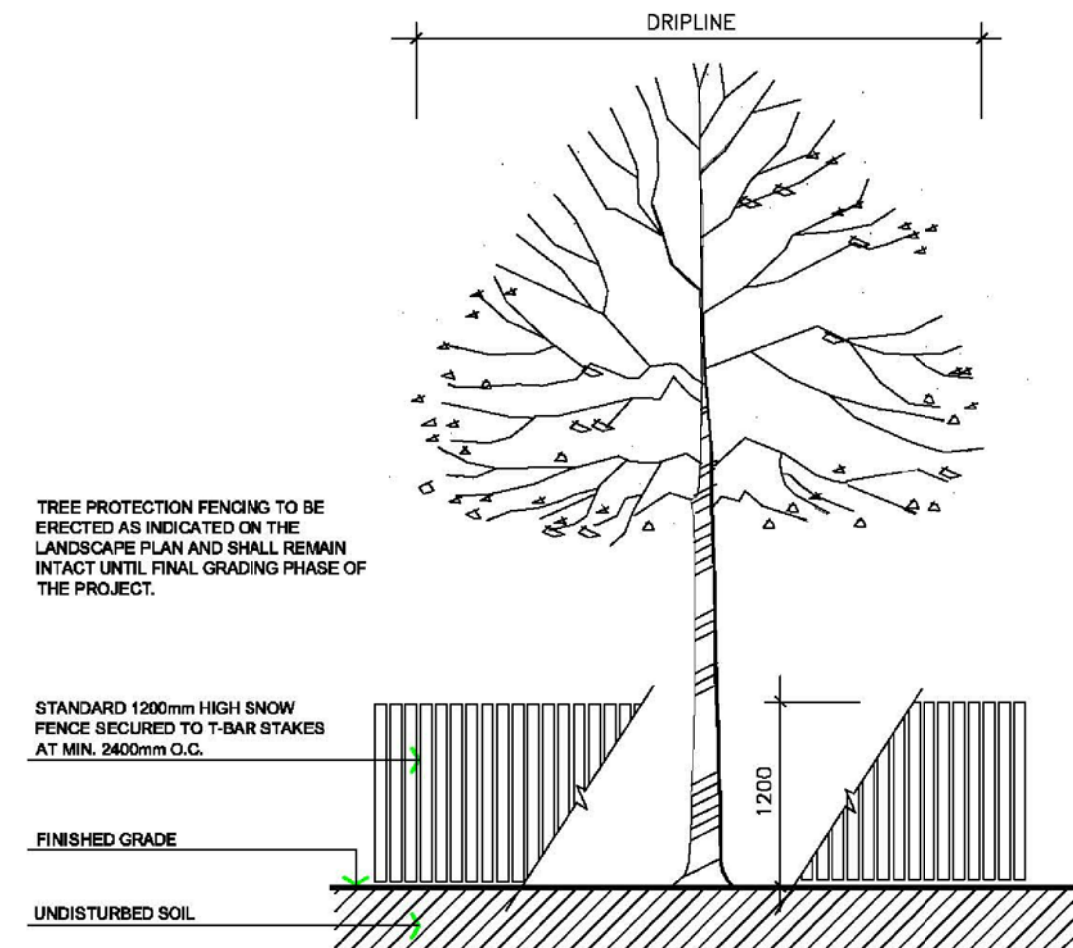


EXISTING TREE INVENTORY												
KEY	SPECIES	CALIPER	CROWN	HEALTH	STRUCTURE	COMMENTS	PRESERVATION	MIN. TPZ	KEY			
		IN (DBH)	IN (Ht)									
1	PAPER BIRCH	32.0	10	GOOD	DOUBLE STEM	INCLUDED BARK, WEAK CROTCH, CROWNING BY ADJACENT TREE, SF	DIRECTION					
2	PAPER BIRCH	32.0	10	GOOD	DOUBLE STEM	ONE SIDED FORM, CROWNING BY ADJACENT TREE, WEAK CROTCH, INCLUDED BARK	PRESERVE	2.4	1			
3	MANTOBA MAPLE	37.0	8	FAIR	IRREGULAR FORM	LEANING, ONE SIDED FORM, SUCKER GROWTH AT BASE, BROKEN LIMBS	PRESERVE	2.4	2			
4	PAPER BIRCH	17.18	8	GOOD	DOUBLE STEM	ONE SIDED FORM, CROWNING BY ADJACENT TREE, WEAK CROTCH	REMOVE	2.4	3			
5	PAPER BIRCH	24.0	7	FAIR	ONE SIDED FORM	CROWN SUBROTATED BY ADJACENT TREE, MINOR BASAL DECAY	PRESERVE	1.8	4			
6	BUTTERNUT	63.0	18	FAIR	BROAD FORM	CO-DOMINANT LEADERS SLIGHTLY CROOKED BY ADJACENT TREES, SEVERAL DEAD OR DECLINING LIMBS AND BRANCHES, SIGNS OF GAMMIE THROUGHOUT, LIVE CROWN ANALYSIS WILL BE REQUIRED IN SUMMER	PRESERVE	4.2	5			
7	PAPER BIRCH	26.0	5	POOR	ONE SIDED FORM	SEVERELY DECLINING	REMOVE	1.8	7			
8	LARCH	29.0	6	GOOD	ONE SIDED FORM	CROWNING BY ADJACENT TREE, DEBARK ON LOWER BRANCHES	PRESERVE	1.8	8			
9	LARCH	32.0	7	GOOD	ONE SIDED FORM	CROWNING BY ADJACENT TREE, LEANING, MINOR DEBARK ON LOWER BRANCHES	PRESERVE	2.4	9			
10	GREEN ASH	44.0	12	POOR	ASYMMETRICAL FORM	LEAF, DECLINING	REMOVE	3	10			
11	LARCH	41.0	9	GOOD	ONE SIDED FORM	CROWNING BY ADJACENT TREE, SUCKER GROWTH ON STEM	PRESERVE	3	11			
12	WHITE CEDAR	42.0	7	GOOD	GOOD FORM	CROWN SLIGHTLY ELEVATED	PRESERVE	3	12			
13	CRABAPPLE	20.2	6	POOR	DOUBLE STEM	ONE SIDED FORM, DEBARK THROUGHOUT, SUCKER GROWTH AT BASE	REMOVE	1.8	13			
14	WHITE CEDAR	25.0	7	GOOD	DOUBLE STEM	ONE SIDED FORM, CROWNING BY ADJACENT TREE	PRESERVE	NA	14			
15	WHITE CEDAR	42.0	6	GOOD	NARROW FORM	DOUBLE LEADERS, CROWNING BY ADJACENT TREE, ELEVATED CROWN	REMOVE	NA	15			
16	WHITE CEDAR	19.0	4	POOR	NARROW FORM	SIGNIFICANT DEBARK THROUGHOUT, CROWNING BY ADJACENT TREE, DOUBLE LEADERS	REMOVE	NA	16			
17	BLACK WALNUT	11.0	4	GOOD	GOOD FORM	BRANCHING TO GRADE	REMOVE	NA	17			
18	BLACK WALNUT	8.0	4	GOOD	GOOD FORM	VINE ENTANGLED	PRESERVE	1.2	18			
19	BLACK WALNUT	12.0	4	GOOD	ONE SIDED FORM	CROWNING BY ADJACENT TREE	REMOVE	NA	19			
20	BLACK WALNUT	11.0	3	GOOD	ONE SIDED FORM	CROWNING BY ADJACENT TREE	REMOVE	NA	20			
