TREE INVENTORY LEGEND

Biological Health

H (High Quality) - Vigorous growth and desirable urban tree species with no apparent symptoms of disease or pests.
MH (Medium-High Quality) - Moderate growth of high quality urban species with minor symptoms of disease that are aesthetic only and have less than 5% dieback.
M (Medium Quality) - Moderate growth of any species with minor dieback of less than 15% of canopy and/or minor symptoms of disease or pests.
ML (Medium-Low Quality) - Low vigour, with dieback of 15% - 50% of canopy and/or major symptoms of disease or pests.
L (Low Quality) - More than 50% of the canopy is dead.

Structural Condition

H (High Quality) - No apparent defects to root crown, trunk, leader, or major limbs.
MH (Medium-High Quality) - No significant defects to root crown or trunk and minor defects to canopy including limbs.
M (Medium Quality) - Minor defects to important elements (root crown, trunk, leader, and main branch union or major limbs).
ML (Medium-Low Quality) - Major defects that suggest risk of declining to low quality within 2-10 years.
L (Low Quality) - Major defects that have an immediate risk of failure.

Recommended Action

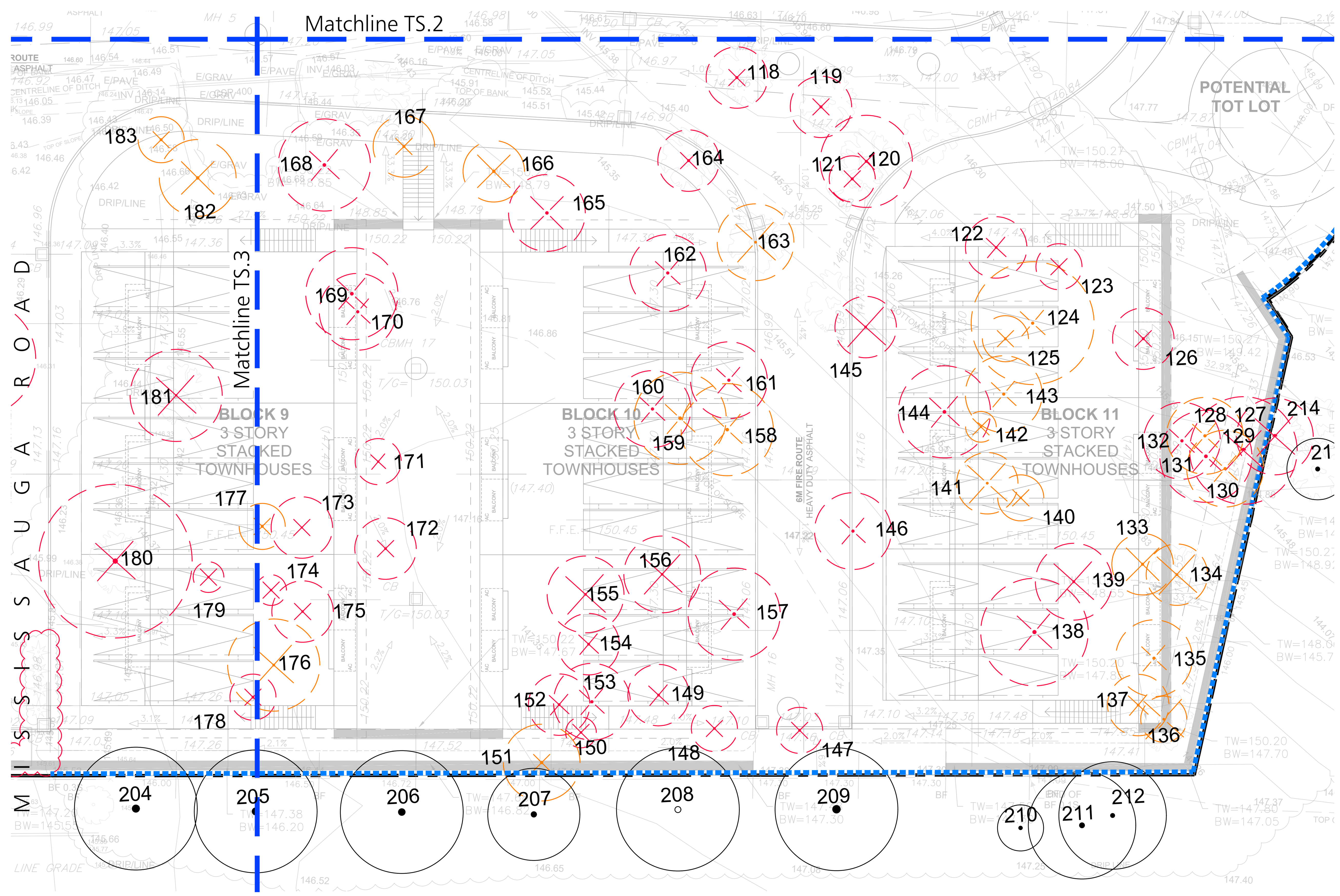
P - Preserve
R - Remove for poor condition
RC - Remove for Construction
R* - Remove with Neighbours Approval
R** - Remove with Town's Approval
T - Transplant

