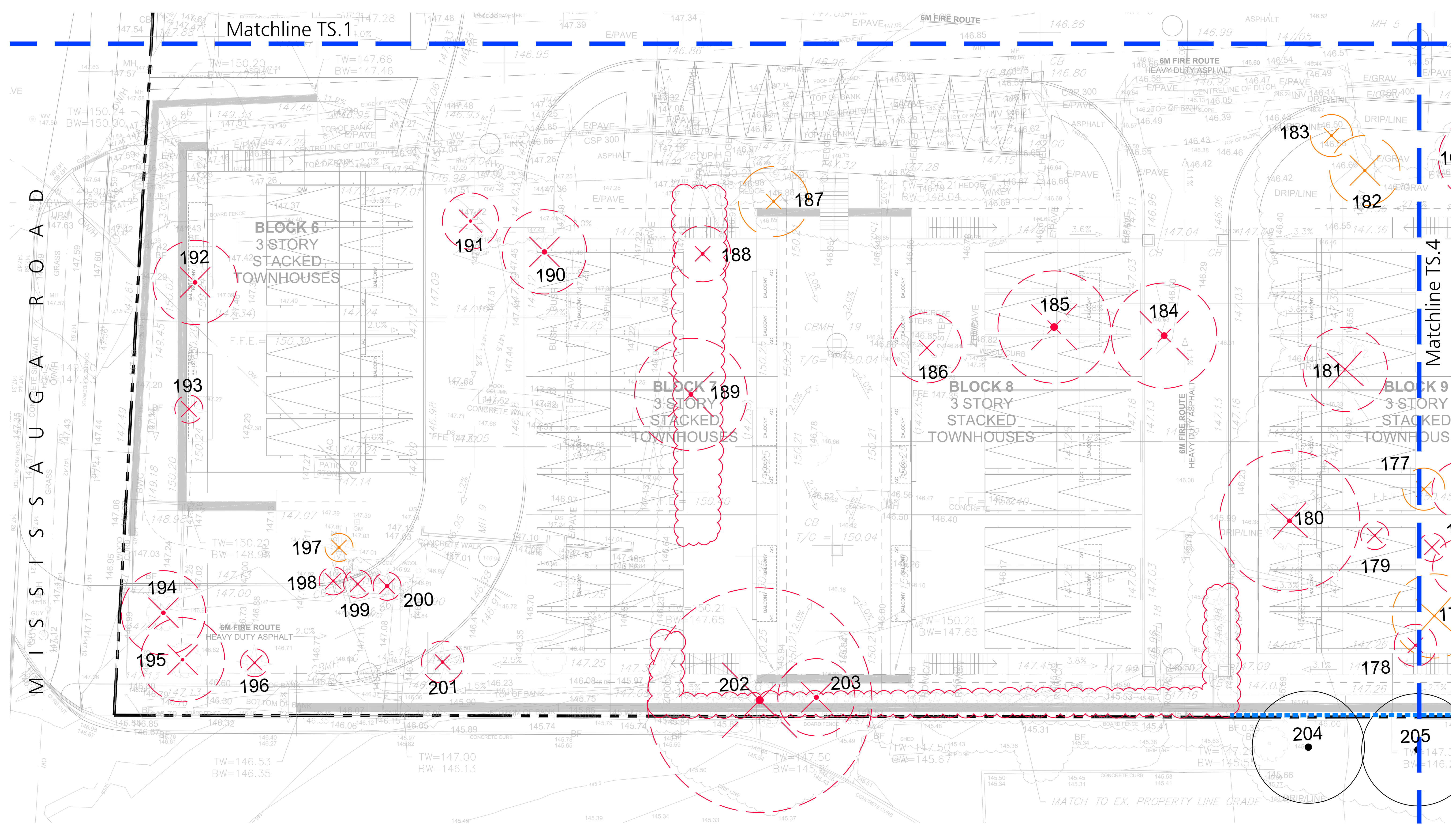

TREE PROTECTION PLAN
1:200

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
178		Tilia Americana	12		3	H	MH	RC	89?, Crossing branches	S
179		Tilia Americana	10		2	M	ML	RC	Vine, 30% TD	S
180	88	Juglans nigra	37.9, 26.4	25.4	10	H	H	RC	2L, WS	S
181	87	Juglans nigra	32.2		8	H	H	RC		S
182		Fraxinus pennsylvanica	16, 14	17.3	5	L	L	R	2 Leaders, Vine	S
183		Fraxinus pennsylvanica	13.4		3	L	L	R	EAB	S
184		Picea glauca	41.8		7.5	H	H	RC		S
185		Picea glauca	48.4		8	H	H	RC		S
186		Ulmus pumila	11.7, 12.4	15.5	5	H	MH	RC	2L, IB	S
187		Fraxinus pennsylvanica	12, 9, 7	16.7	5	L	L	R		S
188		Ulmus pumila	21.8		4	ML	ML	RC	Little budding could be dead, at least 50% dead canopy	S
189		Ulmus pumila	28.1		8	M	M	RC		S
190		Picea pungens	32.1		6	M	M	RC	20% canopy dieback	S
191		Ulmus pumila	18		4	H	MH	RC	wire through canopy	S
192		Acer platanoides	26.8		6	H	H	RC		S
193		Picea pungens	12		2	M	M	RC		S
194		Prunus avium	26.2		6	M	M	RC	several cracks, IB with branch	S
195		Prunus avium	17, 18, 12, 10, 10	25.9	6	M	M	RC	MB, IB at main union	S
196		Picea pungens	9		1.5	M	M	RC	Top dead	S
197		Picea glauca	~15		2	D	D	R	DEAD	S
198		Thuja occidentalis	10, 15, 10	18.7	2	M	M	RC		S
199		Thuja occidentalis	10, 10, 9, 14	20.7	2	M	M	RC		S
200		Thuja occidentalis	23, 15	19.5	2	M	M	RC	10° Lean (SE)	S
201		Picea pungens	19		3	H	H	RC		S