21	NORWAY SPRUCE	28.0	5	GOOD	ONE SIDED FORM	CROWNING BY ADJACENT TREE, BRANCHING TO GRADE	PRESERVE	1.8	21			
22	NORWAY SPRUCE	26.0	6	GOOD	ONE SIDED FORM	CROWNING BY ADJACENT TREE, BRANCHING TO GRADE	REMOVE	1.8	22			
23	WHITE CEDAR	22.5	4	POOR	ONE SIDED FORM	FORMERLY PART OF A ROW, LEANING, NO CLEAR LEADER, SIGNIFICANT DEADWOOD IN STEM	REMOVE	NA	23			
24	WHITE CEDAR	32.0	5	FAIR	IRREGULAR FORM	ELEVATED CROWN, DEBARK ON LOWER BRANCHES, BASAL DECAY, DEBARK IN CROWN	REMOVE	NA	24			
25	WHITE PINE	18.0	5	GOOD	GOOD FORM	BRANCHING TO GRADE, PART OF BUTTERFLY PLANTING ASSOCIATED WITH ADJACENT SUBDIVISION	PRESERVE	1.8	25			
26	CEGAR HEDGE	3m Ht	1	GOOD	GOOD FORM	GROWING THROUGH CHAIN LINK FENCE	PRESERVE	NA	26			
27	MANTOBA MAPLE	WHIPS	4	GOOD	MULTI-STEMMED	WHIP SAPLINGS SPROUTING FROM OLDER STUMP	PRESERVE	1.2	27			
28	MANTOBA MAPLE	10-12	5	GOOD	DOUBLE STEM	BRANCHING TO GRADE	PRESERVE	1.8	28			
29	BRADFORD PEAR	14.0	5	GOOD	GOOD FORM	BUILD, TREE	PRESERVE	1.8	29			
30	MANTOBA MAPLE	WHIP-10	5	GOOD	MULTI-STEMMED	INTERMITTENT, NATURALIZED ROW OF IMMATURE TREES ALONG EXISTING CHAIN LINK FENCE LINE	PRESERVE	1.2	30			
31	CECIDIUS WOODLOT	50	14	POOR	VARIES	THICK, DECIDUOUS WOODLOT EDGE COMPOSED PRIMARILY OF POPLAR AND GREEN ASH TREES, THERE IS A SMALL NUMBER OF LESS MATURE SUGAR MAPLE, BLACK CHERRY, COMMON BEECH AND BLACK WALNUT ALONG THE EDGE. THE COMPOSITION OF THE EDGE CHANGES SLIGHTLY WITHIN THE SOUTHERN 1/3 OF THE WOODLOT. THE SPECIES ALONG THE EDGE IS COMPOSED MAINLY OF BLACK LOCUST, ASH AND BLACK CHERRY. MANY OF THE SEMI-MATURE ASH TREES ARE EXHIBITING SIGNS OF DECLINE, LIKELY DUE TO EAB. SEVERAL SLASH PILES ARE LOCATED ALONG THE EDGE. THE SHRUB LAYER IS SPARSE AND IS MAINLY LIMITED TO SMALL CLUSTERS OF RED OBER COCKWOOD.	PRESERVE	3	31			
32	PEAR	6-11	6	FAIR	MULTI-STEMMED	SOME BRANCHES TOPPED	PRESERVE	1.8	32			
33	SUGAR MAPLE	37.0	11	GOOD	SPROUT FORM	SEVERAL LEADERS, INCLUDED BARK, CROSSING BRANCHES, SOME DEADWOOD IN CROWN	PRESERVE	3.6	33			
34	CRABAPPLE	20.2	6	FAIR	ONE SIDED FORM	LEANING, CROWNING BY ADJACENT TREE	PRESERVE	1.8	34			
35	ROWAN	10-15	5	GOOD	GOOD FORM	MINOR INTERNAL DEBARK	PRESERVE	2.4	35			
36	NORWAY SPRUCE	26.0	7	GOOD	GOOD FORM	BRANCHING TO GRADE	REMOVE	NA	36			
37	NORWAY SPRUCE	10.0	5	GOOD	ONE SIDED FORM	CROWNING BY ADJACENT TREE, BRANCHING TO GRADE	REMOVE	NA	37			
