

	STF	R PLANT LIST					SHRUE	3S					
							Cs	9	CORNUS SERICEA	RED OSIER DOGWOOD	50cm Height	3 Gallon Potted	2m On Center Spacing
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	REMARKS	DI	44	DIERVILLA LONICERA	BUSH HONEYSUCKLE	50cm Height	3 Gallon Potted	1m On Center Spacing
<b>TREES</b>							Jp	15	JUNIPERUS X PFITZERIANA	BLUE PFITZER JUNIPER	50cm Spread	5 Gallon Potted	2m On Center Spacing
AS	4	ACER SACCARINUM	SILVER MAPLE	60mm Caliper	Wire Basket	12m On Center Spacing	JP	15	'PFITZERIANA GLAUCA'	BLUE PFIIZER JUNIPER	Such Spread	5 Gallon Polled	
GD	3	GYMNOCLADUS DIOICUS	KENTUCKY COFFEE TREE	60mm Caliper	Wire Basket	12m On Center Spacing	Py	12	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	50cm Height	3 Gallon Potted	1.5m On Center Spacing
PM	5	PICEA MARIANA	BLACK SPRUCE	200cm Height	Wire Basket	5m On Center Spacing	Pu	40	PINUS MUGO 'SLOWMOUND'	SLOWMOUND MUGO PINE	50cm Spread	5 Gallon Potted	1.5m On Center Spacing
PO	6	PICEA OMORIKA	SERBIAN SPRUCE	200cm Height	Wire Basket	5m On Center Spacing	Ra	21	RHUS AROMATICA 'GRO-LOW'	GRO LOW FRAGRANT SUMAC	50cm Height	3 Gallon Potted	1m On Center Spacing
PB	8	PICEA OMORIKA 'BRUNS'	BRUNS SERBRIAN SPRUCE	200cm Height	Wire Basket	3m On Center Spacing	Tm	12	TAXUS X MEDIA 'DENSIFORMIS'	DENSE YEW	50cm Spread	5 Gallon Potted	2m On Center Spacing
QB	2	QUERCUS BICOLOR	SWAMP WHITE OAK	60mm Caliper	Wire Basket	12m On Center Spacing	VVf	15	WEIGELA FLORIDA 'WINE & ROSES'	WINE & ROSES WEIGELA	50cm Height	3 Gallon Potted	1.5m On Center Spacing
	4	QUERCUS ROBUR x ALBA 'SKINNY	SKINNY GENES OAK	60mm Caliper	Wire Basket	3m On Center Spacing		168	TOTAL SHRUBS				
QR	4	GENES'	SKINNY GENES OAK		Wile Daskel	Sin On Center Spacing	PEREN	INIALS					
ТО	6	THUJA OCCIDENTALIS	EASTERN WHITE CEDAR	200cm Height	Wire Basket	3m On Center Spacing		0.0	HEMEROCALLIS 'RUBY STELLA'				Flom On Contor Specing
TA	1	TILIA AMERICANA	BASSWOOD	60mm Caliper	Wire Basket	12m On Center Spacing	hem	96	OR 'PARDON ME'	REBLOOMING DAYLILLY	-	1 Gallon Potted	50cm On Center Spacing
UA	5	ULMUS AMERICANA 'VALLEY FORGE'	VALLEY FORGE ELM	60mm Caliper	Wire Basket	12m On Center Spacing		96	TOTAL PERENNIALS				
	44	TOTAL TREES*			I								

