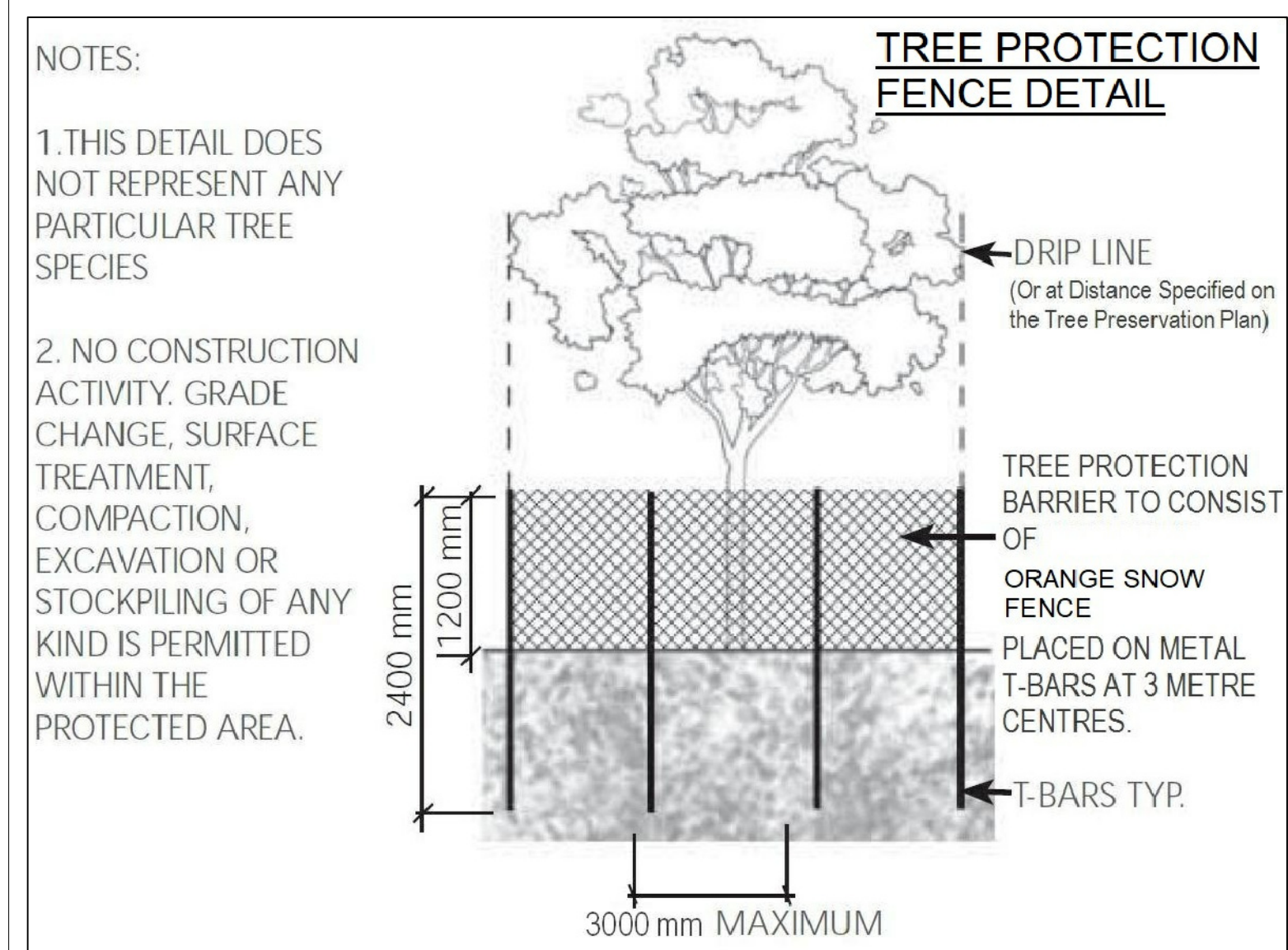




**NOTE:**  
Light encroachment within the dripline of Trees 2 and 18 will be required to accommodate excavation for foundation construction. If any tree roots are exposed during construction they must be pruned by a Certified Arborist in accordance with good arboricultural practice.

