FROM THE TRUNK FOR EVERY CENTIMETER OF TRUNK DIAMETER AT BREAST HEIGHT.
 - TREE PROTECTION SHALL BE ERECTED TO PROVIDE A CONTINUOUS BARRICADE BETWEEN DESIGNATED TREES AND THE WORK AREA PRIOR TO CONSTRUCTION.
 - TUNNEL OR BORE WHEN DIGGING WITHIN THE CRZ OF A TREE.
 - ENSURE ALL EQUIPMENT AND CONSTRUCTION RELATED MATERIAL ARE NOT PLACED OR TEMPORARILY STORED WITHIN THE CRZ.
 - ENSURE EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARDS ANY TREE'S CANOPY.
 - FLOODING OR DEPOSITION OF SEDIMENT SHALL BE PREVENTED WHERE TREES ARE LOCATED.
 - ALL DISTURBED ROOT SYSTEMS SHALL BE EXPOSED AND BACKFILLED IN ONE CONTINUOUS OPERATION TO MINIMIZE DESICCATION.
 - EXPOSED ROOTS SHALL BE KEPT CONTINUOUSLY MOIST DURING EXCAVATION.
 - REMOVE BROKEN AND DAMAGED ROOTS WITH SHARP PRUNING SHEARS.
 - THE TREE PROTECTION FENCE IS TEMPORARY, SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION OPERATIONS, AND SHALL BE REMOVED UPON COMPLETION OF WORK, WHEN AGREED TO BY THE CONTRACT ADMINISTRATOR AND LANDSCAPE ARCHITECT.

STAKED/ ANCHORED TREE CONSTRUCTION FENCE BEYOND CRITICAL ROOT ZONE UNLESS AUTHORIZED BY THE CONTRACT ADMINISTRATOR AND LANDSCAPE ARCHITECT

UNDISTURBED NATIVE SOIL AND LATERAL TREE ROOTS



2 TREE PROTECTION FENCE

1:50