1.1. Topographic Survey dated May 29, 2023 prepared by Van Harten Surveying Inc.	in accord
<ol> <li>Site Plan dated December 11, 2024 prepared by BJC Architects Inc.</li> <li>Grading and Servicing Plan dated December 2, 2024 prepared by Van Harten Surveying Inc.</li> </ol>	2. Planting accorda
1.4. Tree inventory and assessment conducted by Aboud & Associates Inc. August 14, 2024.	otherwis
<ol> <li>All dimensions are in metric unless otherwise noted.</li> <li>Do not scale drawings. Dimensions are to be verified on site by Contractor prior to commencement of the work.</li> </ol>	the plant ● Apr
4. These plans shall be read in conjunction with all details, notes, reports, written specifications, general conditions, any	3. Transpo
supplemental conditions and agreement which form the contract documents. 5. These drawings shall not be used for construction purposes unless noted as "Issued for Construction" and signed by the	protect ti antidesio
Landscape Architect or Professional Engineer.	4. Plant ma
<ol> <li>Contractor shall review all drawings and verify actual field conditions to determine the total scope of work and all required coordination prior to submission of bids and commencement of the work. Report any discrepancies to the Landscape</li> </ol>	5. Protect p 6. Immedia
Architect, for action to the satisfaction of the Owner.	approve
<ol> <li>Contractor shall locate all underground, at grade and overhead utilities prior to commencement of the work. All utilities not necessarily shown on these drawings. Aboud &amp; Associates assumes no responsibility for the accuracy of any utilities shown</li> </ol>	7. Protect s containe
in these drawings.	8. For balle
8. Contractor shall perform all work in accordance with the most current Ontario Building Code, Occupational Health and Safety Act and it's regulations, as well as local municipal codes, regulations, and By-laws.	zones. 9. Topsoil d
9. Contractor shall identify the location of all internal/external construction access routes, parking and storage of materials in	wind, fro
conformance with project erosion and sediment control plans for acceptance by the Owner. Construction, maintenance and removal/restoration of access, parking and storage facilities shall be included in the Contractor's bid price.	10. The Lan requirem
10. Contractor shall submit shop drawings where indicated in these drawings. Shop drawings shall be certified by a Professional	11. When a
Engineer licensed to practice in Ontario and reviewed by the contractor for dimensional correlation with the drawings and field conditions. Fabrication of elements on shop drawings shall not proceed until drawings have been reviewed and	species, meet all
approved by a Professional Engineer and have been accepted for general design conformance by the Landscape Architect	12. Accepta
in writing. The cost of preparing shop drawings, as well as the services of a Professional Engineer, shall be included in the Contractor's bid price.	13. Any plar 13.1. Onl
<ol> <li>Contractor proposed substitution of materials and products shall be submitted in writing for review by Landscape Architect and acceptance by Owner and Municipality.</li> </ol>	13.2. Any 13.3. Evic
12. Material quantities on drawings shall take precedent over those in lists and schedules.	inte
13. Where traffic control is necessary, Contractor shall use the guideline of the Construction Safety Association of Ontario, municipal by-laws, the Highway Traffic Act and the Ontario Traffic Manual (Book 7). The cost of preparing, obtaining	13.4. Evid des
approvals and implementing traffic control plans shall be included in the Contractor's bid price, unless otherwise noted.	of le
<ol> <li>Contractor shall erect temporary barriers, as required, to secure the work area. Contractor shall maintain temporary barriers in good repair and remove at the end of the work.</li> </ol>	13.5. Plai con
15. Contractor shall provide layout and grade staking, for general review by Landscape Architect and acceptance by Owner.	soil
<ol> <li>Contractor is responsible for protecting and/or reinstating site elements indicated in these drawings.</li> <li>Contractor is responsible for restoration of adjacent surfaces and existing site elements damaged by the Contractor in the</li> </ol>	13.6. Plai 13.7. Any
performance of the work, including but not limited to roads, driveways, utilities, buildings, curbs, sidewalks, retaining walls,	the
fencing, turf, flowers and woody vegetation. Restoration work shall be performed by the Contractor at no cost to the Owner and be completed in conformance with applicable Provincial, Municipal or Agency standards and requirements, to the	13.8. Any maj
satisfaction of the Owner/Agency of the damaged element.	14. Topsoil
<ol> <li>Where new paving or earthwork meets existing, smoothly blend line and grade of existing with new.</li> <li>Contractor or Owner to request in writing [email] Project Landscape Architect general review services at substantial</li> </ol>	material Accredit
performance of landscape work between May 1st and October 31st. Requests for review after October 31st will be carried	14.1. Тор
out after May 1st the following spring. 20. All work and materials are to be warranteed by the Contractor for twenty-four (24) months from date of initial acceptance of	14.1.1. 14.1.2.
all items by Municipal Staff and Project Landscape Architect. 20.1. The Contractor shall be retained by the Owner to perform maintenance, as described in these drawings for all the	14.1.3. 14.2. Her
installed trees, shrubs, perennials, turf, and seeding during the warranty period.	14.3. Org
OR 20.2. The Owner shall provide maintenance themselves or retain a separate Contractor to perform the maintenance as	14.4. Pho 14.5. Pot
described in these drawings for all installed trees, shrubs, perennials, turf and seeding during the warranty period.	14.6. Cal
21. Unless identified in warranty maintenance requirements, after substantial performance, it is the Owner's responsibility to inspect and maintain all safety devices, signs, guards, fences, handrails, surfaces, structures, and stormwater drainage	14.7. Mag 14.8. Chi
system so they may function for their intended use and without harm for all users of the site.	14.9. Soc
	14.10. Soc 14.11. Sha
1 GENERAL LANDSCAPE NOTES	14.12. The
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1 Deferm following maintenance exerctions from time of planting trace, abrube, and pergnnicle to and of warranty period by	vegetatio Landsca 16. Mulch sh stones, f size and 17. Anti-Des by Nurse moisture
<ol> <li>Perform following maintenance operations from time of planting trees, shrubs, and perennials to end of warranty period two (2) years following substantial performance of the work.</li> </ol>	vegetatio Landsca 16. Mulch sh stones, f size and 17. Anti-Des by Nurse moisture instructio
<ul><li>(2) years following substantial performance of the work.</li><li>1.1. Water to maintain soil moisture conditions for optimum establishment, growth and health of plant material without</li></ul>	vegetatio Landsca 16. Mulch sh stones, f size and 17. Anti-Des by Nurse moisture instructio 18. Contract growth, s
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Base information sources

1. Plant Characteristics, Rootballs, Rootball Standards including minimum rootball diameters specified on these plans are to be lance with the Canadian Nursery Landscape Association Canadian Standards for Nursery Stock, current edition. shall only be performed when weather and soil conditions are suitable for planting the materials specified in ance with locally accepted practice. Install plant materials during the planting time as described below unless se approved in writing by Landscape Architect. In the event that the Contractor request planting outside the dates of nting season, approval of the request does not change the requirements of the warranty.

oril 1 - June 30 and September 1 - October 31

prtation of plants should be restricted to closed vans or trucks covered with mesh tarpaulin or, similar material, to the leaves or needles from windburn or desiccation. This may be supplemented by spraying the foliage with an ccant prior to shipping.

aterial shall at no time be dropped or handled roughly.

plant material from frost, excessive heat, wind and sun following delivery.

