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## ARBORIST REPORT

**PROPOSED RESIDENTIAL DEVELOPMENT  
900 MISSISSAUGA HEIGHTS DRIVE  
CITY OF MISSISSAUGA**

**PREPARED FOR:  
DIAMOND LUXURY GROUP**

**PREPARED BY:  
STRYBOS BARRON KING LTD.  
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SUITE 320  
MISSISSAUGA, ONTARIO  
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**JUNE 12, 2023**

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**ARBORIST REPORT  
PROPOSED RESIDENTIAL DEVELOPMENT  
900 MISSISSAUGA HEIGHTS DRIVE, MISSISSAUGA, ONTARIO**

**Introduction**

Strybos Barron King Ltd. was retained by Diamond Luxury Group to prepare an Arborist Report for the subject property in accordance with the City of Mississauga Tree Bylaw requirements. The proposal for this property is to construct a new residential development which includes the adjacent lot at 904 Mississauga Heights. The development will see the retention of the existing dwellings at 900 & 904 Mississauga Heights and the addition of a shared common element condo road and 16 new single family lots.

**Site Context**

The subject property (900 Mississauga Heights Drive) is located southeast of Queensway W and Mississauga Heights Drive. The site currently contains an existing two storey residential dwelling with a pool and patio area and four car garage.

**Plans Utilized**

A topographic plan prepared by David B Searles Limited, an architectural site plan prepared by GSAI and an Engineering Plan prepared by Skira and Associates were used to determine the location of the existing trees in relation to the proposed new residential development.

**Tree Inventory**

Trees were identified by an ISA Certified Arborist both within and immediately adjacent to the subject property on May 3, 2023. The trees are described in terms of species and diameter at breast height (DBH – measured at 1.4m from grade). They have been assessed in terms of their general health from poor to good; **GOOD** – trees in good overall health and condition with desirable structure, **FAIR** – trees in moderate health and condition with less desirable structure, and **POOR** – trees displaying prominent health issues such as decay and disease and/or poor form and structure. (Refer to *Tree Preservation & Removal Plan* for locations of specific trees.)

**Table 1 - Tree Inventory Descriptions**

<b>Key#</b>	This number refers to the inventory number for the tree/grouping.
<b>Species</b>	The common names are provided for each tree.
<b>DBH</b>	This refers to Diameter (in centimetres) at Breast Height and is measured at 1.4m above the ground for each tree.
<b>Crown</b>	Estimated diameter of tree canopy (in metres), measured from dripline to dripline (varies in most cases considering the nature of tree groupings)
<b>Health</b>	An assessment of the general health and vigour of the tree, derived partly through a comparison of deadwood and live growth relative to a 100% healthy tree. The size and colour of foliage are also considered in this category. During the leaf-off season, the amount and distribution of buds is an important determinant of canopy vitality. This indicator is also measured on an ascending scale of poor-fair good.
<b>Structure</b>	A term describing key distinguishing structural character or defect.

**ARBORIST REPORT**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
**900 MISSISSAUGA HEIGHTS DRIVE, MISSISSAUGA, ONTARIO**