38	NORWAY SPRUCE	18.0	6	GOOD	GOOD FORM	BRANCHING TO GRADE	REMOVE	NA	38			
39	CEGAR HEDGE	WHIP-13	FAIR	GOOD FORM	SMALL, INTERMITTENT HEDGE	REMOVE	NA	39				
40	WHITE SPRUCE	27.0	6	GOOD	GOOD FORM	SLIGHTLY LEANING	REMOVE	NA	40			
41	WHITE SPRUCE	23.0	6	GOOD	GOOD FORM	BRANCHING TO GRADE	REMOVE	NA	41			
42	CEGAR HEDGE	WHIP-35	VARIES	GOOD FORM	CEGAR ROW OCCURRING ALONG REMNANT PRIZE VINE FENCE LINE, A SMALL NUMBER OF DECLINING ASH TREES, BLACK LOCUST AND SUGAR MAPLE SAPLINGS ARE GROWING ALONG THE EDGES OF THE HEDGE ROW	REMOVE	NA	42				
43	DEED PLANTATION	WHIP-50	VARIES	VARIES	NATURAL PLANTATION COMPOSED OF SEVERAL ROWS OF LARCH, WHITE SPRUCE, ASH, RED OAK, AND BASSWOOD, THE LARGEST TREES ARE COMPOSED OF LARCH AND ASH, WITH THE SMALLER TREES BEING OF RED OAK, BASSWOOD AND WHITE SPRUCE.	REMOVE	NA	43				
44	BLACK LOCUST	68.0	8	POOR	HIGH CROWN	ONE STEM REMAINS OF TWO, CONSIDERABLE DEBARK ALONG STEM, CRACKS AND SPLITS THROUGHOUT STEM, LEANING NORTH	REMOVE	NA	44			
45	GREEN ASH	7	DEAD				REMOVE	NA	45			
46	SUGAR MAPLE	23.0	6	FAIR	ONE SIDED FORM	CROWNING BY ADJACENT TREE, BROKEN BRANCHES	REMOVE	NA	46			
47	BLACK WALNUT	25.0	7	GOOD	GOOD FORM	DEBARK ON LOWER BRANCHES, HIGH CROWN	REMOVE	NA	47			
48	SUGAR MAPLE	17.0	7	GOOD	ONE SIDED FORM	CROWNING BY ADJACENT TREE	REMOVE	NA	48			
49	SUGAR MAPLE	43.0	18	GOOD	DOUBLE STEM	ONE SIDED FORM, CROWNING BY ADJACENT TREE, DEBARK ON LOWER BRANCHES, MINOR CROWN DEBARK	REMOVE	NA	49			
50	COLORADO BLUE SPRUCE	20.0	4	GOOD	GOOD FORM	BRANCHING TO GRADE	PRESERVE	1.8	50			
51	BLACK LOCUST	68.0	7	POOR	IRREGULAR FORM	OVER MATURE, BASAL DECAY, CROWNING BY ADJACENT TREE, HIGH CROWN	PRESERVE	4.2	51			
52	SUGAR MAPLE	26.0	6	GOOD	ASYMMETRICAL FORM	CROWNING BY ADJACENT TREE, MINOR DEBARK ON LOWER BRANCHES	PRESERVE	1.8	52			
53	WHITE ELM	38.0	9	FAIR	ASYMMETRICAL FORM	CROWNING BY ADJACENT TREE, BOLD, SOME UPPER CROWN DEBARK	REMOVE	NA	53			
54	BLACK LOCUST	68.0	8	FAIR	NARROW FORM	HIGH CROWN, CROWNING BY ADJACENT TREE, DEBARK ON LOWER BRANCHES, UPPER CROWN DEBARK	REMOVE	NA	54			
55	MANTOBA MAPLE	19.0	5	POOR	ONE SIDED FORM	CROWNING BY ADJACENT TREE, LEANING, DECLINING	REMOVE	NA	55			
56	NORWAY SPRUCE	57.0	12	GOOD	GOOD FORM	MATURE, CROWN ELEVATED TO 3m Ht	PRESERVE	3.6	56			
57	BLACK LOCUST	30.0	9	FAIR	ONE SIDED FORM	CROWNING BY ADJACENT TREE, LEANING SOUTH	REMOVE	NA	57			
