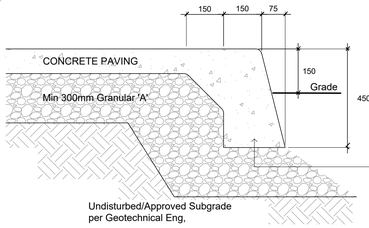
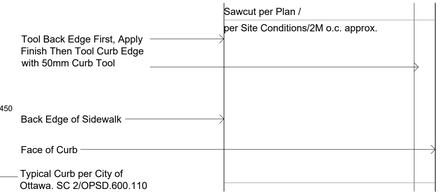


CONCRETE PAVING/MONOLITHIC CURB

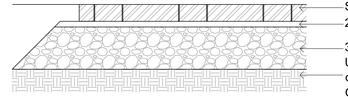
Refer to Grading Plan for Grading



PLAN

NO Dummy Joints/Visible Tooled Edges Except for Curb Edge

NTS



c/w TECHNISEAL NEXTGEL POLYMERIC JOINTING SAND. Install as PER MANUFACTURERS DETAILS AND SPECIFICATIONS, GRADING PLAN

PRECAST CONCRETE SLABS / PAVERS NTS

Permacon Melville 60mm / Approved Equal. Colour To Be Verified Prior to Orderig By Sample To Site, RANGE SCANDINA GREY

CONCRETE - FINISH LIGHT BROOM, WOOD FLOAT MAGNESIUM FLOAT:
ALL CONCRETE FINISHES TO BE APPROVED BY GJA LANDSCAPE ARCHITECT.

SAWCUT LAYOUT FOR ALL AREAS TO BE MARKED ON SITE IN RED CHALK, REVIEWED, ADJUSTED AND APPROVED BY GJA LANDSCAPE ARCHITECT-PRIOR TO ANY CUTTING.

EXPANSION JOINT LAYOUT FOR ALL AREAS TO BE LAID OUT ON SITE , REVIEWED, ADJUSTED AND APPROVED BY GJA LANDSCAPE ARCHITECT-PRIOR TO ANY CONCRETE POURING.

PROVIDE COLD JOINT DETAIL at End of Previous Pour/Beginning of New Pour, C/W REBAR DOWELS 500mm O.C.

FINISH: TOOL EDGE FIRST, THEN WIPE OFF TOOL MARKS WHILE APPLYING FINISH.

CONCRETE PAVING NTS

32mpa, 6% Air Entrainment 6x6 Wire Mesh, Fibre Exp. Joints at all Hard Edges, Sawcut Control Joints (1" depth) +-2.0m O.C. as

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NOT To Be Used For Construction **Unless** indicated by Revision: "**FOR LANDSCAPE CONSTRUCTION**".

Contractor is Responsible for Verification of Site Locations/Grades/Dimensions/Utilities Before Proceeding With Any Work. Report Any Discrepancies To Consultant Immediately.

SOD | SOD TO BE CANADA NURSERY NSGA - Fine Fescue/Kentucky Bluegrass Sod | PLANTING MIX TO BE APPROVED BY LANDSCAPE ARCHITECT | PLANT MATERIAL TO MEET CNLA STANDARDS/BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING | ALL MATERIALS & WORK TO BE MAINTAINED UNTIL FINAL ACCEPTANCE, (MOWING TURF, WEEDING BEDS, WATERING TURF & PLANTS) & INCLUDE 1 YEAR WARRANTY FROM DATE OF FINAL ACCEPTANCE | PROVIDE WATERING OF ALL PLANT MATERIAL AS REQUIRED FOR PROPER ESTABLISHMENT, UNTIL END OF WARRANTY PERIOD | REFER TO CIVIL ENGINEER's DRAWING FOR ELEVATIONS / GRADING |

The Landscape Plan is to be read in conjunction with the grading, servicing, site and survey plan | Bare root material to be planted in season only | All plant material locations to be staked on site by the landscape contractor and checked by the landscape architect prior to planting | All trees to be preserved on or directly adjacent to the site will be protected | Plant material are to be installed a minimum of: 3.0m away from any part of any hydro transformer, 3.0m corridor between a fire hydrant and the curb, a 2.5m radius beside or behind a fire hydrant, 2.0m from any servicing/utility line or structure |

