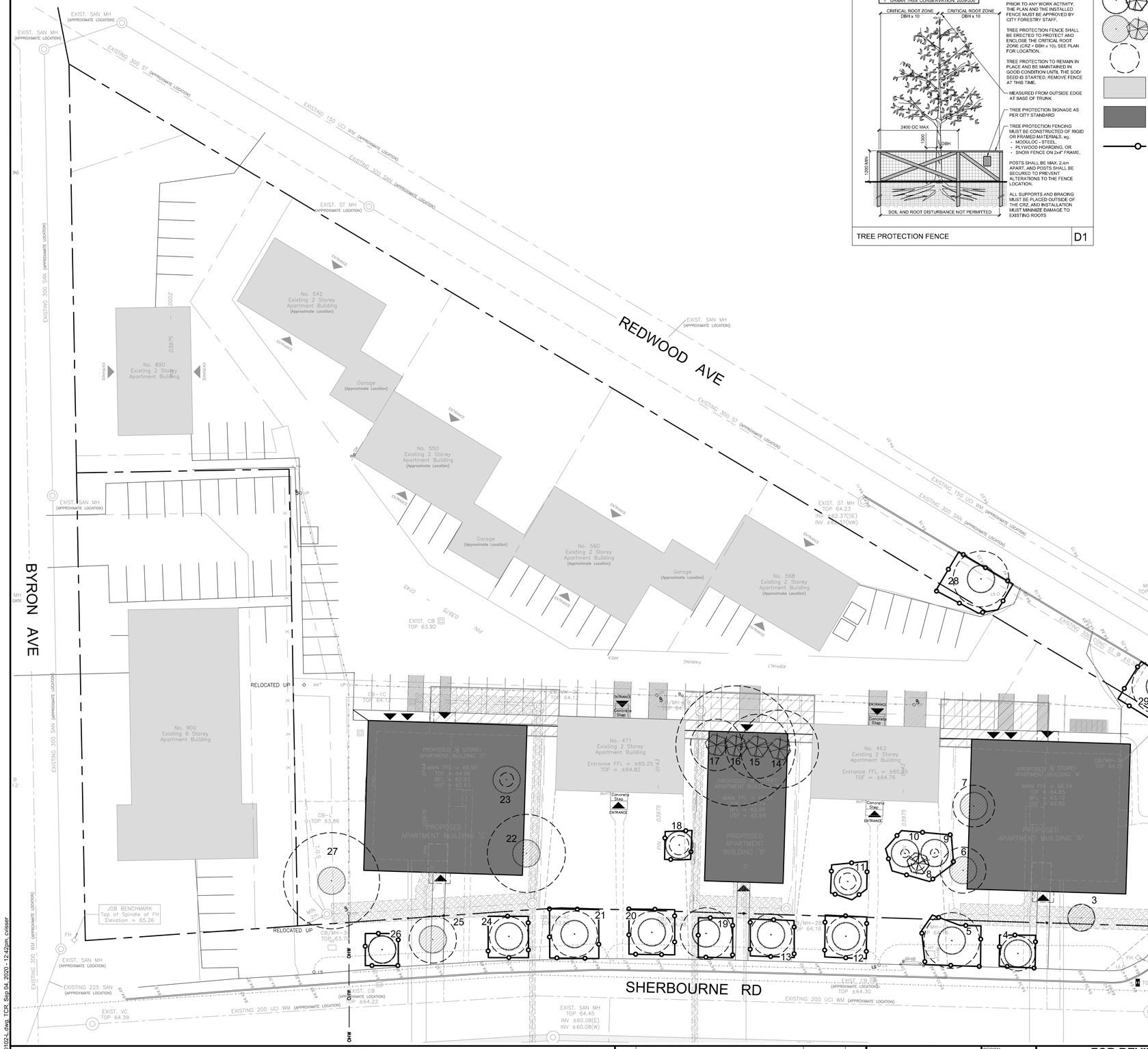
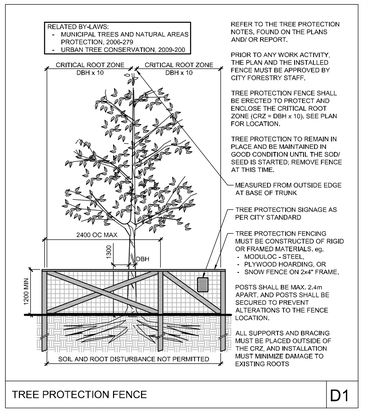
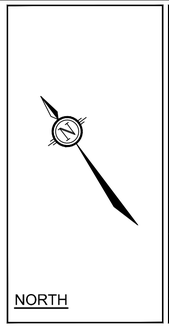