Comments

B	Borer
BB	Broken or hanging branches
BF	Backfilled
CS	Compacted soil
DB	Dead branches
FFB	Fungus Fruiting Bodies
G	Girdling
HA	Hazard
IB	Included bark
_° LS	Lean showing direction (i.e. LS=lean south)
2L	2 leaders or codominant stems
MB	Multibranched node
MS/ML	Multistem
PL	Pruned limbs
SU	Supressed crown
TB	Torn/broken branch
%TD	Percent trunk circumference that is damaged.
TH	Top heavy
UB	Unbalanced crown (N,S,E,W indicates weighted side of crown)
V	Vine growing in tree
WB	Witches broom growth
WP	Woodpecker damage
WS	Watersprouts
ZZ	Zigzag trunk
_%D	X% crown is dead

Trees less than 15cmØ caliper, and large shrubs may exist on the site. It is the contractors responsibility to determine the extent of possible removals by field review prior to submission of quotations for removals work.

New Tree No.	Tree No.	Species	DBH (cm)	Combined DBH	Measure to Drip Line diameter (m)	Biological Health	Structural Condition	Recommended Action	Comments	Location Designation
118	94	Ulmus americana	15		5	M	M	n/a	Tree removed since original survey	S
119	95	Ulmus americana	19		6	M	M	n/a	Tree removed since original survey	S
120	96	Ulmus americana	12, 17	17.0	6	M	M	n/a	Tree removed since original survey	S
121	185	Ulmus americana	12, 14	16.1	3	M	M	RC	2L, IB	S
122	319	Populus tremuloides	19.8		4	MH	MH	RC	Crack	S
123		Ulmus laevis	10.7		3	M	M	RC		S
124	318	Ulmus laevis	23		8	M	M	RC	Minor vine	S
125		Fraxinus pennsylvanica	12, 10	14.8	3	D	D	R	DEAD	S
126		Juglans nigra	13.6		4	H	H	RC	10° Lean (W)	S
127	181	Juglans nigra	13.8, 18.3, 13.4, 16.3	24.9	8	M	M	RC	IB x 2, wound, 10% TD	S
128	315	Fraxinus pennsylvanica	12		2	D	D	R	DEAD, Vine	S
129	182	Juglans nigra	24.5, 23.3	21.9	10	M	M	RC	2L, 1 hanging branch	S
130	313	Fraxinus pennsylvanica	13.9		5	L	L	R	EAB, UB (S)	S
131	314	Juglans nigra	14, 18	17.9	6	M	MH	RC	DB(med), IB, 2 L, UB (S), Vine	S
132	316	Juglans nigra	15		5	MH	MH	RC	10° Lean (W)	S
133		Fraxinus pennsylvanica	14		4	L	L	R	DEAD	S
134	189	Fraxinus pennsylvanica	14, 10	15.5	4	D	D	R	DEAD	S
135	312	Fraxinus pennsylvanica	10.5		5	D	D	R	DEAD, fallen	S
136	188	Fraxinus pennsylvanica	17		3	D	D	R	DEAD, Broken/ Fallen	S
137	311	Acer negundo	11.7, 11.5, 10	18.2	7	ML	ML	RC		S
138	310	Juglans nigra	25.5		7	MH	MH	RC	DB(small)	S
139	187	Juglans nigra	29.9		8	MH	M	RC	Vine	S
140		Fraxinus pennsylvanica	10.1		3	L	L	R		S
141	183	Juglans nigra	11.3		4	H	H	RC	DB (med), IB, ML	S
142		Fraxinus pennsylvanica	10.1		2	L	L	R		S
143	317	Ulmus laevis	18.1		5	M	ML	RC	Vine	S
144	320	Acer negundo	16, 13.1	17.1	6	M	M	RC	20° Lean (NW), 2L, IB	S
145	184	Juglans nigra	19.7		6	MH	MH	RC	ML, V	S
146	309	Fraxinus pennsylvanica	13		5	D	D	R	DEAD	S
147		Tilia Americana	11.8		3	H	MH	RC	UB (N)	S
148		Juglans nigra	11.1		3	H	H	RC		S
149	307	Tilia americana	12.9		3	H	H	RC		S
150		Tilia Americana	10		2	H	H	RC		S
151		Fraxinus pennsylvanica	15		5	D	D	R	DEAD	S
152	305	Tilia americana	10.8		2	H	H	RC		S
153	306	Tilia americana	14.1		2.5	ML	M	RC	50% Canopy Dead	S
154	304	Juglans nigra	14.4		4	H	H	RC		S
155	90	Juglans nigra	23.4		7	H	H	RC		S
156	91	Juglans nigra	17, 16, 21	23.2	7	MH	M	RC	3L crossing, IB	S
157	308	Juglans nigra	19.7		7	H	H	RC	V(grape)	S
158		Fraxinus pennsylvanica	16.7		6	L	L	R	No EAB?	S
159	322	Juglans nigra	16.9		4	H	H	RC		S
160	323	Fraxinus pennsylvanica	20.9		5	D	D	RC	EAB, DEAD	S
161	321	Juglans nigra	18		6	H	H	RC		S
162	324	Quercus rubra	19.1		5	H	H	RC		S
163	97	Juglans nigra	13.5, 22.3, 17.7	23.1	9	MH	M	RC	IB, 3 Leaders, heavy vine	S
164	93	Juglans nigra	23.7		7	MH	M	RC	Vine, 2L	S
165		Juglans nigra	16.4		5	H	MH	RC	Vine	S
166		Fraxinus pennsylvanica	15.5		4	D	D	R	EAB, DEAD	S
167	92	Fraxinus pennsylvanica	11.5		3	L	L	R		S
168	300	Crataegus sp.	12,8x4	21.0	5	M	M	RC	DB(med), BB	S
169	301	Pinus sylvestris	22.7		5	M	M	RC		S
170	302	Pinus sylvestris	19.4		5	M	M	RC		S
171	303	Juniperus virginiana	18		4	M	M	RC	Crack	S
172		Robinia pseudoacacia	11.5		4	H	H	RC		S
173		Crataegus	7, 6, 5, 5, 6, 6	18.7	4	M	M	RC		S
174		Quercus macrocarpa	10		2	H	H	RC		S
175		Crataegus	10, 8, 8, 8, 7	20.2	4	M	M	RC		S
176	89	Ulmus laevis	12,18,28	24.1	6	L	L	R	Tree removed since original survey	S
177		Fraxinus pennsylvanica	13		3	L	L	R	EAB	S



