project #: 21-310

PLANT SCHEDULE L-1

TREES	BOTANICAL NAME	COMMON NAME	SIZE	COND.	MATURE HT. (M)	MATURE SPR. (M)	O.C. (M)	REMARKS
2	Acer saccharinum	Silver Maple	50mm Cal.	W.B.	20.0	18.0	As Shown	Native to Ontario
11	Populus grandidentata	Largetooth Aspen	50mm Cal.	W.B.	18.0	8.0	As Shown	Native to Ontario
2	Quercus rubra	Red Oak	50mm Cal.	W.B.	18.0	17.0	As Shown	Native to Ontario
SHRUBS	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	**COND.**	**MATURE HT. (M)**	**MATURE SPR. (M)**	**O.C. (M)**	**REMARKS**
8	Cornus racemosa	Gray Dogwood	80cm	#3 cont.	3.0	3.0	2.5	Native to Ontario
22	Rosa blanda	Meadow Rose	30cm	#2 cont.	1.3	1.5	1.4	Native to Ontario
22	Sambucus canadensis	Elderberry	50cm	#3 cont.	2.5	2.0	1.75	Native to Ontario
33	Viburnum lentago	Nannyberry	50cm	#3 cont.	5.0	1.75	1.5	Native to Ontario

LANDSCAPE NOTES:

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2. Complete all work to the satisfaction of the Landscape Architect.
3. Report any changes, discrepancies or substitutions to the Landscape Architect for review. Obtain approval from the Landscape Architect before proceeding.
4. It is the contractor's responsibility to determine existing service locations.
5. Exact locations of plant material will be determined by placement of site services such as hydro vaults, meters, utilities roof rain water leaders, driveways, light standards, etc.
6. All plant material locations to be staked or marked out and approved by Landscape Architect prior to installation.
7. Supply all plant material in accordance with the Canadian Standards for Nursery Stock (8th ed.).
8. Install plant material according to details shown.
9. Supply and place mulch in accordance with Canadian Landscape Standard (Section 10, Mulching). Disturbed soil areas around trees and shrubs are to be covered with shredded conifer bark mulch such as 'Cedar Bark Mulch' by All Treat Farms or 'Classic Cedar Mulch' by Gro-Bark, or approved equivalent. Alternative mulches must be approved by the Landscape Architect.
10. Contractor to utilize layout dimensions where provided
11. Provide planting bed area as noted on the drawing or to accommodate mature size of plant material.
12. All support systems must be removed by the contractor at time of final acceptance. No extras will be paid to complete this work
13. Supply and place topsoil in accordance with Canadian Landscape Standard (Section 4, Grading & Drainage and Section 6, Growing Medium) to a minimum depth of 150mm unless otherwise specified.
14. Supply and place sod in accordance with Canadian Landscape Standard (Section 7, Lawns & Grass and Section 8, Turfgrass Sod)unless otherwise specified.
15. Supply and place seed in accordance with Canadian Landscape Standard (Section 4, Grading & Drainage and Section 6, Growing Medium) unless otherwise specified. All 5:1 or greater slopes to be seeded with tacifier. Contractor to provide necessary erosion control protection as required to ensure soil stabilization and proper seed germination.
16. All dimensions in meters unless otherwise noted.
17. If discrepancies arise between plant material count shown on drawing and plant list, the drawing shall be considered correct.
18. Contractor to provide minimum one (1) year warranty (including trees on municipal property) from date accepted on all work unless otherwise specified.
19. Any site plan or grading and servicing shown is for information only. Refer to approved drawings.
20. Not for construction unless stamped, signed and dated by Landscape Architect.
21. Drawings not to be reproduced without written consent from Landscape Architect.
22. Approval of landscape plan to be obtained from municipality.
23. All plant material to be planted a minimum of 1.0m from any swales or ditches.
24. For grading and servicing information refer to the consulting Engineer's drawings.
25. For lighting information and power distribution refer to the electrical consultant's drawings.

