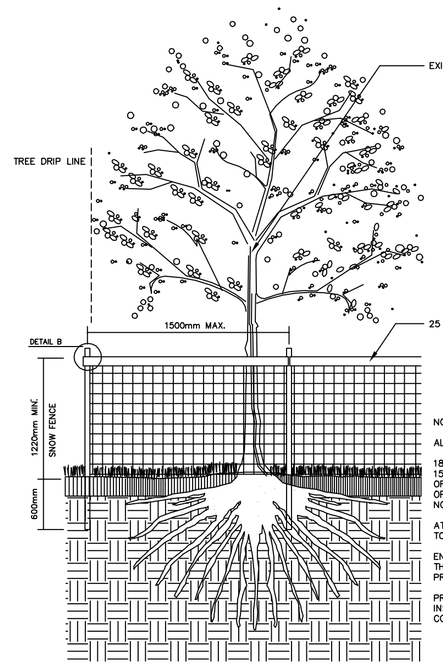
trim line

TREE IDENTIFICATION NAME

NO.	COMMON NAME	BOTANICAL NAME	ORIGIN
1	NORWAY MAPLE	ACER PLATINOIDES	INVASIVE
2	PAPER BIRCH	BETULA PAPYRIFERA	NATIVE
3	SHAGBARK HICKORY	CARYA OVATA	NATIVE
4	BITTERNUT HICKORY	CARYA CORDIFORMIS	NATIVE
5	HONEY LOCUST	GLEDITSIA TRICANTHOS	NATIVE
6	BLACK WALNUT	JUGLANS NIGRA	NATIVE
7	IRONWOOD	OSTRYA VIRGINIANA	NATIVE
8	HAWTHORN	CRATAEGUS	NATIVE
9	WHITE ASH	FRAXINUS AMERICANA	NATIVE
10	AMERICAN BEECH	FAGUS GRANDIFOLIA	NATIVE
11	WILD APPLE	MALUS SYVESTRIS	NATIVE
12	CHOKE CHERRY	PRUNUS VIRGINIANA	NATIVE
13	AMERICAN BASSWOOD	TILIA AMERICANA	NATIVE
14	LITTLE LEAF LINDEN	TILIA CORDATA	NATIVE
15	BUR OAK	QUERCUS MACROCARPA	NATIVE
16	RED OAK	QUERCUS RUBRA	NATIVE
17	WHITE PINE	PINUS STROBUS	NATIVE
18	BLACK PINE	PINUS NIGRA	NATIVE
19	SCOTCH PINE	PINUS SYLVESTRIS	INVASIVE
20	WHITE CEDAR	THUJA OCCIDENTALIS	NATIVE

PROTECTION AND PRESERVATION OF EXISTING VEGETATION

1. THE DEVELOPER IS RESPONSIBLE FOR ERECTING AND MAINTAINING SNOW FENCING AROUND TREES TO BE PRESERVED, IN ACCORDANCE WITH THE CITY OF BURLINGTON TREE PROTECTION STANDARDS.
2. THE CITY OF BURLINGTON ARBORIST IS TO BE NOTIFIED PRIOR TO CONSTRUCTION TO ARRANGE FOR PRE-CONSTRUCTION INSPECTION.
3. NO TREES ON CITY PROPERTY ARE TO BE REMOVED FOR DRIVEWAY INSTALLATION.
4. EXISTING GRADES AROUND PROTECTED TREES ARE TO REMAIN UNCHANGED.
5. WHERE POSSIBLE, NO EXCAVATION SHOULD BE CARRIED OUT WITHIN THE DRIPLINES OF THE PROTECTED TREES. ROOT LOSS MUST BE MINIMAL.
6. NO HEAVY EQUIPMENT SHOULD BE DRIVEN OVER THE TREE LAWN AREA, TO ALLEVIATE SOIL COMPACTION AROUND THE TREE ROOTS,
7. NO EQUIPMENT OR MATERIALS SHOULD BE ALLOWED TO HIT, ABRADE OR OTHERWISE DAMAGE ANY LIMBS OR BRANCH OF A TREE HANGING OVER THE IMMEDIATE CONSTRUCTION AREA.
8. NO SOIL OR CONSTRUCTION MATERIALS SHOULD BE PILED OVER THE TREE LAWN AREAS AROUND THE TRUNKS.



