



ISSUED FOR SITE PLAN APP. (REVISED)	JAL	24.11.29
Revision	By	Appd.
File Name:	Dwn.	Chkd.
	Dagn.	YY.MM.DD

REFER TO ARCHITECTURAL SITE PLAN FOR DISCIPLINE SPECIFIC PROFESSIONALS OF RECORD INFORMATION INCLUDING ARCHITECTURE, ENGINEERING, SURVEYOR AND RELATED LEGAL DESCRIPTIONS.

NOT FOR CONSTRUCTION
2024-11-29

Client/Project
BRIGIL
100 STEACIE DRIVE
OTTAWA, ON



Title
LANDSCAPE PLAN

Project No.	Scale	0 5 15 25m
SF 24001	1:500	
Drawing No.	Sheet	Revision
LP-1	1 of 3	L

PLANT LIST - NATURALIZED REFORESTATION

DECIDUOUS TREES

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
+AR	50	Acer rubrum	Red Maple	1.5m H	WHP	CITY STD. L18
+BP	55	Betula papyrifera	Paper Birch	1.5m H	WHP	CITY STD. L18
+CA	60	Carya ovata	Shagbark Hickory	1.5m H	WHP	CITY STD. L18
+CO	80	Callus occidentalis	Common Hackberry	1.5m H	WHP	CITY STD. L18
+CM	65	Catalpa mollis	Red Hawthorn	1.5m H	WHP	CITY STD. L18
+OM	60	Quercus macrocarpa	Bur Oak	1.5m H	WHP	CITY STD. L18
+OR	75	Quercus rubra	Red Oak	1.5m H	WHP	CITY STD. L18
+SD	80	Sorbus decora	Showy Mountain Ash	1.5m H	WHP	CITY STD. L18
+TA	90	Tilia americana	American Basswood	1.5m H	WHP	CITY STD. L18

CONIFEROUS TREES

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
+LL	20	Larix laricina	Common Larch	1.5m H	WHP	CITY STD. L18
+PG	15	Picea glauca	White Spruce	1.5m H	WHP	CITY STD. L18
+PS	30	Pinus strobus	White Pine	1.5m H	WHP	CITY STD. L18

DECIDUOUS SHRUBS

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
+ANA	40	Amenlicher alnifolia	Saskatoon Serviceberry	1.5m H	WHP	CITY STD. L18
+AM	60	Aronia melanocarpa	Native Chokeberry	1.5m H	WHP	CITY STD. L18
+SD	70	Salix discolor	Pussy Willow	1.5m H	WHP	CITY STD. L18
+VT	80	Viburnum trilobum	Highbush Cranberry	1.5m H	WHP	CITY STD. L18

CONIFEROUS SHRUBS

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
+JH	35	Juniperus horizontalis	Savin Juniper	1.5m H	WHP	CITY STD. L18
+Tc	30	Taxus canadensis	Canadian Yew	1.5m H	WHP	CITY STD. L18

PLANT LIST - NATURALIZED REFORESTATION

DECIDUOUS SHADE TREES

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	HEIGHT	CONDITION
AR	6	Acer rubrum	Red Maple	70mm cal.	-	B.B. or W.B.
BP	7	Betula papyrifera	Paper Birch	70mm cal.	-	B.B. or W.B.
CA	2	Carya ovata	Shagbark Hickory	70mm cal.	-	B.B. or W.B.
CO	2	Callus occidentalis	Common Hackberry	70mm cal.	-	B.B. or W.B.
CM	2	Catalpa mollis	Red Hawthorn	40mm cal.	-	B.B. or W.B.
GT	3	Gleditsia triacanthos	Honey Locust	100mm cal.	-	B.B. or W.B.
OM	4	Quercus macrocarpa	Bur Oak	70mm cal.	-	B.B. or W.B.
OR	2	Quercus rubra	Red Oak	70mm cal.	-	B.B. or W.B.
SD	3	Sorbus decora	Showy Mountain Ash	40mm cal.	-	B.B. or W.B.
TA	2	Tilia americana	American Basswood	100mm cal.	-	B.B. or W.B.

CONIFEROUS TREES

KEY	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT	CENTRE-TO-CENTRE	CONDITION
LL	7	Larix laricina	Common Larch	2m height	-	B.B. or W.B.
PG	5	Picea glauca	White Spruce	2m height	-	B.B. or W.B.
PS	7	Pinus strobus	White Pine	2m height	-	B.B. or W.B.