TREE SCHEDULE - OFF PODIUM / ON GRADE. LEPINE CORP 910 MARCH ROAD

CODE	QUANTITY		BOTANICAL NAME	COMMON NAME	B&B SPECIMEN	SPREAD	NATIVE
	SITE	OFF SITE	40 YEAR OUTLOOK SPREAD FORECASTED via "Manual of Woody Landscape Plants" by MICHAEL A. DIRR.				
AR	5	0	Acer rubrum	Red Maple	50mm cal	12M	YES
AS	1	0	Acer saccharum	Sugar Maple	50mm cal	15M	YES
CO	1	0	Celtis occidentalis	Common Hackberry	50mm cal	18M	YES
QM	3	0	Quercus macrocarpa	Bur Oak	50mm cal	20M	YES
QR	3	0	Quercus rubra	Red Oak	50mm cal	15M	YES
TOTALS	**13**	**0**					
CT	1	0	Abies balsamea	Balsam Fir	1.5m Ht.	N/A	YES
CT	1	0	Larix laricina	Eastern Larch / Tamarack	1.5m Ht.	N/A	YES
PG	1	0	Picea glauca	White Spruce	1.5m Ht.	N/A	YES
PR	1	0	Pinus resinosa	Red Pine	1.5m Ht.	N/A	YES
CT	1	0	Pinus strobus	White Pine	1.5m Ht.	N/A	YES
TOTALS	**5**	**0**					

PODIUM TREES - 910 MARCH ROAD - LEPINE CORP

CODE	QUANTITY		BOTANICAL NAME	COMMON NAME	B&B SPECIMEN	NATIVE	SPREAD
	PRIVATE	PUBLIC					
ag	4	0	Aesculus glabra	Ohio Buckeye	50mm cal	YES	10M
ac	2	0	Amelanchier canadensis	Tree Serviceberry	50mm cal	YES	4M
bp	4	0	Betula populifolia	Gray Birch	50mm cal	YES	5M
cc	2	0	Carpinus caroliniana	Hornbeam Bluebeech	50mm cal	YES	8M
cov	2	0	Carya ovata	Shagbark Hickory	50mm cal	YES	12M
ov	1	0	Ostrya virginiana	Hophornbeam Ironwood	50mm cal	YES	8M
pp	2	0	Prunus pensylvanica	Pin Cherry	50mm cal	YES	6M
TOTALS	**17**	**0**					
ct	5	0	Juniperus virginiana	Eastern Red Cedar	1.5m Ht.	YES	N/A
ct	3	0	Pinus cembra	Swiss Stone Pine	1.5m Ht.	NO	N/A
ct	1	0	Pinus flexilus	Limber Pine	1.5m Ht.	NO	N/A
ct	1	0	Thuja occidentalis arborvitae	White Cedar, nursery grown	1.5m Ht.	YES	N/A
TOTALS	**10**	0					

PERIMETER PLANTING - 910 MARCH ROAD LEPINE CORP GJA INC.

QUANTITY TRIBUTARY 2/3	QUANTITY TRIBUTARY 4	TOTAL	Botanical Name	Common Name	Size	Condition
1	0	1	Acer pensylvanicum	Striped Maple	40mm cal	Spring Ball
2	1	3	Acer rubrum	Red Maple	40mm cal	Spring Ball
2	1	3	Acer saccharum	Sugar Maple	40mm cal	Spring Ball
1	1	2	Betula papyrifera	Paper Birch	40mm cal	Spring Ball
1	0	1	Carpinus caroliniana	Hornbeam Bluebeech	40mm cal	Spring Ball
1	0	1	Carya ovata	Shagbark Hickory	40mm cal	Spring Ball
1	0	1	Celtis occidentalis	Common Hackberry	40mm cal	Spring Ball
1	0	1	Ostrya virginiana	Hophornbeam Ironwood	40mm cal	Spring Ball
1	0	1	Prunus pensylvanica	Pin Cherry	40mm cal	Spring Ball
1	0	1	Prunus serotina	Black Cherry	40mm cal	Spring Ball
1	0	1	Quercus bicolor	Swamp White Oak	40mm cal	Spring Ball
1	1	2	Quercus macrocarpa	Bur Oak	40mm cal	Spring Ball
1	1	2	Quercus rubra	Red Oak	40mm cal	Spring Ball
15	**5**	**20**				
3	5	8	Abies balsamea	Balsam Fir	1.0m Ht.	POT
0	4	4	Juniperus virginiana	Eastern Red Cedar	1.0m Ht.	POT
3	5	8	Larix laricina	Eastern Larch / Tamarack	1.0m Ht.	POT
3	3	6	Picea glauca	White Spruce	1.0m Ht.	POT
3	5	8	Pinus strobus	White Pine	1.0m Ht.	POT
3	5	8	Tsuga canadensis	Canadian Hemlock	1.0m Ht.	POT
15	**27**	**42**				