NOTES :

ALL DIMENSIONS IN MILLIMETRES

1828mm LONG T-BARS, SPACED AT 1500mm O/C AND WIRED TO THE INSIDE OF STANDARD SNOW FENCE AT A MIN. OF THREE LOCATIONS PER POST WITH NO. 10 WIRE.

ATTACHMENT OF SNOW FENCE TO TREES TO BE PRESERVED IS NOT ALLOWED.

ENSURE SNOW FENCE IS LOCATED BEYOND THE DRIP LINE OF THE TREES TO BE PROTECTED.

PROTECTIVE SNOW FENCING TO BE INSTALLED PRIOR TO START OF CONSTRUCTION.

TREE PROTECTION HOARDING

LEGEND

- 6 — EXISTING HIGH BRANCHING DECIDUOUS TREE
- 9 — EXISTING HIGH BRANCHING DECIDUOUS TREE (TO BE PROTECTED)
- 3 — EXISTING CONIFEROUS TREE
- 2 — EXISTING CONIFEROUS TREE (TO BE PROTECTED)
- EXISTING CONIFEROUS HEDGE ROW
- EXISTINGTREE MASS
- PROPOSED TREE PROTECTION HOARDING

TREE INVENTORY AND ANALYSIS

NO.	SPECIES	D.B.H.	CROWN	QUALITY	SURVIVABILITY	RATING	RECOMMENDATION	OWNER
1	BLACK PINE	210	6000	GOOD	H	M	PROTECT	(M.)
2	BLACK PINE	180	4500	GOOD	H	M	PROTECT	(M.)
3	BLACK PINE	190	6000	GOOD	L	M-L	REMOVE (1.)	(M.)
✳ 4	BLACK WALNUT	370	7500	GOOD	NONE	L	REMOVE (1.)	(M.)
✳ 5	WHITE ASH	420	3650	FAIR	NONE	L	REMOVE (1.)	(M.)
✳ 6	BLACK WALNUT	250	3650	GOOD	NONE	L	REMOVE (1.)	(M.)
✳ 7	HONEY LOCUST	520	6000	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 8	WHITE ASH	100	2000	GOOD	NONE	L	REMOVE (1.)	(P.)
9	BUR OAK	200	2440	GOOD	M	M	PROTECT	(M.)
✳ 10	WHITE PINE	250	3650	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 11	SCOTCH PINE	320	6000	DEAD	NONE	L	REMOVED (3.)	(P.)
✳ 12	SCOTCH PINE	220	4650	POOR	NONE	L	REMOVE (1.)	(P.)
✳ 13	NORWAY MAPLE	100	2440	GOOD	NONE	L	REMOVE (1.)	(P.)
14	BITTERNUT HICKORY	250	7500	GOOD	M	M	PROTECT	(P.)
✳ 15	IRONWOOD	130	2000	GOOD	L	L	REMOVE (1.)	(P.)
✳ 16	IRONWOOD	130	2000	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 17	IRONWOOD	160	2000	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 18	IRONWOOD	140	2000	GOOD	NONE	L	REMOVE (1.)	(P.)
19	IRONWOOD	120	1800	GOOD	M	M	PROTECT	(P.)
✳ 20	HAWTHORN	120	1800	FAIR	NONE	L	REMOVE (1.)	(P.)
✳ 21	HAWTHORN	120	1800	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 22	SHAGBARK HICKORY	280	2440	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 23	WHITE ASH	180	2500	POOR	NONE	L	REMOVE (1.)	(P.)
✳ 24	WILD APPLE	250	7500	FAIR	NONE	L	REMOVE (1.)	(P.)
✳ 25	WHITE CEDAR	100	1800	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 26	IRONWOOD	100	1800	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 27	IRONWOOD	110	1800	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 28	IRONWOOD	150	1500	POOR	NONE	L	REMOVE (1.)	(P.)
✳ 29	IRONWOOD	140	1500	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 30	BITTERNUT HICKORY	860	10500	DEAD	NONE	L	REMOVED (3.)	(P.)
✳ 31	SCOTCH PINE	220	6000	POOR	NONE	L	REMOVE (1.)	(P.)
✳ 32	SCOTCH PINE	300	9000	POOR	NONE	L	REMOVE (1.)	(P.)
✳ 33	NORWAY MAPLE	200	3650	FAIR	NONE	L	REMOVE (1.)	(P.)
✳ 34	BITTERNUT HICKORY	310	6000	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 35	NORWAY MAPLE	200	3650	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 36	NORWAY MAPLE	380	7500	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 37	SHAGBARK HICKORY	420	9000	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 38	NORWAY MAPLE	250	6000	FAIR	NONE	L	REMOVE (1.)	(P.)
✳ 39	WHITE PINE	450	9000	FAIR	NONE	L	REMOVE (1.)	(P.)
✳ 40	RED OAK	270	4650	POOR	NONE	L	REMOVE (1.)	(P.)

