



EXISTING CONDITIONS

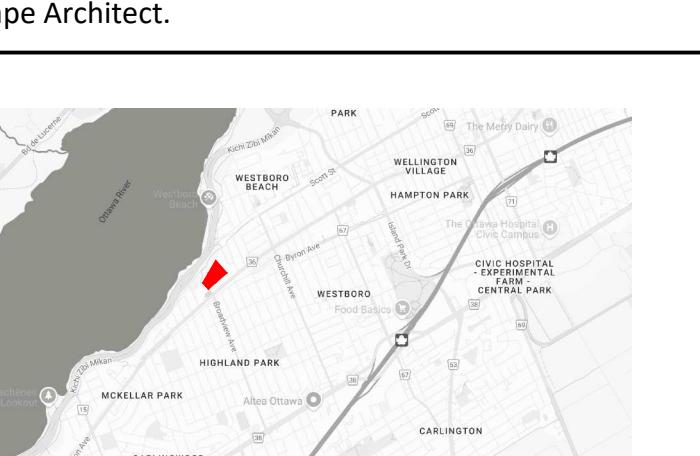
Scale: 1:300

Tree #	Botanical Name	Common Name	DBH (cm)	Ownership	Condition	Notes	To Be Preserved	Reason for Removal
1	Gleditsia triacanthos	Honey Locust	25	Private: 495 Richmond Rd.	Good	Symmetrical canopy, Die-back ~10% @ canopy, Single stem, Included bark	YES	
2	Gleditsia triacanthos	Honey Locust	25	Private: 495 Richmond Rd.	Good	Asymmetrical canopy, Die-back ~10% @ canopy, Single stem	YES	
3	Gleditsia triacanthos	Honey Locust	25	Private: 495 Richmond Rd.	Good	Asymmetrical canopy, Die-back ~10% @ canopy, Single stem	YES	
4				Private: 495 Richmond Rd.	Dead		NO	Dead tree, potential future hazard
5	Malus spp.	Crabapple	20	Private: 495 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~20% @ canopy, broken limbs, Pruned branches, Single stem	NO	Proposed hard surface construction will significantly impact CRZ
6	Malus spp.	Crabapple	15	Private: 495 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~20% @ canopy, Single stem	NO	Proposed hard surface construction will significantly impact CRZ
7	Syringa reticulata	Japanese Tree Lilac	30	Private: 495 Richmond Rd.	Moderate	Symmetrical canopy, Die-back ~10% @ crown, Single stem, Leaf scorch	YES	
8	Malus spp.	Crabapple	20	Private: 495 Richmond Rd.	Poor	Asymmetrical canopy, Die-back ~70% @ canopy, Single stem	NO	Proposed hard surface construction will significantly impact CRZ
9	Acer negundo	Manitoba maple	15-60	Boundary: 495/529 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~40% @ canopy, Multi-stem: 10, Heart & Bark Rot @ trunk, Leaning, Fruiting fungi on trunk	YES	
15	Pinus sylvestris	Scots Pine	25	Private: 529 Richmond Rd.	Moderate	Asymmetrical canopy, Single stem	YES	
16	Pinus sylvestris	Scots Pine	40	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Single stem	YES	
17	Pinus sylvestris	Scots Pine	35	Private: 495 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~10% @ canopy, Single stem	YES	
18	Pinus sylvestris	Scots Pine	25	Boundary: 495/529 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~15% @ canopy, Single stem, Broken limbs	YES	
19				Boundary: 495/529 Richmond Rd.	Dead		YES	Dead tree, potential future hazard
20	Pinus sylvestris	Scots Pine	35	Private: 529 Richmond Rd.	Moderate	Asymmetrical canopy, Single stem	YES	
21	Pinus sylvestris	Scots Pine	25	Boundary: 495/529 Richmond Rd.	Moderate	Asymmetrical canopy, Single stem	YES	
22				Private: 529 Richmond Rd.	Dead		YES	Dead tree, potential future hazard
23	Pinus sylvestris	Scots Pine	30	Private: 529 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~15% @ canopy, Single stem	YES	
24	Pinus sylvestris	Scots Pine	25	Private: 529 Richmond Rd.	Moderate	Asymmetrical canopy, Single stem	YES	
25				Private: 529 Richmond Rd.	Dead		YES	Dead tree, potential future hazard
26				Private: 529 Richmond Rd.	Dead		YES	Dead tree, potential future hazard
27	Pinus sylvestris	Scots Pine	40	Private: 529 Richmond Rd.	Good	Symmetrical canopy, Die-back ~5% @ canopy, Single stem, Co-dominant leaders: 2 @ 2m above grade	YES	
28				Boundary: 495/529 Richmond Rd.	Dead		YES	Dead tree, potential future hazard
29				Private: 495 Richmond Rd.	Dead		YES	Dead tree, potential future hazard
30	Pinus sylvestris	Scots Pine	25	Boundary: 495/529 Richmond Rd.	Poor	Asymmetrical canopy, Die-back ~60% @ canopy, Broken limbs, Bark rot @ trunk	YES	
31	Malus spp.	Crabapple	20	Private: 495 Richmond Rd.	Good	Asymmetrical canopy, Single stem, Tree stake in close proximity to the trunk	NO	Proposed hard surface construction will significantly impact CRZ
