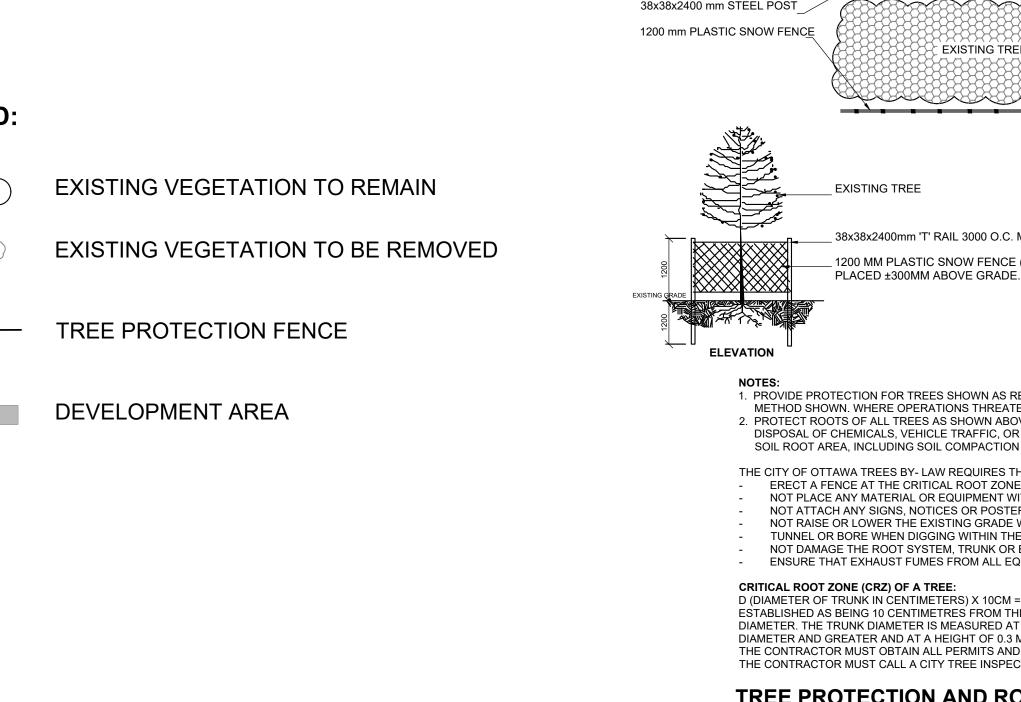
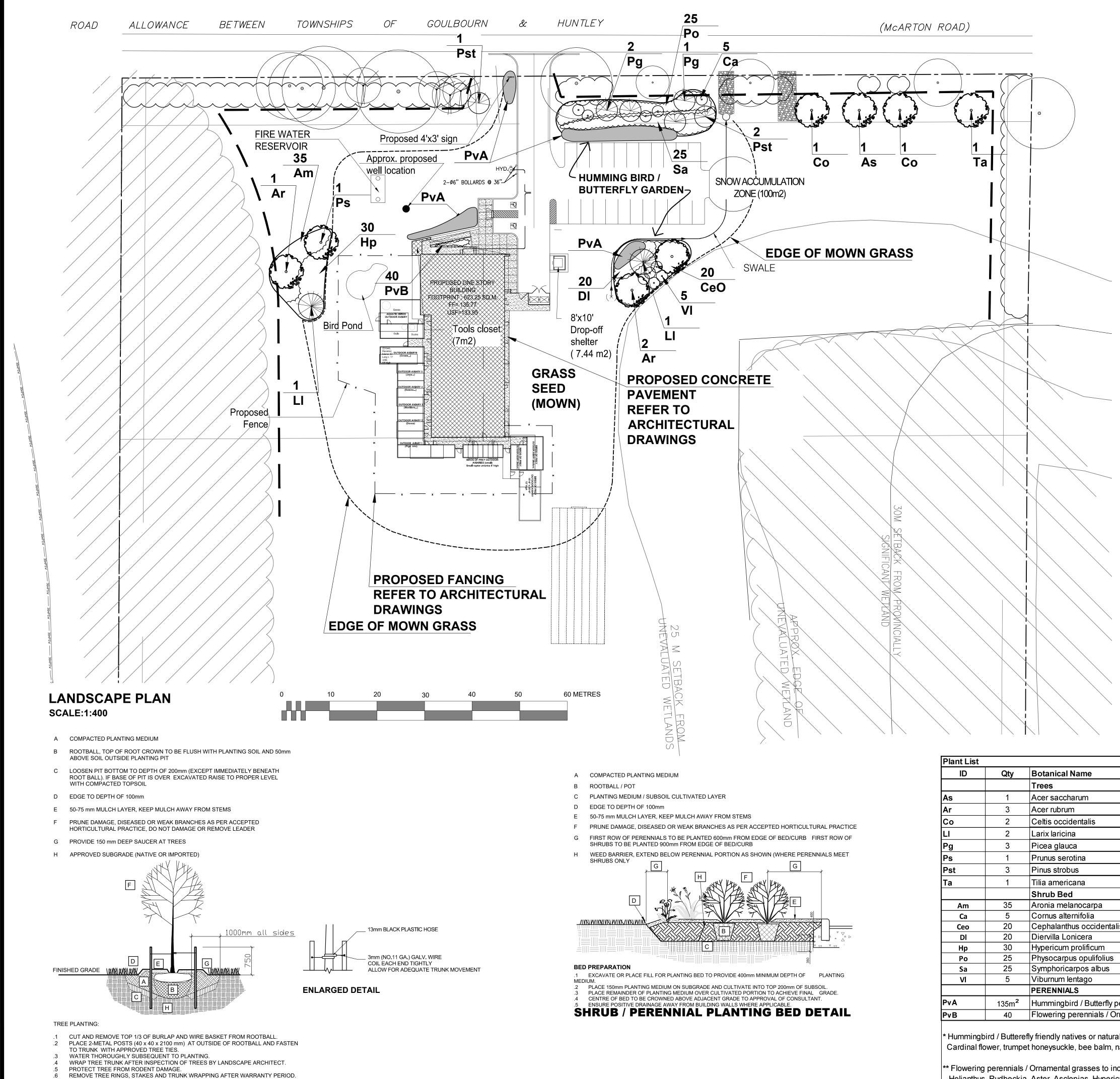