TREE INVENTORY AND ANALYSIS

NO.	SPECIES	D.B.H.	CROWN	QUALITY	SURVIVABILITY	RATING	RECOMMENDATION	OWNER
✳ 41	CHOKE CHERRY	180	3650	GOOD	NONE	L	REMOVE (1.)	(P.)
✳ 42	WILD APPLE	180	3000	FAIR	NONE	L	REMOVE (1.)	(P.)
✳ 43	WILD APPLE	180	3000	FAIR	NONE	L	REMOVE (1.)	(P.)
✳ 44	WILD APPLE	150	2000	FAIR	NONE	L	REMOVE (1.)	(P.)
✳ 45	WHITE PINE	700	10500	POOR	NONE	L	REMOVE (1.)	(P.)
✳ 46	WHITE PINE	200	7500	GOOD	NONE	L	REMOVE (1.)	(P.)
47	AMERICAN BEECH	380	7500	GOOD	H	M	PROTECT	(P.)
✳ 48	WHITE PINE	670	9000	POOR	L	L	REMOVE (1.)	(P.)
49	WHITE PINE	330	7500	POOR	M-L	L	PROTECT	(P.)
50	WHITE PINE	250	7500	POOR	L	L	PROTECT	(P.)
✳ 51	WHITE PINE	250	9000	DEAD	L	L	REMOVED (3.)	(P.)
✳ 52	WHITE PINE	250	9000	FAIR	NONE	L	REMOVE (1.)	(P.)
53	PAPER BIRCH	CLUMP 900	9000	FAIR	M	M	PROTECT	(P.)
✳ 54	WHITE PINE	300	7500	FAIR	NONE	L	REMOVE (1.)	(P.)
55	WHITE PINE	300	7500	POOR	M-L	M-L	PROTECT	(M.)
56	HONEY LOCUST	280	9000	GOOD	M	M	PROTECT	(M.)
57	HONEY LOCUST	150	3650	FAIR	M	M	PROTECT	(M.)
58	NORWAY MAPLE	120	3650	GOOD	M	M	PROTECT	(M.)
59	NORWAY MAPLE	120	3650	POOR	M-L	M-L	PROTECT	(M.)
60	NORWAY MAPLE	120	3650	GOOD	M	M	PROTECT	(M.)
61	LITTLE LEAF LINDEN	120	3650	GOOD	M	M	PROTECT	(M.)
62	RED OAK	600	9000	GOOD	M	M	PROTECT	(M.)
63	X	X	X	X	X	X	X	
64	X	X	X	X	X	X	X	
65	X	X	X	X	X	X	X	

✳ EXISTING TREES TO BE REMOVED AND DISPOSED OF.