32	Malus spp.	Crabapple	25	Private: 495 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~10% @ canopy, Pruned branches, Single stem	NO	Proposed hard surface construction will significantly impact CRZ
33	Thuja occidentalis	Eastern White Cedar	20	Private: 495 Richmond Rd.	Good	Symmetrical canopy, Pruned limbs, Single stem, Co-dominant leaders: 2 @ 1m above grade	YES	
34	Quercus macrocarpa	Bur Oak	25	Private: 495 Richmond Rd.	Good	Symmetrical canopy, Die-back ~10% @ canopy, Pruned limbs, Single stem	YES	
35	Picea pungens var. Glauca	Blue Colorado Spruce	40	Private: 495 Richmond Rd.	Good	Symmetrical canopy, Die-back ~5% @ canopy, Pruned: Limbed-up, Single stem	YES	
36	Picea pungens var. Glauca	Blue Colorado Spruce	30	Private: 495 Richmond Rd.	Good	Symmetrical canopy, Die-back ~5% @ canopy, Pruned: Limbed-up, Single stem	YES	
37	Picea pungens var. Glauca	Blue Colorado Spruce	15	Private: 491 Richmond Rd.	Good	Symmetrical canopy, Single stem	YES	
38	Picea pungens var. Glauca	Blue Colorado Spruce	15	Private: 491 Richmond Rd.	Good	Symmetrical canopy, Single stem	YES	
39	Acer freemanii	Freeman Maple	15	Private: 491 Richmond Rd.	Good	Symmetrical canopy, Single stem	YES	
40	Acer freemanii	Freeman Maple	16	Private: 491 Richmond Rd.	Good	Symmetrical canopy, Single stem	YES	
41	Acer freemanii	Freeman Maple	17	Private: 491 Richmond Rd.	Good	Symmetrical canopy, Single stem	YES	
42	Picea pungens	Colorado Spruce	20	Private: 491 Richmond Rd.	Good	Symmetrical canopy, Single stem	YES	
43	Thuja occidentalis	Eastern White Cedar	5 @ ~20	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Pruned limbs, Multi-stem: 5	YES	
44	Acer saccharum	Sugar Maple	70	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Die-back ~15% @ canopy, Single stem	YES	
45	Acer freemanii	Freeman Maple	10	Private: 495 Richmond Rd.	Good	Symmetrical canopy, Single stem, Close proximity to light pole	YES	
46	Malus spp.	Crabapple	20	Private: 495 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~25% @ canopy, Pruned limbs, Single stem	NO	Proposed hard surface construction will significantly impact CRZ
47	Pinus nigra	Austrian Pine	35	Private: 529 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~15% @ canopy, Single stem	YES	
48	Pinus nigra	Austrian Pine	45	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Broken limbs, Pruned limbs, Single stem	YES	
49	Pinus nigra	Austrian Pine	35	Private: 529 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~40% @ canopy, Single stem, Pruned limbs	YES	
50	Pinus strobus	Eastern White Pine	25	Private: 529 Richmond Rd.	Poor	Asymmetrical canopy, Die-back ~40% @ canopy, Pruned Leader, Single stem	YES	
51	Pinus strobus	Eastern White Pine	35	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Die-back ~10% @ canopy, Single stem	YES	
52	Pinus strobus	Eastern White Pine	35	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Die-back ~10% @ canopy, Single stem	YES	
53	Pinus nigra	Austrian Pine	50	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Die-back ~10% @ canopy, Single stem	YES	
54	Pinus resinosa	Red Pine	23	Private: 529 Richmond Rd.	Poor	Asymmetrical canopy, Die-back ~40% @ canopy, Single stem	YES	
55	Pinus resinosa	Red Pine	24	Private: 529 Richmond Rd.	Poor	Asymmetrical canopy, Die-back ~40% @ canopy, Single stem	YES	
56	Pinus resinosa	Red Pine	25	Private: 529 Richmond Rd.	Poor	Asymmetrical canopy, Die-back ~40% @ canopy, Single stem	YES	

TREE PRESERVATION / REMOVAL NOTES:

1. TREES IDENTIFIED FOR RETENTION RANGE FROM POOR TO GOOD CONDITION AND CAN BE REASONABLY PROTECTED FROM CONSTRUCTION ACTIVITIES, GIVEN ADEQUATE TREE PROTECTION MEASURES AS DESCRIBED ARE TAKEN. THIS INCLUDES INSTALLATION OF TREE PROTECTION FENCING IN IDENTIFIED LOCATIONS, AND OTHER MEASURES DESCRIBED WITHIN THIS REPORT.
2. NATURE ELEMENTS:
  - 2.a. NO VALUED WOODLOTS DESIGNATED AS URBAN NATURAL FEATURES OR NO NATURAL ENVIRONMENT AREAS PER THE URBAN NATURAL AREAS ENVIRONMENTAL EVALUATION STUDY (UNAES), ARE FOUND ON THE SUBJECT SITE. THE ADJACENT SITE TO THE NORTH CONTAINS AREAS DESIGNATED AS CONTRIBUTING ROLE TO GREENSPACE IN THE CITY
  - 2.b. NO SIGNIFICANT WOODLANDS ARE FOUND ON THE SUBJECT SITE.
  - 2.c. NO DUCK HABITAT ARE FOUND ON THE SUBJECT SITE.
  - 2.d. NO HAZARDOUS TREES ARE FOUND ON THE SUBJECT SITE.
  - 2.e. NO RIPARIAN WOODLOTS, RARE COMMUNITIES, OR OTHER UNIQUE ECOLOGICAL FEATURES ARE FOUND ON THE SUBJECT SITE.
  - 2.f. NO TREE SPECIES AT RISK AND THEIR HABITAT IS FOUND ON THE SUBJECT SITE
3. THERE ARE NO OTHER APPLICATIONS AFFECTING THE LAND UPON WHICH TREES ARE TO BE PROTECTED, INJURED OR DESTROYED.
4. MITIGATION MEASURES FOR PROTECTION OF PRESERVED VEGETATION:
  - 4.a. TREE PROTECTION FENCING WILL PROVIDE ADEQUATE PROTECTION TO PRESERVED TREES BY PHYSICALLY SEPARATING A TREE'S CRZ AND CANOPY FROM CONSTRUCTION ACTIVITIES.
5. USE OF HYDRO VAC TECHNOLOGIES AND HAND PRUNING SHALL BE USED TO ENSURE A CLEAN INTERFACE FOR PROPER ROOT PRUNING BY A QUALIFIED ARBORIST (ISA CERTIFIED).
6. A QUALIFIED ARBORIST (ISA CERTIFIED) OR OTHER TREE PROFESSIONAL AS APPROVED BY THE CITY OF OTTAWA MUST PRUNE ROOTS OR BRANCHES THAT EXTEND BEYOND PRESCRIBED TREE PROTECTION ZONE AS REQUIRED. ALL PRUNING OF TREE ROOTS AND BRANCHES MUST BE IN ACCORDANCE WITH GOOD ARBORICULTURAL STANDARDS.
7. TREES SHALL BE INSPECTED BY THE LANDSCAPE ARCHITECT OR CITY FORESTER REGULARLY FOR DAMAGE INCURRED DURING CONSTRUCTION TO ENSURE APPROPRIATE PRUNING OR OTHER MEASURES ARE IMPLEMENTED.
8. THE AREAS WITHIN THE TREE PROTECTION ZONE MUST REMAIN UNDISTURBED AT ALL TIMES. NO WORK OR MATERIAL STORAGE IS PERMITTED WITHIN THE TREE PROTECTION ZONE.
9. TREES THAT HAVE DIED OR HAVE BEEN DAMAGED BEYOND REPAIR WILL BE REMOVED AND REPLACED WITH TREES OF AN EQUIVALENT SIZE AND SPECIES AS APPROVED BY THE LANDSCAPE ARCHITECT OR CITY OF OTTAWA.
10. TREE PROTECTION FENCE MUST NOT BE REMOVED WITHOUT THE WRITTEN AUTHORIZATION OF THE LANDSCAPE ARCHITECT.
11. ALL DISTURBED AREAS TO BE RESTORED TO Finished CONDITION WITH 150mm TOPSOIL AND SOD OR SEED AS INDICATED.
12. ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW REMOVAL WITH LANDSCAPE ARCHITECT OR THE CITY OF OTTAWA PRIOR TO ANY TREE CUTTING.
13. IF CUTTING OF ROOTS OR CHANGING OF GRADES AROUND EXISTING TREES IS SPECIFIED, FOLLOW APPROPRIATE DETAILS AS DIRECTED BY LANDSCAPE ARCHITECT.
14. INSTALL TREE PROTECTION FENCE TO SATISFACTION OF THE LANDSCAPE ARCHITECT. TREE PROTECTION SHALL REMAIN UNTIL SUBSTANTIAL PERFORMANCE OF THE PROJECT OR UPON WRITTEN AUTHORIZATION FROM THE LANDSCAPE ARCHITECT.
15. INSTALLATION OF TREE PROTECTION FENCE SHALL BE LOCATED AT THE CRITICAL ROOT ZONE : 10cm x DIAMETER AT BREAST HEIGHT (DBH) EXAMPLE: DBH = 30cm; CRZ = 300cm / 3.0m
16. THE FOLLOWING TREE PROTECTION MEASURES WILL BE PROVIDED TO ENSURE THE PRESERVATION OF THE TREES IDENTIFIED IN THE DETAILED TREE PLANTING AND CONSERVATION PLAN TO THE SATISFACTION OF FORESTRY SERVICES:
  - 16.a. EQUIPMENT SHALL NOT BE ALLOWED TO OPERATE, PARK, BE REPAIRED OR REFUELED, NOR SHALL CONSTRUCTION ACTIVITIES OCCUR WITHIN THE CRITICAL ROOT ZONE OF ANY TREE. WASTE OR VOLATILE MATERIALS, SUCH AS MINERAL SPIRITS, OIL OR PAINT THINNER SHALL NOT BE DISPOSED ON SITE.
  - 16.b. WHEN EXCAVATION MUST TAKE PLACE WITHIN THE CRITICAL ROOT ZONE OF A TREE, A TRENCH SHALL BE DUG CAREFULLY AND SHALLOWLY ON A ROOT-CUTTING (STUMP GRINDER) OR STONE CUTTING (CUT-OFF) MACHINE ALONG THE FURTHEST REACH OF THE CUT.
  - 16.c. IF ANY TREE ROOTS ARE EXPOSED DURING CONSTRUCTION, THEY SHALL BE IMMEDIATELY REBURIED WITH SOIL OR COVERED WITH FILTER CLOTH OR WOOD CHIPS AND KEPT MOIST UNTIL THEY CAN BE BURIED PERMANENTLY.

Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work by the Landscape Architect.



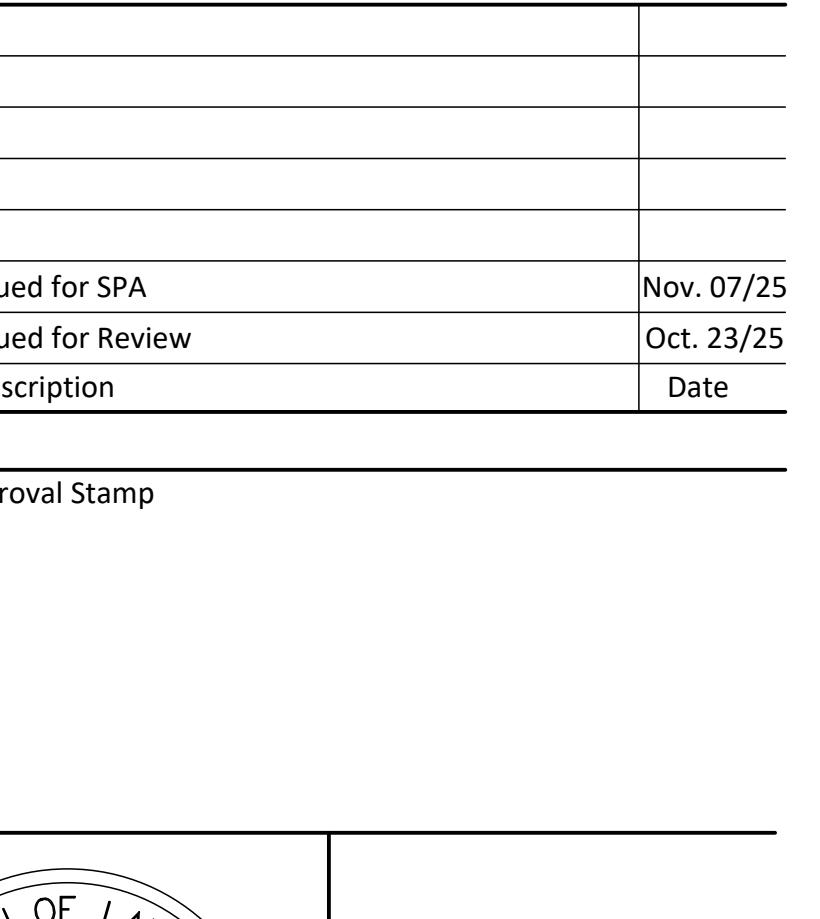
REGIONAL

REGIONAL GROUP  
ADDRESS: 1737 WOODWARD DRIVE, 2ND FLOOR  
K2C 0P9  
TELEPHONE: (613) 230-2100  
EMAIL: info@regionalgroup.com

Contractor Implementing TCR: N/A  
Schedule of Proposed Works: T.B.D.