58	BLACK LOCUST	40.0	10	FAIR	DOUBLE LEADER	ONE SIDED FORM, CROWNING BY ADJACENT TREE, SOME DEBARK THROUGHOUT	REMOVE	NA	58			
59	BLACK LOCUST	30.0	6	FAIR	ONE SIDED FORM	CROWNING BY ADJACENT TREE, HIGH CROWN	REMOVE	NA	59			
60	SILVER MAPLE	27.0	11	GOOD	DOUBLE STEM	ONE SIDED FORM, CROWNING BY ADJACENT TREE, MINOR DEBARK ON LOWER BRANCHES	REMOVE	NA	60			
61	BLACK LOCUST	48.0	6	POOR	NARROW FORM	HIGH CROWN, CROWNING BY ADJACENT TREE, DEBARK THROUGHOUT	REMOVE	NA	61			
62	GREEN ASH	8	DEAD				REMOVE	NA	62			
63	SUGAR MAPLE	41.0	7	FAIR	MULTIPLE LEADERS	CROWNING BY ADJACENT TREE, DEBARK ON LOWER BRANCHES, SOME DEADWOOD IN CROWN	REMOVE	NA	63			
64	NATURALIZED, CECIDIUS STAND	WHIP-35	DEAD-GOOD	VARIES	MIXED STAND OF TREES DOMINATED BY PAPER BIRCH, SEVERAL ASH SAPLINGS RING THE OUTSIDE EDGE OF THE BIRCH STAND, A CLUSTER OF DEAD, SEMI-MATURE GREEN ASH TREES OCCURS ALONG THE SOUTHWEST CORNER OF THE STAND	REMOVE	NA	64				
65	GREEN ASH	18-27.5	7	POOR	DOUBLE STEM	LEAF, DECLINING	REMOVE	1.8	65			
66	PAPER BIRCH	17.18	8	FAIR	DOUBLE STEM	ASYMMETRICAL FORM, CROWNING BY ADJACENT TREE, WEAK CROTCH, MINOR DEBARK ON LOWER BRANCHES	PRESERVE	1.8	66			
67	PAPER BIRCH	13.17	5	FAIR	DOUBLE STEM	LEANING, ONE SIDED FORM, CROWNING BY ADJACENT TREE, DEBARK ON LOWER BRANCHES	PRESERVE	1.8	67			
68	PAPER BIRCH	21.29	9	GOOD	MULTI-STEMMED	ASYMMETRICAL FORM, CROWNING BY ADJACENT TREE, LOW BRANCHING	PRESERVE	1.8	68			
69	PAPER BIRCH	37.0	6	GOOD	ONE SIDED FORM	CROWNING BY ADJACENT TREE, MINOR DEBARK ON LOWER BRANCHES, SOME UPPER CROWN DAMAGE	PRESERVE	2.4	69			
70	PAPER BIRCH	22.0	8	GOOD	ONE SIDED FORM	CROWNING BY ADJACENT TREE	PRESERVE	1.8	70			
71	PAPER BIRCH	27.0	8	GOOD	GOOD FORM	SLIGHT LEAN WEST	PRESERVE	1.8	71			
72	NORWAY SPRUCE	77.0	13	GOOD	IRREGULAR FORM	NATURE, ASYMMETRICAL FORM, MULTIPLE CO-DOMINANT STEMS ON WEST SIDE OF TREE, CROWN ELEVATED TO ACCOMMODATE OVERHANG	REMOVE	NA	72			
73	WHITE PINE	43.0	13	GOOD	ASYMMETRICAL FORM	LEANING, EXTENDED BRANCHES TOWARD WEST, MINOR INTERNAL DEBARK	REMOVE	NA	73			
74	PAPER BIRCH	33.5	7	GOOD	NARROW FORM	CROWNING BY ADJACENT TREE, DEBARK ON LOWER BRANCHES	REMOVE	NA	74			
75	PAPER BIRCH	19.24	8	GOOD	MULTI-STEMMED	ONE SIDED FORM, LEANING, CROWNING BY ADJACENT TREE, WEAK CROTCH, MINOR INTERNAL DEBARK	REMOVE	NA	75			