TREE PROTECTION PLAN
1:200

LEGEND

Property Line
Tree protection -solid hoarding
Optimal Tree Protection Zone (TPZ) (distance from trunk shown on drawing)
Existing tree to be preserved
Existing tree to be removed
Existing tree to be removed Dead, girdled or dangerous.

LIMITING CONDITIONS:

This tree inventory was derived from data gathered on the site using accepted arboricultural practices. This includes a visual examination of all above ground parts of the tree for structural defects and signs of health and vigour. All examination took place from the ground plane and no trees were cored, probed or climbed. There was also no detailed inspection of the root crown where excavation would have been required.

This inventory describes the health, structural stability and identifies potential hazards of the trees to a reasonable extent. Where dead branches or other are identified in the notes it is the owners responsibility to take action. This inventory does not provide or imply a guarantee that these trees or branches will remain standing intact. The stability of any tree or branches of a tree cannot be predicted with absolute certainty under all circumstances.

There is, likewise, no guarantee of survival for those trees to be preserved during construction but which are subject to injury. Tree preservation guidelines that are provided in this report are generally suitable for the tree as determined by the visual assessment. However, there is no guarantee that these guidelines will be followed throughout construction unless an arborist is retained for complete supervision of the site at all times. Even with complete supervision, roots in an urban environment are unpredictable. Guidelines, that suppose an even distribution of roots may not be effective in cases where roots have clustered in small areas.

The assessment in this inventory is valid only at the time of inspection.

Jon Woodside
ISA Certified Arborist
ON-1439A
Baker Turner Inc.

REVISIONS

DATE	DESCRIPTION
19, Jun 25	Issued for OPA/ZBA

NOTE: Contractor is to check and verify all dimensions and conditions on the project, and is to immediately report any discrepancies to the landscape architect before proceeding with the work.

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Project Title

Client Name

Thorny Brae Residential
1765, 1775 Thorny Brae Place
Mississauga, ON
Tree Protection Plan

Date January 2025	Issued
Job Number BTI-1767	Drawn By DA
Scale 1:200	Checked By JW
Sheet Number TS.4 of 4	File Number FILE NO.