LEGEND

PROPERTY LINE  
CRITICAL ROOT ZONE  
TREE IDENTIFICATION NUMBER  
EXISTING TREES

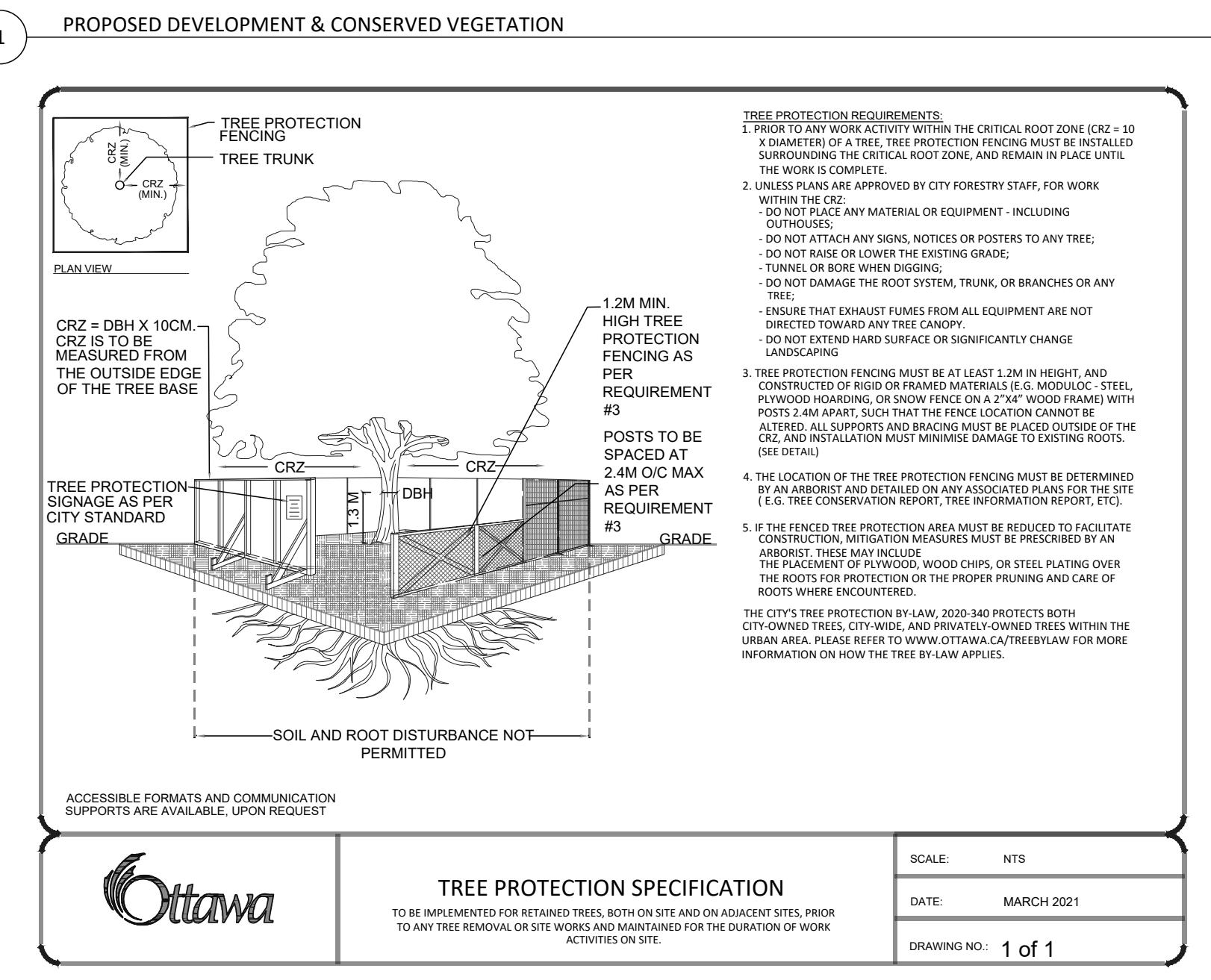


ARBORIST: PAT GAUVREAU  
ISA CERTIFICATION NUMBER: ON-3138A

NAK  
design strategies

128 WELLINGTON STREET, OTTAWA, ON K1Y 3A8 CANADA  
T 613.237.2345 NAKDESIGNSTRATEGIES.COM  
Project

Title: TREE CONSERVATION REPORT  
Date: Oct, 2025  
Scale: 1:300  
Drawn: MB  
Checked: PG  
Job No. 24-144  
Sheet: TCR 01