TERRASEED NOTES:

1. Areas to be seeded with naturalization mix shall receive an application of naturalization seed at the rate of 25-30 kg/hectare or 2 kg/100m² for spot applications, in the following mixture:

*Early Succession/Riparian Mix**

Black Eyed Susan (Rudbeckia hirta)	5%
Blue Vervain (Verbena hastata)	10%
Canada Anemone (Anemone canadensis)	1%
Canada Goldenrod (Solidago canadensis)	4%
Little Bluestem (Schizachyrium scoparium)	10%
Common Milkweed (Aeclepiasw syriaca)	5%
Fowl Bluegrass (Poa palustris)	25%
Meadow/Open Field Sedge (Carex granularis)	20%
New England Aster (Symphyotrichum novae-angliae)	1%
Path Rush (Juncus tenuis)	10%
Purple Stemmed Aster (Symphyotrichum puniceum)	1%
Virgins Bower (Clematis virginiana)	4%
Wild Bergamot (Monarda fistulosa)	4%

*apply with Annual Oats (Avena sativa) nursecrop at 22kg/hectare.

Supplied by:
St. Williams Nursery & Ecological Centre (or approved equal)
P: 1-519-586-9116
W: www.stwilliamsnursery.com

2. Contractor responsible for soil test to determine fertilizer rates. Results of soil test shall be provided to the Landscape Architect for review and approval.
3. Hydraulic mulch to be approved by the Landscape Architect shall be applied at the rate of 2100kg per hectare.
4. The contractor shall not carry out the work under adverse weather conditions such as high wind, frozen ground or ground covered with snow, ice or standing water.
5. Grade sub-grade, eliminate uneven areas and low spots, ensure positive drainage. Remove debris, roots, branches, stones in excess of 50mm diameter and other deleterious materials. Remove subsoil that has been contaminated with oil, gasoline or calcium chloride, dispose of removed material as directed by Landscape Architect.
6. Grade seed bed for terraseeding to a uniform surface and remove vegetation which may interfere with seeding operations. Loosen soil to depth of 25mm minimum and remove stones and foreign material which protrude more than 75mm above the surface.
7. All areas to be terraseeded to receive 150mm of topsoil.
8. Seeded areas to be maintained by contractor ensuring adequate water, fertilizer, maintenance and repair until seeded areas are properly established. Areas seeded in fall will be accepted in following spring, one month after start of growing season provided acceptance conditions are fulfilled.

KEY MAP - N.T.S.



LEGEND

- property line
- existing tree to remain
- proposed deciduous tree
- proposed coniferous tree
- proposed shrub
- existing elevation
- proposed elevation
- min. 150mm topsoil, fine grade & sod
- native seed mix (refer to terraseed notes)

NOT FOR CONSTRUCTION
ISSUED FOR REVIEW & COMMENTS ONLY

REVISIONS/ SUBMISSIONS

#	DATE	DESCRIPTION
1	2022-02-03	Issued for client review
2	2022-02-11	Issued for first submission
3	2023-10-13	Issued for second submission