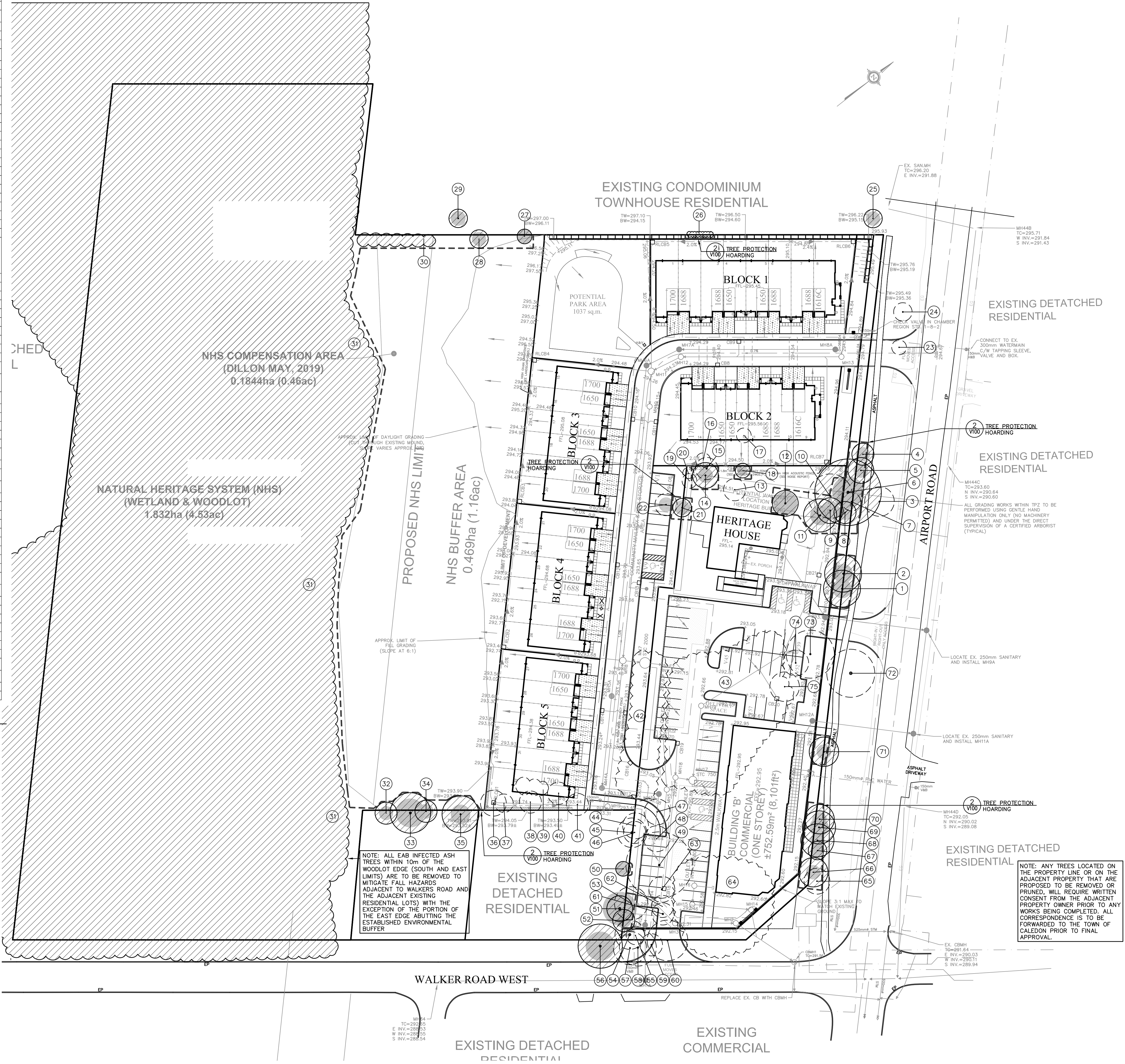
1 TREE PROTECTION HOARDING TOWN OF CALEDON