**NOTE:**  
Encroachment within the dripline of Trees 1 and 3 will be required to accommodate excavation for foundation construction. Where the limit of encroachment within the dripline of Trees 1 and 3 must be excavated using air spade excavation, under the supervision of a Certified Arborist, to expose any roots that may conflict with development. If any tree roots are exposed they must be pruned by a Certified Arborist in accordance with good arboricultural practice to ensure that they are not damaged by the proposed development.



**TREE PROTECTION PLAN NOTES**  
Prior to site disturbance the owner must confirm that no migratory birds are making use of the site for nesting between March 28th and September 1st. The owner must ensure that the works are in conformance with the Migratory Bird Convention Act and that no migratory bird nests will be impacted by the proposed work. It is the applicant's responsibility to discuss potential tree injury of trees on shared property lines with their neighbours. Should such trees be injured to the point of instability or death the applicant may be held responsible for removal and such issues would be dealt with in civil court or through negotiation.

**TREE PROTECTION ZONE:** No construction activity including grade changes, surface treatments or excavations of any kind is permitted within the area identified on the Tree Protection Plan or Site Plan as a Tree Protection Zone (TPZ). No root cutting is permitted. No storage of materials or fill is permitted within the TPZ. No movement or storage of vehicles or equipment is permitted within the TPZ. Grade changes are not permitted within established TPZ. The area(s) identified as a TPZ must remain undisturbed at all times.

**TREE PROTECTION BARRIERS:**  
Tree protection barriers must be installed around trees to be protected using palge wire fence supported on metal T-bars. All supports and bracing to safely secure the barrier should be outside the TPZ. All such supports and bracing should minimize damage to roots outside the TPZ.

**General Note:**  
Prior to the commencement of any site activity the tree protection barriers specified on this plan must be installed. Established tree protection zones must not be used as construction access, storage or staging areas. The tree protection barriers must remain in effective condition until all site activities including landscaping are complete. Permission from the City/Town must be provided prior to the removal of tree protection fence.

**ARBORICULTURAL WORK:**  
Any roots or branches which extend beyond the TPZ indicated on this plan which require pruning, must be pruned by a Certified Arborist. All pruning of tree roots and branches must be in accordance with good arboricultural standards. Roots located outside the TPZ that have received approval from the City/Town to be pruned must first be exposed by hand digging or by using an air spade. This will allow a proper pruning cut and minimize tearing of the roots.

- LEGEND**
- Surveyed Coniferous Tree Location
  - Handheld GPS Tree Location
  - 18 Tree Number Identified for Preservation (GREEN)
  - 24 Tree Number Identified for Removal (Red)
  - TPZ Tree Preservation Zone Symbol
  - Dripline
  - Property Boundary
  - Tree Protection Fence Location

- Tree Protection Recommendations**  
The following recommendations are made in attempts to reduce the impacts to trees identified for preservation:
- Tree protection fence must be installed at the dripline prior to the commencement of construction (pre-grading), unless noted otherwise on this drawing.
  - Once tree protection fence has been installed it must not be moved, relocated or altered in any way (unless repairing fallen fence etc.) for the duration of the construction period.
  - Gentle air spade excavation must be used, under the supervision of a Certified Arborist, to determine if any tree roots extend beyond the proposed tree protection fence location for Trees 1 and 3.
  - No intrusion into an area identified on Sheet 1 as a tree preservation zone (TPZ) is allowed at anytime during construction.
  - No storage of machinery, construction debris, materials, waste or any other items is allowed within a TPZ.
  - Any tree branches and roots that conflict with the proposed development must be pruned by a Certified Arborist in accordance with good arboricultural practice.
  - Tree protection fencing should be inspected by a Certified Arborist prior to and during construction to ensure that the fencing remains intact and in good repair throughout the stages of development.

