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Consultants

Legend

- DECIDUOUS / CONIFEROUS TREE TO REMAIN
- DECIDUOUS / CONIFEROUS TREE TO BE REMOVED
- TREE ID LABEL, TREE TO REMAIN
- TREE ID LABEL, TREE TO BE REMOVED
- TREE PROTECTION FENCE
- PROPOSED 2.1m BOARD ON BOARD FENCE
- PROPERTY LINE

Notes

1. ALL DRAWINGS SHOULD BE REVIEWED WITH REFERENCE TO COMPLETE CONTRACT DOCUMENTS.
2. REFER TO SHEET T-901 FOR TREE DATA CHART AND RECOMMENDATIONS SUMMARY.

Revision	By	Appd.	YY.MM.DD
1. ISSUED FOR ZBA <td>MP</td> <td>MP</td> <td>24.10.02</td>	MP	MP	24.10.02
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File Name:	DWN	CHKD	DGN	Y2410.02
161414301_imp	Dwn.	Chkd.	Desgn.	YY.MM.DD

Permit-Seal



MICHELLE PEETERS  
ISA 0N-2129A

Client/Project

RICHFIELD CUSTOM HOMES

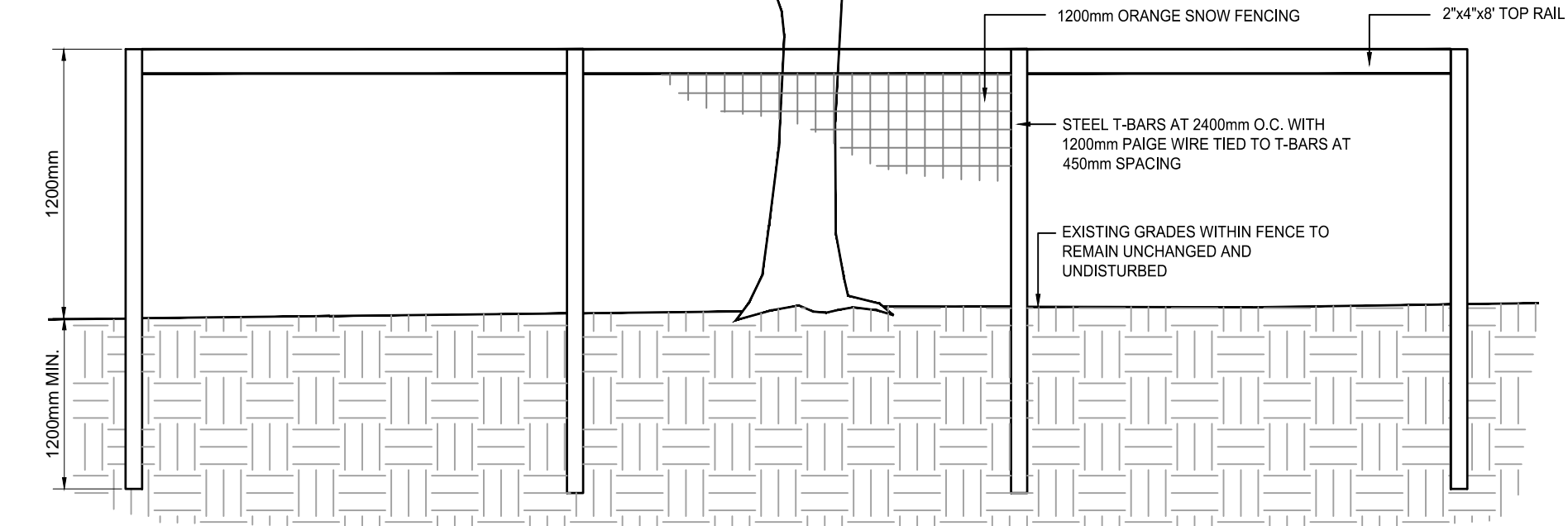
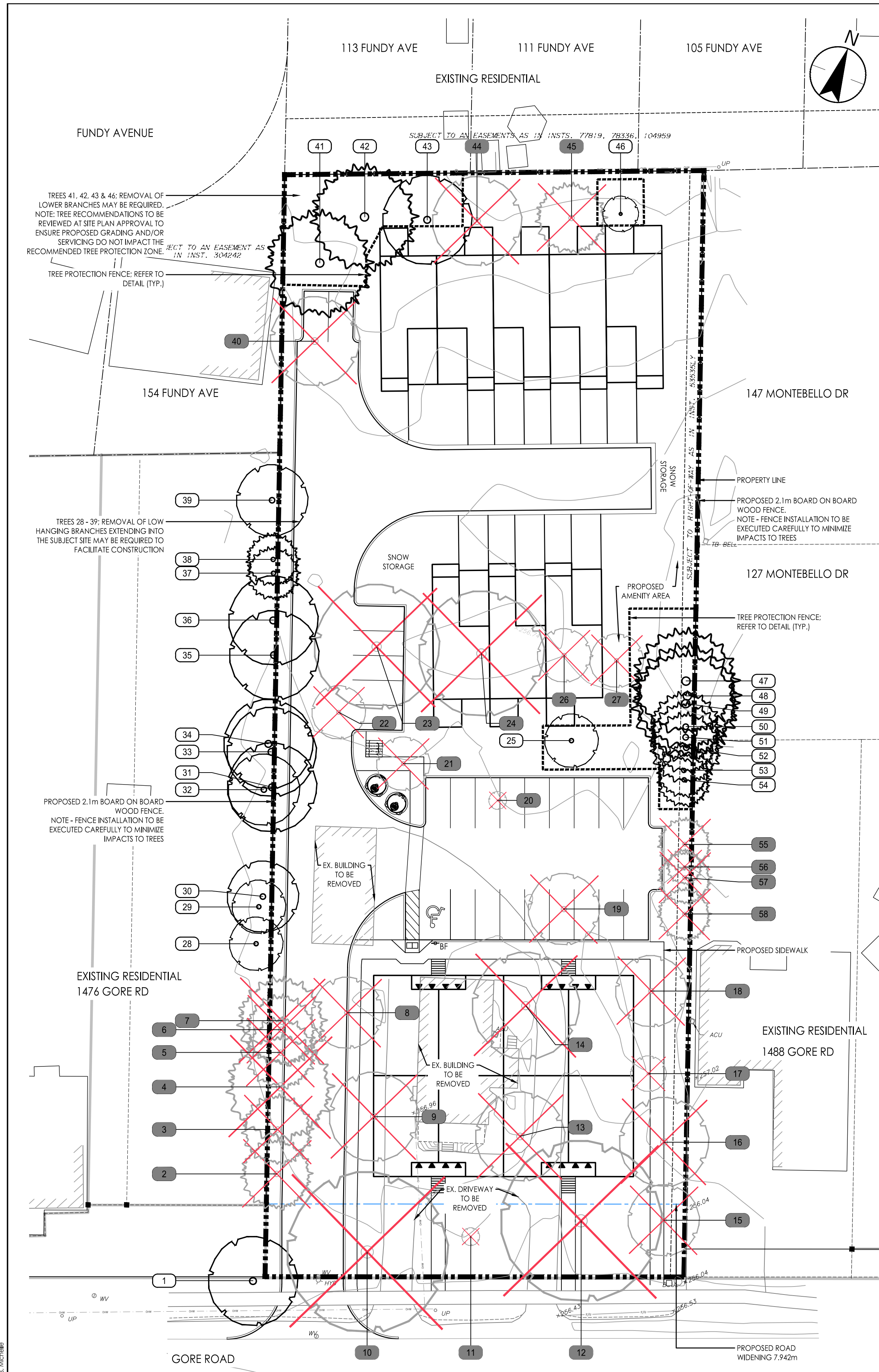
1484 GORE ROAD  
London, ON Canada

Title

TREE MANAGEMENT PLAN  
AND DETAILS

Project No.	Scale	HORZ	1 : 300
161414301	3	0	6m

Drawing No.	Sheet	Revision
T-900	1 of 2	0



PROPOSED TREE PROTECTION FENCING  
N.T.S.