TREE PROTECTION FENCE D1

TREE INVENTORY LEGEND:

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- CRITICAL ROOT ZONE
- EXISTING BUILDING
- PROPOSED BUILDING
- TREE PROTECTION FENCE



EXISTING TREE INVENTORY

No.	Botanical Name	Common Name	DBH (m)	CRZ (m)	Condition	Owner	Remarks	Recomm.
1	*Catalpa speciosa*	Northern Catalpa	0.10	1.00	Fair	Client		PROTECT
2	*Tillia*	Linden	0.37	3.70	DEAD	City		**Remove**
3	*Catalpa speciosa*	Northern Catalpa	0.19	1.90	Good	Client	2 trunks, .12, .12 (DBH=80% of sum)	**Conflict**
4	*Acer platanoides*	Maple	0.25	2.50	Good	City		PROTECT
5	*Gleditsia triacanthos*	Honeylocust	0.40	4.00	Good	City		PROTECT
6	*Catalpa speciosa*	Northern Catalpa	0.33	3.30	Good	Client		**Conflict**
7	*Malus*	Crabapple	0.30	3.00	Fair	Client	3 trunks, .15, .13, .10 (DBH=80% of sum)	**Conflict**
8	*Pinus*	Pine	0.10	1.00	Good	Client		PROTECT
9	*Rhus typhina*	Sumac	0.06	0.60	Fair	Client		PROTECT
10	*Cornus alternifolia*	Pagoda Dogwood	0.06	0.60	Fair	Client		PROTECT
11	*Ulmus*	Elm	0.12	1.20	Fair	Client		PROTECT
12	*Gleditsia triacanthos*	Honeylocust	0.28	2.80	Good	City		PROTECT
13	*Gleditsia triacanthos*	Honeylocust	0.30	3.00	Good	City		PROTECT
14	*Thuja occidentalis*	Cedar	0.56	5.60	Fair	Client	2 trunks, .38, .32 (DBH=80% of sum)	**Conflict**
15	*Thuja occidentalis*	Cedar	0.46	4.60	Fair	Client	2 trunks, .32, .26 (DBH=80% of sum)	**Conflict**
16	*Thuja occidentalis*	Cedar	0.86	8.60	Fair	Client	4 trunks, .28, .28, .26, .26 (DBH=80% of sum)	**Conflict**
17	*Thuja occidentalis*	Cedar	0.37	3.70	Fair	Client		**Conflict**
18	*Catalpa speciosa*	Northern Catalpa	0.14	1.40	Fair	Client		PROTECT
19	*Gleditsia triacanthos*	Honeylocust	0.37	3.70	Fair	City		PROTECT
20	*Gleditsia triacanthos*	Honeylocust	0.30	3.00	Fair	City		PROTECT
21	*Gleditsia triacanthos*	Honeylocust	0.33	3.30	Good	City		PROTECT
22	*Catalpa speciosa*	Northern Catalpa	0.56	5.60	Poor	Client		**Conflict**
23	*Malus*	Crabapple	0.10	1.00	Good	Client		**Conflict**
24	*Gleditsia triacanthos*	Honeylocust	0.28	2.80	Good	City		PROTECT
25	*Gleditsia triacanthos*	Honeylocust	0.34	3.40	Poor	City		**Conflict**
26	*Acer platanoides*	Maple	0.28	2.80	Good	City		PROTECT
27	*Malus*	Crabapple	0.69	6.90	Fair	Client	3 trunks, .28, .28, .30 (DBH=80% of sum)	**Conflict**
28	Tillia	Linden	0.40	4.00	Fair	City		PROTECT
29	Tillia	Linden	0.40	4.00	Good	City		PROTECT

