BUFFER STRIP PLANTING CALCULATIONS:

BUFFER STRIP AREA = 355 SQ.M.

- NUMBER OF TREES REQUIRED TO BE PLANTED
  10 TREE PER 100 SQ.M. = 35.5 TREES
  (40 TREES PROPOSED TO BE PLANTED)
- NUMBER OF SHRUBS REQUIRED TO BE PLANTED
  50 PER 100 SQ.M. = 177.5 SHRUBS
  (180 SHRUBS PROPOSED TO BE PLANTED)

"TERRASEED"

TERRASEEDING SPECIFICATION

BUFFER PLANTING AREA

5% WILD BERGAMONT (MONARDA FISTULOSA)
5% COMMON EVENING PRIMROSE (OENOTHERA BIENNIS)
10% NEW ENGLAND ASTER (SYMPHYOTRICHUM NOVAE-ANGLIAE)
10% COMMON SUNFLOWER (HELIANTHUS ANNUUS)
10% CREEPING BENT GRASS (AGROSTIS STOLONIFERA)
20% LITTLE BLUESTEM (SCHIZACHYRIUM SCOPARIUM)
20% BLACK-EYED SUSAN (RUDBECKIA HIRTA)
20% CANADIAN WILD RYEGRASS (ELYMUS CANADENSIS)

100% RATE OF APPLICATION 160 kg PER HECTARE

LANDSOURCE ORGANIX INC.
* 25mm THICK
* LANDSOURCE ORGANIX INC. MILTON (905) 875-1366

MAINTENANCE REQUIREMENTS
* ONE CUT ONCE A YEAR IN LATE FALL
* OVER SEEDING OF BARE OR LIGHT COVERED AREAS
* LANDSOURCE ORGANIX INC. MILTON (905) 875-1366

TRANSITION SOD SPEC:

USE PURE FINE FESCUE SOD FROM A SEED MIXTURE OF CULTIVARS OF CREEPING RED FESCUE, HARD FESCUE AND CHEWINGS FESCUE.

NURSERY GROWN SOD TO BE INSTALLED OVER 100mm. (4") OF CLEAN TOPSOIL AS SPECIFIED BY THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO. SOD SHALL NOT BE PERMITTED TO DRY OUT BEFORE PLACEMENT OR TO HEAT UP DUE TO STACKING OR TRANSPORT. BROKEN OR MANGLED SOD SHALL NOT BE LAID. SOD SHALL BE LAID WITHIN 24 HOURS OF CUTTING.

AVAILABLE AT GREENHORIZONS - HAMILTON SOD (905) 389-1315

NON NATIVE + INVASIVE SPECIES

AS PER A REQUEST FROM CONSERVATION HALTON WE WILL NOT PLANT THE NON LOCALLY NATIVE OR ANY INVASIVE SPECIES IDENTIFIED BY THE CONSERVATION AUTHORITY WITH IN 15M OF THE REGULATED LANDS.

LAWN SOD SPEC. :

USE NO. 1 KENTUCKY BLUEGRASS AND FESCUE SOD FROM A SEED MIXTURE OF CULTIVARS OF KENTUCKY BLUEGRASS AND CHEWING OR CREEPING RED FESCUE. THE TURF SHOULD NOT CONTAIN LESS THAN 50% CHEWING OR CREEPING RED FESCUE CULTIVAR(S) AND NOT LESS THAN 40% KENTUCKY BLUEGRASS CULTIVAR(S). NURSERY GROWN SOD TO BE INSTALLED OVER 100mm. (4") OF CLEAN TOPSOIL AS SPECIFIED BY THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO. SOD SHALL NOT BE PERMITTED TO DRY OUT BEFORE PLACEMENT OR TO HEAT UP DUE TO STACKING OR TRANSPORT. BROKEN OR MANGLED SOD SHALL NOT BE LAID. SOD SHALL BE LAID WITHIN 24 HOURS OF CUTTING.

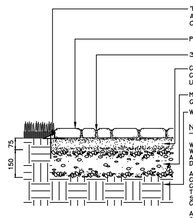
TOPSOIL NOTE :

ALL SOD AND SEED TO BE INSTALLED OVER +150mm. (+6") OF CLEAN TOPSOIL AS SPECIFIED BY THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO.

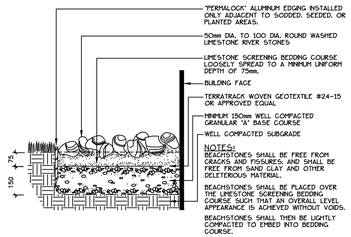
PLANTING NOTE :

ALL SHRUBS ARE TO BE PLANTED IN CONTINUOUS BEDS. ALL PLANTING BEDS ARE TO BE COVERED WITH A MINIMUM OF 50mm OF SHREDDED PINE BARK MULCH.