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CLIENT

MUNICIPALITY
City of Burlington

PROJECT
King Paving & Construction
Proposed Asphalt Plant
291 North Service Road

MUNICIPAL FILE NUMBER

SHEET
Landscape Plan

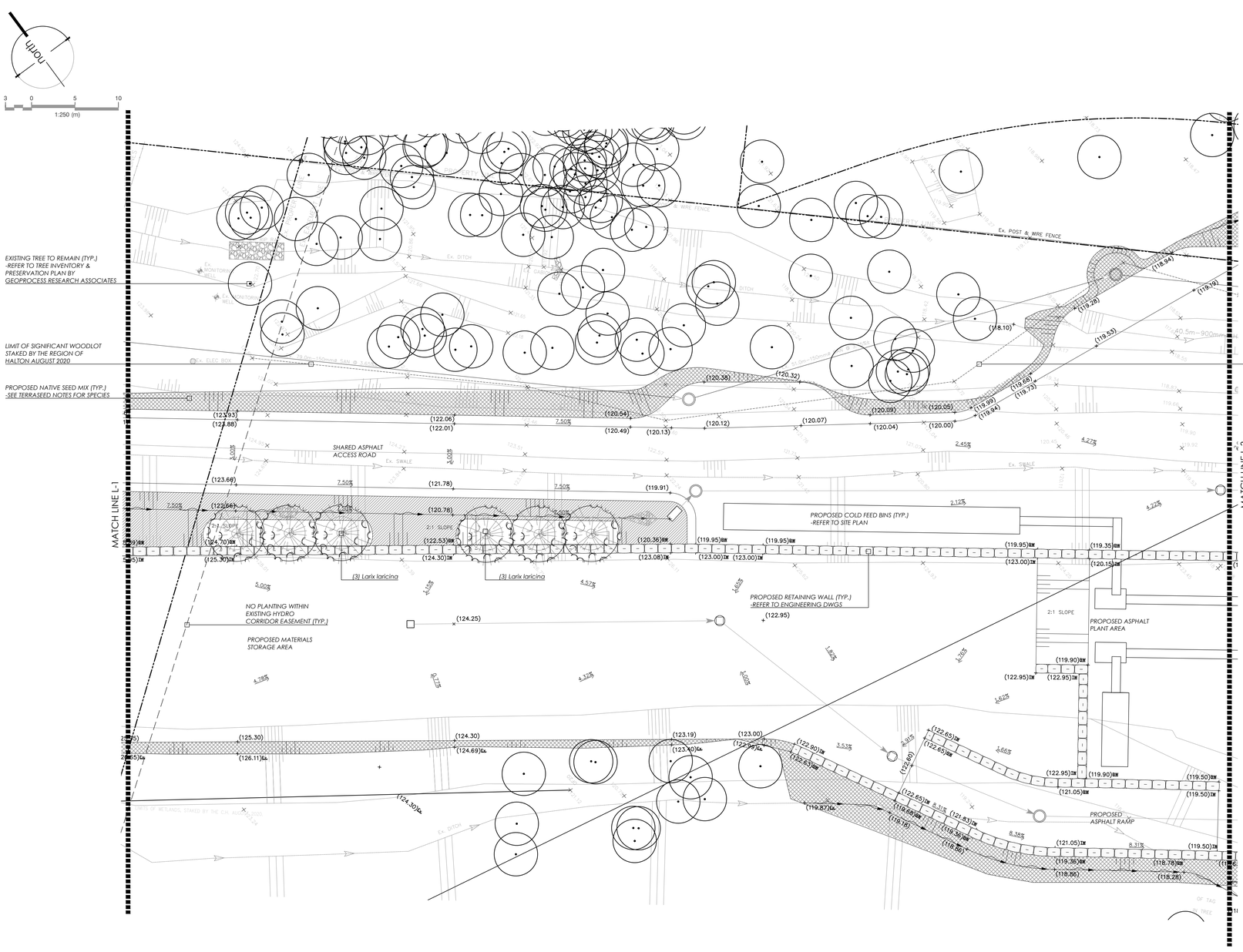
L-1

adesso design inc.
landscape architecture

218 Locke Street South, 2nd Floor
Hamilton, ON L8P 4B4
t. 905.526.8876
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LAST SAVED BY:Shannon A. Frisby, October 13, 2023 8:19 AM PLOTTED BY:Shaelagh Fryer, Friday, October 13, 2023 8:29:28 AM

project #: 21-310



PLANT SCHEDULE L-2

TREES	BOTANICAL NAME	COMMON NAME	SIZE	COND.	MATURE HT. (M)	MATURE SPR. (M)	O.C. (M)	REMARKS
6	Larix laricina	Tamarack	200cm Ht.	W.B.	8.0	8.0	As Shown	Native to Ontario

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4. It is the contractor's responsibility to determine existing service locations.
5. Exact locations of plant material will be determined by placement of site services such as hydro vaults, meters, utilities roof rain water leaders, driveways, light standards, etc.
6. All plant material locations to be staked or marked out and approved by Landscape Architect prior to installation.
7. Supply all plant material in accordance with the Canadian Standards for Nursery Stock (8th ed.).
8. Install plant material according to details shown.
9. Supply and place mulch in accordance with Canadian Landscape Standard (Section 10, Mulching). Disturbed soil areas around trees and shrubs are to be covered with shredded conifer bark mulch such as 'Cedar Bark Mulch' by All Treat Farms or 'Classic Cedar Mulch' by Gro-Bark, or approved equivalent. Alternative mulches must be approved by the Landscape Architect.
10. Contractor to utilize layout dimensions where provided
11. Provide planting bed area as noted on the drawing or to accommodate mature size of plant material.
12. All support systems must be removed by the contractor at time of final acceptance. No extras will be paid to complete this work
13. Supply and place topsoil in accordance with Canadian Landscape Standard (Section 4, Grading & Drainage and Section 6, Growing Medium) to a minimum depth of 150mm unless otherwise specified.
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TERRASEED NOTES:

1. Areas to be seeded with naturalization mix shall receive an application of naturalization seed at the rate of 25-30 kg/hectare or 2 kg/100m² for spot applications, in the following mixture:

Early Succession/Riparian Mix*	
Black Eyed Susan (Rudbeckia hirta)	5%
Blue Vervain (Verbena hastata)	10%
Canada Anemone (Anemone canadensis)	1%
Canada Goldenrod (Solidago canadensis)	4%
Little Bluestem (Schizachyrium scoparuim)	10%
Common Milkweed (Aeclepiasw syriaca)	5%
Fowl Bluegrass (Poa palustris)	25%
Meadow/Open Field Sedge (Carex granularis)	20%
New England Aster (Symphyotrichum novae-angliae)	1%
Path Rush (Juncus tenuis)	10%
Purple Stemmed Aster (Symphyotrichum puniceum)	1%
Virgins Bower (Clematis virginiana)	4&
Wild Bergamot (Monarda fistulosa)	4%

*apply with Annual Oats (Avena sativa) nursecrop at 22kg/hectare.

Supplied by:
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P: 1-519-586-9116
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KEY MAP - N.T.S.



LEGEND

- property line
- existing tree to remain
- proposed deciduous tree
- proposed coniferous tree
- proposed shrub
- existing elevation
- proposed elevation
- min. 150mm topsoil, fine grade & sod
- native seed mix (refer to terraseed notes)

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ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS MEMBER

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MUNICIPALITY
City of Burlington

PROJECT
King Paving & Construction
Proposed Asphalt Plant
291 North Service Road

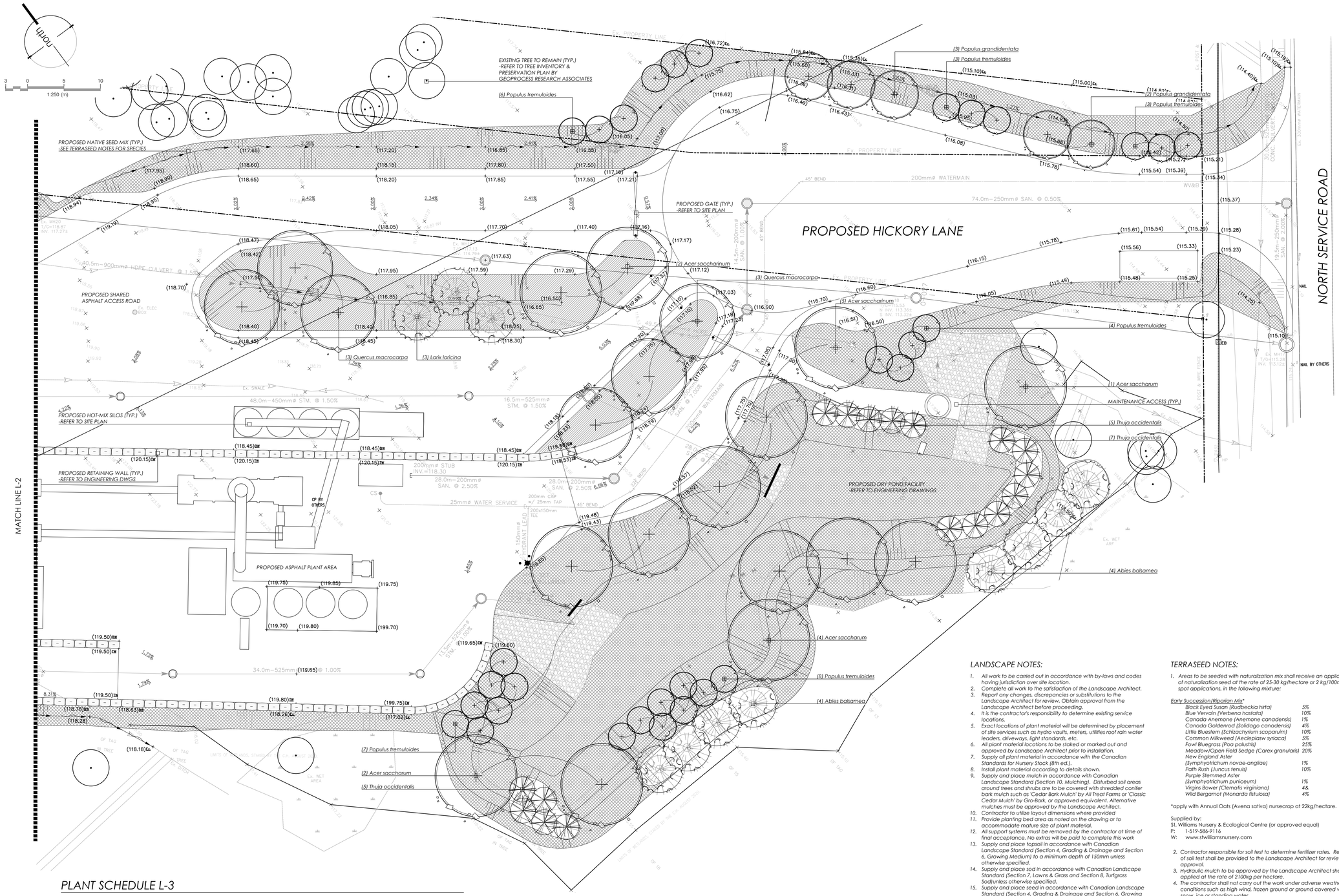
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Landscape Plan
L-2