TREE PROTECTION NOTES:

- PRE-CONSTRUCTION RECOMMENDATIONS**
- a) Prior to any construction activity, tree protection fencing is to be installed as per the attached tree management drawings and detail.
  - b) Trees approved for removal are to be clearly indicated in the field (marked with spray paint or other agreed upon method) by the project arborist or landscape architect prior to any tree removal operations. All removals to be undertaken by an ISA certified arborist.
  - c) In accordance with the Migratory Birds Convention Act, 1994, all removals must take place between September 1st and March 31st to avoid disturbing nesting migratory birds. If tree removal occurs between April 1st and August 31st, a biologist is required to complete a search for nests. Once cleared, the contractor has 48 hours to remove. If removal does not occur within 48 hours, another search will be required.
  - d) Care should be taken during the felling operation to avoid damaging the branches, stems, trunks, and roots of nearby trees to be preserved. Where possible, all trees are to be felled towards the construction zone to minimize impacts on adjacent vegetation. All removals to be undertaken by an ISA certified arborist.
  - e) The existing ground-layer vegetation at the base of trees to be preserved is to remain intact within the critical root zone (as defined by the tree protection fencing) so as not to disturb the soil around the base of the existing trees.
  - f) Final site grading plans should ensure that the existing soil moisture conditions are maintained.
- RECOMMENDATIONS RELATED TO THE CONSTRUCTION PROCESS**
- a) Tree protection fencing is to be maintained in good condition and effective for the duration of construction until all construction activity is complete or as per the project arborist or landscape architect.
  - b) Tree protection fencing is to remain intact as per the tree management drawings, and can only be temporarily removed with the express written consent from the project arborist or landscape architect. Should tree protection fencing be temporarily relocated or moved, it is to be reinstated as per the tree management plans as soon as possible.
  - c) No construction, excavation, adding of fill, stockpiling of construction material, or heavy equipment is permitted within the critical root zone within the tree protection fencing.
  - d) When excavation near a tree is required, and it is anticipated that roots will be severed and exposed, duration of exposure is to be minimized to prevent root desiccation.
  - e) During the excavation process, roots 25mm or larger that are severed and exposed should be hand pruned to leave a clean-cut surface. To be undertaken by an ISA certified arborist. Exposed severed roots that cannot be covered in soil on the same day as the cuts are made are to be kept moist. Exposed roots are to be kept moist by covering them with water soaked burlap or any other means available to prevent them from drying out. Adequate moisture levels are to be maintained until such time as topsoil has been replaced satisfactorily or as otherwise directed by the contract administrator.
  - f) In the event that it is necessary to remove limbs or portions of trees to accommodate construction, the consulting arborist is to be informed and the work carried out by an ISA certified arborist.
  - g) Avoid idling heavy equipment under or within close proximity to trees to be preserved to prevent canopy damage from exposure to the heat of the exhaust.
  - h) Broken branches on trees within the subject site to be preserved should be clearly cut as soon as possible after the damage has occurred. To be undertaken by an ISA certified arborist. Should branches on City owned trees be damaged by or during construction, the contractor is to notify City of London Forestry Operations as soon as possible. No person(s) other than City staff or the City's designated contractor may perform work on any City tree.
  - i) Regular communication with the site supervisor and regular monitoring of the site by the project arborist or landscape architect is recommended to ensure proper procedures are followed and protection barriers are maintained. It is the responsibility of the site supervisor to promptly contact the project arborist if any concerns or questions arise regarding trees.
  - j) Watering of preserved trees may be required during construction. Watering details including frequency, timing, method, and volume will be determined by the consulting arborist and the contract administrator.
  - k) In the event that any trees designated for preservation located within the project area or on adjacent properties are damaged or killed by the actions of the contractor, or their agents/sub-contractors, the contractor will be responsible for the replacement of the destroyed plant material with material of equal value and comparable species to the satisfaction of the landscape architect and the owner.
- POST-CONSTRUCTION RECOMMENDATIONS**
- k) Avoid discharging rain water leaders adjacent to retained trees, as this may result in an overly moist environment which can cause root rot.
  - l) After all work is completed, tree protection fences and any other impact mitigation paraphernalia can be removed under the direction of the project arborist or landscape architect.
  - m) A final review must be undertaken by the project arborist or landscape architect to ensure that all mitigation measures as described above have been met.
  - n) Post construction monitoring of trees may be required.

