

Scale: 1:300

1 EXISTING CONDITIONS

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,	YES	
2	Gleditsia triacanthos	Honey Locust	25	Private: 495 Richmond Rd.	Good	Included bark 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	Gicultaia triacaritrios	Tioney Loodst	20	Private: 495 Richmond Rd.	Dead	Asymmetrical carropy, Die-back - 1070 @ carropy, Oringic stem	NO NO	Dead tree, potential future hazard
 5	Malus spp.	Crabapple	20	Private: 495 Richmond Rd.	Moderate	Asymmetrical canopy, Die-back ≈20% @canopy, broken limbs,	140	
	maiac opp.	Оладарріз			ouerate	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	Asymmetircal 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	
40				Boundary: 495/529 Richmond Rd.	Dead	Broken limbs	VEC	Dood tree notential future hazard
19				<u> </u>			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	Dood tree of the Color
22	Diameter 1	0. 1. 5:	22	Private: 529 Richmond Rd.	Dead	Assume that I also Bit I also 170's Comment of the	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.	Blue Colorado Spruce	30	Private: 495 Richmond Rd.	Good	Symmetrical canopy, Die-back ≈ 5% @ canopy, Pruned: Limbed-up,	YES	
37	Glauca Picea pungens var.	Blue Colorado Spruce	15	Private: 491 Richmond Rd.	Good	Single stem Symmetrical canopy, Single stem	YES	
38	Glauca 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 wil 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	
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- 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
- 2.a. NO VALUED WOODLOTS DESIGNATED AS URBAN NATURAL FEATURES OR NO NATURAL ENVIRONMENT AREAS PER THE URBAN NATURAL AREAS ENVIRONMENTAL EVALUATION STUDY (UNAEES), 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 HIGH QUALITY, SPECIMEN TREES 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 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.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)
- AND BRANCHES MUST BE IN ACCORDANCE WITH GOOD ARBORICULTURAL STANDARDS.
- CONSTRUCTION TO ENSURE APPROPRIATE PRUNING OR OTHER MEASURES ARE IMPLEMENTED.
- 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.
- 12. ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW REMOVAL WITH LANDSCAPE ARCHITECT AND THE CITY OF OTTAWA PRIOR TO ANY TREE CUTTING.
- DIRECTED BY LANDSCAPE ARCHITECT.
- 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. CRITICAL ROOT ZONE: 10cm x DIAMETER AT BREAST HEIGHT (DBH)
- 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 REFUELLED; NOR SHALL CONSTRUCTION
- SHALL NOT BE DISPOSED OF ON SITE. 16.b. WHEN EXCAVATION MUST TAKE PLACE WITHIN THE CRITICAL ROOT ZONE OF A TREE, A TRENCH SHALL BE DUG CAREFULLY BY HAND OR WITH A ROOT-CUTTING (STUMP GRINDER) OR STONE CUTTING (CUT-OFF) MACHINE ALONG THE FURTHEST
- REACH OF THE CUT.

TREE PRESERVATION / REMOVAL NOTES:

Tree # Botanical Name Common Name DBH (cm)

- 4. MITIGATION MEASURES FOR PROTECTION OF PRESERVED VEGETATION:
- 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
- 7. TREES SHALL BE INSPECTED BY THE LANDSCAPE ARCHITECT OR CITY FORESTER REGULARLY FOR DAMAGE INCURRED DURING
- 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.
- 11. ALL DISTURBED AREAS TO BE RESTORED TO FINISHED CONDITION WITH 150mm TOPSOIL AND SOD OR SEED AS INDICATED.
- 13. IF CUTTING OF ROOTS OR CHANGING OF GRADES AROUND EXISTING TREES IS SPECIFIED, FOLLOW APPROPRIATE DETAILS AS
- 14. INSTALL TREE PROTECTION FENCE TO SATISFACTION OF THE LANDSCAPE ARCHITECT. TREE PROTECTION SHALL REMAIN UNTIL
- EXAMPLE: DBH = 30cm; CRZ = 300cm / 3.0m
- MATERIALS BE STORED OR ANY EARTH MATERIALS BE STOCKPILED; WITHIN THE TREE PROTECTION FENCE OR WITHIN THE CRITICAL ROOT ZONE OF ANY TREE. WASTE OR VOLATILE MATERIALS, SUCH AS MINERAL SPIRITS, OIL OR PAINT THINNER
- 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. This drawing is not to be used for construction until signed by the Landscape Architect.