EXISTING TREE INVENTORY							PRESERVATION	MIN. TPZ	TAG
TAG	SPECIES	DBH	CROWN	HEALTH	STRUCTURE	COMMENTS	DIRECTION		
		IN (cm)	IN (m)	G/F/P					
1	Hawthorn	13	4	Fair	Regular form	OVERTOPPED, TURN IN TRUNK	PRESERVE	1.8	1
2	White pine	16	3	Fair	One sided form	OVERTOPPED, MOST LIVE CROWN IN TOP 4M	PRESERVE	1.8	2
3	Red oak	35	8	Fair	One sided form	2ND LEADER IN UPPER CROWN, DIEBACK IN LOWER BRANCHES	PRESERVE	2.4	3
4	Red oak	11.5	3	Fair	One sided form	DIEBACK IN LOWER BRANCHES, MINOR CROWN DIEBACK	PRESERVE	1.8	4
5	Black cherry	16.5	5	Good	One sided form	CROWN DIEBACK, CURVE IN STEM, CROWDED BY ADJACENT TREE	PRESERVE	1.8	5
6	Ironwood	11	4	Fair-good	Symmetrical	CROWDED, OVERTOPPED	REMOVE	1.8	6
7	Ash	29		Dead		EMERALD ASH BORER PRESENT	REMOVE	1.8	7
8	Black cherry	27.5	10	Fair	One sided form	CURVE IN STEM, LOWER BRANCH DIEBACK	PRESERVE	1.8	8
9	Ironwood	13	6	Fair	One sided form	LEANING, CROWDED BY ADJACENT TREES, DIEBACK IN LOWER BRANCHES	PRESERVE	1.8	9
10	Ironwood	5.5	4	Fair	One sided form	OVERTOPPED	PRESERVE	1.8	10
11	Ironwood	9	5	Fair	Symmetrical	CROWDED BY ADJACENT TREES	PRESERVE	1.8	11
12	Norway maple	6.5	6	Fair-good	Symmetrical	CROWDED BY ADJACENT TREES	PRESERVE	1.8	12
13	Red Oak	24	7	Fair	Asymmetrical	LOWER STEM, VINE ENTANGLED, CROWN DIEBACK	REMOVE	1.8	13
14	Ironwood	19	7	Fair	Asymmetrical	VINE ENTANGLED, LOWER BRANCH DIEBACK	REMOVE	1.8	14
15	Ironwood	9	5	Fair -good	Asymmetrical	OVERTOPPED, CURVE IN STEM	PRESERVE	1.8	15
16	Ironwood	24	10	Fair	Asymmetrical	SLIGHT LEAN WEST, VINE ENTANGLED,	PRESERVE	1.8	16
17	Ironwood	7.5	4	Fair-good	Asymmetrical	OVERTOPPED, OPEN CALLUS WOUNDS ON STEM	PRESERVE	1.8	17
18	Ironwood	7	4	Poor	Asymmetrical	OVERTOPPED, EPICORMIC GROWTH, LEANING SOUTH, SIGNIFICANT DIEBACK	PRESERVE	1.8	18
19	Ash	10		Dead	Asymmetrical		REMOVE	1.8	19
20	Ironwood	8.5	5	Poor	Asymmetrical	CROWDED BY ADJACENT TREE, CROWN DIEBACK	PRESERVE	1.8	20
21	White pine	54.5	7	Poor	Asymmetrical	SOME LIVE CROWN, VINE ENTANGLED, DIEBACK THROUGHOUT, NEEDLE STRESS	REMOVE	3.6	21
22	Ironwood	3	2	Fair	Asymmetrical	UNDERSTORY, OPEN CALLUS WOUND ON LOWER STEM, LEANING	REMOVE	1.8	22
23	Ironwood	5.5	2	Fair	One sided form	VINE ENTANGLED	REMOVE	1.8	23
24	Elm	20	4	Dead			REMOVE	1.8	24
25	Ash	10.5	5	Poor	One sided form	CODOMINANT STEMS	PRESERVE	1.8	25
26	Prunus sp.	4.5-5	3	Fair	One sided form	MULTISTEM	PRESERVE	1.8	26
27	Red oak	28	8	Fair	One sided form	VINE ENTANGLED, HIGH CROWN, EPICORMIC GROWTH,	PRESERVE	1.8	27
28	White oak	28	10	Fair	One sided form	LOWER BRANCH DIEBACK, NARROW FORM	PRESERVE	1.8	28
29	Ironwood	4	2	Good	One sided form	OVERTOPPED	PRESERVE	1.8	29
30	Dogwood spp.	4	3	Good	One sided form	IMMATURE, OVERTOPPED	PRESERVE	1.8	30
31	Dogwood spp.	3.5	3	Good	One sided form	IMMATURE, OVERTOPPED	PRESERVE	1.8	31
32	Basswood	13	5	Good	Symmetrical	ADJACENT TO CREEK, LOW SIDE OF EXISTING ARMOURSTONE	PRESERVE	1.8	32
33	White elm	10.5	4	Fair	One sided form	ADJACENT TO CREEK, LOW SIDE OF EXISTING ARMOURSTONE, CROWDED BY	PRESERVE	1.8	33
34	Prunus	5-14	4	Fair	One sided form	MULTISTEM AT GRADE, LARGER STEM IS DEAD	PRESERVE	1.8	34
235	WHITE ASH	18.0	6.0	DEAD	IRREGULAR FORM	CURVED LEADER, CROWDING BY ADJACENT TREE	REMOVE	1.8	235
237	COLORADO	13.0	3.0	POOR	FAIR	VERY THIN CANOPY, TREE IN DECLINE	REMOVE	1.8	237
238	WHITE PINE	64.0	12.0	FAIR	HIGH CROWN	THIN FOLIAGE AT TOP OF CROWN	REMOVE	4.2	238
239	WHITE PINE	47.5	10.0	GOOD	GOOD FORM	HIGH CROWN	REMOVE	3	239
240	RED OAK	60.0	15.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, HIGH CROWN, MINOR DIEBACK ON LOWER BRANCHES	REMOVE	3.6	240
241	RED OAK	66.0	15.0	GOOD	ONE SIDED FORM	MATURE, CROWDING BY ADJACENT TREE, CURVED STEM	REMOVE	4.2	241
242	WHITE PINE	26.0	6.0	GOOD	IRREGULAR FORM	SUBORDINATED BY ADJACENT TREE	REMOVE	1.8	242
243	WHITE PINE	67.0	13.0	GOOD	ONE SIDED FORM	MATURE, DOUBLE LEADER, HIGH CROWN, MINOR DIEBACK ON LOWER BRANCHES	REMOVE	4.2	243
245	WHITE PINE	44.0	8.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, HIGH CROWN	REMOVE	3	245