ALL DECIDUOUS TREE TO HAVE 600mm HIGH VINYL SPIRAL TREE GUARD INSTALLED FOR RODENT PROTECTION.



UNIT PAVING



ROUND WASHED BEACHSTONES

PLANT LIST (MATERIAL PLANTED WITHIN DEVELOPMENT AREA)

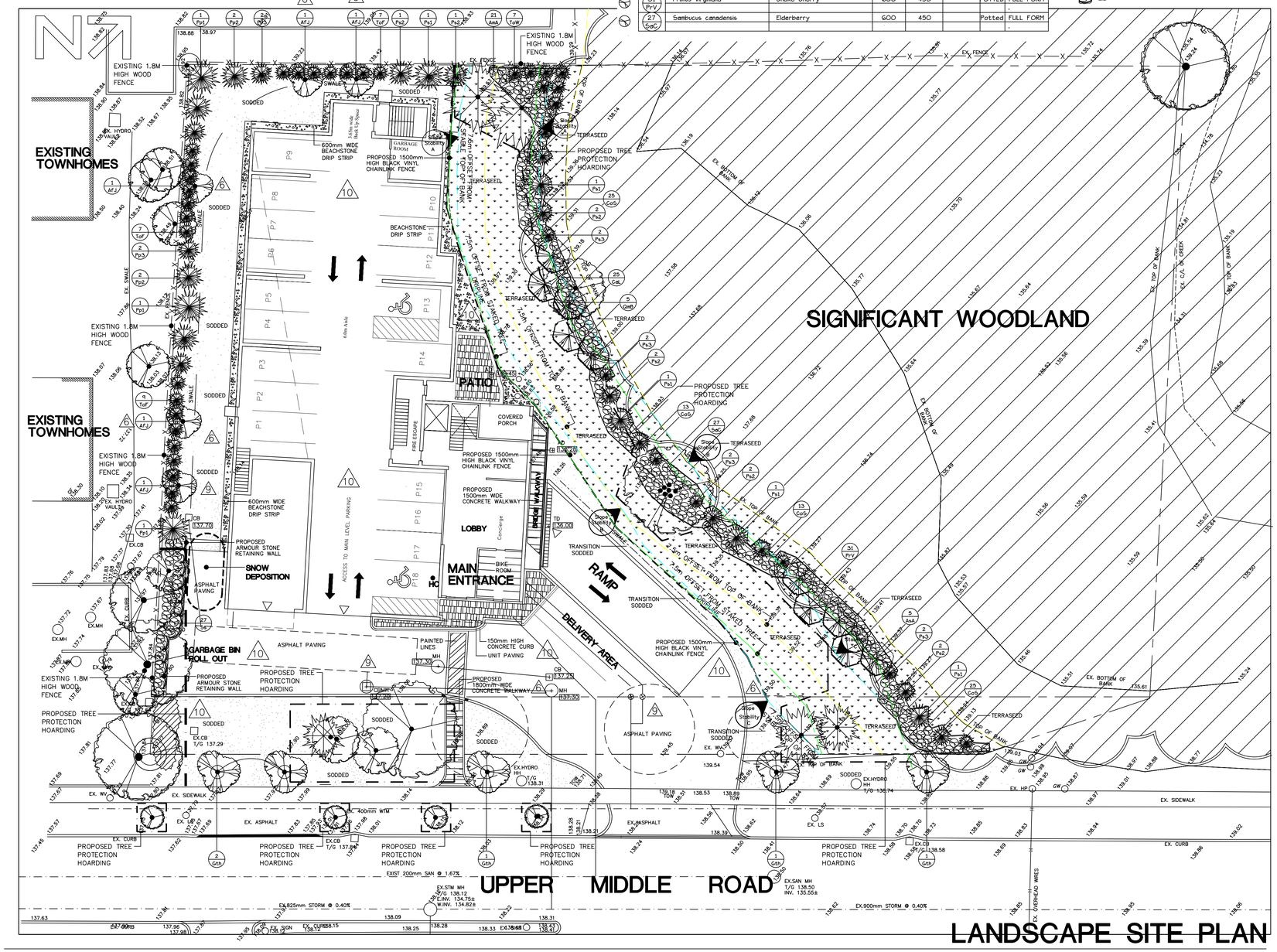
KEY	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CALIPER	ROOT	REMARKS
5 AmJ	Acer freemanii ' Jeffersred '	Autumn Blaze Maple	4500		65	W.B.	FULL FORM
5 Gth	Gleditsia triacanthos inermis 'Shademaster'	Shademaster Honey-locust	4500		65	W.B.	FULL FORM
O Qr	Quercus robur	English Oak	4600		100	W.B.	FULL FORM
							FULL FORM
3 Pp1	Picea pungens	Colorado Spruce	3000			W.B.	FULL FORM
G Pp2	Picea pungens	Colorado Spruce	2440			W.B.	FULL FORM
G Pp3	Picea pungens	Colorado Spruce	1825			W.B.	FULL FORM
23 ToF	Thuja occidentalis ' Fastigiata '	Pyramid Cedar	3650			B.B.	FULL FORM
							FULL FORM
27 Sa	Sorbaria	False Spirea	600	450		Potted	FULL FORM