202		Salix rubens	47.4, 51.7, 21	34.7	16	M	M	RC	2L, ~6 large dead/ broken limbs girdling wire, 20% TD	S
203		Malus sp.	30		5.5	M	ML	RC	2L, IB crossing branch, UB (W)	S
204		Tilia x cordata	47.4		8	M	M	P	4 pruned limbs, leaving 2 holes	N
205		Tilia x cordata	46.1		8	M	M	P	5 pruned limbs, tight unions	N
206		Tilia x cordata	43.2		8	M	M	P	Multibranch node, 3 pruned limbs leaving 1 hole, IB	N
207		Tilia x cordata	34.8		6	M	M	P	3L, 1 pruned limb, 10° Lean to parking lot, BF, 1 hanging branch	N
208		Tilia x cordata	39.4		8	M	M	P	2 pruned limbs, 1 hanging branch	N
209		Tilia x cordata	49.2		8	M	M	P	Crossing branches, IB, med. Pruned branch, 3 holes in trunk, BF	N
210		Malus sp.	18.5, 23	20.4	3	ML	ML	P	50% dead canopy, 1 dead trunk, 2L	N
211		Tilia Americana	18.7, 32.3	22.6	7	M	M	P	IB, 25° lean to parking lot	N
212		Juglans nigra	26.8		7	H	MH	P	vine, hanging branch	N
213	180	Juglans nigra	27		9	H	H	P	V	S
214	179	Juglans nigra	16		4	H	H	n/a	Tree removed since original survey	S
215	60	Ulmus laevis	20		6	D	D	R	DEAD	S

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

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.

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.

CERTIFIED ARBORIST ISA

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	Issued
January 2025	
Job Number	Drawn By
BTI-1767	DA
Scale	Checked By
1:200	JW
Sheet Number	File Number
TS.3 of 4	FILE NO.