246	WHITE PINE	18.0	8.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, HIGH CROWN	REMOVE	1.8	246
247	WHITE PINE	21.5	7.0	GOOD	GOOD FORM	LOW BRANCHING	REMOVE	1.8	247
248	WHITE PINE	21.5	6.0	GOOD	GOOD FORM	LOW BRANCHING	REMOVE	1.8	248
301	CRABAPPLE	24.0	8.0	FAIR	ONE SIDED FORM	CROWDING BY ADJACENT TREE, DIEBACK ON LOWER BRANCHES	REMOVE	1.8	301
302	CRABAPPLE	23.5	9.0	FAIR	ONE SIDED FORM	CROWDING BY ADJACENT TREE, SUCKER GROWTH THROUGHOUT	REMOVE	1.8	302
303	CRABAPPLE	14.0	5.0	FAIR	ASYMMETRICAL FORM	SUBORDINATED BY ADJACENT TREES	REMOVE	1.8	303
304	CRABAPPLE	18.0	6.0	GOOD	ONE SIDED FORM	SUBORDINATED BY ADJACENT TREE, SOME INTERNAL SUCKER GROWTH	REMOVE	1.8	304
305	WHITE PINE	78.0	19.0	GOOD	ASYMMETRICAL FORM	MATURE, CROWDING BY ADJACENT TREE, LOWER LIMBS SELF PRUNED	REMOVE	4.8	305
306	WHITE PINE	72.0	13.0	GOOD	ASYMMETRICAL FORM	MATURE, CROWDING BY ADJACENT TREE, MINOR DIEBACK ON LOWER BRANCHES, HIGH CROWN	REMOVE	4.8	306
307	KENTUCKY COFFEE TREE	18.0	7.0	GOOD	ASYMMETRICAL FORM	SLIGHTLY CROWDING BY ADJACENT TREE	REMOVE	1.8	307
308	RIVER BIRCH	7-13	7.0	GOOD	MULTI-STEMMED	CLUSTER OF FOUR STEMS SPLIT AT GRADE, MINOR DIEBACK ON LOWER BRANCHES	REMOVE	1.8	308
309	RIVER BIRCH	13-18	8.0	GOOD	MULTI-STEMMED	CLUSTER OF THREE STEMS SPLIT AT GRADE	REMOVE	1.8	309
310	DAWN REDWOOD	21.0	7.0	GOOD	GOOD FORM	BRANCHING ALMOST TO GRADE	REMOVE	1.8	310
311	RIVER BIRCH	9.5-18	8.0	GOOD	MULTI-STEMMED	CLUSTER OF THREE STEMS SPLIT AT GRADE, SOME GIRDLED ROOTS	REMOVE	1.8	311
312	DAWN REDWOOD	21.0	6.0	GOOD	GOOD FORM	BRANCHING ALMOST TO GRADE	REMOVE	1.8	312
313	RIVER BIRCH	12.5-14	8.0	GOOD	MULTI-STEMMED	CLUSTER OF THREE STEMS SPLIT AT GRADE	REMOVE	1.8	313
314	DAWN REDWOOD	15.5	6.0	GOOD	GOOD FORM	BRANCHING ALMOST TO GRADE, MINOR DIEBACK ON LOWER BRANCHES	REMOVE	1.8	314
315	HAWTHORN	19.0	8.0	GOOD	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, DIEBACK ON LOWER BRANCHES	REMOVE	1.8	315
316	BLACK CHERRY	22.0	9.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, HIGH CROWN, DIEBACK ON LOWER BRANCHES	REMOVE	1.8	316
317	RED OAK	24.0	7.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, HIGH CROWN, DIEBACK ON LOWER BRANCHES	REMOVE	1.8	317
318	RED OAK	60.0	17.0	FAIR	ASYMMETRICAL FORM	MATURE, CROWDING BY ADJACENT TREE, DIEBACK ON LOWER BRANCHES, CROWN DIEBACK ON CROWDED SIDE	REMOVE	4.2	318
319	RED OAK	97.0	25.0	GOOD	CO DOMINANT STEMS	MATURE, BROAD FORM, INCLUDED BARK, HIGH CROWN, MINOR DIEBACK ON LOWER BRANCHES	REMOVE	6	319
320	BUR OAK	35.0	13.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, MINOR DIEBACK ON LOWER BRANCHES	REMOVE	2.4	320
321	SHAGBARK HICKORY	36.5	17.0	GOOD	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, MINOR DIEBACK ON LOWER BRANCHES	REMOVE	2.4	321
322	COLORADO SPRUCE	28.0	10.0	FAIR	IRREGULAR FORM	COMPLETELY SUBORDINATED BY ADJACENT TREE, GIRDLED ROOTS	REMOVE	1.8	322
323	SUGAR MAPLE	47.0	13.0	GOOD	CO DOMINANT STEMS	ONE SIDED FORM, CROWDING BY ADJACENT TREE, INCLUDED BARK, GIRDLED ROOTS	REMOVE	3	323
324	RED OAK	65.0	16.0	FAIR	CO DOMINANT LEADERS	ASYMMETRICAL FORM, CROWDING BY ADJACENT TREE, DIEBACK ON LOWER BRANCHES, INSECT DAMAGE ON FOLIAGE, SLIGHT UPPER CROWN DIEBACK	REMOVE	4.2	324
325	SUGAR MAPLE	29.0	11.0	GOOD	BROAD FORM	LOW BRANCHING	REMOVE	1.8	325
326	SUGAR MAPLE	38.0	14.0	GOOD	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, CO DOMINANT LEADERS	REMOVE	2.4	326
327	SUGAR MAPLE	51.0	9.0	GOOD	CO DOMINANT STEMS	ONE SIDED FORM, CROWDING BY ADJACENT TREE	REMOVE	3.6	327
328	WHITE SPRUCE	31.0	6.0	POOR	ONE SIDED FORM	CROWDING BY ADJACENT TREE, DIEBACK ON CROWDED SIDE	REMOVE	2.4	328
329	HAWTHORN	21-25	10.0	FAIR	DOUBLE STEM	ONE SIDED FORM, CROWDING BY ADJACENT TREE, BASAL DECAY, DECAY AND HALLOWS IN STEMS, DIEBACK ON LOWER BRANCHES	REMOVE	1.8	329
330	SUGAR MAPLE	53.0	17.0	GOOD	ONE SIDED FORM	MULTIPLE LEADERS, CROWDING BY ADJACENT TREE, INCLUDED BARK	REMOVE	3.6	330