Itely store and protect plant material, which will not be installed within 1 hour after arrival at site in storage location, ed by the Landscape Architect.

stored plant material from frost, wind and sun and as follows: For pots and containers, maintain moisture level in

led and burlapped and wire basket root balls, place to protect branches from damage. Maintain moisture level in root or plantings shall not be placed or installed when in a frozen condition, under adverse field conditions such as high

ozen soil or soil covered with snow, ice, or standing water. ndscape Architect and Municipal Staff has the right to reject any and all plant material that does not conform to the

nents of this specification at any time regardless of any previous approval. plant has been rejected, immediately remove it from the area of the Work and replace it with a plant of the required

, size and quality at the earliest planting period consistent with these specifications. Replacement plant material shall the requirements of this specification. Rejected plants shall be replaced at no cost to the Owner. ance shall not be given for the planting Work until all plants rejected during the course of the Work are replaced.

nt that has the following characteristics shall be cause for rejection: ly nursery grown plants will be accepted.

plant that has a canopy with 25% or more dead or removed limbs.

dence of damage to plant material, which diminishes the aesthetic character/form, biological integrity, or structural egrity of the plant or group of plants

dence of improper digging; inadequate protection following digging; carelessness while in transit; evidence of siccation or wind-related damage; cold damage; improper handing or storage; root zones that have dried to the point leaf wilt; cracked, loose, damaged or distorted root balls.

ints with undersized root balls or containers, kinked or girdling roots, matted roots on the top, and edges of the Itainer, excessive surface adventitious roots, root balls and containers with no structural roots in the top 75mm of the

#### ants balled with synthetic, treated or non-biodegradable fabrics.

tree that is of a species that characteristically has a dominant central leader, and if the leader is dead or removed, e tree will not have a form consistent with the species.

y tree that has open wounds (not completely healed over) that penetrates the cambium into the wood on trunks or jor limbs the removal of which would result in the loss of 25% or more of the structure and form of the tree shall be loose, friable, fertile loamy material that is free from subsoil, weeds, roots, vegetation and other deleterious I greater than 25mm diameter in the greatest dimension. The topsoil shall also be certified by an OMAFRA ted Soil Testing Laboratory in Ontario to meet the following requirements:

psoil texture shall be loam, sandy loam to with: Sand content between 20-75%

Silt content between 5-30%

Clay content between 5-30%

bicides - No detectable levels anic Matter content between 4-15%

osphorus 10-60 (ppm)

assium 80-259 (ppm)

Icium 1000-4000 (ppm)

gnesium 100-300 (ppm) loride <100 (ppm)

dium <200 (ppm)

dium Adsorption Ratio <15 all not have contaminants that adversely affect plant growth.

cost to amend existing on-site topsoil to be reused shall be paid for by the Owner. cost to amend imported topsoil supplied by the Contractor to meet Agronomist written recommendations shall be

for by the Contractor. all not have contaminants or impurities that would adversely affect the germination and growth of

ion.Proposed plants which come over or under any utility shall be relocated by the Contractor for review by the ape Architect, to the satisfaction of the utility provider. hall be shredded hardwood or softwood as specified in the planting details. Free from roots, leaves, twigs, debris,

fungus, crabgrass rhizomes, or any material detrimental to plant growth. Material shall be mulching grade, uniform in I foreign matter. Mulch that has become saturated with water and presents an anaerobic odor shall be rejected. siccant (if used) shall be emulsion type, film-forming agent similar to Dowax by Dow Chemical Company, or Wilt-Pruf ery Specialty Products, Inc., Croton Falls, New York, designed to permit transpiration but retard excessive loss of from plants. Deliver in manufacturer's fully identified containers and use in accordance with manufacturer's ons. Submit manufacturers product data for approval.

to to examine the surface grades and soil conditions for any circumstances that might be detrimental to plant such as deposits of construction-related waste or soil contamination, storage of material or equipment, soil tion or poor drainage. Contractor to examine the grading, verify all elevations, and notify the Landscape Architect in any unsatisfactory conditions.

tor to inspect each plant after delivery and prior to installation for damage of other characteristics that may cause of the plant.

pits, beds, and trenches with vertical sides and with bottom of excavation slightly raised at center to provide proper When conditions detrimental to plant growth are encountered, such as rubble fill, adverse drainage conditions, or ions, notify the Consultant before planting. Dispose of subsoil removed from planting excavations. Do not mix with soil or use as backfill. Plants to be planted in prepared planting soil may utilize the soil removed from the planting backfill around the root ball.