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 ORIGINAL SHEET - ANS/D

TREE ASSESSMENT DATA CHART

Tree ID	Botanical Name	Common Name	DBH (cm)		Drip Line Radius (m)	Condition			Overall Condition	Health Comments	Ownership	Action	Rationale
			Stem 1	Stem 2		Trunk Integrity	Crown Structure	Crown Vigour					
1	<i>Acer platanoides</i>	Norway Maple	63	-	5.0	Fair	Fair	Fair	Fair	Poorly hydro pruned, dead wood, sealing trunk wound	CoL ROW	Protect	Minor root loss
2	<i>Picea abies</i>	Norway Spruce	62	-	4.0	Dead	Dead	Dead	Dead	Co-dominant	Subject site	Remove	Direct conflict with proposed site plan
3	<i>Picea abies</i>	Norway Spruce	41	-	4.0	Fair	Fair	Fair	Fair	No central leader, foliage only at top quarter of canopy	Subject site	Remove	Direct conflict with proposed site plan
4	<i>Picea abies</i>	Norway Spruce	74	-	6.0	Fair	Fair	Fair	Fair	Pineapple gall, limbed up 6m, thin Co-dominant	Subject site	Remove	Direct conflict with proposed site plan
5	<i>Picea abies</i>	Norway Spruce	49	-	4.0	Poor	Fair	Fair	Poor	1 of 2 trunks has cracked and is leaning on adjacent tree next door. Co-dominant <b>Hazard!</b>	Subject site	Remove	Direct conflict with proposed site plan
6	<i>Picea abies</i>	Norway Spruce	29	-	4.0	Fair	Fair	Fair	Fair	Limbed up 6m. Co-dominant	Subject site	Remove	Direct conflict with proposed site plan
7	<i>Picea abies</i>	Norway Spruce	64	-	5.0	Fair	Fair	Fair	Fair	Limbed up 6m. Co-dominant	Subject site	Remove	Direct conflict with proposed site plan
8	<i>Cercis canadensis</i>	Forest Pansy Redbud	16	-	4.0	Good	Good	Good	Good	Specimen	Subject site	Remove	Direct conflict with proposed site plan
9	<i>Acer platanoides</i>	Norway Maple	47	-	5.0	Good	Good	Good	Good	Slight lean	Subject site	Remove	Direct conflict with proposed site plan
10	<i>Juglans nigra</i>	Black Walnut	99	-	9.0	Good	Good	Good	Good	Specimen, minor hydro pruning, Epicormic shooting	Subject site	Remove	Direct conflict with proposed site plan
11	<i>Acer saccharum</i>	Sugar Maple	4	-	1.0	Good	Good	Good	Good		Subject site	Remove	Direct conflict with proposed site plan
12	<i>Juglans nigra</i>	Black Walnut	66	-	9.0	Good	Good	Good	Good	Specimen	Subject site	Remove	Direct conflict with proposed site plan
13	<i>Acer platanoides</i>	Norway Maple	62	-	5.0	Good	Good	Good	Good	Limited root space	Subject site	Remove	Direct conflict with proposed site plan
14	<i>Acer platanoides</i>	Norway Maple	84	-	6.0	Good	Good	Good	Good	Limited root space, sealed prune cuts	Subject site	Remove	Direct conflict with proposed site plan
15	<i>Acer platanoides</i>	Norway Maple	30	-	4.0	Good	Good	Good	Good	Suppressed	Subject site	Remove	Direct conflict with proposed site plan
16	<i>Acer saccharinum</i>	Silver Maple	39	-	5.0	Good	Good	Fair	Good	Sparse crown	Subject site	Remove	Direct conflict with proposed site plan
17	<i>Gleditsia triacanthos</i>	Ruby Lace Honeylocust	7	-	2.0	Good	Good	Good	Good		Subject site	Remove	Direct conflict with proposed site plan
18	<i>Acer rubrum</i>	Red Maple	31	-	4.0	Good	Good	Good	Good	Low full crown	Subject site	Remove	Direct conflict with proposed site plan
19	<i>Tilia americana</i>	Basswood	49	-	4.0	Good	Good	Good	Good	Low full crown	Subject site	Remove	Direct conflict with proposed site plan
20	<i>Acer platanoides</i>	Norway Maple	6	-	1.0	Good	Good	Good	Good		Subject site	Remove	Direct conflict with proposed site plan
21	<i>Gleditsia triacanthos</i>	Ruby Lace Honeylocust	11	-	3.0	Good	Good	Good	Good		Subject site	Remove	Direct conflict with proposed site plan
22	<i>Fagus sylvatica</i>	European Beech	15	-	3.0	Good	Good	Good	Good	Specimen	Subject site	Remove	Direct conflict with proposed site plan
23	<i>Acer saccharum</i>	Sugar Maple	58	-	7.0	Good	Good	Good	Good		Subject site	Remove	Direct conflict with proposed site plan
24	<i>Acer platanoides</i>	Norway Maple	62	-	7.0	Good	Fair	Good	Good	Matted root flare. Co-dominant	Subject site	Remove	Direct conflict with proposed site plan
25	<i>Fagus grandifolia</i>	American Beech	18	-	3.0	Good	Good	Good	Good		Subject site	Protect	Ability to retain TBD at time of SPA
26	<i>Tilia cordata</i>	Little-Leaf Linden	19	-	3.0	Good	Good	Good	Good		Subject site	Remove	Direct conflict with proposed site plan
27	<i>Quercus rubra</i>	Red Oak	19	-	3.0	Good	Good	Good	Good		Subject site	Remove	Direct conflict with proposed site plan
28	<i>Morus alba</i>	White Mulberry	18	-	3.0	Good	Good	Good	Good		1476 Gore Rd	Protect	Minor to moderate root damage expected
29	<i>Morus alba</i>	White Mulberry	14	-	3.0	Good	Good	Good	Good		1476 Gore Rd	Protect	Minor to moderate root damage expected