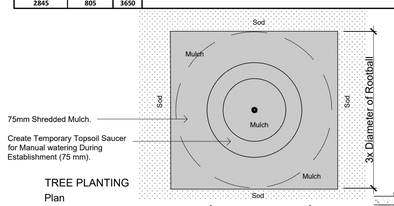
1775 sq. m	525 sq.m.		Botanical Name	Common Name	Size	Condition
100	25	125	Arctostaphylos uva ursi	Bearberry	9cm Pot	
225	75	300	Amelanchier canadensis	Serviceberry	30cm Ht.	Pot
75	25	100	Aronia melanocarpa	Chokeberry	30cm Ht.	Pot
35	15	50	Cornus alternifolia	Pagoda Dogwood	30cm Ht.	Pot
175	50	225	Cornus racemosa	Grey Dogwood	30cm Ht.	Pot
250	75	325	Cornus sericea	Red Osier Dogwood	30cm Ht.	Pot
200	75	275	Hypericum kalmianum	Kalm St. John's Wort	30cm Ht.	Pot
150	75	225	Hypericum prolificum	Shrubby St. John's Wort	30cm Ht.	Pot
35	15	50	Panicum virgatum	Switch Grass	9cm Pot	
75	25	100	Physocarpus opulifolius	Common Ninebark	30cm Ht.	Pot
350	75	425	Rhus typhina	Staghorn Sumac	30cm Ht.	Pot
75	25	100	Ribes aureum	Flowering Currant	30cm Ht.	Pot
100	25	125	Rosa palustris	Swamp Rose	30cm Ht.	Pot
125	50	175	Rubus odoratus	Flowering Raspberry	30cm Ht.	Pot
275	75	350	Spiraea alba	Meadowsweet	30cm Ht.	Pot
250	75	325	Symphoricarpos albus	Snowberry	30cm Ht.	Pot
125	25	150	Viburnum lentago	Nannyberry	30cm Ht.	Pot
2845	**805**	**3650**				

FOUNDATION PLANTING 910 MARCH ROAD LEPINE CORP

Outer Perimeter	Interior Podium	Botanical Name	Common Name	Size	Condition	NATIVE
525 sq. m.	300 sq. m.					
TBD	TBD	Arctostaphylos Uva Ursi	Bearberry	30cm spr	Pot	Pot
TBD	TBD	Cornus sericiea 'Flaviramea'	Yellowtwig Dogwood	50cm	Pot	Pot
TBD	TBD	Hydrangea arborescens 'Invincible Spirit'	Invincible Spirit Hydrangea	50cm	Pot	Pot
TBD	TBD	Hypericum kalmianum	Kalm St. John's Wort	30cm	Pot	YES
TBD	TBD	Hypericum prolificum	Shrubby St. John's Wort	40cm	Pot	YES
TBD	TBD	Potentilla fruticosa 'Abbotswood'	Abbotswood Potentilla	30cm	Pot	YES
TBD	TBD	Physocarpus opulifolius 'Nanus'	Dwarf Ninebark	40cm	Pot	YES
TBD	TBD	Ribes aureum	Flowering Currant	50cm	Pot	YES
TBD	TBD	Rosa palustris	Swamp Rose	50cm	Pot	YES
TBD	TBD	Symphoricarpos albus	Snowberry	50cm	Pot	YES
TBD	TBD	Spiraea alba	Meadowsweet	60cm	Pot	YES
TBD	TBD	Spiraea bumalda 'Dart's Red'	Dart's Red Spirea	30cm	Pot	
TBD	TBD	Juniperus chinensis 'Ontario Green'	Ontario Green Juniper	30cm spr	Pot	
TBD	TBD	Pinus mugo var. pumilio	Mugho Pine	30cm spr	Pot	
TBD	TBD	Taxus cuspidata 'Monloo'	Emerald Spreader Yew	30cm spr	Pot	
750	**450**	**TOTALS**				
Code	**Qty.**	**Botanical Name**	**Common Name**	**Condition**		
TBD	TBD	Echinacea	Purple Coneflower	9cm Pot		
TBD	TBD	Geranium macrorrhizum	Bigroot Geranium	9cm Pot		
TBD	TBD	Geranium psilostemon 'Gerwat'	Rozanne Geranium	9cm Pot		
TBD	TBD	Panicum virgatum	Switch Grass	9cm Pot		YES
TBD	TBD	Sedum	Sedum	9cm Pot		
150	**100**	**TOTALS**				