Tree #	Botanical Name	Common Name	DBH (cm)	Ownership	Condition	Notes	To Be Preserved	Reason for Removal
1	Gleditsia triacanthos	Honey Locust	25	Private: 495 Richmond Rd.	Good	Symmetrical canopy, Die-back ~10% @ canopy, Single stem, Included bark	YES	
2	Gleditsia triacanthos	Honey Locust	25	Private: 495 Richmond Rd.	Good	Asymmetrical canopy, Die-back ~10% @ canopy, Single stem	YES	
3	Gleditsia triacanthos	Honey Locust	25	Private: 495 Richmond Rd.	Good	Asymmetrical canopy, Die-back ~10% @ canopy, Single stem	YES	
4				Private: 495 Richmond Rd.	Dead		NO	Dead tree, potential future hazard
5	Malus spp.	Crabapple	20	Private: 495 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~20% @ canopy, broken limbs, Pruned branches, Single stem	NO	Proposed hard surface construction will significantly impact CRZ
6	Malus spp.	Crabapple	15	Private: 495 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~20% @ canopy, Single stem	NO	Proposed hard surface construction will significantly impact CRZ
7	Syringa reticulata	Japanese Tree Lilac	30	Private: 495 Richmond Rd.	Moderate	Symmetrical canopy, Die-back ~10% @ crown, Single stem, Leaf scorch	YES	
8	Malus spp.	Crabapple	20	Private: 495 Richmond Rd.	Poor	Asymmetrical canopy, Die-back ~70% @ canopy, Single stem	NO	Proposed hard surface construction will significantly impact CRZ
9	Acer negundo	Manitoba maple	15-60	Boundary: 495/529 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~40% @ canopy, Multi-stem: 10, Heart & Bark Rot @ trunk, Leaning, Fruiting fungi on trunk	YES	
15	Pinus sylvestris	Scots Pine	25	Private: 529 Richmond Rd.	Moderate	Asymmetrical canopy, Single stem	YES	
16	Pinus sylvestris	Scots Pine	40	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Single stem	YES	
17	Pinus sylvestris	Scots Pine	35	Private: 495 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~10% @ canopy, Single stem	YES	
18	Pinus sylvestris	Scots Pine	25	Boundary: 495/529 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~15% @ canopy, Single stem, Broken limbs	YES	
19				Boundary: 495/529 Richmond Rd.	Dead		YES	Dead tree, potential future hazard
20	Pinus sylvestris	Scots Pine	35	Private: 529 Richmond Rd.	Moderate	Asymmetrical canopy, Single stem	YES	
21	Pinus sylvestris	Scots Pine	25	Boundary: 495/529 Richmond Rd.	Moderate	Asymmetrical canopy, Single stem	YES	
22				Private: 529 Richmond Rd.	Dead		YES	Dead tree, potential future hazard
23	Pinus sylvestris	Scots Pine	30	Private: 529 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~15% @ canopy, Single stem	YES	
24	Pinus sylvestris	Scots Pine	25	Private: 529 Richmond Rd.	Moderate	Asymmetrical canopy, Single stem	YES	
25				Private: 529 Richmond Rd.	Dead		YES	Dead tree, potential future hazard
26				Private: 529 Richmond Rd.	Dead		YES	Dead tree, potential future hazard
27	Pinus sylvestris	Scots Pine	40	Private: 529 Richmond Rd.	Good	Symmetrical canopy, Die-back ~5% @ canopy, Single stem, Co-dominant leaders: 2 @ ~2m above grade	YES	
28				Boundary: 495/529 Richmond Rd.	Dead		YES	Dead tree, potential future hazard
29				Private: 495 Richmond Rd.	Dead		YES	Dead tree, potential future hazard
30	Pinus sylvestris	Scots Pine	25	Boundary: 495/529 Richmond Rd.	Poor	Asymmetrical canopy, Die-back ~60% @ canopy, Broken limbs, Bark rot @ trunk	YES	
31	Malus spp.	Crabapple	20	Private: 495 Richmond Rd.	Good	Asymmetrical canopy, Single stem, Tree stake in close proximity to the trunk	NO	Proposed hard surface construction will significantly impact CRZ
32	Malus spp.	Crabapple	25	Private: 495 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~10% @ canopy, Pruned branches, Single stem	NO	Proposed hard surface construction will significantly impact CRZ
33	Thuja occidentalis	Eastern White Cedar	20	Private: 495 Richmond Rd.	Good	Asymmetrical canopy, Pruned limbs, Single stem, Co-dominant leaders: 2 @ ~1m above grade	YES	
34	Quercus macrocarpa	Bur Oak	25	Private: 495 Richmond Rd.	Good	Symmetrical canopy, Die-back ~10% @ canopy, Pruned limbs, Single stem	YES	
35	Picea pungens var. Glauca	Blue Colorado Spruce	40	Private: 495 Richmond Rd.	Good	Symmetrical canopy, Die-back ~5% @ canopy, Pruned: Limbed-up, Single stem	YES	
36	Picea pungens var. Glauca	Blue Colorado Spruce	30	Private: 495 Richmond Rd.	Good	Symmetrical canopy, Die-back ~5% @ canopy, Pruned: Limbed-up, Single stem	YES	
37	Picea pungens var. Glauca	Blue Colorado Spruce	15	Private: 491 Richmond Rd.	Good	Symmetrical canopy, Single stem	YES	
38	Picea pungens var. Glauca	Blue Colorado Spruce	15	Private: 491 Richmond Rd.	Good	Symmetrical canopy, Single stem	YES	
39	Acer freemanii	Freeman Maple	15	Private: 491 Richmond Rd.	Good	Symmetrical canopy, Single stem	YES	
40	Acer freemanii	Freeman Maple	16	Private: 491 Richmond Rd.	Good	Symmetrical canopy, Single stem	YES	
41	Acer freemanii	Freeman Maple	17	Private: 491 Richmond Rd.	Good	Symmetrical canopy, Single stem	YES	
42	Picea pungens	Colorado Spruce	20	Private: 491 Richmond Rd.	Good	Symmetrical canopy, Single stem	YES	
43	Thuja occidentalis	Eastern White Cedar	5 @ ~20	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Pruned limbs, Multi-stem: 5	YES	
44	Acer saccharum	Sugar Maple	70	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Die-back ~15% @ canopy, Single stem	YES	
45	Acer freemanii	Freeman Maple	10	Private: 495 Richmond Rd.	Good	Symmetrical canopy, Single stem, Close proximity to light pole	YES	
46	Malus spp.	Crabapple	20	Private: 495 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~25% @ canopy, Pruned limbs, Single stem	NO	Proposed hard surface construction will significantly impact CRZ
47	Pinus nigra	Austrian Pine	35	Private: 529 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~15% @ canopy, Single stem	YES	
48	Pinus nigra	Austrian Pine	45	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Broken limbs, Pruned limbs, Single stem	YES	
49	Pinus nigra	Austrian Pine	35	Private: 529 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ~40% @ canopy, Single stem, Pruned limbs	YES	
50	Pinus strobus	Eastern White Pine	25	Private: 529 Richmond Rd.	Poor	Asymmetrical canopy, Die-back ~40% @ canopy, Pruned Leader, Single stem	YES	
51	Pinus strobus	Eastern White Pine	35	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Die-back ~10% @ canopy, Single stem	YES	
52	Pinus strobus	Eastern White Pine	35	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Die-back ~10% @ canopy, Single stem	YES	
53	Pinus nigra	Austrian Pine	50	Private: 529 Richmond Rd.	Good	Asymmetrical canopy, Die-back ~10% @ canopy, Single stem	YES	
54	Pinus resinosa	Red Pine	23	Private: 529 Richmond Rd.	Poor	Asymmetrical canopy, Die-back ~40% @ canopy, Single stem	YES	
55	Pinus resinosa	Red Pine	24	Private: 529 Richmond Rd.	Poor	Asymmetrical canopy, Die-back ~40% @ canopy, Single stem	YES	
56	Pinus resinosa	Red Pine	25	Private: 529 Richmond Rd.	Poor	Asymmetrical canopy, Die-back ~40% @ canopy, Single stem	YES	