**ARBORIST REPORT**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
**900 MISSISSAUGA HEIGHTS DRIVE, MISSISSAUGA, ONTARIO**

EXISTING TREE INVENTORY									
TAG	SPECIES	DBH	CROWN	HEALTH	STRUCTURE	COMMENTS	PRESERVATION	MIN. TPZ	TAG
		IN (cm)	IN (m)	G/F/P			DIRECTION		
331	SUGAR MAPLE	49.5	12.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, CO DOMINANT LEADERS	REMOVE	3	331
332	COLORADO BLUE SPRUCE	13.0	4.0	FAIR	GOOD FORM	INTERNAL TWIG TIP DIEBACK ON LOWER BRANCHES	REMOVE	1.8	332
333	POPLAR	25.0	10.0	GOOD	HIGH CROWN	CROWN CROWDING BY ADJACENT TREE, DIEBACK ON LOWER BRANCHES	REMOVE	1.8	333
336	DEBORAH NORWAY MAPLE	15.0	6.0	GOOD	GOOD FORM	CROWDING BY ADJACENT TREE	REMOVE	1.8	336
337	POPLAR	30.0	6.0	GOOD	HIGH CROWN	MINOR DIEBACK ON LOWER BRANCHES	REMOVE	2.4	337
340	WHITE PINE	42.0	10.0	GOOD	GOOD FORM	HIGH CROWN	PRESERVE	3	340
341	WHITE PINE	24.5	5.0	FAIR	NARROW FORM	CROWDING BY ADJACENT TREE, HIGH CROWN.	PRESERVE	1.8	341
342	WHITE PINE	43.5	11.0	GOOD	GOOD FORM	HIGH CROWN	PRESERVE	3	342
343	WHITE PINE	50.0	13.0	GOOD	GOOD FORM	MATURE, BROAD FORM, HIGH CROWN	PRESERVE	3	343
344	WHITE PINE	41.0	9.0	GOOD	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, HIGH CROWN, DIEBACK ON LOWER BRANCHES	PRESERVE	3	344
345	WHITE PINE	45.5	10.0	GOOD	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, HIGH CROWN	PRESERVE	3	345
346	HAWTHORN	29.5	8.0	GOOD	DOUBLE STEM	ONE SIDED FORM, CROWDING BY ADJACENT TREE	REMOVE	1.8	346
347	GINKO	14.0	6.0	GOOD	GOOD FORM	CROWDING BY ADJACENT TREE	REMOVE	1.8	347
348	PAPER BIRCH	22	8.0	FAIR	MULTI-STEMMED	ONE SIDED FORM, CROWDING BY ADJACENT TREE, DIEBACK ON CROWDED SIDE. ONE STEM REMOVED	REMOVE	1.8	348
349	PAPER BIRCH	17.5	5.0	GOOD	IRREGULAR FORM	CROWDING BY ADJACENT TREE, MINOR SUCKER GROWTH ON STEM, DIEBACK ON LOWER BRANCHES	REMOVE	1.8	349
350	PAPER BIRCH	15.5-21	11.0	GOOD	DOUBLE STEM	CROWDING BY ADJACENT TREE, ASYMMETRICAL FORM, MINOR SUCKER GROWTH ON STEM	REMOVE	1.8	350
351	PAPER BIRCH	17.5	8.0	GOOD	ONE SIDED FORM	CROWDED BY ADJACENT TREES. LEANING, HIGH CROWN	REMOVE	1.8	351
352	PAPER BIRCH	31.0	11.0	GOOD	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, HIGH CROWN, MINOR DIEBACK IN UPPER CROWN	REMOVE	2.4	352
353	PAPER BIRCH	29.0	11.0	GOOD	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, LEANING, REMNANT STEM REMOVED AT GRADE	REMOVE	1.8	353
354	PAPER BIRCH	17-24	11.0	GOOD	ONE SIDED FORM	MULTI-STEMMED, CROWDING BY ADJACENT TREE, SUCKER GROWTH AT BASE	REMOVE	1.8	354
355	RED OAK	64.5	13.0	GOOD	ASYMMETRICAL FORM	MATURE, CROWDING BY ADJACENT TREE, HIGH CROWN	PRESERVE	4.2	355
356	RED OAK	47.5	12.0	FAIR	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, INSECT DAMAGE TO FOLIAGE, DIEBACK IN UPPER AND LOWER CROWN	PRESERVE	3	356
357	NORWAY MAPLE	17.0	7.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE	PRESERVE	1.8	357
358	RED OAK	41.0	8.0	FAIR	NARROW FORM	CROWDING BY ADJACENT TREE, SOME DIEBACK IN CROWN	PRESERVE	3	358
359	BUR OAK	26.0	9.0	FAIR	NARROW FORM	CROWDING BY ADJACENT TREE, SOME CROWN DIEBACK AND INSECT DAMAGE	PRESERVE	1.8	359
360	RED OAK	52.0	15.0	GOOD	CO DOMINANT LEADERS	ASYMMETRICAL FORM, CROWDING BY ADJACENT TREE, HIGH CROWN, SOME CROWN DIEBACK	PRESERVE	3.6	360
361	RED OAK	42.0	12.0	FAIR	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, DIEBACK IN CROWN	PRESERVE	3	361
362	RED OAK	42.0	12.0	GOOD	IRREGULAR FORM	CROWDING BY ADJACENT TREE, HIGH CROWN, SOME CROWN DIEBACK	PRESERVE	3	362
363	RED OAK	40.0	11.0	GOOD	NARROW FORM	CROWDING BY ADJACENT TREE, HIGH CROWN, STEM VE.	PRESERVE	3	363
364	RED OAK	42.0	20.0	GOOD	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, VE., MINOR CROWN DIEBACK	PRESERVE	1.8	364
365	WHITE PINE	27.0	8.0	GOOD	NARROW FORM	HIGH CROWN, CROWDING BY ADJACENT TREE	PRESERVE	1.8	365
366	RED OAK	39.0	9.0	POOR	ONE SIDED FORM	CROWDING BY ADJACENT TREE, LEANING, CONSIDERABLE CROWN DIEBACK	PRESERVE	2.4	366
367	RED OAK	38.0	14.0	FAIR	ONE SIDED FORM	CROWDING BY ADJACENT TREE, LEANING, VE.	PRESERVE	1.8	367
413	SUGAR MAPLE	23.0	11.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, LOW BRANCHING	PRESERVE	1.8	413
414	WHITE OAK	40.0	12.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, LEANING	PRESERVE	2.4	414
415	WHITE OAK	81.0	20.0	GOOD	BROAD FORM	MATURE, OPEN CROWN, CROWDING BY ADJACENT TREE ON NORTH SIDE	PRESERVE	5.4	415
416	SUGAR MAPLE	20.0	10.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE	PRESERVE	1.8	416
417	SUGAR MAPLE	35.0	16.0	GOOD	GOOD FORM	SLIGHTLY CROWDING BY ADJACENT TREE	PRESERVE	2.4	417
418	RED OAK	70.0	12.0	POOR	CO DOMINANT LEADER	ONE SIDED FORM, CROWDING BY ADJACENT TREE, LEANING, MASSIVE DECAY IN STEM, UPPER CROWN REDUCTION PRUNING	PRESERVE	4.2	418
419	WHITE OAK	77.0	20.0	GOOD	BROAD FORM	MATURE, CROWDING BY ADJACENT TREE, HIGH CROWN, MINOR DIEBACK IN CROWN	PRESERVE	4.8	419
420	SUGAR MAPLE	31.0	15.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE	PRESERVE	2.4	420
421	GREEN ASH	15.0	6.0	DEAD	NARROW FORM	EAB, IN DECLINE.	PRESERVE	1.8	421
422	NORWAY MAPLE	9.0	4.0	GOOD	HIGH CROWN	IN RAVINE. MINOR DEADWOOD. CROWDED BY ADJACENT TREES	PRESERVE	1.2	422
423	NORWAY MAPLE	9.0	4.0	GOOD	HIGH CROWN	IN RAVINE. MINOR DEADWOOD. CROWDED BY ADJACENT TREES	PRESERVE	1.2	423
424	NORWAY MAPLE	20.0	6.0	GOOD	HIGH CROWN	IN RAVINE. MINOR DEADWOOD. CROWDED BY ADJACENT TREES	PRESERVE	1.8	424
425	SUGAR MAPLE	14.0	5.0	GOOD	HIGH CROWN	IN RAVINE. MINOR DEADWOOD. CROWDED BY ADJACENT TREES	PRESERVE	1.8	425
426	SUGAR MAPLE	10.0	5.0	GOOD	HIGH CROWN	IN RAVINE. MINOR DEADWOOD. CROWDED BY ADJACENT TREES	PRESERVE	1.2	426
427	BEECH	32.0	6.0	GOOD	HIGH CROWN	IN RAVINE. MINOR DEADWOOD. CROWDED BY ADJACENT TREES	PRESERVE	2.4	427
428	SUGAR MAPLE	26.0	5.0	GOOD	HIGH CROWN	IN RAVINE. MINOR DEADWOOD. CROWDED BY ADJACENT TREES	PRESERVE	1.8	428
429	SUGAR MAPLE	14.0	6.0	GOOD	HIGH CROWN	IN RAVINE. MINOR DEADWOOD. CROWDED BY ADJACENT TREES	PRESERVE	1.8	429
430	NORWAY MAPLE	10.0	6.0	GOOD	HIGH CROWN	IN RAVINE. MINOR DEADWOOD. CROWDED BY ADJACENT TREES	PRESERVE	1.2	430
431	NORWAY MAPLE	11.0	6.0	GOOD	HIGH CROWN	IN RAVINE. MINOR DEADWOOD. CROWDED BY ADJACENT TREES	PRESERVE	1.8	431
432	NORWAY MAPLE	27.0	6.0	GOOD	HIGH CROWN	IN RAVINE. MINOR DEADWOOD. CROWDED BY ADJACENT TREES	PRESERVE	1.8	432
433	SUGAR MAPLE	28.0	5.0	GOOD	HIGH CROWN	IN RAVINE. MINOR DEADWOOD. CROWDED BY ADJACENT TREES	PRESERVE	1.8	433
434	SUGAR MAPLE	37.0	12.0	GOOD	ASYMMETRICAL FORM	HIGH CROWN, CROWDING BY ADJACENT TREE	PRESERVE	2.4	434
435	WHITE OAK	65.0	15.0	GOOD	HIGH CROWN	OPEN FORM, MINOR UPPER CROWN DIEBACK	PRESERVE	4.2	435
436	NORWAY MAPLE	53.0	20.0	GOOD	BROAD FORM	BASAL DECAY, MAYBE GIRDLED ROOTS, CROWDING BY ADJACENT TREE, MINOR DIEBACK ON LOWER BRANCHES	PRESERVE	3.6	436
437	WHITE PINE	56.0	9.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, HIGH CROWN	PRESERVE	3.6	437
438	WHITE PINE	60.0	7.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, HIGH CROWN, DIEBACK ON LOWER BRANCHES	PRESERVE	3.6	438
439	PAPER BIRCH	26.5	7.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, SUCKER GROWTH ON STEM	PRESERVE	1.8	439
440	PAPER BIRCH	21.0	6.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, MINOR DIEBACK ON LOWER BRANCHES	PRESERVE	1.8	440