adesso design inc.
landscape architecture
218 Locke Street South, 2nd Floor
Hamilton, ON L8P 4B4
t. 905.526.8876
www.adessodesigninc.ca

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project #: 21-310



PLANT SCHEDULE L-3

TREES	BOTANICAL NAME	COMMON NAME	SIZE	COND.	MATURE HT. (M)	MATURE SPR. (M)	O.C. (M)	REMARKS
8	Abies balsamea	Balsam Fir	200cm Ht.	W.B.	18.0	7.0	As Shown	Native to Ontario
7	Acer saccharinum	Silver Maple	50mm Cal.	W.B.	20.0	18.0	As Shown	Native to Ontario
7	Acer saccharum	Sugar Maple	50mm Cal.	W.B.	30.0	18.0	As Shown	Native to Ontario
3	Larix laricina	Tamarack	200cm Ht.	W.B.	8.0	8.0	As Shown	Native to Ontario
5	Populus grandidentata	Largetooth Aspen	50mm Cal.	W.B.	18.0	8.0	As Shown	Native to Ontario
31	Populus tremuloides	Trembling Aspen	50mm Cal.	W.B.	12.0	5.0	As Shown	Native to Ontario
6	Quercus macrocarpa	Burr Oak	50mm Cal.	W.B.	20.0	13.0	As Shown	Native to Ontario
17	Thuja occidentalis	Eastern White Cedar	180cm Ht.	W.B.	10.0	4.0	As Shown	Native to Ontario

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KEY MAP - N.T.S.



LEGEND

- property line
- existing tree to remain
- proposed deciduous tree
- proposed coniferous tree
- proposed shrub
- existing elevation
- proposed elevation
- min. 150mm topsoil, fine grade & sod
- native seed mix (refer to terraseed notes)