- SPECIFICATIONS FOR THE PROTECTION AND PRESERVATION OF EXISTING VEGETATION:**
- PRIOR TO BEGINNING OF THE BUILDING PERMIT, ALL EXISTING TREES THAT ARE TO BE PRESERVED SHALL BE FULLY PROTECTED WITH HOARDING (IE SNOW FENCING) OUTSIDE THEIR TROPIC LINES TO THE SATURATION OF THE TOWN. A CLUSTER OF TREES AND OTHER EXISTING PLANTINGS TO BE PROTECTED SHALL BE TREATED IN A LIKE MANNER WITH INDIVIDUAL TREES.
 - AREAS WITHIN THE PROTECTIVE FENCING SHALL REMAIN UNDISTURBED AND SHALL NOT BE USED FOR THE STORAGE OF BUILDING MATERIALS OR EQUIPMENT OR CONTAMINANTS SHALL BE CHAINED OR FENCED WHERE HEDER ROOTS OF TREES EXIST.
 - PRUNE BRANCHES TO REMOVE DAMAGED LIMBS ONLY, DO NOT DAMAGE LEADERS. ALL CUTS OVER 50mm SHALL BE TREATED IN ACCORDANCE WITH APPROPRIATE VERTICAL TAIL PRUNING AS APPROVED BY THE TOWN.
 - CUTTING OF ROOTS OR CAUSING OF GRADES AROUND TREES SHALL BE PROHIBITED AND SHALL NOT BE PERMITTED WITHOUT THE APPROVAL OF THE TOWN.
 - TREES THAT HAVE DIED, OR HAVE BEEN DAMAGED BEYOND REPAIR, SHALL BE NOTED AT THE DEVELOPER'S EXPENSE, WITH TREES OF A SIZE AND SPECIES APPROVED BY THE TOWN. IF TREES ARE BEING REMOVED BY CONSTRUCTION, A WATERING AND FERTILIZING PROGRAM IS TO BE SET UP TO THE SATISFACTION OF THE TOWN.
 - TREE PRESERVATION FENCE TO BE INSPECTED BY THE CONSULTING LANDSCAPE ARCHITECT AND APPROVED PRIOR TO CONSTRUCTION COMMENCING.