**ARBORIST REPORT**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
**900 MISSISSAUGA HEIGHTS DRIVE, MISSISSAUGA, ONTARIO**

EXISTING TREE INVENTORY									
TAG	SPECIES	DBH	CROWN	HEALTH	STRUCTURE	COMMENTS	PRESERVATION	MIN. TPZ	TAG
		IN (cm)	IN (m)	G/F/P			DIRECTION		
441	PAPER BIRCH	25.0	7.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, MINOR TWIG TIP DIEBACK	PRESERVE	1.8	441
442	PAPER BIRCH	15.0	4.0	GOOD	ONE SIDED FORM	SUBORDINATED BY ADJACENT TREE	PRESERVE	1.8	442
443	PAPER BIRCH	23.0	6.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE	PRESERVE	1.8	443
444	PAPER BIRCH	23.0	7.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE	PRESERVE	1.8	444
445	PAPER BIRCH	20.5	6.0	GOOD	NARROW FORM	CROWDING BY ADJACENT TREE, HIGH CROWN	PRESERVE	1.8	445
446	PAPER BIRCH	18.0	5.0	GOOD	NARROW FORM	CROWDING BY ADJACENT TREE, BASAL DECAY, DIEBACK ON LOWER BRANCHES	PRESERVE	1.8	446
447	PAPER BIRCH	16.0	5.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, LOW BRANCHING	PRESERVE	1.8	447
448	WHITE PINE	73.0	10.0	GOOD	GOOD FORM	HIGH CROWN	PRESERVE	4.8	448
449	WHITE PINE	50.0	7.0	GOOD	NARROW FORM	CROWDING BY ADJACENT TREE, HIGH CROWN	PRESERVE	3	449
450	SUGAR MAPLE	24.0	10.0	GOOD	GOOD FORM	CROWDING BY ADJACENT TREE, LOW BRANCHING	PRESERVE	1.8	450
451	WHITE OAK	47.0	12.0	GOOD	NARROW FORM	CROWDING BY ADJACENT TREE, HIGH CROWN, SUCKER GROWTH ALONG STEM	PRESERVE	3	451
452	BLACK CHERRY	39.0	7.0	GOOD	DOUBLE STEM	NARROW FORM, CROWDING BY ADJACENT TREE, HIGH CROWN	PRESERVE	2.4	452
455	WHITE PINE	25.0	9.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE	PRESERVE	1.8	455
456	SUGAR MAPLE	26.0	15.0	GOOD	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, LOW BRANCHING	PRESERVE	1.8	456
457	GREEN ASH	33.0		DEAD	DEAD	DEAD	PRESERVE	1.2	457
458	RED OAK	27.0	7.0	FAIR	NARROW FORM	HIGH CROWN, CROWDING BY ADJACENT TREE, DIEBACK IN CROWN	PRESERVE	1.8	458
459	WHITE PINE	24.0	6.0	FAIR	IRREGULAR FORM	CROWDING BY ADJACENT TREE,	PRESERVE	1.8	459
460	WHITE PINE	23.5	8.0	FAIR	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE,	PRESERVE	1.8	460
461	RED OAK	30.0	10.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE, MINOR DIEBACK ON LOWER BRANCHES	PRESERVE	2.4	461
462	BLACK WALNUT	26.5	10.0	GOOD	IRREGULAR FORM	CROWDING BY ADJACENT TREE, MULTIPLE LEADERS, CROWN SUBORDINATED	PRESERVE	1.8	462
463	RED OAK	32.0	8.0	GOOD	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, HIGH CROWN	PRESERVE	2.4	463
464	WHITE PINE	67.0	10.0	GOOD	GOOD FORM	MATURE, HIGH CROWN	PRESERVE	4.2	464
465	WHITE PINE	60.0	15.0	GOOD	BROAD FORM	MATURE, DECK BUILT AROUND TREE, HIGH CROWN, MINOR DIEBACK ON LOWER BRANCHES	PRESERVE	3.6	465
466	WHITE OAK	36.0	11.0	GOOD	GOOD FORM	HIGH CROWN, MINOR DIEBACK ON LOWER BRANCHES	PRESERVE	2.4	466
467	TAXUS CANADENSIS	16.0	8.0	GOOD	GOOD FORM	ELEVATED CROWN	PRESERVE	1.8	467
468	PAPER BIRCH	23.0	6.0	GOOD	ASYMMETRICAL FORM	LEANING, CROWDING BY ADJACENT TREE	PRESERVE	1.8	468
469	NORWAY MAPLE	23.0	8.0	GOOD	ASYMMETRICAL FORM	CROWDING BY ADJACENT TREE, SLIGHTLY LEANING	PRESERVE	1.8	469
470	RED OAK	62.5	15.0	GOOD	ONE SIDED FORM	LEANING, CROWDING BY ADJACENT TREE, HIGH CROWN	PRESERVE	4.2	470
471	RED OAK	57.0	11.0	FAIR	ONE SIDED FORM	CROWDING BY ADJACENT TREE, DIEBACK IN CROWN, HIGH CROWN	PRESERVE	3.6	471
472	RED OAK	37.0	12.0	GOOD	NARROW FORM	CROWDING BY ADJACENT TREE, HIGH CROWN	PRESERVE	2.4	472
473	NORWAY MAPLE	32.5	13.0	GOOD	ONE SIDED FORM	CROWDING BY ADJACENT TREE	PRESERVE	2.4	473
474	NORWAY MAPLE	10-34	15.0	GOOD	MULTI-STEMMED	CLUSTER OF THREE STEMS, CROWDING BY ADJACENT TREE, ONE SIDED FORM, MINOR INTERNAL DIEBACK	PRESERVE	2.4	474
478	WHITE PINE	73.0	13.0	GOOD	ASYMMETRICAL FORM	MATURE, CROWDING BY ADJACENT TREE, MINOR DIEBACK ON LOWER BRANCHES	PRESERVE	4.8	478
479	WHITE PINE	67.0	12.0	GOOD	ASYMMETRICAL FORM	MATURE, CROWDING BY ADJACENT TREE, MINOR DIEBACK ON LOWER BRANCHES	PRESERVE	4.2	479
480	WHITE SPRUCE	61.0	10.0	FAIR	GOOD FORM	SHADED BY ADJACENT TREES, DIEBACK ALONG SHADED STEM	PRESERVE	4.2	480
488	WHITE PINE	62.0	13.0	GOOD	ASYMMETRICAL FORM	MATURE, HIGH CROWN, CROWDING BY ADJACENT TREE	PRESERVE	4.2	488
1755	Red oak (372)	56-66	17	Good	Double Stem	MATURE, ONE SIDED FORM, CROWDING BY ADJACENT TREES, INCLUDED BARK, HIGH CROWN	PRESERVE	4.2	1755
1756	White pine (371)	23	7	Good	One sided form	CROWDING BY ADJACENT TREE, LOW BRANCHING	PRESERVE	1.8	1756
1757	Red oak (370)	38	11	Good	One sided form	CROWDING BY ADJACENT TREE, HIGH CROWN	PRESERVE	2.4	1757
1758	White pine (369)	26	7	Good	Good form	LOW BRANCHING, CROWDING BY ADJACENT TREE, MINOR DIEBACK ON LOWER BRANCHES	PRESERVE	1.8	1758
1759	White pine (368)	60	8	Good	Good form	CROWDING BY ADJACENT TREE, HIGH CROWN	PRESERVE	3.6	1759
1760	White oak	23	6	Fair	Single stem, Oblong	DEADWOOD IN CROWN, CROWDED BY ADJACENT TREE	PRESERVE	1.8	1760
1761	White pine	29	5	Fair	Single stem, Narrow	DEADWOOD IN CROWN, THIN CANOPY	PRESERVE	1.8	1761
1762	White pine (374)	57	5	Poor	Asymmetrical form	CROWDING BY ADJACENT TREE, COVERED IN VINES, TREE IN DECLINE	PRESERVE	3.6	1762
1763	Shagbark hickory (373)	29	5	Good	High crown	CROWDED BY ADJACENT TREE, MINOR DEADWOOD	PRESERVE	1.8	1763
1764	Red oak (376)	18	5	Good	High crown	CROWDED BY ADJACENT TREE, MINOR DEADWOOD	PRESERVE	1.8	1764
1765	White pine (373)	44.5	8	Good	Asymmetrical form	PREVIOUSLY NOT TAGGED, ONE-SIDED, CROWDED BY ADJACENT TREES, DEADWOOD IN CROWN	PRESERVE	3	1765
1766	Ironwood (377)	20-23	10	Good	Double Stem	ONE-SIDED FORM, CROWDING BY ADJACENT TREES, MINOR DECAY IN STEM UNION	PRESERVE	1.8	1766
1767	Red oak (378)	38	6	Good	High crown	MINOR DEADWOOD, CROWDED BY ADJACENT TREES	PRESERVE	2.4	1767
1768	White pine	40	6	Fair	Single stem, Narrow	DEADWOOD IN LOW CROWN, CROWDED BY ADJACENT TREES	PRESERVE	2.4	1768
1769	Black cherry	34	5	Fair	Double stem, Narrow	INCLUDED BARK, ONE STEM DEAD	PRESERVE	2.4	1769
1770	Red oak	31	6	Fair	Single stem, Narrow	CROWDED BY ADJACENT TREE	PRESERVE	2.4	1770
1771	Black cherry	17	3	Fair	Single stem, Asymmetrical	ONE SIDED, SUCKER GROWTH	PRESERVE	1.8	1771
1772	Red oak	55	11	Fair	Single stem	45 DEGREE LEAN, NATURALIZED, ONE-SIDED	PRESERVE	3.6	1772
1773	Red oak	62	11	Fair	Single stem, Round	MINOR DEADWOOD IN CROWN, ROUND FORM	PRESERVE	4.2	1773
1774	Sugar maple	17	3	Fair	Single stem, Round	DEADWOOD IN CROWN	PRESERVE	1.8	1774
1775	Sugar maple	13	3	Fair	Single stem	UNDERSTORY, CROWDED BY ADJACENT TREES, ASYMMETRICAL CROWN	PRESERVE	1.8	1775
1776	White pine	22	3	Poor	Single stem	CROWDED BY ADJACENT TREES, NATURALIZED, DEADWOOD IN CROWN	PRESERVE	1.8	1776
1777	Red oak (381)	34	6	Good	One sided form	CROWDED BY ADJACENT TREES, MINOR DEADWOOD, HIGH CROWN	PRESERVE	2.4	1777
1778	Red oak (379)	66	15	Good	Asymmetrical form	CROWDING BY ADJACENT TREES, CO DOMINANT LEADERS, MINOR DIEBACK ON LOWER BRANCHES	PRESERVE	4.2	1778
1779	Red oak (380)	43	15	Good	One sided form	CROWDING BY ADJACENT TREES, MINOR SUCKER GROWTH ALONG STEM	PRESERVE	3	1779
1780	Black oak (384)	23-65	16	Good	Double leader	CROWDING BY ADJACENT TREES, LOWER LIMBS PRUNED, SOME CROWN DIEBACK, DEADWOOD IN CROWN	PRESERVE	4.2	1780
1781	Black oak (385)	48	12	Fair	One sided form	CROWDING BY ADJACENT TREES, SUCKER GROWTH THROUGHOUT CROWN, MINOR DIEBACK	PRESERVE	3	1781
1782	Sugar maple	14	2	Fair	Single stem	CROWDED BY ADJACENT TREES, ROUND CROWN	PRESERVE	1.8	1782
1783	Sugar maple	24	6	Fair	Single stem	PREVIOUSLY NOT TAGGED, DEADWOOD IN CROWN, CROWDED BY ADJACENT TREES, ROUND CROWN	PRESERVE	1.8	1783
1784	White pine	37	3	Fair	Single stem, Asymmetrical	PREVIOUSLY NOT TAGGED, ONE SIDED, DEADWOOD IN CROWN	PRESERVE	2.4	1784
1785	Red oak (383)	33	6	Good	One sided form	CROWDED BY ADJACENT TREES, MINOR DEADWOOD, HIGH CROWN	PRESERVE	2.4	1785
1786	Sugar maple	22	6	Fair	Single stem	PREVIOUSLY NOT TAGGED, HANGER IN CROWN, DENSE CANOPY, CROWDED BY ADJACENT TREES	PRESERVE	1.8	1786