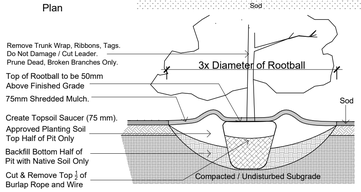
SHRUBS 910 MARCH ROAD LEPINE CORP

Code	Qty.	Botanical Name	Common Name	Size	Condition	NATIVE
HK	60	Hypericum kalmianum	Kalm St. John's Wort	30cm	Pot	YES
HP	100	Hypericum prolificum	Shrubby St. John's Wort	40cm	Pot	YES
SA	235	Spiraea alba	Meadowsweet	60cm	Pot	YES
PM	5	Pinus mugo var. pumilio	Mugho Pine	30cm spr	Pot	
PV	55	Panicum virgatum	Switch Grass	9cm Pot		YES



TREE PLANTING

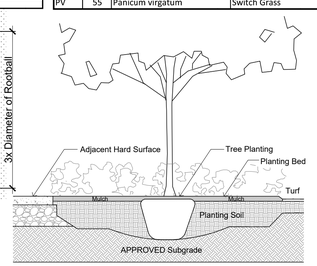
Plan



TREE PLANTING

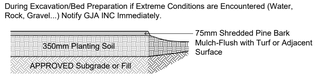
Section

NTS

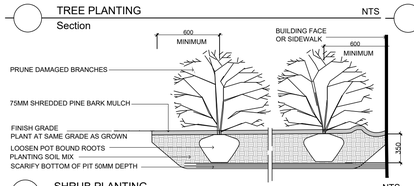


TREE PLANTING IN PLANTING BED NTS

During Excavation/Bed Preparation if Extreme Conditions are Encountered (Water, Rock, Gravel...) Notify GJA INC Immediately.

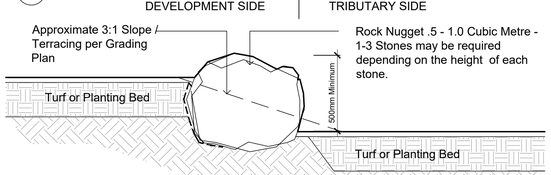


TYPICAL PLANTING BED NTS



SHRUB PLANTING NTS

DEVELOPMENT SIDE | TRIBUTARY SIDE



EXCLUSION WALL NTS

Locally Acquired Blast Rock/Armour Stone Nuggets - . Minimum .5 cubic Metre, Maximum 1 cubic Metre Each. Set On Subgrade Bury in Soil minimum 100mm

REFER TO TCR

Existing Tree to Remain

Existing Tree to Remove

Tree Protection

LANDSCAPE PLAN LEGEND

Coniferous Tree symbol 3.0m diameter

Deciduous Tree symbol 6.0m diameter

40 Year Outlook according to Dirr

Planting Bed

Shrub Planting Bed

Native Soil / SEED MIX 1

SEED MIX 2

Pedestrian Paving

Ertec Exclusion Fence per EIS

Exclusion Wall

Concrete

Retaining Wall

Bike Rack Anchor to Concrete

Fire Hydrant

FD Siamese Connection

Light Standard

BELOW GRADE SERVICES REFER TO CIVIL/CUP

WTR — U/G Water Service

STM — U/G Storm Service

SAN — U/G Sanitary Service

U/G Gas Service

BC — U/G TelCo Service

H — U/G Hydro Service

O/H Hydro Service

#	Revision	Date
1.7	per SP 1.7	2024 04 12
1.5	per SP 1.5	2023 12 22
1.4	per SP 1.4	2023 07 28
1.0	FIRST SUBMISSION SPC 1.0	2023 03 29
0	REVIEW/COORDINATION	2023 03 21

LÉPINE

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710 DESBIARATS ROAD UNIT # 5 | OTTAWA ONTARIO | K2H 6G2

910 MARCH ROAD MIXED USE DEVELOPMENT

Landscape Plan

Scale: 1:400

L1

D02-02-20-0050 & D07-12-20-0089

City of Ottawa Plan No. #18358