WILD E	BIRD CENT	ſRE						THIS PLAN IS ISSUED FOR SITE PLAN CONTROL ONLY.	
PLANT	SIZE		BOTANICAL NAME		COMMENTS	ACTION	RATIONALE	ADDITIONAL DETAILING AND SPECIFICATIONS ARE REQUIRED PRIOR TO TENDERING AND CONSTRUCTION.	
ID #	DBH / ht. (cm) Road r.o.w.			TREE					
1	25-40	Bur Oak	Quercus macrocarpus	No	grouping of Bur Oak in good condition	Retain			
2	25-40	Eastern White Cedar	Thiuja occidentalis	No	Grouping of cedars in fair condition - tops cut off Grouping of cedars in fair	Retain	Within access road and		
3	25-40	Eastern White Cedar	Thiuja occidentalis	No	condition - tops cut off Good conditon with good canopy	Remove	Mitigate any grade changes for		
4	4x40-50	American Linden Bur Oak	Tilia americana Quercus macrocarpus	Yes	cover, minor rot at based	Retain / mitigate	access roadway		
					grouping of Bur Oak in good		Proposed swale location to be		
6	25-30	Bur Oak American Elm	Quercus macrocarpus Ulmus americana	No	condition, undertory of buckthorn and hawthorn, poisin ivyGood conditon with good canopy		adjusted on field with location of Bur Oak		
8		Sugar Maple	Acer saccharum	No	cover Good Condition with understory o cedar, pine, poison ivy				
	VEGETATIO	N							
TREE COND HEDGERO HEDG POISO TREE COND PARTIAL PARTI TREE COND LOW WE THIS / POPL/ TREE COND LOW WE THIS / TREE COND WOODED THIS / UDER TREE COND	S SIZE: RANG DITION: MAJO DW - NORTHN EROW ALON DN IVY, SOME S SIZE: MATU DITION: MAJO HEDGEROW IAL HEDGEROW IAL HEDGER	GE FROM SAPLINGS T RITY ARE IN GOOD CO WEST PROPERTY LIN G NORTHERN PORTION BUCKTHORN. JRE SCOTS PINE AND RITY ARE IN GOOD CO - MID FIELD OW ALONG LOW FARM GE FROM SAPLINGS T RITY ARE IN FAIR TO ACENT OT THE SIGNIF PRUCE ALONG EDGES GE FROM SAPLINGS T RITY ARE IN FAIR TO STS OF MAINLY OF PO GE FROM SAPLINGS T RITY ARE IN FAIR TO ACENT OT THE SIGNIF SPARSE FERNS, SAS GE FROM SAPLINGS T RITY ARE IN FAIR TO	ONDITION WITH GOOD E ON OF PROPERTY LINE SEMI MATURE SUGAR ONDITION WITH GOOD MER'S STONE WALL. TH O 20CM DBH. GOOD CONDITION WIT FICANT WETLANDS (OF S). THIS AREA REMAINS O 20CM DBH. GOOD CONDITION. ELM OPLAR, WITH SOME ELI O 15CM DBH. GOOD CONDITION. ELM FICANT WETLANDS (OF SPARILLA, POISON IVY. O 40CM DBH. GOOD CONDITION. ELM	EM LINDEN). CANOPY. SC ANOPY. SC MAPLE RAN CANOPY. REES CONSIS H GOOD CAN F PROPERTY WET. M AND ASH A M, AND ASH A M, AND ASH A F PROPERTY EDGE GROV M AND ASH A	25-40CM DBH BUR OAK AND DME OF THE CEDARS HAVE D NG PROPERTY LINE. TREES O GE FROM 25-40CM DBH. STS OF CEDAR, HAWTHORN, NOPY. Y) AND CONSISTS OF WETLAN RE DEAD OR IN POOR COND WITH AN UNDERGROWTH OF RE DEAD OR IN POOR COND WITH AN UNDERGROWTH OF RE DEAD OR IN POOR COND Y) AND CONSISTS OF A RANG VTH CONSISTS OF A RANG	