**Table 1. Tree Inventory**  
Location: 5558 Drummond Rd & 6141 North St. Niagara Falls Date: 1 Mar. 2023 Surveyors: JJJ

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	DL	Location	Comments	Recom.
1	English Walnut	Juglans regia	45	G	G	G	5	Subject Property	Seam	Preserve
2	English Walnut	Juglans regia	29	G	G	G	4	Subject Property		Preserve
3	English Walnut	Juglans regia	32	G	G	G	4	Subject Property		Preserve
4	English Walnut	Juglans regia	43	G	G	G	5	Subject Property		Remove
5	English Walnut	Juglans regia	33	G	G	G	4	Subject Property		Remove
6	Red Oak	Quercus rubra	36	G	G	G	4	Subject Property		Remove
7	Red Oak	Quercus rubra	27	G	G	G	4	Subject Property		Remove
8	White Mulberry	Morus alba	12	G	G	G	3	Boundary		Preserve
9	White Mulberry	Morus alba	15, 15	FG	G	G	4	Subject Property	Union at ground	Preserve
10	Manitoba Maple	Acer negundo	13	F	G	G	2	Boundary	Included top fence rail	Preserve
11	Common Horsechestnut	Aesculus hippocastanum	17	G	G	G	3	Subject Property		Remove
12	Norway Maple	Acer platanoides	-15, 15	F	G	G	4	Neighbouring	Union at ground	Preserve
13	Pear species	Pyrus sp.	-20	G	F	F	2	Neighbouring	Topped at 3m	Preserve
14	Apple species	Malus sp.	-18, 22	F	F	FF	5	Neighbouring	Union at 0.5 m. 50% crown dieback, bow ed, understorey	Preserve
15	Sweet Cherry	Prunus avium	29	F	FF	FF	4	Subject Property	Union at 1.5 m. broken branches, understorey, 50% crown dieback	Remove
16	Weeping Willow	Salix matsudana	83	FG	G	G	8	Subject Property	Union at 2 m	Remove
17	English Walnut	Juglans regia	12	G	G	G	4	Subject Property	No canker present	Remove
18	Shagbark Hickory	Carya ovata	-70	G	G	G	7	Neighbouring		Preserve
19	Eastern White Cedar	Thuja occidentalis	-35	G	G	G	3	Neighbouring		Preserve
20	White Mulberry	Morus alba	18	G	G	G	3	Subject Property	Bacterial w etw ood	Remove
21	Pecan	Carya illinoensis	42	F	G	G	6	Subject Property	Heavy bark lesions	Remove
22	White Mulberry	Morus alba	13	G	G	G	3	Subject Property		Remove
23	Silver Maple	Acer saccharinum	-20, 20, 25	FG	G	G	4	Neighbouring	Union at ground	Preserve
24	Silver Maple	Acer saccharinum	-25, 25, 20, 15, 25	F	FG	G	5	Boundary	Union at ground	Remove
25	Manitoba Maple	Acer negundo	-15, 17, 15	F	FG	G	4	Subject Property	Union at ground	Remove
26	Pear species	Pyrus sp.	-25, 18	F	F	F	3	Subject Property	Union at 0.4 m	Remove
27	Black Walnut	Juglans nigra	20, 20	F	FG	G	4	Subject Property	Union at 0.4 m	Remove
28	Apple species	Malus sp.	-11	G	FG	G	3	Neighbouring	Pruning w ounds	Preserve
29	Sweet Cherry	Prunus avium	12	F	G	FF	1	Boundary	Heavy black knot	Preserve
30	Manitoba Maple	Acer negundo	-12	G	G	G	2	Neighbouring		Preserve
31	Manitoba Maple	Acer negundo	-13, 14, 12	F	G	G	3	Boundary	Union at ground	Preserve
32	English Walnut	Juglans regia	-40	G	G	G	5	Neighbouring		Preserve
33	English Walnut	Juglans regia	41	G	G	G	6	Subject Property		Remove

**Table Legend**

DBH Diameter at Breast Height (cm)  
TI Trunk Integrity (G, F, P)  
CS Crown Structure (G, F, P)  
CV Crown Vigor (G, F, P)  
DL Dripline (m)  
Recom. Recommendation (preserve/remove)  
G Good  
F Fair  
P Poor  
- Estimate

No.	Description	Date	By
1	Report Submittal	3 Mar. 2023	JJJ

Date Source: Upper Canada Consultants

**5558 Drummond Rd. & 6141 North St.**  
Niagara Falls, ON

**Blythwood Homes**  
5-3483 Portage Road  
Niagara Falls, ON L2J 2K5

**Tree Preservation Plan**

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Project # P363 Sheet # 1  
Date 3 March 2023  
Scale 1:250