TOWN OF CALEDON				APPROVED: C.C.	DATE: JUNE 08
2	STANDARD No. 118 NOW 727, NOTES CONT.	JUNE 08	DRAWN: abal	SCALE: NTS	
1	NOTE NO. 8 ADDED	MARCH 08			
NO.	REVISION	APPROVED	DATE	STANDARD No. 707	

2 TREE PROTECTION HOARDING TOWN OF CALEDON

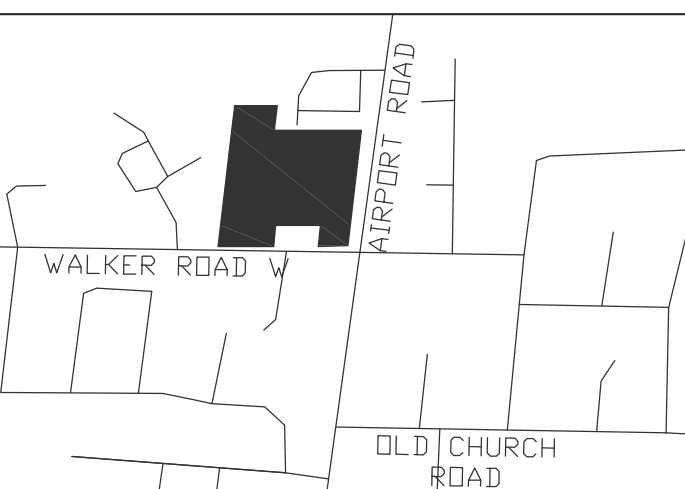


NOTE: ALL EAB INFECTED ASH TREES WITHIN 10m OF THE WOODLOT EDGE (SOUTH AND EAST LIMITS) ARE TO BE REMOVED TO MITIGATE FALL HAZARDS ADJACENT TO WALKERS ROAD AND THE ADJACENT EXISTING RESIDENTIAL LOTS) WITH THE EXCEPTION OF THE PORTION OF THE EAST EDGE ABUTTING THE ESTABLISHED ENVIRONMENTAL BUFFER

NOTE: ANY TREES LOCATED ON THE PROPERTY LINE OR ON THE ADJACENT PROPERTY THAT ARE PROPOSED TO BE REMOVED OR PRUNED, WILL REQUIRE WRITTEN CONSENT FROM THE ADJACENT PROPERTY OWNER PRIOR TO ANY WORKS BEING COMPLETED. ALL CORRESPONDENCE IS TO BE FORWARDED TO THE TOWN OF CALEDON PRIOR TO FINAL APPROVAL.