TREE NO. ------ REFERS TO SITE PLAN FOR THE CORRELATION OF TREE NUMBER TO SITE LOCATION.

SPECIES ------ TYPE OF TREE (GENUS AND SPECIES)

D.B.H. ------- DIAMETER MEASURED AT BREAST HEIGHT IN MILLIMETRES

CROWN ------ SPREAD OF TREE MEASURED IN METRES

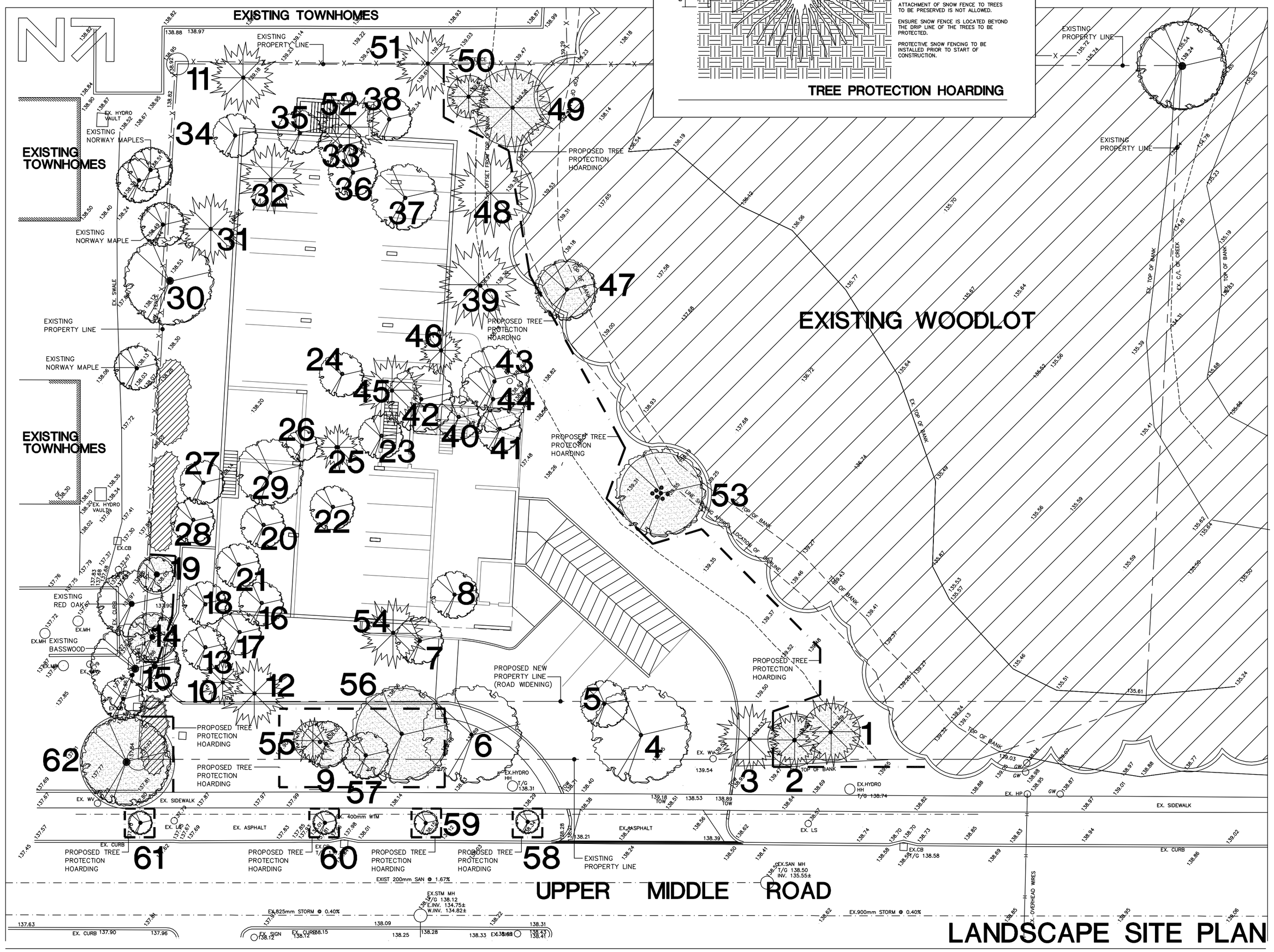
QUALITY ------ THE PRESENT CONDITION OF THE TREE, BIOLOGICAL CONDITION AND PHYSICAL APPEARANCE
- GOOD: DEAD BRANCHES LESS THAN 10% SIGNS OF GOOD COMPARTMENTALIZATION ON ANY WOUNDS, NO STRUCTURAL DEFECTS.
- FAIR: 10-30% DEAD BRANCHES, SIZE OR OCCURRENCE OF WOUNDS PRESENT SOME CONCERNS, MINOR STUCTURAL DEFECTS
- POOR: MORE THAN 30% DEAD BRANCHES, WEAK COMPARTMENTALIZATION, EARLY LEAF DROP, PRESENCE OF INSECTS OR DISEASE, MAJOR STRUCTURAL DEFECTS
- DEAD: TREE SHOWS NO SIGNS OF LIFE OR ALREADY REMOVED.