30	<i>Morus alba</i>	White Mulberry	30	30	4.0	Good	Good	Good	Good	Union at grade	1476 Gore Rd	Protect	Minor to moderate root damage expected
31	<i>Celtis occidentalis</i>	Hackberry	34	-	5.0	Good	Good	Good	Good	Majority of canopy extends into subject site. Co-dominant	Boundary Subject site & 1476 Gore Rd	Protect	Minor to moderate root damage expected
32	<i>Morus alba</i>	White Mulberry	32	-	4.0	Good	Good	Good	Good	Suppressed	1476 Gore Rd	Protect	Minor to moderate root damage expected
33	<i>Celtis occidentalis</i>	Hackberry	25	-	5.0	Good	Good	Good	Good	Entire canopy extends into subject site	Boundary Subject site & 1476 Gore Rd	Protect	Minor to moderate root damage expected
34	<i>Celtis occidentalis</i>	Hackberry	41	-	5.0	Good	Good	Good	Good		1476 Gore Rd	Protect	Minor to moderate root damage expected
35	<i>Celtis occidentalis</i>	Hackberry	33	-	5.0	Good	Good	Good	Good	Low branched into subject site	1476 Gore Rd	Protect	Minor to moderate root damage expected
36	<i>Morus alba</i>	White Mulberry	31	20	5.0	Fair	Good	Good	Good	Co-dominant	1476 Gore Rd	Protect	Minor to moderate root damage expected
37	<i>Picea glauca</i>	White Spruce	20	19	3.0	Fair	Fair	Poor	Poor	Sparse crown, significant dead wood. Co-dominant	1476 Gore Rd	Protect	Minor to moderate root damage expected
38	<i>Picea glauca</i>	White Spruce	29	-	3.0	Fair	Fair	Fair	Fair	Sparse crown, significant dead wood	1476 Gore Rd	Protect	Minor to moderate root damage expected
39	<i>Prunus serotina</i>	Black Cherry	33	-	4.0	Fair	Fair	Fair	Fair	2nd stump at base. Lean away from site	1476 Gore Rd	Protect	Minor to moderate root damage expected
40	<i>Gleditsia triacanthos</i>	Honey-Locust	34	-	5.0	Good	Good	Good	Good		Subject site	Remove	Direct conflict with proposed site plan
41	<i>Picea abies</i>	Norway Spruce	56	-	6.0	Good	Good	Good	Good	Limbed up 2m	Subject site	Protect	Grading to be limited to proposed tree protection fence as shown on plan
42	<i>Picea abies</i>	Norway Spruce	52	-	6.0	Good	Good	Good	Good	Limbed up 2m	Subject site	Protect	Grading to be limited to proposed tree protection fence as shown on plan
43	<i>Acer saccharinum</i>	Silver Maple	38	-	5.0	Good	Good	Good	Good		Subject site	Protect	Grading to be limited to proposed tree protection fence as shown on plan
44	<i>Acer platanoides</i>	Norway Maple	35	-	5.0	Good	Good	Good	Good	Low full crown	Subject site	Remove	Direct conflict with proposed site plan
45	<i>Pinus sylvestris</i>	Scots Pine	34	-	4.0	Good	Good	Fair	Fair	Very sparse crown. Co-dominant	Subject site	Remove	Conflict with proposed site plan
46	<i>Acer platanoides</i>	Norway Maple	13	-	2.0	Good	Good	Good	Good		Subject site	Protect	Grading to be limited to proposed tree protection fence as shown on plan
47	<i>Pinus strobus</i>	White Pine	71	-	6.0	Good	Good	Good	Good	Specimen grouping	Subject site	Protect	Grading to be limited to proposed tree protection fence as shown on plan
48	<i>Pinus strobus</i>	White Pine	61	-	6.0	Good	Good	Good	Good	Specimen grouping	Subject site	Protect	Grading to be limited to proposed tree protection fence as shown on plan
49	<i>Pinus strobus</i>	White Pine	56	-	6.0	Good	Good	Good	Good	Specimen grouping	Subject site	Protect	Grading to be limited to proposed tree protection fence as shown on plan
50	<i>Picea glauca</i>	White Spruce	18	-	4.0	Good	Good	Good	Good	Suppressed	Subject site	Protect	Grading to be limited to proposed tree protection fence as shown on plan
51	<i>Picea glauca</i>	White Spruce	35	-	4.0	Good	Good	Good	Good		Subject site	Protect	Grading to be limited to proposed tree protection fence as shown on plan
52	<i>Picea glauca</i>	White Spruce	42	-	4.0	Good	Good	Good	Good		Subject site	Protect	Grading to be limited to proposed tree protection fence as shown on plan
53	<i>Picea glauca</i>	White Spruce	26	-	3.0	Good	Good	Good	Good		Subject site	Protect	Grading to be limited to proposed tree protection fence as shown on plan
54	<i>Picea glauca</i>	White Spruce	39	-	3.0	Good	Good	Good	Good		Subject site	Protect	Grading to be limited to proposed tree protection fence as shown on plan
55	<i>Picea glauca</i>	White Spruce	43	-	3.0	Good	Good	Good	Good		Subject site	Remove	Conflict with proposed site plan
56	<i>Picea glauca</i>	White Spruce	25	-	2.0	Good	Good	Good	Good		Subject site	Remove	Conflict with proposed site plan
57	<i>Picea glauca</i>	White Spruce	51	-	3.0	Good	Good	Good	Good	Minor deadwood	Subject site	Remove	Conflict with proposed site plan
58	<i>Picea glauca</i>	White Spruce	37	-	3.0	Good	Good	Good	Good	Co-dominant	Subject site	Remove	Conflict with proposed site plan