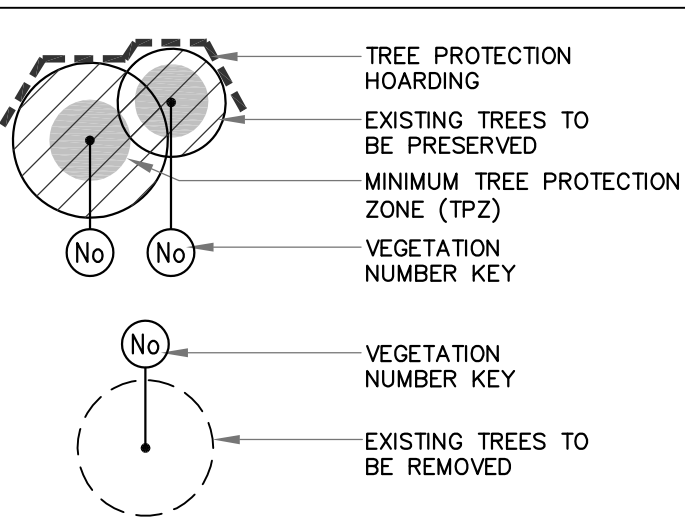
GENERAL NOTES

- VERIFY ALL DIMENSIONS.
- DO NOT SCALE DRAWINGS.
- REPORT ANY DISCREPANCIES, DISCOVERED ERRORS, OR OMISSIONS TO THE LANDSCAPE ARCHITECT BEFORE PROCEEDING.
- IT IS ADVISED THAT CONTRACTORS CONTACT THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION TO ENSURE THE USE OF THE LATEST REVISED DRAWINGS.
- DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE LANDSCAPE ARCHITECT.



KEY MAP

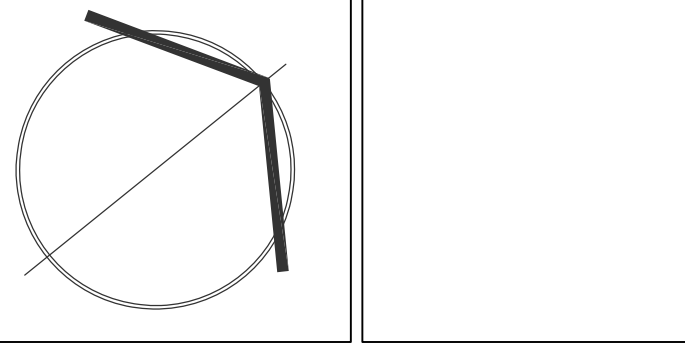
LEGEND



Matthew C. Gierres
MATTHEW C. GIERRES
 International Society of Arboriculture
 Certified Arborist #CNA-1144
 Date: NOVEMBER 05, 2019

NO.	DATE.	REVISION.	BY.
3	NOV 6th, 2019	ISSUED FOR RESUBMISSION	BB
2	SEPT 13, 2019	ISSUED FOR RESUBMISSION	BB
1	MARCH 02, 2017	FOR REVIEW AND COMMENTS	BB

It is the responsibility of the Contractor and/or Owner to ensure that the drawings with the latest revisions are used for construction.



SBK
STRBYOS BARRON KING
 LANDSCAPE ARCHITECTURE

PROJECT:
PROPOSED MIXED-USE DEVELOPMENT
 1614 AIRPORT ROAD
 PART OF LOT 4,
 CONCESSION 6, E.H.S.
 TOWN OF CALEDON
 REGION OF PEELE

DRAWING TITLE:
EXISTING TREE INVENTORY AND PRESERVATION PLAN