DECIDUOUS SHRUBS

KEY	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT	CENTRE-TO-CENTRE	CONDITION
ANA	150	Amenlicher alnifolia	Saskatoon Serviceberry	125 cm	1.5m	POTTED
AM	220	Aronia melanocarpa	Native Chokeberry	60 cm	1.0m	POTTED
SD	95	Salix discolor	Pussy Willow	50 cm	-	POTTED
VT	120	Viburnum trilobum	Highbush Cranberry	40 cm	-	POTTED

CONIFEROUS SHRUBS

KEY	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT	CENTRE-TO-CENTRE	CONDITION
JH	300	Juniperus horizontalis	Savin Juniper	30 cm	-	POTTED
Tc	320	Taxus canadensis	Canadian Yew	60 cm	1.0m	POTTED

PLANT LIST - NATURALIZED REFORESTATION

DECIDUOUS TREES

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
+AR	50	Acer rubrum	Red Maple	1.5m H	WHP	CITY STD. L18
+BP	55	Betula papyrifera	Paper Birch	1.5m H	WHP	CITY STD. L18
+CA	60	Carya ovata	Shagbark Hickory	1.5m H	WHP	CITY STD. L18
+CO	80	Callus occidentalis	Common Hackberry	1.5m H	WHP	CITY STD. L18
+CM	65	Catalpa mollis	Red Hawthorn	1.5m H	WHP	CITY STD. L18
+OM	60	Quercus macrocarpa	Bur Oak	1.5m H	WHP	CITY STD. L18
+OR	75	Quercus rubra	Red Oak	1.5m H	WHP	CITY STD. L18
+SD	80	Sorbus decora	Showy Mountain Ash	1.5m H	WHP	CITY STD. L18
+TA	90	Tilia americana	American Basswood	1.5m H	WHP	CITY STD. L18

CONIFEROUS TREES

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
+LL	20	Larix laricina	Common Larch	1.5m H	WHP	CITY STD. L18
+PG	15	Picea glauca	White Spruce	1.5m H	WHP	CITY STD. L18
+PS	30	Pinus strobus	White Pine	1.5m H	WHP	CITY STD. L18

DECIDUOUS SHRUBS

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
+ANA	40	Amenlicher alnifolia	Saskatoon Serviceberry	1.5m H	WHP	CITY STD. L18
+AM	60	Aronia melanocarpa	Native Chokeberry	1.5m H	WHP	CITY STD. L18
+SD	70	Salix discolor	Pussy Willow	1.5m H	WHP	CITY STD. L18
+VT	80	Viburnum trilobum	Highbush Cranberry	1.5m H	WHP	CITY STD. L18

CONIFEROUS SHRUBS

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
+JH	35	Juniperus horizontalis	Savin Juniper	1.5m H	WHP	CITY STD. L18
+Tc	30	Taxus canadensis	Canadian Yew	1.5m H	WHP	CITY STD. L18

CONTRIBUTION TO CITY FOREST:

- THE TOTAL SITE AREA IS APPROXIMATELY 22,444 SQUARE METERS (2.4 HA).
- TOTAL AREA OF EXISTING TREE COVER ACROSS SITE ESTIMATED AT 17,190 SQUARE METERS.
- ROUGHLY 20,466 SQUARE METERS OF THE AREA IS PROPOSED TO BE DISTURBED FOR CONSTRUCTION.
- REFORESTATION AREA PROPOSED REPRESENTS 1,355 SQUARE METERS.
- UNDERSTORY PLANTINGS (SHRUBS) PROPOSED REPRESENT 2,067 SQUARE METERS.
- INDIVIDUAL SHADE TREE PLANTINGS PROPOSED (33) AND CONIFEROUS TREES (19).

TABLED PERCENTAGES

100%	SITE AREA (22,444 SQUARE METERS)
76.6%	EXISTING SITE CANOPY COVER AREA (17,191SM)
66.4%	SITE AREA DISTURBED FOR CONSTRUCTION (16,890 SM) INCLUDING HYDRO CORRIDOR
15.3%	AREA OF PROPOSED REFORESTATION AND UNDERSTORY PLANTINGS RELATIVE TOTAL SITE (3,422 SM)
11.5%	PROPOSED SHADE TREES AREA AT ASSUMED 10m CANOPY DIAMETER (33 x 78.5 SM = 2,591 SM)
4.3%	PROPOSED CONIFEROUS TREES AREA AT ASSUMED 8m CANOPY DIAMETER (19 x 50.25 SM = 955 SM)
8.8%	EXISTING TREE CANOPY AREA TO REMAIN (1,978 SM)
15.3%	PROJECTED ADDITIONAL GROWTH OF REFORESTATION AREA (DOUBLE INITIAL = ADDITIONAL 3,422 SM)
55.1%	AREA OF PROJECTED FUTURE SITE TREE CANOPY COVER AT MATURITY (12,368 SM)