PLANT LIST (NATIVE MATERIAL PLANTED WITHIN BUFFER AREA OF CONSERVATION LANDS)

KEY	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CALIPER	ROOT	REMARKS
5 AmA	Acer saccharinum	Silver Maple	3650		50	W.B.	FULL FORM
O CaO	Carya ovata	Shagbark Hickory	3650		50	W.B.	FULL FORM
5 QmB	Quercus macrocarpa	Bur Oak	3650		50	W.B.	FULL FORM
O TiA	Tilia Americana	American Basswood	3650		50	W.B.	FULL FORM
							FULL FORM
5 Ps1	Pinus strobus	White Pine	1825			W.B.	FULL FORM
10 Ps2	Pinus strobus	White Pine	1500			W.B.	FULL FORM
8 Ps3	Pinus strobus	White Pine	1220			W.B.	FULL FORM
7 ToW	Thuja occidentalis	Eastern White Cedar	1500			Potted	FULL FORM
							FULL FORM
21 AmA	Amelanchier arborea	Downy Serviceberry	600	450		Potted	FULL FORM
25 CoS	Cornus alternifolia	Alternate-Leaf Dogwood	600	450		Potted	FULL FORM
76 CoS	Cornus stolonifera	Red Osier Dogwood	600	450		Potted	FULL FORM
31 PrV	Prunus virginiana	Choke Cherry	600	450		POTTED	FULL FORM
27 SaC	Sambucus canadensis	Elderberry	600	450		Potted	FULL FORM

LEGEND

- EXISTING HIGH BRANCHING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- EXISTINGTREE MASS
- PROPOSED HIGH BRANCHING DECIDUOUS TREE
- PROPOSED HIGH BRANCHING DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPOSED CEDAR TREE
- PROPOSED DECIDUOUS SHRUB
- PROPOSED CONIFEROUS SHRUB
- PROPOSED ORNAMENTAL GRASS
- PROPOSED TREE PROTECTION HOARDING
- LOCATION OF REMOVED MUNICIPAL TREE
- PROPOSED SPECIMEN ARMOUR STONE



client
100 HAMILTON LTD.

designer
Think Giraffe
ENVIRONMENTAL DESIGN

engineer
S. LLEWELLYN + ASSOCIATES LIMITED CONSULTING ENGINEERS

surveyor
GUIDO V. CONSOLI

ecologist / horticulturalist
DEAN FITZGERALD

no	revision	date	by
10	GENERAL REVISIONS AS PER CHANGES TO ARCH. + ENG. SITE PLANS + FINAL MUNICIPAL COMMENTS	04/29/20	RDR
9	GENERAL REVISIONS AS PER MUNICIPAL COMMENTS	01/09/20	RDR
8	ISSUED FOR MUNICIPAL REVIEW	08/31/19	RDR
7	GENERAL REVISIONS AS PER CONSULTANT COORDINATION	08/31/19	RDR
6	GENERAL REVISIONS AS PER MUNICIPAL COMMENTS	05/16/19	RDR
5	ISSUED FOR MUNICIPAL REVIEW	12/13/18	RDR
4	GENERAL REVISIONS AS PER MUNICIPAL COMMENTS	10/22/18	RDR
3	GENERAL REVISIONS AS PER CLIENT COMMENTS + CONCERNS	09/10/18	RDR
2	ISSUED FOR CLIENT REVIEW	09/10/18	RDR
1	ISSUED FOR CLIENT REVIEW (PRELIMINARY INVENTORY PLAN)	08/31/18	RDR

reviewed by
R. REYNOLDS

drawn by
R.D.R.

date
AUGUST 2018

scale **1 : 200 metric**

4 0 4 8 12

drawing title
LANDSCAPE MASTER PLAN

drawing number
L.2

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

project number
01705

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