TREE PROTECTION NOTES

The following protection measures must be implemented for retained trees, both on site and on adjacent sites, prior to any work activity, including tree removal. Tree protection fence shall remain in place and be maintained in good condition for the duration of site works:

1. The location of the tree protection fencing must be determined by an arborist and detailed on any associated plans for the site (eg, tree conservation report, tree disclosure report, etc.).
2. Under the guidance of a Landscape Architect or Certified Arborist, erect a fence at the critical root zone (CRZ) of trees. Diameter at breast height (DBH) is the trunk diameter measured at 1.3m height on the tree trunk. The CRZ is calculated as DBH x 10. Refer to the Tree Protection Fence detail.
3. Refer to the Tree Protection Plan for fence location. Both the plan and the installed fence must be approved by City Forestry Staff prior to work commencement.
4. Do not place any material or equipment within 2m of the CRZ of any tree; including outhouses.
5. Do not attach any signs, notices or posters to any tree.
6. Do not disturb, raise or lower the existing grade within the CRZ without approval.
7. Only tunnel or bore when digging within the CRZ of a tree. Hand work only where required within the CRZ; absolutely no machinery permitted.
8. Do not damage the root system, trunk, or branches, or any tree.
9. Do not extend hard surface or significantly change landscaping.
10. Ensure that exhaust fumes from all equipment are directed away from any tree canopy.
11. When trees to be removed overlap with the CRZ of trees to be preserved: cut roots at the edge of the CRZ and grind down stumps after tree removals, do not pull out stumps. Ensure there is not root pulling or disturbance of the ground within the CRZ.
12. If roots must be cut, the Landscape Architect and City Forestry Staff must be notified and consulted prior to work taking place. Roots 20mm or larger should be cut at right angles with clean, sharp horticultural tools without tearing, crushing, or pulling. Refer to City of Ottawa Specification S.P. F-8011 Tree Protection, Excavation of Root Zone.
13. If there appears to be damaged or objectionable branches, the Landscape Architect must be consulted before any work is conducted. Do not prune leaders. Do not prune more than ¼ of crown.
14. If trees are being affected by site works, a water and fertilizing program will need to be set up to the satisfaction of the Landscape Architect.
15. If the protected fenced area must be reduced to facilitate construction, mitigation measures must be prescribed by the Landscape Architect and approved by City Forestry Staff. These may include the placement of plywood, wood chips, or steel plating over the roots for protection.
16. By-laws: All City-owned trees are protected under the Municipal Trees and Natural Areas Protection By-Law (2006-279). Within the urban area, privately-owned trees greater than 50cm diameter on lots 1ha in size or less, and trees greater than 10cm diameter on lots less than 1 ha are protected under the Urban Tree Conservation By-Law (2009-200).

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS 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, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

PRELIMINARY

No.	REVISION	DATE	BY
3.	SITE PLAN APPLICATION	SEPT 4/20	RGJ
2.	ISSUED FOR COORDINATION	AUG 12/20	RGJ
1.	ISSUED FOR CLIENT REVIEW	AUG 10/20	RGJ

SCALE 1:300

DESIGN MEL/RGJ
CHECKED RGJ
DRAWN MEL
CHECKED RGJ
APPROVED RGJ

FOR REVIEW ONLY

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — RYAN G. JAMES — OALA — Sep. 4/20 — MEMBER

NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

LOCATION
SHERBOURNE DEVELOPMENT
463 SHERBOURNE ROAD, OTTAWA

DRAWING NAME
TREE CONSERVATION REPORT

PROJECT No. 120102-00
REV REV # 3
DRAWING No. TCR

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