**ARBORIST REPORT**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
**900 MISSISSAUGA HEIGHTS DRIVE, MISSISSAUGA, ONTARIO**

EXISTING TREE INVENTORY							PRESERVATION	MIN. TPZ	TAG
TAG	SPECIES	DBH	CROWN	HEALTH	STRUCTURE	COMMENTS			
		IN (cm)	IN (m)	G/F/P			DIRECTION		
1787	White pine	33	3	Fair	Single stem	LOWER DEADWOOD IN CROWN	PRESERVE	2.4	1787
1788	Norway maple (382	34	6	Good	One sided form	CROWDED BY ADJACENT TREES, MINOR DEADWOOD, HIGH CROWN	PRESERVE	2.4	1788
1789	Ironwood	15	4	Fair	Single stem	ONE SIDED, DEADWOOD IN CROWN, NATURALIZED	PRESERVE	1.8	1789
1790	Ironwood	11	4	Fair	Single stem, Pyran	DEADWOOD IN CROWN, NATURALIZED	PRESERVE	1.8	1790
1791	Ironwood	11	3	Fair	Single stem	ONE SIDED, CROWDED BY ADJACENT TREES	PRESERVE	1.8	1791
1792	Red oak	49	12	Fair	Single stem	GYPSY MOTH, DEADWOOD IN CROWN	PRESERVE	3	1792
1793	Ironwood	13	3	Fair	Single stem	CROWDED BY ADJACENT TREES, TOP OF CROWN IS DEAD	PRESERVE	1.8	1793
1794	Ironwood	14	3	Poor	Single stem	CROWDED BY ADJACENT TREES, TOP CROWN IS DEAD	PRESERVE	1.8	1794
1795	White oak	23	3	Fair	Single stem	CROWDED BY ADJACENT TREES, DEADWOOD IN CROWN	PRESERVE	1.8	1795
1796	Red oak	29	6	Fair	Single stem	HANGER IN CROWN, SYMMETRICAL CROWN, THIN CANOPY	PRESERVE	1.8	1796
1797	Ironwood	11	2	Fair	Single stem, Pyran	DEADWOOD IN CROWN, NATURALIZED	PRESERVE	1.8	1797
1798	Sugar maple	26	5	Fair	Single stem, Oblor	DENSE CANOPY, DEADWOOD IN CROWN	PRESERVE	1.8	1798
1799	Red oak	46	5	Poor	Single stem, Leani	CAVITY AT BASE	PRESERVE	3	1799
1800	Red oak	53, 51	11	Fair	Double stem	INCLUDED BARK, THIN CANOPY, HANGER IN CROWN	PRESERVE	3.6	1800
1801	Ironwood	13	2	Fair	Single stem, Roun	HANGER IN CROWN, THIN CANOPY, NATURALIZED	PRESERVE	1.8	1801
1802	White pine	63	6	Fair	Single stem, Oblor	LEANING, DEADWOOD IN CROWN	PRESERVE	4.2	1802
1803	Black cherry	14	3	Fair	Single stem	CROWDED BY ADJACENT TREES, HANGER IN CROWN, DEADWOOD IN CROWN, ROUND C	PRESERVE	1.8	1803
1804	Red oak (405)	29	6	Good	Irregular form	HIGH CROWN, CROWDED BY ADJACENT TREES, MINOR DEADWOOD	PRESERVE	1.8	1804
1805	Red oak	15, 10	3	Fair	Single stem	CROWDED BY ADJACENT TREES, THIN CANOPY	PRESERVE	1.8	1805
1806	Ironwood	12	5	Fair	Single stem	NATURALIZED, OBLONG CROWN, DEADWOOD IN CROWN	PRESERVE	1.8	1806
1807	Ironwood	11	4	Fair	Single stem	NATURALIZED, ONE SIDED, HANGER IN CROWN	PRESERVE	1.8	1807
1808	Ironwood	13	3	Fair	Single stem	PYRAMIDAL CROWN, UNDERSTORY	PRESERVE	1.8	1808
1809	Red oak	10	2	Fair	Single stem	ROUND CROWN, THIN CANOPY	PRESERVE	1.8	1809
1810	Black cherry	20	3	Fair	Single stem	ASYMMETRICAL, CROWDED BY ADJACENT TREES, ONE SIDED	PRESERVE	1.8	1810
1811	White pine(403)	33	5	Fair	High crown	THIN CANOPY, MINOR DEADWOOD, CROWDED BY ADJACENT TREES	PRESERVE	2.4	1811
1812	White pine (402)	43	5	Fair	High crown	THIN CANOPY, MINOR DEADWOOD, CROWDED BY ADJACENT TREES	PRESERVE	3	1812
1813	White pine (404)	50	5	Fair	High crown	THIN CANOPY, MINOR DEADWOOD, CROWDED BY ADJACENT TREES	PRESERVE	3	1813
1814	White pine (401)	37	5	Fair	High crown	THIN CANOPY, MINOR DEADWOOD, CROWDED BY ADJACENT TREES	PRESERVE	2.4	1814
1815	Iron wood	12	3	Poor	Single stem	DEADWOOD IN CROWN, HANGER IN CROWN, THIN CANOPY, CROWDED BY ADJACENT TR	PRESERVE	1.8	1815
1816	White pine	14,15	5	Fair	Double stem, Broa	DEADWOOD IN CROWN, UNDERSTORY	PRESERVE	1.8	1816
1817	Red oak	69, 70	12	Poor	Double stem	INCLUDED BARK AT BASE, DECAY AT BASE, PREVIOUS TOP BROKE OFF, LARGE DEADW	PRESERVE	4.2	1817
1818	Sugar maple	18	6	Fair	Single stem, Roun	CROWDED BY ADJACENT TREES, ONE-SIDED, DEADWOOD IN CROWN	PRESERVE	1.8	1818
1819	Red oak (399)	27	9	Good	Asymmetrical form	CROWDED BY ADJACENT TREES, HIGH CROWN	PRESERVE	1.8	1819
1820	Red oak (400)	38	13	Good	One sided form	CROWDING BY ADJACENT TREES, MINOR DIEBACK ON LOWER BRANCHES	PRESERVE	2.4	1820
1821	Red oak	12	1	Fair	Single stem	DEADWOOD IN CROWN, CROWDED BY ADJACENT TREES, UNDERSTORY	PRESERVE	1.2	1821
1822	White pine (406)	44	12	Good	Narrow form	CROWDING BY ADJACENT TREE, MINOR DIEBACK ON LOWER BRANCHES	PRESERVE	3	1822
1823	Sugar maple	17	5	Fair	Single stem	ROUND CROWN,	PRESERVE	1.8	1823
1824	White pine (409)	30	7	Good	One sided form	SUBORDINATED BY ADJACENT TREE	PRESERVE	2.4	1824
1825	Red oak	20	5	Fair	Single stem	OBLONG CROWN, DEADWOOD IN CROWN	PRESERVE	1.8	1825
1826	Sugar maple	10	2	Fair	Single stem	CROWDED BY ADJACENT TREES, ONE SIDED CROWN	PRESERVE	1.2	1826
1827	Red oak (410)	55	11	Fair	Irregular form	CROWDING BY ADJACENT TREE, LEANING, MINOR CROWN DIEBACK	PRESERVE	3.6	1827
1828	Red oak	49, 70	12	Fair	Double stem	HANGERS IN CROWN, DEADWOOD IN CROWN	PRESERVE	4.2	1828
1829	Black cherry	26	3	Fair	Single stem	DEADWOOD IN CROWN, ASYMMETRICAL FORM	PRESERVE	1.8	1829
1830	Red oak	50	8	Fair	Single stem	LEANING TOWARDS RAVINE, DEADWOOD IN CROWN, DENSE CANOPY	PRESERVE	3	1830
1831	Sugar maple	12	2	Fair	Single stem	NARROW FORM	PRESERVE	1.8	1831
1832	Red oak (412)	23	11	Fair	Narrow form	MINOR DIEBACK AND SUCKER GROWTH THROUGHOUT	PRESERVE	1.8	1832

## Observations

The trees identified within and immediately adjacent to the property can be described as planted, landscape accent trees as well as a large number of mature naturalized trees flanking the existing driveway and into the designated Natural Heritage System flanking the north and east edges of the property. The trees are mostly semi-mature to mature species in varying levels of health and condition. A small number of trees are dead or in poor health. The species inventoried are mainly composed of White Pine, Sugar Maple, Red Oak, Black Cherry, Ironwood, Paper Birch, and Norway Maple.