AMAGED TOPS. CONSISTS OF SU ELM. NDS GRASSES (S ITION. TAMARAC SEDGE GRASSE ITION. SE OF DECIDUOU JS SHRUBS AND	JGAR MAPLE, SCOTS PINE, WIT SEDGES, RUSHES), SHRUBS (A CK AND SPRUCE IN GOOD CONI ES. JS (BIRCH, POPLAR, ELM, ASH) SAPLINGS (DIERVALLA, HAWTI	H AN UNDERSTORY OF YOUNG CEDAR AND PINE, DIERVELLA, LDER, WILLOW) AND SMALL TREES (TAMARACK, ELM, ASH, DITION. AND CONIFEROUS TREES (CEDAR, SPRUCE) WITH AN HORN, BUCKTHORN, POPLAR, SPRUCE, SERVICEBERRY)	4 SPC Resubmission Dec. 16/20
SOUTHEF MEAD HAWT NOTE:	RN MEADOW OW GRASSE HORN. ONE	S CONSISTS OF SAMI SINGLE ELM (20CM DE	E SPECIES AS NORTHE BH) AT CENTRAL STON WITH PASTURE MIX AN	E PILE IN GC	OOD CONDITION.	THE PREVALEN	IT SPECIES. A FEW NATURALIZ	ING SPECIES SUCH AS SPREADING JUNIPER, POPLAR,	3for usNov. 12/202Requested SPC revisionsSep. 20/191Issued for SPCAug. 08/19no.issue / revisiondatenorthseal
STOCK F	ROM PREVIO	US MEADOW SPECIE	S ARE STARTING TO R	E-EMERGE.					
LEGEN		ISTING VEGETA	ATION TO REMAI	Ν	PLACE FENCE AT I 38x38x2400 mm ST 1200 mm PLASTIC S	EEL POST	EXISTING TREES	LAN VIEW LAN	Ruhland & Associates Ltd
) EX	ISTING VEGETA	ATION TO BE REI	MOVED		1200	x2400mm 'T' RAIL 3000 O.C. MAX MM PLASTIC SNOW FENCE (ORANGE), ED ±300MM ABOVE GRADE.		P (613) 224-4744 x 222 F (613) 224-1131 info@rala.ca www.rala.ca project
	— TR	REE PROTECTIC	ON FENCE			ATION		ROOT CUTTING PRIOR TO EXCAVATION	WILD BIRD CARE CENTER 8520 McArton Road, Ottawa, ON.
	DE	VELOPMENT A	REA		1 2 - - - - - - - - - - - - - - - - - -	METHOD SHOWN. WI 2. PROTECT ROOTS OF DISPOSAL OF CHEMI SOIL ROOT AREA, IN THE CITY OF OTTAWA T ERECT A FENCE A NOT PLACE ANY M NOT ATTACH ANY NOT RAISE OR LO TUNNEL OR BORE NOT DAMAGE THE ENSURE THAT EX CRITICAL ROOT ZONE (D (DIAMETER OF TRUNK STABLISHED AS BEING DIAMETER. THE TRUNK DIAMETER AND GREATE THE CONTRACTOR MUS	CRZ) OF A TREE: (IN CENTIMETERS) X 10CM = CRITICAL ROOT 6 10 CENTIMETRES FROM THE TRUNK OF A T DIAMETER IS MEASURED AT A HEIGHT OF 1.	BY TREES, APPLY SAME MEASURES. FION, FILLING, STORAGE OF MATERIALS, Y WHICH COULD CAUSE DISTURBANCE OF ACE WITHIN THE PROTECTED AREA. ORS WORKING NEAR TREES MUST: S; F THE TREE; WITHOUT APPROVAL; ;; WITHOUT APPROVAL; ;; NY TREE; OT DIRECTED TOWARDS ANY TREE'S CANOPY. [*] ZONE. THE CRITICAL ROOT ZONE IS REE FOR EVERY CENTIMETRE OF TRUNK 2 METRES FOR TREES OF 15 CENTIMETRES EES OF LESS THAN 15 CENTIMETRES DIAMETER. ROW TO THE START OF CONSTRUCTION. RK IS REQUIRED NEAR A CITY TREE.	drawing title TREE CONSERVATION PLAN scale drawn by designed by 1:200 M. Malkov R. Ruhland date checked by plot date October, 2016 R. Ruhland Dec. 16/20 project drawing number 18 - 1556 L - O1 Contractor to check and verify all dimensions on the job