of the root ball at the elevation of the proposed finish. Consult the grading plan and utilize a builder's level or transit mine the grade at the tree grade. For trees on sloped surfaces, set the edge of the root ball at the average grade the tree. Set the plant plumb and in the location indicated on the plan. The root flare and tree graft, if applicable, shall le at the top of the root ball, above the grade. Do not place soil on top of the root ball and remove soil pushed above e by mechanical potting/balled & burlapping process during transplantation by the nursery.

et, brace root ball by tamping backfilled soil around the lower portion of the root ball. Place additional backfill around d sides of ball in 150mm lifts. Work each lift to settle backfill and eliminate voids and air pockets. When excavation is nately two-thirds full, water thoroughly before placing remainder of backfill. Ropes or strings on top of ball shall be removed. Burlap or cloth wrapping shall be cut and removed from the top of the root ball. The top horizontal ring of wire baskets shall be cut in four places and the top half of the wire basket folded down into the soil.

staking is required, caliper trees shall be supported by wooden stakes driven outside the ball in line with the direction evailing wind. Tree tie type and installation method to be per planting detail. Stakes shall be 50mm x 50mm od stakes free of knots and of lengths appropriate to the size plant required for to adequately support the plant. uard type and installation per planting detail.

all trees and shrubs in a plumb position throughout the warranty period. Straighten all trees including those not Plants to be straightened shall be excavated and the root ball moved to a plumb position, and then re-backfilled. Do ghten plants by pulling the trunk with guys.

upply any fertilizer to plantings during the first year after transplanting, unless soil tests determine that fertilizer or emical additives are required. If required, fertilizers shall be applied according to the manufacturer's instructions and horticultural practices.

shall be done with clean, sharp, rust-free tools. Cuts shall be made flush, leaving no stubs as per ANSI A 300 edition. No tree paint or sealants shall be used.

ood, suckers, and broken and badly bruised branches shall be removed. Do not prune plant material that has been damaged due to transit or handling until viewed by the Landscape Architect. of broken or dead branches shall be done after planting. Form-corrective pruning may occur when tree has

ed until bud-break in the spring. If corrective pruning dates fall outside the construction schedule, it shall remain a st (warranty) item. The Contractor shall be responsible for completing this off-season punch list (warranty) item. op of root balls and planting beds, covering the entire planting bed area. Leaving a mulch free zone at stem/trunk as l in planting details.

each plant on the day of installation to saturate the soil around the roots and wash the soil into the root zone. After the drained, reset any settled plants or grades around the plant, adding soil if required.

### E, SHRUB, AND PERENNIAL INSTALLATION NOTES

1. Sod shall be a No. 1 Commercial Grade Turfgrass Nursery Sod, Kentucky Bluegrass/Fine Fescue according to the Classifications and Use of Turfgrass Sod for Ontario.

- 2. Sod shall be seeded and established in nursery sod fields as a turfgrass sod. 2.1. Sod shall be uniform in texture, and in good healthy condition with no sign of decay.
- maximum.
- 6. Topsoil shall be loose, friable, fertile loamy material that is free from subsoil, weeds, roots, vegetation and other deleterious
- Accredited Soil Testing Laboratory in Ontario to meet the following requirements: 6.1. Topsoil texture shall be loam, sandy loam to with:
- 6.1.1. Sand content between 20-75%
- 6.1.2. Silt content between 5-30% 6.1.3. Clav content between 5-30%
- 6.2. Herbicides No detectable levels
- 6.3. Organic Matter content between 4-15%
- 6.4. Phosphorus 10-60 (ppm) 6.5. Potassium 80-259 (ppm)
- 6.6. Calcium 1000-4000 (ppm)
- 6.7. Magnesium 100-300 (ppm)
- 6.8. Chloride <100 (ppm)
- 6.9. Sodium <200 (ppm) 6.10. Sodium Adsorption Ratio <15
- 6.11. Shall not have contaminants that adversely affect plant growth. 6.12. The cost to amend existing on-site topsoil to be reused shall be paid for by the Owner.
- paid for by the Contractor.
- 9. Surface litter and debris shall be removed immediately prior to topsoil or sod placement.
- or soil covered with snow, ice, or standing water.
- the Project Civil Engineer and to allow for positive drainage away from pathways and structures. 12. Minimum consistent depth for topsoil in areas to be sodded after settlement shall be 200mm deep,
- 14. Sod shall be placed in locations and as specified in the landscape drawings.
- 14.1. Voids shall not be left between the soil portion of the sod and the underlying ground surface.
- 14.3. End joints of adjacent sod pieces shall be staggered.
- 14.4. The edges of adjacent sod pieces shall be placed tightly against one another without overlapping.
- 14.5. Sod shall be countersunk to existing grade level at all edges.
- 14.7. Joints shall be tamped to a uniform surface.
- 15. Sod shall be maintained by the Contractor as part of base price during the establishment period (30 Days) following
- establishment period the Contractor will: 15.2. Water to maintain soil moisture conditions for optimum establishment, growth and health of plant material without
- Provincial and Municipal regulations. Obtain product approval from Consultant prior to application.
- integrated pest management practices to meet acceptance/success targets.