## Tree Preservation

In determining the tree preservation recommendations for the site, the criteria noted below were considered:

- Overall tree health, form, size, species and predicated longevity.
- Anticipated impact from construction of buildings and proposed landscape features, road works, site servicing and grading.

Each tree was assigned a minimum Tree Preservation Zone (TPZ) as per standard requirements used by municipal by-laws (*Refer to Table 2-Tree Protection Zones*).

**ARBORIST REPORT**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
**900 MISSISSAUGA HEIGHTS DRIVE, MISSISSAUGA, ONTARIO**

**Table 2 - Tree Protection Zones**

<i>Trunk Diameter (DBH)</i>	<i>Minimum Protection Zone</i>
<10 cm	1.2m
10-29 cm	1.8 m
30-40 cm	2.4 m
41-50 cm	3.0 m
51-60 cm	3.6 m
61-70 cm	4.2 m
71-80 cm	4.8 m
81-90 cm	5.4 m
91-100 cm	6.0 m
< 100 cm	6cm per 1cm DBH

### Private Tree By-Law

**Table 3 – Tree Categories**

<b>CITY OF MISSISSAUGA TREE CATEGORIES</b>	
1	Trees with diameters of 15cm or more, situated on private property, on the subject site.
2	Trees with diameters of 15cm or more, situated on private property, within 6m of the subject site.
3	Trees of all diameters situated within the City road allowance adjacent to the subject site.
4 <i>(exempt)</i>	Trees that are less than 15cm diameter and located on private property.

The City of Mississauga Private Tree Bylaw protects trees found on private property that are greater than 15cm DBH (Diameter at Breast Height) as well as trees of all diameters situated within the City road allowance.

The By-law states that:

- No Person shall Injure or Destroy a Tree with a Diameter of 15 centimeters or greater located on private property without a valid permit.
- No Person shall interfere with Hoarding that is erected in accordance with this By-law.
- No Person shall injure or destroy a Replacement Tree without a valid Permit.
- Permission is required for Ash or dead tree removals, but no permit fee is required.

The site planning for this property includes a 10,817 sq.m Natural Heritage System as well as protected Table land woodland areas which allow for the preservation of trees within large areas of the property. Tree Compensation planting areas have also been identified and reserved on site.

### Tree Removals

The following is a summary of proposed tree removals for this site that will require a permit for removal in accordance with City of Mississauga Private Tree Bylaw. A total of fifty-eight (58) trees, subject to the Private Tree Bylaw, are to be removed to accommodate the proposed site plan, grading and servicing requirements.



**ARBORIST REPORT**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
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**Table 4 – Tree Removals subject to Private Tree Bylaw**  
*(Refer to Existing Tree Inventory List for details pertaining to specific trees)*

KEY	SPECIES	CALIPER (cm)	HEALTH G/F/P	REASON	STATUS	OWNERSHIP	KEY	SPECIES	CALIPER (cm)	HEALTH G/F/P	REASON	STATUS	OWNERSHIP
7	ASH	29	DEAD		REMOVE	PRIVATE	321	SHAGBARK HICKORY	36.5	GOOD	CONSTRUCTION	REMOVE	PRIVATE
13	RED OAK	24	FAIR	CONSTRUCTION	REMOVE	PRIVATE	322	COLORADO SPRUCE	28.0	FAIR	CONSTRUCTION	REMOVE	PRIVATE
14	IRONWOOD	19	FAIR	CONSTRUCTION	REMOVE	PRIVATE	323	SUGAR MAPLE	47.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE
21	WHITE PINE	54.5	POOR	CONSTRUCTION	REMOVE	PRIVATE	324	RED OAK	65.0	FAIR	CONSTRUCTION	REMOVE	PRIVATE
24	ELM	20	DEAD		REMOVE	PRIVATE	325	SUGAR MAPLE	29.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE
235	WHITE ASH	18.0	DEAD		REMOVE	PRIVATE	326	SUGAR MAPLE	38.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE
238	WHITE PINE	64.0	FAIR	CONSTRUCTION	REMOVE	PRIVATE	327	SUGAR MAPLE	51.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE
239	WHITE PINE	47.5	GOOD	CONSTRUCTION	REMOVE	PRIVATE	328	WHITE SPRUCE	31.0	POOR	CONSTRUCTION	REMOVE	PRIVATE
240	RED OAK	60.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE	329	HAWTHORN	21-25	FAIR	CONSTRUCTION	REMOVE	PRIVATE
241	RED OAK	66.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE	330	SUGAR MAPLE	53.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE
242	WHITE PINE	26.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE	331	SUGAR MAPLE	49.5	GOOD	CONSTRUCTION	REMOVE	PRIVATE
243	WHITE PINE	67.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE	333	POPLAR	25.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE
245	WHITE PINE	44.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE	336	DEBORAH NORWAY MAPLE	15.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE
246	WHITE PINE	18.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE	337	POPLAR	30.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE
247	WHITE PINE	21.5	GOOD	CONSTRUCTION	REMOVE	PRIVATE	346	HAWTHORN	29.5	GOOD	CONSTRUCTION	REMOVE	PRIVATE
248	WHITE PINE	21.5	GOOD	CONSTRUCTION	REMOVE	PRIVATE	348	PAPER BIRCH	22	FAIR	CONSTRUCTION	REMOVE	PRIVATE
301	CRABAPPLE	24.0	FAIR	CONSTRUCTION	REMOVE	PRIVATE	349	PAPER BIRCH	17.5	GOOD	CONSTRUCTION	REMOVE	PRIVATE
302	CRABAPPLE	23.5	FAIR	CONSTRUCTION	REMOVE	PRIVATE	350	PAPER BIRCH	15.5-21	GOOD	CONSTRUCTION	REMOVE	PRIVATE
303	CRABAPPLE	14.0	FAIR	CONSTRUCTION	REMOVE	PRIVATE	351	PAPER BIRCH	17.5	GOOD	CONSTRUCTION	REMOVE	PRIVATE
304	CRABAPPLE	18.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE	352	PAPER BIRCH	31.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE
305	WHITE PINE	78.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE	353	PAPER BIRCH	29.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE
306	WHITE PINE	72.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE	354	PAPER BIRCH	17-24	GOOD	CONSTRUCTION	REMOVE	PRIVATE
307	KENTUCKY COFFEE TREE	18.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE	1804	RED OAK	29	GOOD	CONSTRUCTION	REMOVE	PRIVATE
309	RIVER BIRCH	13-18	GOOD	CONSTRUCTION	REMOVE	PRIVATE	1805	RED OAK	15, 10	FAIR	CONSTRUCTION	REMOVE	PRIVATE
310	DAWN REDWOOD	21.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE							
311	RIVER BIRCH	9.5-18	GOOD	CONSTRUCTION	REMOVE	PRIVATE							
312	DAWN REDWOOD	21.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE							
314	DAWN REDWOOD	15.5	GOOD	CONSTRUCTION	REMOVE	PRIVATE							
315	HAWTHORN	19.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE							
316	BLACK CHERRY	22.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE							
317	RED OAK	24.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE							
318	RED OAK	60.0	FAIR	CONSTRUCTION	REMOVE	PRIVATE							
319	RED OAK	97.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE							
320	BUR OAK	35.0	GOOD	CONSTRUCTION	REMOVE	PRIVATE							

**Total of 58 Trees to be Removed**

**Tree Protection** (Refer to Appendix D – Tree Protection Hoarding Detail).

All trees eligible for preservation shall be protected in accordance with City of Mississauga tree protection standards. Tree protection is to be installed along the limit of the minimum TPZ or as outlined on the V100 - Tree Inventory, Preservation & Removals Plan. Hoarding is to remain in place throughout the duration of construction and should be periodically reviewed by the Consulting Arborist to ensure that it remains in good working condition.