#### TREE PRESERVATION / REMOVAL NOTES:

1. TREES IDENTIFIED FOR RETENTION RANGE FROM POOR TO GOOD CONDITION AND CAN BE REASONABLY PROTECTED FROM CONSTRUCTION ACTIVITIES, GIVEN ADEQUATE TREE PROTECTION MEASURES AS DESCRIBED ARE TAKEN. THIS INCLUDES INSTALLATION OF TREE PROTECTION FENCING IN IDENTIFIED LOCATIONS, AND OTHER MEASURES DESCRIBED WITHIN THIS REPORT.

#### 2. NATURAL ELEMENTS:

2.a. NO VALUED WOODLOTS DESIGNATED AS URBAN NATURAL FEATURES OR NO NATURAL ENVIRONMENT AREAS PER THE URBAN NATURAL AREAS ENVIRONMENTAL EVALUATION STUDY (UNAES), ARE FOUND ON THE SUBJECT SITE. THE ADJACENT SITE TO THE NORTH CONTAINS AREAS DESIGNATED AS CONTRIBUTING ROLE TO GREENSPACE IN THE CITY

2.b. NO SIGNIFICANT WOODLANDS ARE FOUND ON THE SUBJECT SITE.

2.c. NO HAZARDOUS WOODLANDS ARE FOUND ON THE SUBJECT SITE.

2.d. NO RIPARIAN WOODLOTS, RARE COMMUNITIES, OR OTHER UNIQUE ECOLOGICAL FEATURES ARE FOUND ON THE SUBJECT SITE.

2.e. NO TREE SPECIES AT RISK AND THEIR HABITAT IS FOUND ON THE SUBJECT SITE.

3. THERE ARE NO OTHER APPLICATIONS AFFECTING THE LAND UPON WHICH TREES ARE TO BE PROTECTED, INJURED OR DESTROYED.

4. MITIGATION MEASURES FOR PROTECTION OF PRESERVED VEGETATION:

4.a. TREE PROTECTION FENCING WILL PROVIDE ADEQUATE PROTECTION TO PRESERVED TREES BY PHYSICALLY SEPARATING A TREE'S CRZ AND CANOPY FROM CONSTRUCTION ACTIVITIES.

5. USE OF HYDRO VAC TECHNOLOGIES AND HAND PRUNING SHALL BE USED TO ENSURE A CLEAN INTERFACE FOR PROPER ROOT PRUNING BY A QUALIFIED ARBORIST (ISA CERTIFIED)

6. A QUALIFIED ARBORIST (ISA CERTIFIED) OR OTHER TREE PROFESSIONAL AS APPROVED BY THE CITY OF OTTAWA MUST PRUNE ROOTS OR BRANCHES THAT EXTEND BEYOND PRESCRIBED TREE PROTECTION ZONE AS REQUIRED. ALL PRUNING OF TREE ROOTS AND BRANCHES MUST BE IN ACCORDANCE WITH GOOD ARBORICULTURAL STANDARDS.

7. TREES SHALL BE INSPECTED BY THE LANDSCAPE ARCHITECT OR CITY FORESTER REGULARLY FOR DAMAGE INCURRED DURING CONSTRUCTION TO ENSURE APPROPRIATE PRUNING OR OTHER MEASURES ARE IMPLEMENTED.

8. THE AREAS WITHIN THE TREE PROTECTION ZONE MUST REMAIN UNDISTURBED AT ALL TIMES. NO WORK OR MATERIAL STORAGE IS PERMITTED WITHIN THE TREE PROTECTION ZONE.

9. TREES THAT HAVE DIED OR HAVE BEEN DAMAGED BEYOND REPAIR WILL BE REMOVED AND REPLACED WITH TREES OF AN EQUIVALENT SIZE AND SPECIES AS APPROVED BY THE LANDSCAPE ARCHITECT OR CITY OF OTTAWA.