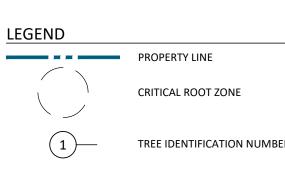


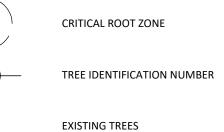


1737 WOODWARD DRIVE, 2ND FLOOR

(613) 230-2100 info@regionalgroup.com

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

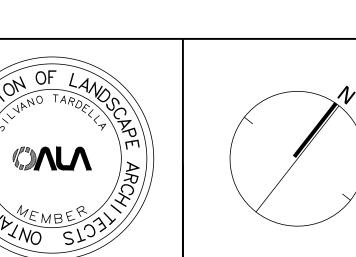


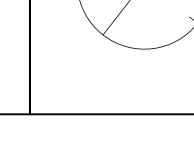


2 Issued for SPA Oct. 23/25 1 Issued for Review

Revision City Approval Stamp

No. Description





PAT GAUVREAU ISA CERTIFICATION NUMBER: ON-3138A



1285 WELLINGTON STREET, OTTAWA, ON K1Y 3A8 CANADA T 613.237.2345 NAKDESIGNSTRATEGIES.COM

495 RICHMOND 495 RICHMOND ROAD

TREE CONSERVATION REPORT

Date Oct, 2025 Scale 1:300 Drawn MB Checked PG

Job No. 24-144



Gleditsia triacanthos Private: 495 Richmond Rd. Asymmetrical canopy, Die-back ≈ 10% @ canopy, Single stem YES Honey Locust Private: 495 Richmond Rd. Gleditsia triacanthos Honey Locust Asymmetrical canopy, Die-back ≈ 10% @ canopy, Single stem Private: 495 Richmond Rd. NO Dead tree, potential future hazard 5 | Malus spp. Private: 495 Richmond Rd. Crabapple Asymmetrical canopy, Die-back ≈20% @canopy, broken limbs, roposed hard surface construction will Pruned branches, Single stem significantly impact CRZ Asymmetrical canopy, Die-back ≈20% @ canopy, Single stem oposed hard surface construction will Crabapple Private: 495 Richmond Rd. Moderate Malus spp. significantly impact CRZ Private: 495 Richmond Rd. Japanese Tree Lilac Syringa reticulata Symmetrical canopy, Die-back ≈10% @ crown, Single stem, Leaf Private: 495 Richmond Rd. Asymmetrical canopy, Die-back ≈70% @ canopy, Single stem Malus spp. Crabapple oposed hard surface construction will significantly impact CRZ Manitoba maple Boundary: 495/529 Richmond Rd. Asymmetrical canopy, Die-back ≈40% @canopy, Multi-stem: 10, Acer negundo YES Heart & Bark Rot @trunk, Leaning, Fruiting fungi on trunk Scots Pine YES 15 Pinus sylvestris Private: 529 Richmond Rd Moderate Asymmetrical canopy, Single stem Private: 529 Richmond Rd. 16 Pinus sylvestris Scots Pine YES Asymmetrical canopy, Single stem Scots Pine Private: 495 Richmond Rd. YES 17 Pinus sylvestris Asymmetircal canopy, Die-back ≈ 10% @ canopy, Single stem Boundary: 495/529 Richmond Rd. Pinus sylvestris Scots Pine Asymmetrical canopy, Die-back ≈ 15% @ canopy, Single stem, YES Boundary: 495/529 Richmond Rd. Dead Dead tree, potential future hazard 20 Pinus sylvestris Scots Pine Private: 529 Richmond Rd. Moderate YES Asymmetrical canopy, Single stem Boundary: 495/529 Richmond Rd Scots Pine Asymmetrical canopy, Single stem YES 21 Pinus sylvestris Private: 529 Richmond Rd. Dead tree, potential future hazard 23 Pinus sylvestris Private: 529 Richmond Rd. Asymmetrical canopy, Die-back ≈ 15% @ canopy, Single stem YES Private: 529 Richmond Rd. 24 Pinus sylvestris Moderate Asymmetrical canopy, Single stem YES Private: 529 Richmond Rd. Dead Dead tree, potential future hazard Private: 529 Richmond Rd. Dead Dead tree, potential future hazard Pinus sylvestris Private: 529 Richmond Rd. Symmetrical canopy, Die-back ≈ 5% @ canopy, Single stem, Co-dominant leaders: 2 @ ≈ 2m above grade Boundary: 495/529 Richmond Rd. Dead Dead tree, potential future hazard Private: 495 Richmond Rd. Dead Dead tree, potential future hazard Pinus sylvestris Scots Pine Boundary: 495/529 Richmond Rd. Asymmetrical canopy, Die-back ≈ 60% @ canopy, Broken limbs, Bark Private: 495 Richmond Rd. Asymmetrical canopy, Single stem, Tree stake in close proximity to Malus spp. Crabapple roposed hard surface construction will significantly impact CRZ Private: 495 Richmond Rd. Asymmetrical canopy, Die-back ≈ 10% @ canopy, Pruned branches, Malus spp. Proposed hard surface construction will significantly impact CRZ Eastern White Cedar Private: 495 Richmond Rd. Asymmetrical canopy, Pruned limbs, Single stem, Co-dominant Thuja occidentalis leaders: 2 @ ≈ 1m above grade Quercus macrocarpa Bur Oak Private: 495 Richmond Rd. Symmetrical canopy, Die-back ≈ 10% @ canopy, Pruned limbs, Blue Colorado Spruce Private: 495 Richmond Rd. Symmetrical canopy, Die-back ≈ 5% @ canopy, Pruned: Limbed-up, Picea pungens var. Blue Colorado Spruce Private: 495 Richmond Rd. Picea pungens var. Symmetrical canopy, Die-back ≈ 5% @ canopy, Pruned: Limbed-up, YES Glauca Symmetrical canopy, Single stem Blue Colorado Spruce Private: 491 Richmond Rd. Picea pungens var. YES Picea pungens var. Blue Colorado Spruce Private: 491 Richmond Rd. Symmetrical canopy, Single stem YES Private: 491 Richmond Rd. Freeman Maple Symmetrical canopy, Single stem 39 Acer freemanii Freeman Maple Private: 491 Richmond Rd. YES 40 Acer freemanii Symmetrical canopy, Single stem YES 41 Acer freemanii Freeman Maple Private: 491 Richmond Rd. Symmetrical canopy, Single stem Colorado Spruce Private: 491 Richmond Rd. YES 42 Picea pungens Symmetrical canopy, Single stem 43 Thuja occidentalis Eastern White Cedar 5 @ ≈20 Private: 529 Richmond Rd. Asymmetrical canopy, Pruned limbs, Multi-stem: 5 YES 44 Acer saccharum Sugar Maple Private: 529 Richmond Rd. Asymmetrical canopy, Die-back ≈ 15%@ canopy, Single stem YES 45 Acer freemanii Freeman Maple Private: 495 Richmond Rd. YES Symmetrical canopy, Single stem, Close proximity to light pole Malus spp. Private: 495 Richmond Rd. Asymmetrical canopy, Die-back ≈ 25%@ canopy, Pruned limbs, Crabapple Proposed hard surface construction will Single stem significantly impact CRZ Private: 529 Richmond Rd. 47 Pinus nigra Austrian Pine Asymmetrical canopy, Die-back ≈ 15%@ canopy, Single stem Private: 529 Richmond Rd. Austrian Pine 48 Pinus nigra Asymmetrical canopy, Broken limbs, Pruned limbs, Single stem Austrian Pine Private: 529 Richmond Rd. Asymmetrical canopy, Die-back ≈ 40%@ canopy, Single stem, YES Eastern White Pine Private: 529 Richmond Rd. Pinus strobus Asymmetrical canopy, Die-back ≈ 40%@ canopy, Pruned Leader, YES 51 Pinus strobus Eastern White Pine Private: 529 Richmond Rd. Asymmetrical canopy, Die-back ≈ 10%@ canopy, Single stem YES Eastern White Pine Private: 529 Richmond Rd. 52 Pinus strobus Asymmetrical canopy, Die-back ≈ 10%@ canopy, Single stem YES Austrian Pine Private: 529 Richmond Rd. Asymmetrical canopy, Die-back ≈ 10%@ canopy, Single stem YES 53 Pinus nigra 54 Pinus resinosa Red Pine Private: 529 Richmond Rd. Asymmetrical canopy, Die-back ≈40% @canopy, Single stem YES 55 Pinus resinosa Private: 529 Richmond Rd. Asymmetrical canopy, Die-back ≈40% @canopy, Single stem YES

Condition

Symmetrical canopy, Die-back ≈ 10% @ canopy, Single stem,

TREE PRESERVATION / REMOVAL NOTES:

56 Pinus resinosa

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

Private: 529 Richmond Rd.