STREET TREE PLANTING DETAIL

Cephalanthus occidentalis 135m² |Hummingbird / Butterfly perennials * 40 Flowering perennials / Ornamental / grasses **

* Hummingbird / Butterefly friendly natives or naturalized seed mix to includ Cardinal flower, trumpet honeysuckle, bee balm, native sage, daisy ,rudb , joepye

** Flowering perennials / Ornamental grasses to include species such as: Helianthus, Rudbeckia, Aster, Asclepias, Hypericum, Monarda, Nepeta, Bouteloua, Pannicum, Sorghastrum.

THIS PLAN IS ISSUED FOR SITE PLAN CONTROL ONLY. ADDITIONAL DETAILING AND SPECIFICATIONS ARE REQUIRED PRIOR TO TENDERING AND CONSTRUCTION.

GENERAL NOTES

.1 All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility i born by the Consultant for unknown subsurface conditions.

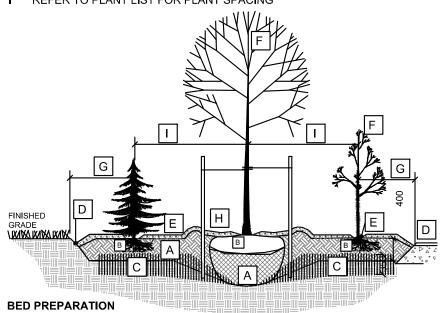
.2 The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

.3 All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with the Landscape Architect and Owner.

.4 No other trees to be removed without prior approval by Landscape Architect.

LEGEND

- A 400mm COMPACTED PLANTING MEDIUM, DEEPEN AT LARGE SHRUBS AND TREES TO BOTTOM OF ROOTBALL.
- **B** ROOTBALL, TOP OF ROOT CROWN TO BE FLUSH WITH PLANTING SOIL AND
- 50mm ABOVE SOIL OUTSIDE PLANTING BED C 350mm PLANTING MEDIUM / SUBSOIL CULTIVATED LAYER. SCARIFY
- THROUGHOUT PLANTING BED **D** EDGE TO DEPTH OF 100mm
- F PRUNE DAMAGE, DISEASED OR WEAK BRANCHES AS PER ACCEPTED
- HORTICULTURAL PRACTICE, DO NOT DAMAGE OR REMOVE LEADER
- G FIRST ROW OF SHRUBS/WHIPS TO BE PLANTED 1500mm FROM EDGE OF BED OR HARDSURFACE
- H PROVIDE 150 mm DEEP SAUCER AT LARGE SHRUBS/WHIPS I REFER TO PLANT LIST FOR PLANT SPACING