## 2 SOD INSTALLATION AND ESTABLISHMENT NOTES LP-2

- Hydraulic seeding to be installed per OPSS.MUNI 803.
- 2. Permanent Seed and Annual Nurse Cover Crop Seed Mix composition as indicated in drawing LP-3.
- Soil Testing Laboratory in Ontario to meet the following requirements:
- 4.1. Topsoil texture shall be loam, sandy loam to with: 4.1.1. Sand content between 20-75%
- 4.1.2. Silt content between 5-30%
- 4.1.3. Clay content between 5-30%
- 4.2. Herbicides No detectable levels
- 4.3. Organic Matter content between 4-15% 4.4. Phosphorus 10-60 (ppm)
- 4.5. Potassium 80-259 (ppm)
- 4.6. Calcium 1000-4000 (ppm)
- 4.7. Magnesium 100-300 (ppm)
- 4.8. Chloride <100 (ppm)
- 4.9. Sodium <200 (ppm)
- 4.10. Sodium Adsorption Ratio <15
- 4.11. Shall not have contaminants that adversely affect plant growth.
- 4.13. The cost to amend imported topsoil supplied by the Contractor to meet Agronomist written recommendations shall be paid for by the Contractor.
- supplied in factory sealed packages bearing the manufacturer's label indicating the product name, its mass and content.



2.2. There shall be no more than 5 broadleaf weeds per 40 m2 of sod and up to 20% non-specified grass seed. 2.3. Sod shall be of sufficient density that no surface soil is visible. The grass height shall be 30 mm minimum and 70 mm

3. The soil portion of the sod shall be a good mineral type soil with a thickness of 10 mm minimum and 15 mm maximum. 4. Each sod piece shall be well permeated with roots. Individual sod pieces shall be in such condition so that each may be lifted, rolled, transported, and placed without breaking or tearing and without loss of soil under normal handling conditions. 5. Sod shall contain sufficient moisture to maintain its vitality during transportation and placement.

material greater than 25mm diameter in the greatest dimension. The topsoil shall also be certified by an OMAFRA

6.13. The cost to amend imported topsoil supplied by the Contractor to meet Agronomist written recommendations shall be

7. Water shall not have contaminants or impurities that would adversely affect the germination and growth of vegetation. 8. Sod shall not be separated from its mineral soil base and not damaged during transportation, handling, and placement.

10. Topsoil or sod shall not be placed when in a frozen condition, under adverse field conditions such as high wind, frozen soil

11. Topsoil shall be placed, spread and leveled as required to match grades as indincated in the grading drawings prepared by

13. At the time of sodding, all surface areas designated for sodding shall be free of erosion and shall have a fine graded uniform surface. The surface shall be uniformly cultivated to a minimum depth of 50 mm and shall not have surface materials greater than 25 mm in size, such as stones and clods and weeds or other unwanted vegetation.

14.2. Sod shall be securely placed lengthwise across the face of slopes and parallel to the centreline of ditches.

14.6. Butt joints will be used where new sod blends with existing grass; lap joints will not be permitted.

14.8. Where required, sod should be staked to the grade to avoid movement.

completion of placement. During this period, the placed sod shall be kept healthy, actively growing, and green in colour. This requirement shall be suspended during the winter dormant period defined as November 15 to April 15 inclusive. During the

15.1. Install temporary barriers or signage to be maintained where required to protect newly established sod.

causing erosion. In a typical loam soil, optimum soil moisture in planting beds at root depth is 65% of field capacity.

15.3. Mow to a height of 60mm (2.5") when turf reaches height of 80mm (3") at least twice during the establishment period.

15.4. If required to control insects, fungus and disease, use appropriate control methods in accordance with Federal,

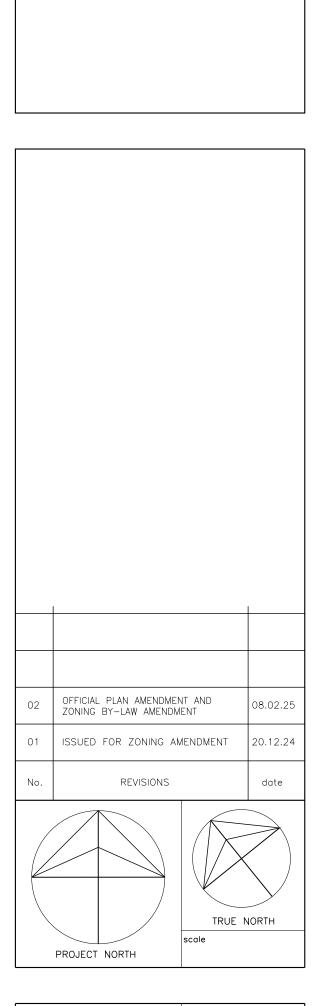
15.5. Control outbreaks of perennial weeds and annual weeds by mechanical or chemical means utilizing acceptable

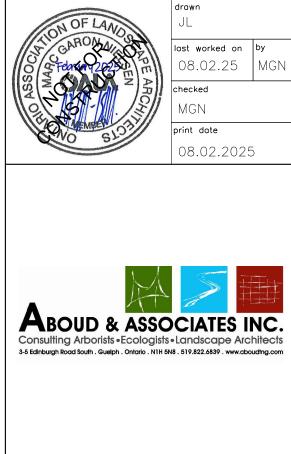
15.4. If chemical means are used, comply with all municipal, provincial, and federal legislation and regulations.