TREE RECOMMENDATION SUMMARY

QUANTITY OF TREES ASSESSED:	58
QUANTITY OF TREES WITHIN CITY ROW:	1
QUANTITY OF TREES WITHIN SUBJECT SITE:	45
QUANTITY OF TREES ON ADJACENT LANDS:	10
QUANTITY OF BOUNDARY TREES:	2
QUANTITY OF TREES RECOMMENDED FOR PRESERVATION:	26
QUANTITY OF TREES RECOMMENDED FOR REMOVAL:	32
AGGREGATE DBH OF TREES RECOMMENDED FOR REMOVAL:	1302cm

NOTE: THESE RECOMMENDATIONS REFLECT EXPECTED CONSTRUCTION IMPACTS BASED ON THE CURRENT SITE PLAN. ADDITIONAL TREES MAY NEED TO BE REMOVED TO FACILITATE GRADING AND SERVICING. FURTHER REVIEW OF TREE IMPACTS TO BE COMPLETED AT THE TIME OF SITE PLAN APPROVAL.



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Legend

Notes  
1. ALL DRAWINGS SHOULD BE REVIEWED WITH REFERENCE TO COMPLETE CONTRACT DOCUMENTS.

Revision	By	Appd.	YY.MM.DD
1. ISSUED FOR ZBA	MP	MP	24.10.02
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DWN CHKD DSGN Y241002  
Dwn. Chkd. Dsgn. YY.MM.DD



Client/Project  
RICHFIELD CUSTOM HOMES

1484 GORE ROAD  
London, ON Canada

Title  
TREE ASSESSMENT DATA CHART  
AND TREE RECOMMENDATION SUMMARY

Project No. 161414301 Scale NOT TO SCALE  
Drawing No. T-901 Sheet 2 of 2 Revision 0

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