10. TREE PROTECTION FENCE MUST NOT BE REMOVED WITHOUT THE WRITTEN AUTHORIZATION OF THE LANDSCAPE ARCHITECT.

11. ALL DISTURBED AREAS TO RESTORE TO FINISHED CONDITION WITH 150mm TOPSOIL AND SOD OR SEED AS INDICATED.

12. ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW REMOVAL WITH LANDSCAPE ARCHITECT OR THE CITY OF OTTAWA PRIOR TO ANY TREE CUTTING.

13. IF CUTTING OF ROOTS OR CHANGING OF GRADES AROUND EXISTING TREES IS SPECIFIED, FOLLOW APPROPRIATE DETAILS AS DIRECTED BY LANDSCAPE ARCHITECT.

14. INSTALL TREE PROTECTION FENCE TO SATISFACTION OF THE LANDSCAPE ARCHITECT. TREE PROTECTION SHALL REMAIN UNTIL SUBSTANTIAL PERFORMANCE OF THE PROJECT OR UPON WRITTEN AUTHORIZATION FROM THE LANDSCAPE ARCHITECT.

15. INSTALLATION OF TREE PROTECTION FENCE SHALL BE LOCATED AT THE CRITICAL ROOT ZONE.

16. THE FOLLOWING TREE PROTECTION MEASURES WILL BE PROVIDED TO ENSURE THE PRESERVATION OF THE TREES IDENTIFIED IN THE DETAILED TREE PLANTING AND CONSERVATION PLAN TO THE SATISFACTION OF FORESTRY SERVICES:

16.a. EQUIPMENT SHALL NOT BE ALLOWED TO OPERATE, PARK, BE REPAIRED OR REFUELED, NOR SHALL CONSTRUCTION ACTIVITIES OCCUR WITHIN THE CRITICAL ROOT ZONE OF ANY TREE. WASTE OR VOLATILE MATERIALS, SUCH AS MINERAL SPIRITS, OIL OR PAINT THINNER SHALL NOT BE DISPOSED ON SITE.

16.b. WHEN EXCAVATION MUST TAKE PLACE WITHIN THE CRITICAL ROOT ZONE OF A TREE, A TRENCH SHALL BE DUG CAREFULLY AND DEEPLY ON THE ROOT-CUTTING (STUMP GRINDER) OR STONE CUTTING (CUT-OFF) MACHINE ALONG THE FURTHEST REACH OF THE CUT.

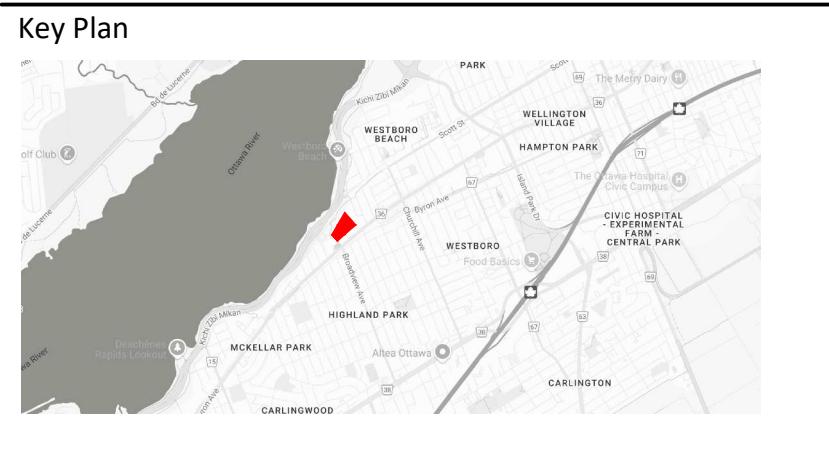
16.c. IF ANY TREE ROOTS ARE EXPOSED DURING CONSTRUCTION, THEY SHALL BE IMMEDIATELY REBURIED WITH SOIL OR COVERED WITH FILTER CLOTH OR WOOD CHIPS AND KEPT MOIST UNTIL THEY CAN BE BURIED PERMANENTLY.

#### TREE PLANTING RECOMMENDATIONS:

1. THE USE OF NATIVE, NON-INVASIVE TREE SPECIES ARE RECOMMENDED. FOR EXAMPLE, BUT NOT LIMITED TO, SPECIES SUCH AS ACER RUBRUM, AESCULUS GLABRA, AMELANCHIER LAEVIS, CELTIS OCCIDENTALIS, GYMNOCLADUS DIDIUS, PINUS STROBUS, QUERCUS MACROCARPA, QUERCUS RUBRA.

2. GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS SHALL FOLLOW IF APPLICABLE TO THE SITE.

Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work by this drawing is not to be used for construction until signed by the Landscape Architect.



REGIONAL GROUP  
ADDRESS: 1737 WOODWARD DRIVE, 2ND FLOOR  
K2C 0P9  
TELEPHONE: (613) 230-2100  
EMAIL: info@regionalgroup.com

Contractor Implementing TCR: N/A  
Schedule of Proposed Works: T.B.D.