3. No seed fertilizer to be applied (Native Seed Mixes do not require supplementary fertilizer on prepared growing media. 4. Topsoil shall be loose, friable, fertile loamy material that is free from subsoil, weeds, roots, vegetation and other deleterious material greater than 25mm diameter in the greatest dimension. The topsoil shall also be certified by an OMAFRA Accredited

4.12. The cost to amend existing on-site topsoil to be reused shall be paid for by the Owner.

5. Hydraulic Seeder: shall be capable of mixing the materials into a homogeneous slurry and maintaining the slurry in a homogeneous state until it is applied. The discharge pumps and gun nozzles shall be capable of applying the materials uniformly over the specified area. A hose extension for the hydraulic seeder shall be on site and available for use for areas outside of the range of the gun nozzle. Equipment shall provide constant agitation to prevent seed and slurry from clogging equipment. The seeding equipment shall be calibrated to provide the coverage areas to receive seed indicated in drawing LP-1. 6. Hydraulic Mulch: shall consist of shredded wood or paper fibres or both, and water or a stabilizing emulsion or both. Stabilizing emulsions shall consist of an organic tackifier or an inorganic polymer. Hydraulic mulch shall be capable of dispersing rapidly in water to form a homogeneous slurry. Hydraulic mulch shall be dry, free of weeds and other foreign materials, and shall be





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project no. 23-046A	site plan no.
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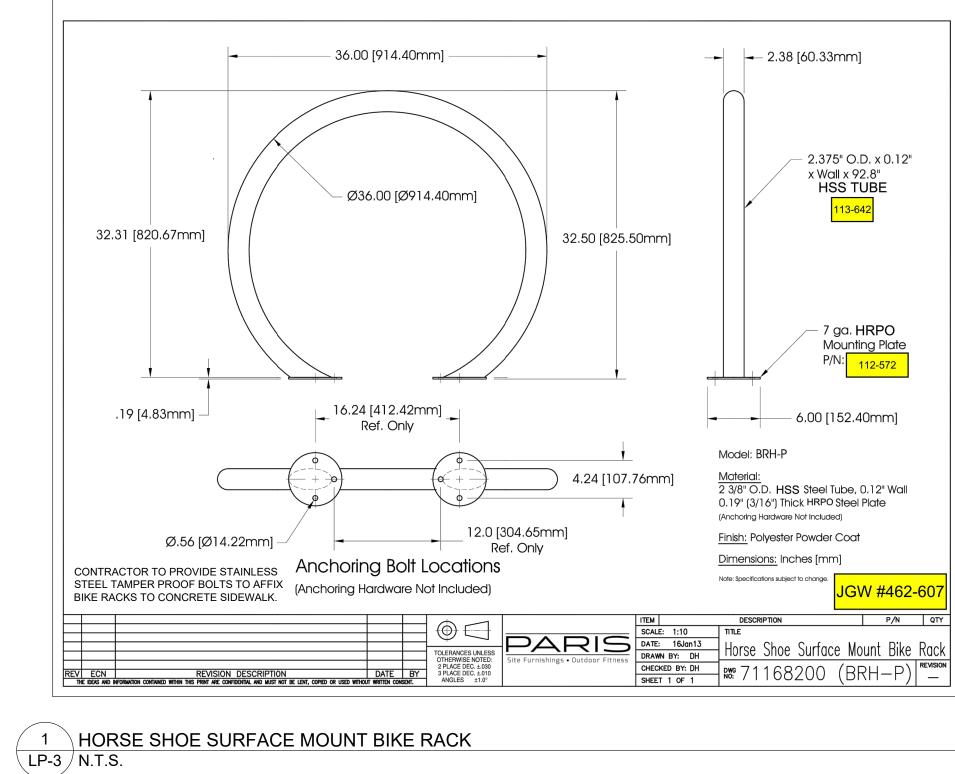
# CITY OF GUELPH STANDARD EARLY SUCCESSION MEADOW SEED MIX