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### Tree Compensation Requirements

The City of Mississauga requires replacement trees be provided for one or more trees 15cm or greater on your property. One replacement tree is required for every 15cm diameter being removed.

A Tree Replacement security deposit determined by the City is required to ensure that the replacement trees are planted on private property. If there is no sufficient space to accommodate the trees, you must pay to plant replacement trees on City property.

The City requests that replacement trees be at a minimum 1.8m tall if coniferous and 6cm in diameter if deciduous.

**Table 5 – Tree Compensation List**

KEY	SPECIES	CALIPER (cm)	HEALTH G/F/P	COMPENSATION	KEY	SPECIES	CALIPER (cm)	HEALTH G/F/P	COMPENSATION
7	ASH	29	DEAD		321	SHAGBARK HICKORY	36.5	GOOD	2
13	RED OAK	24	FAIR	2	322	COLORADO SPRUCE	28.0	FAIR	2
14	IRONWOOD	19	FAIR	1	323	SUGAR MAPLE	47.0	GOOD	3
21	WHITE PINE	54.5	POOR		324	RED OAK	65.0	FAIR	4
24	ELM	20	DEAD		325	SUGAR MAPLE	29.0	GOOD	2
235	WHITE ASH	18.0	DEAD		326	SUGAR MAPLE	38.0	GOOD	3
238	WHITE PINE	64.0	FAIR	4	327	SUGAR MAPLE	51.0	GOOD	3
239	WHITE PINE	47.5	GOOD	3	328	WHITE SPRUCE	31.0	POOR	
240	RED OAK	60.0	GOOD	4	329	HAWTHORN	21-25	FAIR	2
241	RED OAK	66.0	GOOD	4	330	SUGAR MAPLE	53.0	GOOD	4
242	WHITE PINE	26.0	GOOD	2	331	SUGAR MAPLE	49.5	GOOD	3
243	WHITE PINE	67.0	GOOD	4	333	POPLAR	25.0	GOOD	2
245	WHITE PINE	44.0	GOOD	3	336	DEBORAH NORWAY MAPLE	15.0	GOOD	1
246	WHITE PINE	18.0	GOOD	1	337	POPLAR	30.0	GOOD	2
247	WHITE PINE	21.5	GOOD	1	346	HAWTHORN	29.5	GOOD	2
248	WHITE PINE	21.5	GOOD	1	348	PAPER BIRCH	22	FAIR	1
301	CRABAPPLE	24.0	FAIR	2	349	PAPER BIRCH	17.5	GOOD	1
302	CRABAPPLE	23.5	FAIR	2	350	PAPER BIRCH	15.5-21	GOOD	1
303	CRABAPPLE	14.0	FAIR	1	351	PAPER BIRCH	17.5	GOOD	1
304	CRABAPPLE	18.0	GOOD	1	352	PAPER BIRCH	31.0	GOOD	2
305	WHITE PINE	78.0	GOOD	5	353	PAPER BIRCH	29.0	GOOD	2
306	WHITE PINE	72.0	GOOD	5	354	PAPER BIRCH	17-24	GOOD	2
307	KENTUCKY COFFEE TREE	18.0	GOOD	1	1804	RED OAK	29	GOOD	2
309	RIVER BIRCH	13-18	GOOD	1	1805	RED OAK	15, 10	FAIR	1
310	DAWN REDWOOD	21.0	GOOD	1					
311	RIVER BIRCH	9.5-18	GOOD	1					
312	DAWN REDWOOD	21.0	GOOD	1					
314	DAWN REDWOOD	15.5	GOOD	1					
315	HAWTHORN	19.0	GOOD	1					
316	BLACK CHERRY	22.0	GOOD	1					
317	RED OAK	24.0	GOOD	2					
318	RED OAK	60.0	FAIR	4					
319	RED OAK	97.0	GOOD	6					
320	BUR OAK	35.0	GOOD	2					

**Total of 120 Compensation Trees Required**

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**Tree Preservation Recommendations**

The following tree protection measures are recommended to be undertaken by the builder in order to successfully preserve the trees noted on the Tree Preservation Plans.

**Pre-Construction**

- Prior to the commencement of any site works, all trees to be preserved will be protected with City approved framed tree protection hoarding. This hoarding shall be maintained for the duration of site construction. It shall not be removed until authorized by the Consulting Arborist or the City.
- Once installed, the limits of protection hoarding shall be approved in the field by the Consulting Arborist and the City of Mississauga, Urban Forestry Department.

**During Construction**

- Areas within the protection hoarding shall remain undisturbed for the duration of site construction and shall not be used for the storage of excavated fill, building materials, structures or equipment.
- Minor grading works will be permitted at the edge of the preservation zone as required to correct localized depressions or blend grade to limit of site works. This work to be undertaken under the review of the Consulting Arborist.
- Where root systems of trees to be preserved are exposed or damaged by construction work, they shall be trimmed neatly by a qualified Arborist in accordance with acceptable arboricultural practice. The exposed area shall be backfilled with appropriate material to prevent desiccation.
- No cables of any type shall be wrapped around or installed in trees to be preserved. No contaminants will be dumped or flushed where feeder roots of trees exist.

**Post-Construction**

- Following construction, the limits of the "Tree Protection Zone" shall be inspected by the Consulting Arborist. Any pruning, watering, fertilization or replacement requirements will be determined at that time.
- Tree protection hoarding may be removed to facilitate final landscape fine grading and tree planting. This must be completed under the review of the Consulting Arborist.

To ensure that the above measures are properly implemented, the Consulting Arborist shall be involved at the following stages of construction in the vicinity of the tree preservation zones:

1. Upon layout and installation of protective hoarding.
2. Periodically during construction to ensure that hoarding remains in place and no damage occurs to trees to be preserved.
3. Upon fine grading of site or other landscape works
4. Upon completion of construction activities

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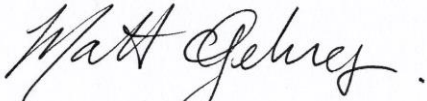
**Conclusion**

Strybos Barron King Ltd. was retained by Diamond Luxury Group to prepare an Arborist Report for the subject property in accordance with the City of Mississauga Tree Bylaw requirements. The report summarizes the trees inventoried and provides recommendations for retention or removal in context with the proposed site plan. Fifty eight (58) trees are recommended for removal and a tree permit will be required. The attached Tree Preservation Plan is to be used as reference with this report.

The report contains general recommendations for tree protection, preservation and remediation for trees within proximity to the proposed construction works.

Prepared By:

**STRYBOS BARRON KING LTD.**



**Matthew Gebres**

*I.S.A. Certified Arborist #ON-1114A*

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**Appendix A -SITE PHOTOGRAPHS**



Existing Tennis Court and Northwest side of site



View at Top of Bank



View East to Mississauga Heights Drive



View NE from Tennis Court to Mississauga Heights Drive



View North from existing driveway



View North from existing driveway

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View South Approximate Mid-Point of Site



View South from Mid-Point of Site

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**Appendix B – CONTEXTUAL TREE INVENTORY & PRESERVATION PLAN**



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**Appendix C - TREE PROTECTION HOARDING DETAILS**