SURVIVABILITY -- ACCORDING TO THE SPECIES, ITS ABILITY TO SURVIVE THE PROPOSED SITE DEVELOPMENT RANKED H- HIGH (MOST TOLERANT), M- MEDIUM (PARTLY TOLERANT), L-LOW (VERY SENSITIVE).

RATING ------ RATING IN ORDER OF DECREASING PRIORITIES, WHICH TREE SHOULD BE GIVEN PRESERVATION PRIORITY OR WHICH TREES ARE LOCATED WITHIN THE PROPOSED SITE CONSTRUCTION AND

REMOVAL RATIONALE
- (1.) GRADING: GRADING OR BUILDING CONFLICT WITH TREE, REQUIRES REMOVAL
- (2.) SERVICING: SITE SERVICING CONFLICT WITH TREE, REQUIRES REMOVAL
- (3.) DEAD: TREE DEADOR VERY POOR, HAZARD TO HEALTH OR PROPERTY, REMOVE.
- (4.) SAFETY: DAYLIGHT TRIANGLE VISIBILITY CONFLICT WITH TREE, REQUIRES REMOVAL
- (5.) ESA: ESA CONFLICT WITH TREE SPECIES, REQUIRES REMOVAL

TREE OWNERSHIP
- (P.) TREE ON PRIVATE LANDS
- (M.) TREE ON MUNICIPAL LANDS



LANDSCAPE SITE PLAN

SCALE 1 : 200 metric

client
100 HAMILTON LTD.

designer
Think Giraffe ENVIRONMENTAL DESIGN

engineer
S. LLEWELLYN + ASSOCIATES LIMITED CONSULTING ENGINEERS

surveyor
GUIDO V. CONSOLI

ecologist / horticulturalist
DEAN FITZGERALD

LEGEND

no	revision	date	by
3	ISSUED FOR MUNICIPAL REVIEW	12/13/18	RDR
2	GENERAL REVISIONS AS PER MUNICIPAL COMMENTS/CONCERNS	09/17/18	RDR
1	ISSUED FOR CLIENT REVIEW (PRELIMINARY INVENTORY PLAN)	09/10/18	RDR

reviewed by
R. REYNOLDS

drawn by
R.D.R.

date
AUGUST 2018

scale 1: 200 metric

4 0 4 8 12

drawing title
TREE INVENTORY + PRESERVATION PLAN

drawing number
L.1

project title
PROPOSED
RESIDENTIAL BUILDING
4063 UPPER MIDDLE ROAD, BURLINGTON, ONTARIO.

project number
01705

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO — ROBERT DAWSON REYNOLDS — OALA MEMBER

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trim line

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