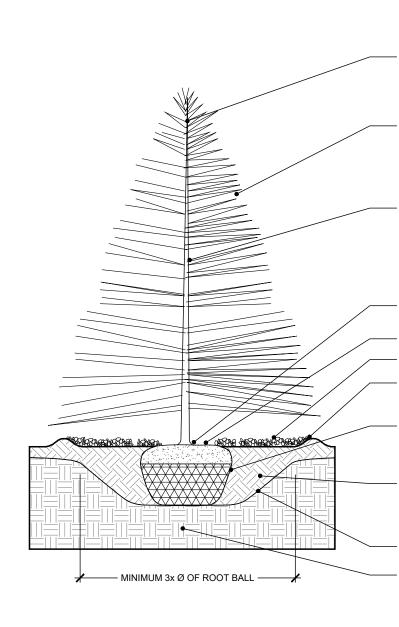
% BY WEIGHT	BOTANICAL NAME	
20	ANDROPOGON GERARRDI	BIG BLUESTEM
8	COREOPSIS LANCEOLATA	LANCE-LEAVED COREOPSIS
25	ELYMUS VIRGINICUS	VIRGINIA WILD RYE
2	MONARDA FISTULOSA	WILD BERGAMONT
25	PANICUM VIRGATUM	SWITCH GRASS
5	PENTSTEMON DIGITALIS	FOXGLOVE/BEARDTONGUE
11	RUDBECKIA HIRTA	BLACK EYED SUSAN
2	SYMPHYOTRICHUM NOVAE-ANGLAIE	NEW ENGLAND ASTER
2	SYMPHYOTRICHUM SAGGITIFOLIUS	ARROW LEAVED ASTER
SEEDING	RATE = 25 KG / HECTARE	-

NUR	SE CROP (IF SEEDING IN SPR	RING/ EARLY-SUMMER)
% BY WEIGHT	BOTANICAL NAME	COMMON NAME

WEIGHT		
50	LOLIUM MULTIFLORUM	ANNUAL RYEGRASS
25	AVENA SATIVA	OATS
25	FAGOPYRUM ESCULENTUM	BUCKWHEAT
SEEDING	RATE = 25 KG / HECTARE	

NUR	SE CROP (IF SEEDING IN LAT	E-SUMMER/FALL)
% BY WEIGHT	BOTANICAL NAME	
50	LOLIUM MULTIFLORUM	ANNUAL RYEGRASS
50	TRITICUM AESTIVUM	WINTER WHEAT
SEEDING	RATE = 25 KG / HECTARE	





2 TYPICAL CONIFEROUS TREE PLANTING DETAIL LP-3 N.T.S.

Remove all nursery tags, wires and wraps at time of planting. Remove tree guards and supports at end of warranty period.

At time of planting, pruning shall be limited to cleaning (stubs, broken, dead or diseased branches). Contractor shall complete any structural pruning and pruning to raise required to improve tree and branch architecture at end of warranty period. No more than 25% of foliage shall be removed in a single growing season. All pruning work shall be completed in compliance with ANSI A300 (Tree Care Standards)

Set tree plumb in planting bed or centre of pit, except where the plant's character requires variation from this. Where possible, orient plant in the same direction that it was grown in the nursery. Face the lowest branch away from the greatest pedestrian and vehicular traffic and position the plant for best viewing.

Locate trunk(root) flare and first root at top of rootball. Remove any fill soil at top of rootball to ensure flare is 25 to 50mm above finish grade and first root is located 25 to 50mm below finish grade

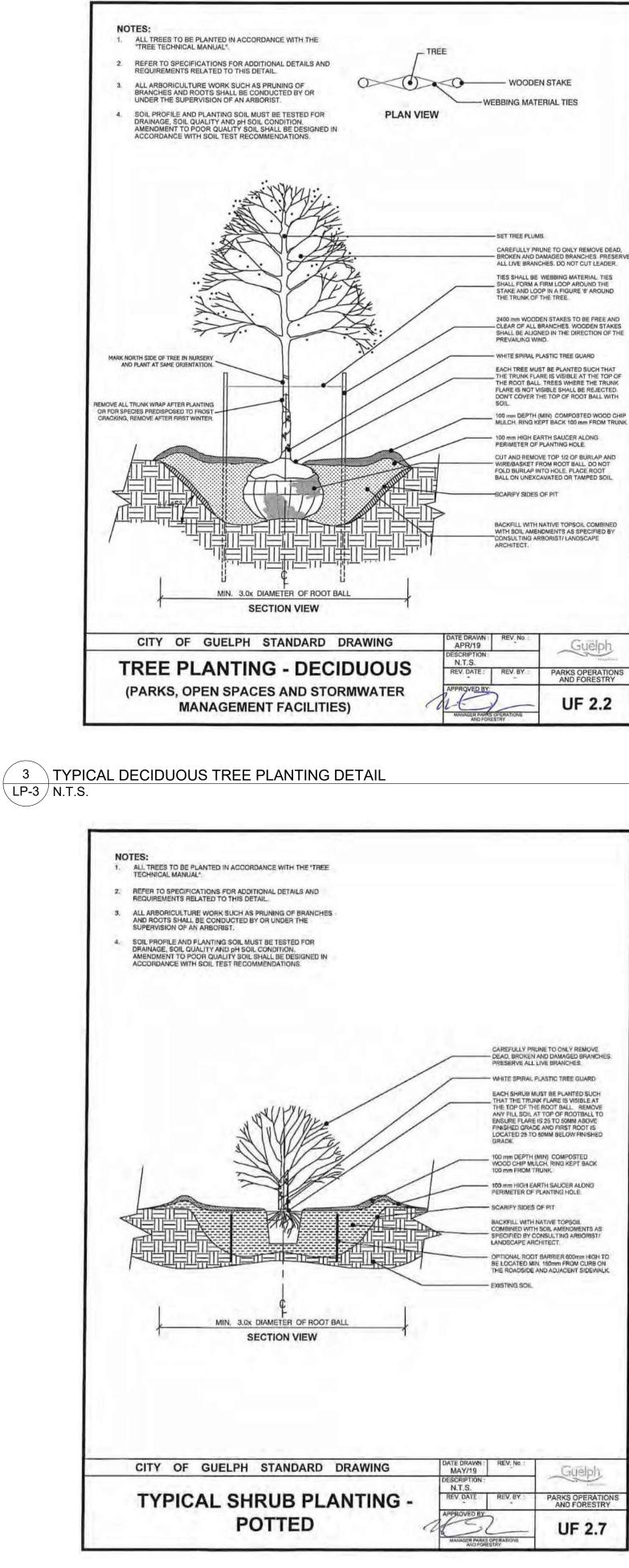
- 200mm Ø mulch free area at trunk — 100mm depth Shredded Pine Mulch or Composted Pine Mulch