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CLIENT

MUNICIPALITY
City of Burlington

PROJECT
King Paving & Construction
Proposed Asphalt Plant
291 North Service Road

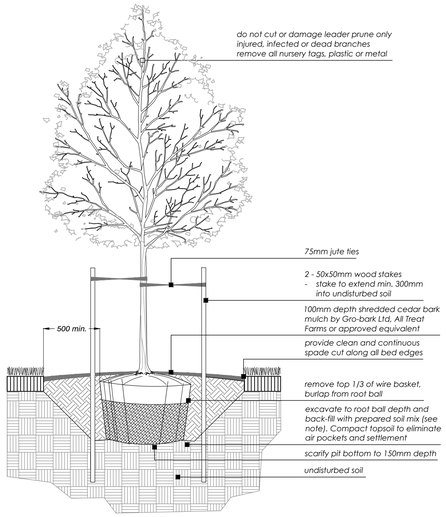
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SHEET
Landscape Plan
L-3

adesso design inc.
landscape architecture
218 Locke Street South, 2nd Floor
Hamilton, ON L8P 4B4
t. 905.526.8876
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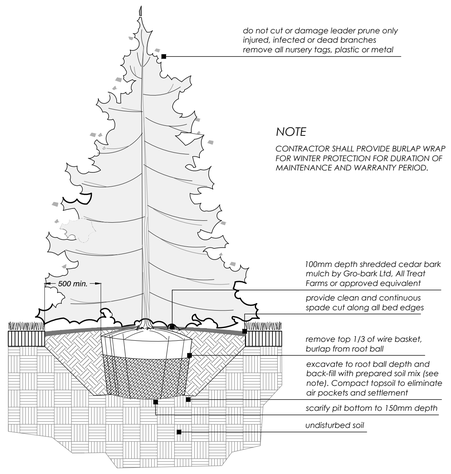
project #: 21-310



Balled & Burlapped/ Wire Basket Deciduous Tree

1
L-4

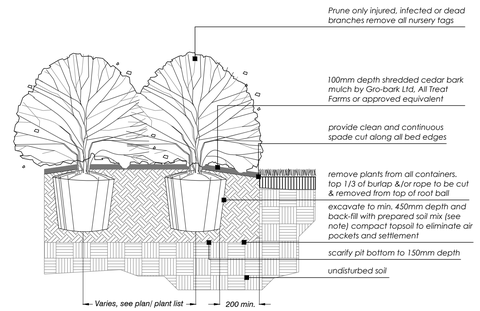
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Balled & Burlapped/ Wire Basket Coniferous Tree

3
L-4

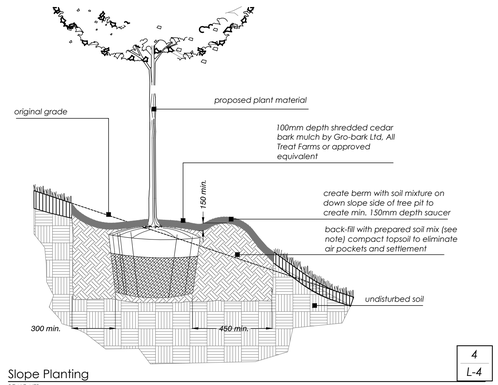
SCALE: NTS



Container Grown Shrub

3
L-4

SCALE: NTS



Slope Planting

4
L-4

SCALE: NTS

PLANTING NOTES:

1. *Soil mixture: four (4) parts native soil, one (1) part well rotted compost.If existing soil is not suitable provide triple mix topsoil or approved equal.*
2. *Saucer shall be soaked with water and mulched immediately following planting.*
3. *Massed shrubs shall be planted in continuous mulched beds unless otherwise noted.*
4. *Staking schedule:*
   < 30mm caliper size/ 2500mm ht. - one stake
   > 30mm caliper size/ 2500mm ht. - two stakes
   > 70mm caliper - three stakes
5. *All support systems must be removed once tree is established.*
6. *All trees to be straight and planted vertically regardless of slope.*
7. *Top of root flare shall be positioned 50mm above grade.*
8. The following depths of soil are required for planting:
   - 15cm topsoil for sod;
   - 30cm of topsoil for perennials;
   - 45cm of topsoil for shrubs;
   - 90cm of topsoil for trees

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ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS
MARIO PATITUCCI
OALA
MEMBER

CLIENT

MUNICIPALITY
City of Burlington

PROJECT
King Paving & Construction
Proposed Asphalt Plant
291 North Service Road

MUNICIPAL FILE NUMBER

SHEET
Details

L-4

adesso design inc.
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t. 905.526.8876
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REVIT Project Path:P:\2021\21-310 King Paving - Work Force Rd, Burlington\07 Current Drawings\21-310_King - LANDSCAPE - Planting Details
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