- .1 EXCAVATE OR PLACE FILL FOR PLANTING BED TO PROVIDE 400mm MINIMUM DEPTH OF PLANTING MEDIUM. PLANTING BED TO BE DEEPENED AT LARGE SHRUB AND TREE LOCATIONS. IF BASE OF PIT IS OVER EXCAVATED, RAISE BOTTOM TO PROPER LEVEL WITH COMPACTED PLANTING MEDIUM. .2 PLACE 150mm PLANTING MEDIUM ON SUBGRADE AND CULTIVATE INTO TOP
- 200mm OF SUBSOIL .3 PLACE REMAINDER OF PLANTING MEDIUM OVER CULTIVATED PORTION TO
- ACHIEVE FINAL GRADE. .4 CENTRE OF BED TO BE CROWNED ABOVE ADJACENT GRADE TO APPROVAL
- OF CONSULTANT. .5 ENSURE POSITIVE DRAINAGE.

OR REFORESTATION BED

FORESTATION BED DETAIL -SECTION FOR SHRUB NATURALIZATION BED

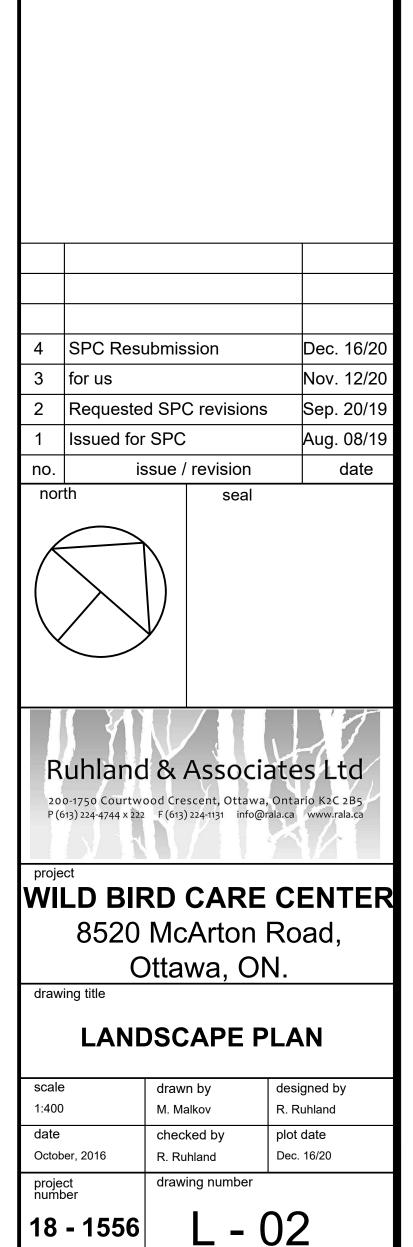
LEGEND:

EXISTING VEGETATION TO REMAIN

PROPOSED PLANTING

TREE PROTECTION FENCE

Common Name	Scheduled Size	Remarks
Sugar Maple	60mm cal.	WB, Staked
Red Maple	60mm cal.	WB, Staked
Chicagoland Hackberry	60mm cal.	WB, Staked
Canadian Tamarack	175cm ht.	WB, Staked
White Spruce	175cm ht.	WB, Staked
Black Cherry	50mm cal.	WB, Staked
White Pine	175cm ht.	WB, Staked
American Basswood	60mm cal.	WB, Staked
Chokeberry (Back)		Potted, 1.5m o.c.
Alternate-Leaf Dogwood		
Buttonbush (Back)		Potted, 1.5m o.c.
Bush Honey Suckle (Front)		Potted, 1.0m o.c.
Shrubby St. John's wort (Front)		Potted, 0.90m o.c
Ninebark (Front)		Potted, 1.5m o.c.
Snowberry (Back)		Potted, 1.0m o.c.
Nannyberry		
Native Wild flower seed mix		
Native varieties	150mm pot	



Contractor to check and verify all dimensions on the job