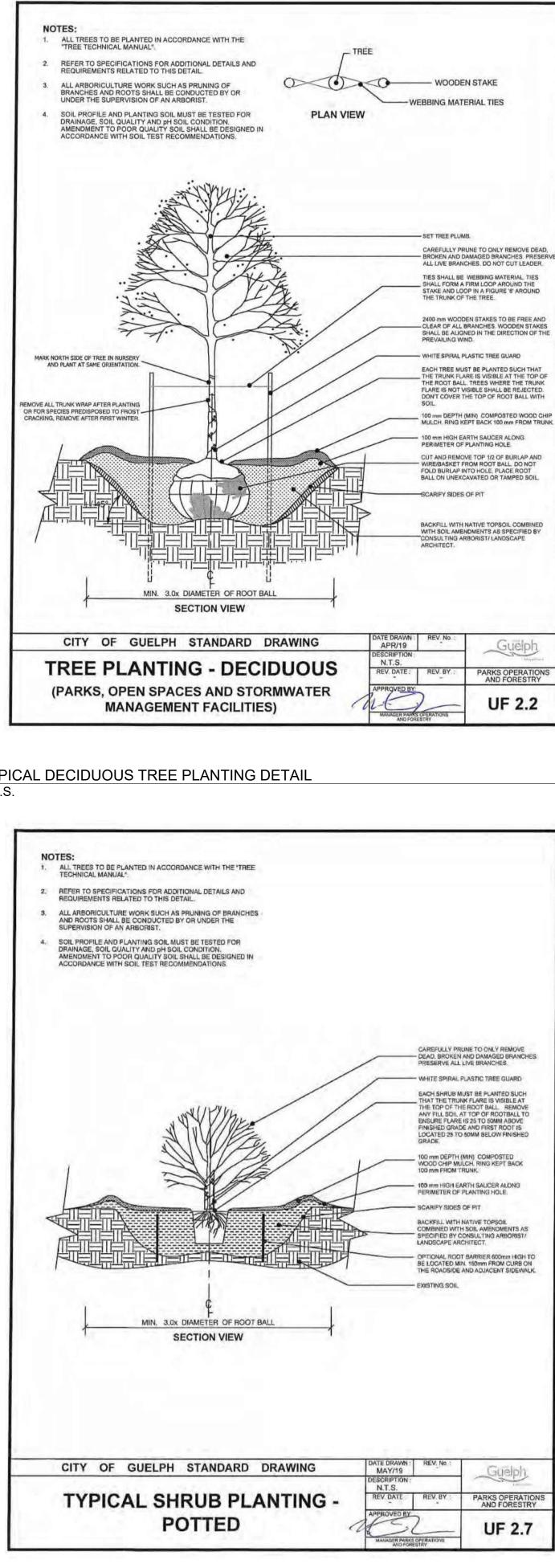
300mm wide x 100mm depth soil saucer

Remove all wires and ties, cut away top one third of wrapping and wire basket without damaging root ball. Do not pull burlap or rope from under root ball.

600mm depth Growing Medium (Existing Amended Topsoil and/or Imported Topsoil) Placed in 150mm lifts, tamped around rootball compacted to max. 80% SMPDD. Throughly water growing medium after 2/3 of planting pit is filled to assist with settling and reducing air pockets. After water has been absorbed, place growing medium in remaining portion of planting pit.

Planting pit with sloped sides. Scarify sides and bottom to a depth of 30cm and thoroughly mix to avoid an abrupt texture or glazed interface that could impede root development. — Undisturbed or compacted subgrade to 80-85% SPMDD below rootball





4 TYPICAL SHRUB PLANTING DETAIL - CONTINUOUS MULCHED BED LP-3 N.T.S.

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