DBH (cm)

Gleditsia triacanthos

Ownership

Private: 495 Richmond Rd.

- 2.a. NO VALUED WOODLOTS DESIGNATED AS URBAN NATURAL FEATURES OR NO NATURAL ENVIRONMENT AREAS PER THE URBAN NATURAL AREAS ENVIRONMENTAL EVALUATION STUDY (UNAEES), 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. NO HIGH QUALITY, SPECIMEN TREES 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 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.
- 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 AND 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. 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 REFUELLED; NOR SHALL CONSTRUCTION MATERIALS BE STORED OR ANY EARTH MATERIALS BE STOCKPILED; WITHIN THE TREE PROTECTION FENCE OR WITHIN THE
- CRITICAL ROOT ZONE OF ANY TREE. WASTE OR VOLATILE MATERIALS, SUCH AS MINERAL SPIRITS, OIL OR PAINT THINNER SHALL NOT BE DISPOSED OF ON SITE. 16.b. WHEN EXCAVATION MUST TAKE PLACE WITHIN THE CRITICAL ROOT ZONE OF A TREE, A TRENCH SHALL BE DUG CAREFULLY BY HAND OR WITH 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.

TREE PLANTING RECOMMENDATIONS:

Asymmetrical canopy, Die-back ≈40% @canopy, Single stem

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,

YES

To Be Preserved

YES

Reason for Removal

GYMNOCLADUS DIOICUS, PINUS STROBUS, QUERCUS MACROCARPA, QUERCUS RUBRA. 2. GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS SHALL BE FOLLOWED IF APPLICABLE TO

(613) 230-2100 info@regionalgroup.com Contractor Implementing TCR: Schedule of Proposed Works:

1737 WOODWARD DRIVE, 2ND FLOOR

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. This

drawing is not to be used for construction until signed by the

Landscape Architect.

Key Plan

PROPERTY LINE CRITICAL ROOT ZONE

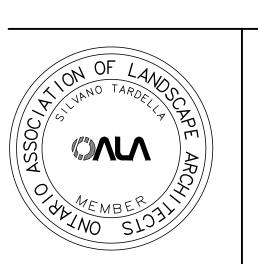
> TREE IDENTIFICATION NUMBER __ _ _ _ _ TREE PROTECTION FENCE

> > PROPOSED HARD SURFACE

EXISTING TREES PROPOSED TREES REFER TO LANDSCAPE PROPOSED BUILDING

2 Issued for SPA 1 Issued for Review Oct. 23/25 No. Description Date Revision

City Approval Stamp



ISA CERTIFICATION NUMBER:

PAT GAUVREAU ON-3138A



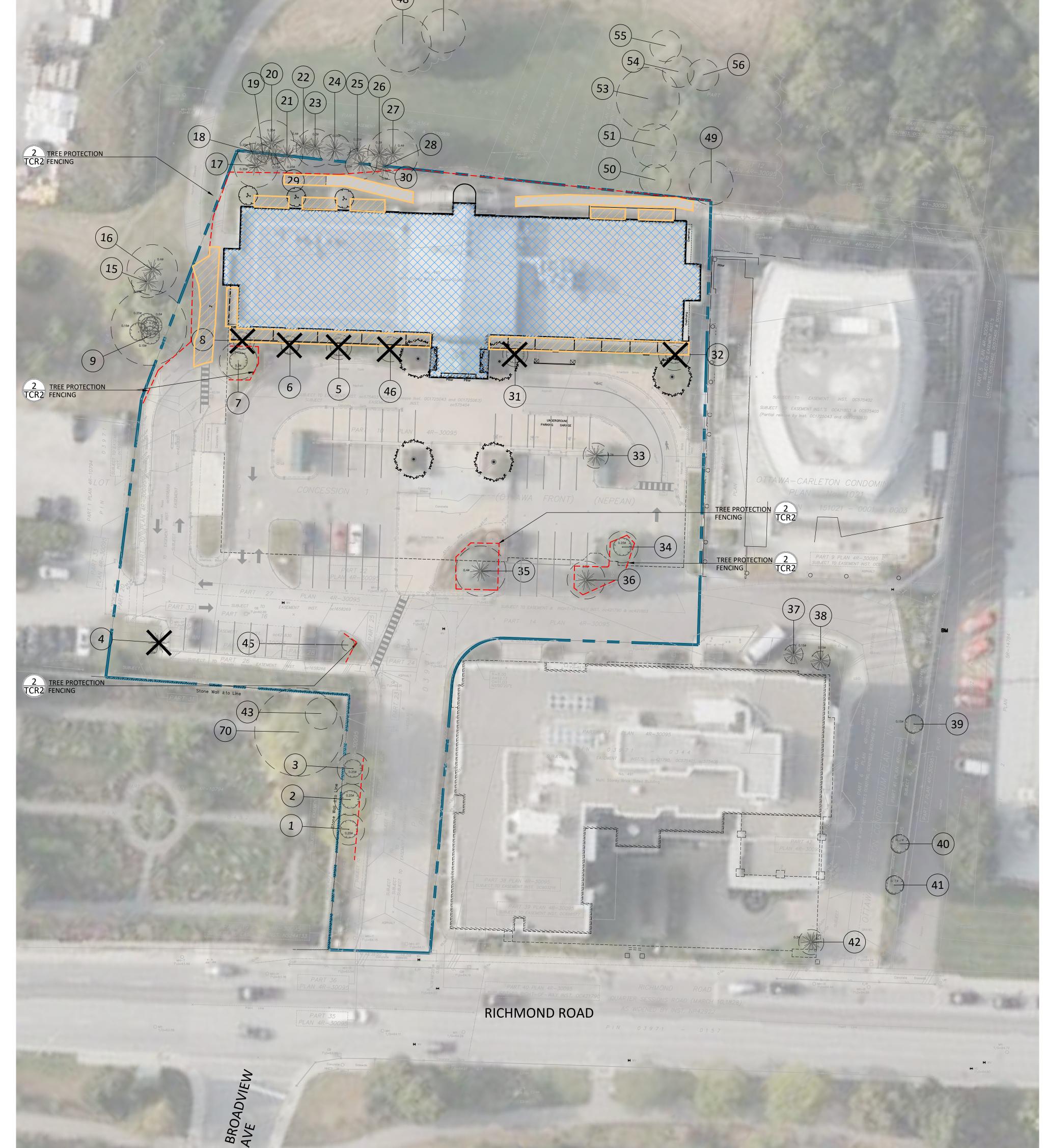
1285 WELLINGTON STREET, OTTAWA, ON K1Y 3A8 CANADA NAKDESIGNSTRATEGIES.COM T 613.237.2345

> 495 RICHMOND 495 RICHMOND ROAD

TREE CONSERVATION REPORT

Date Oct, 2025 Scale 1:300 Drawn MB Checked PG Job No. 24-144

TCR 02



Scale: 1:300

TREE PROTECTION REQUIREMENTS:

1. PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10 X DIAMETER) OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE, AND REMAIN IN PLACE UNTIL

UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK

WITHIN THE CRZ: - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING

- DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;

- ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY.

- DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE

3. TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND

CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. MODULOC - STEEL, PLYWOOD HOARDING, OR SNOW FENCE ON A 2"X4" WOOD FRAME) WITH POSTS 2.4M APART, SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ, AND INSTALLATION MUST MINIMISE DAMAGE TO EXISTING ROOTS.

4. THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED

BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE INFORMATION REPORT, ETC).

ARBORIST. THESE MAY INCLUDE
THE PLACEMENT OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER

THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF

SCALE: NTS

DATE: MARCH 2021

Scale: NTS

DRAWING NO.: 1 of 1

THE CITY'S TREE PROTECTION BY-LAW, 2020-340 PROTECTS BOTH CITY-OWNED TREES, CITY-WIDE, AND PRIVATELY-OWNED TREES WITHIN THE URBAN AREA. PLEASE REFER TO WWW.OTTAWA.CA/TREEBYLAW FOR MORE INFORMATION ON HOW THE TREE BY-LAW APPLIES.

OO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY

- DO NOT RAISE OR LOWER THE EXISTING GRADE;

TUNNEL OR BORE WHEN DIGGING;

HIGH TREE

PROTECTION FENCING AS

REQUIREMENT

POSTS TO BE

SPACED AT 2.4M O/C MAX

AS PER

TREE PROTECTION SPECIFICATION

TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF WORK ACTIVITIES ON SITE.

SOIL AND ROOT DISTURBANCE NOT

PERMITTED

TREE TRUNK

ACCESSIBLE FORMATS AND COMMUNICATION SUPPORTS ARE AVAILABLE, UPON REQUEST

PLAN VIEW

CRZ = DBH X 10CM.— CRZ IS TO BE MEASURED FROM

THE OUTSIDE EDGE OF THE TREE BASE

SIGNAGE AS PER