

KEY PLAN

Implement the following protection measures for retained trees, both on site and on adjacent sites, prior to any work activity, including tree removal. Maintain tree protection fence in place and in good condition for the duration of site works:

- the location of the tree protection fencing and detail it on any associated plans for the site (e.g. tree conservation report, tree disclosure report, etc.).
- 2. Under the guidance of a Landscape Architect or Certified Arborist, erect a fence at the critical root zone (CRZ) of trees. Diameter at breast height (DBH) is the trunk diameter measured at 1.3m height on the tree trunk. The CRZ is calculated as DBH x 10. Refer to the Tree Protection Fence
- 3. Refer to the Tree Protection Plan for fence location. City Forestry Staff are to approve both the plan and the installed fence prior to work commencement.
- 4. Do not place any material or equipment within 2m of the CRZ of any tree, including outhouses.
- 5. Do not attach any signs, notices, or posters to any tree. 6. Do not disturb, raise, or lower the existing grade within the
- 7. Only tunnel or bore when digging within the CRZ of a tree. Hand work only where required within the CRZ; absolutely no PLANTING
- 8. Do not damage the root system, trunk, or branches, or any
- 9. Do not extend hard surface or significantly change
- 10. Ensure that exhaust fumes from all equipment are directed
- 11. When trees marked for removal overlap with the CRZ of trees marked for preservation: cut roots at the edge of the CRZ and grind down stumps after tree removals, do not pull out
- 12. Prior to work taking place, notify and consult the Landscape Architect and City Forestry Staff if roots must be cut. Roots 20mm or larger should be cut at right angles with clean, sharp horticultural tools without tearing, crushing, or pulling. Refer to City of Ottawa Specification S.P. F-8011 Tree Protection,
- 13. If damaged or objectionable branches are observed, consult the Landscape Architect, before any work is conducted. Do not prune leaders. Do not prune more than 1/4 of crown.
- affected by site works, to the satisfaction of the Landscape
- 15. The Landscape Architect is to prescribe mitigation measures if the protected fenced area must be reduced to facilitate construction. Measures may include the placement of plywood, wood chips, or steel plating over the roots for protection. City Forestry Staff are to approve said measures
- 16. City of Ottawa By-law: Protects municipal trees and municipal natural areas in the City of Ottawa and trees on private property in the urban area of the City of Ottawa (2020-340). 9.

GENERAL

- Read and interpret this drawing/ drawing set in conjunction with all the contract details and specifications, including related civil, utility, structural, architectural, mechanical, electrical, environmental, geotechnical, and survey information.
- The Contractor is to determine the exact location, size, material, and elevation of all existing utilities prior to commencing construction. Protect and assume responsibility for all existing utilities regardless of being shown on the
- It is essential to use the plans and details in conjunction with the specifications and notes.
- Do not scale drawings. Work to dimensions only. Protect all existing and retained vegetation for the duration of construction according to the contract details and
- Reinstate all areas and items damaged or disturbed, beyond the Limit of Work, because of construction activities, including but not limited to construction staging areas, haul roads, stockpile areas, etc. to the satisfaction of the Consultant. Unless otherwise noted, Contractor is to reinstate all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.

specifications.

- Plant material to be No. 1 Grade and is to comply with Canadian Standards for Nursery Stock (latest edition) published by the Canadian Nursery Landscape Association.
- 2. Use structurally sound plant material with strong fibrous root system free of disease, defects, and injuries. Use trees with straight trunks, well and characteristically branched for species. Obtain approval from consultant of plant material at source prior to digging. All trees and shrubs to be container grown, potted, W/B or B/B, as indicated on Plant List. Bare root plants are only acceptable for certain species and as
- Plant material substitutions are not be permitted without the written approval from the Consultant, with 48 hours notice, prior to shipping plant material.

approved by the Landscape Architect.

- Plant locations are schematic / approximate only. **Contractor** is to stake out locations on site for approval by the Landscape Architect prior to installation.
- The illustrated number of plants shown in the Planting Plan supersedes the estimated number in the Plant List. Contractor to report any discrepancies to the Landscape Architect prior to installation. Contractor will assume full responsibility if the Landscape Architect is not notified. 6. Ensure trees are thoroughly watered following planting.
- Monitor material and ensure adequate moisture until 7. In heavy clay or poorly drained soils, set root ball with root
- collar 75-100mm higher than finished grade. Approved topsoil depths are as follows: a. Plant Beds - **450mm** continuous depth. Applies to
- shrubs, perennials, vines, and groundcovers. b. Sod/ Seed Areas - 100mm depth.
- Sod to be No. 1 Kentucky Bluegrass Sod grown from minimum mixture of 3 Kentucky Bluegrass cultivars. Quality and source are to comply with Canadian Standards for Nursery Stock, Section 17, (latest edition) published by the Canadian Nursery Landscape Nursery Landscape
- 10. Apply the following mineral fertilizer unless soil tests show other requirements:
- a. Plant Beds (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash per manufacturer specifications. b. Sod Areas - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash at a rate of 350kg/ha.

KEY	QTY	QTY BOTANICAL NAME COMMON NAME		SIZE	COND	SPACING	
Deciduo	us Tree	s					
ALE	2	Amelanchier laevis	Allegheny Serviceberry	45mm Cal	WB	As Shown	
ATH	6	Acer tataricum 'Hot Wings'	Hot Wings Tatarian Maple	50mm Cal	WB	As Shown	
CGZ	2	Crataegus crus-galli 'Cruzam'	Crusader Hawthorn	50mm Cal	WB	As Shown	
GBA	3	Ginkgo biloba 'Autumn Gold'	Autumn Gold Ginkgo	50mm Cal	WB	As Shown	
UNH	3	Ulmus x 'New Horizon'	New Horizon Elm	50mm Cal	al WB As Shown		
Coniferc	us Shr	ubs	•	•			
Mic	13	Microbiota decussata 'Prides'	Celtic Pride Siberian Cypress	50cm Spr	PT	As Shown	
Deciduo	us Shrı	ıbs	•				
Вхр	11	Betula x Plettkei 'Cesky Gold'	Cesky Gold Dwarf Birch	50cm Ht	PT	As Shown	
Fog	17	Fothergilla gardenii	Dwarf Fothergilla	50cm Ht	PT	As Shown	
Hpb	25	Hydrangea paniculata 'Bombshell'	Bombshell Hydrangea	50cm Ht	PT	As Shown	
Hpi	22	Hydrangea paniculata 'Ilvobo'	Bobo Dwarf Hydrangea	50cm Ht	PT	As Shown	
Hpk	1	Hydrangea paniculata 'Kyushu'	Kyushu Lacy White Hydrangea	80cm Ht	PT	As Shown	
Hyq	22	Hydrangea paniculata 'SMHPLQF'	Little Quick Fire Hydrangea	50cm Ht	PT	As Shown	
Poj	21	Physocarpus opulifolius 'JEFAM'	Amber Jubilee Ninebark			As Shown	
Rag	21	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	60cm Ht	PT	As Shown	
Sbg	18	Spiraea betulifoloia 'Glow Girl' (Tor Gold)	Glow Girl Birchleaf Spirea	60cm Ht	PT	As Shown	
Sjd	31	Spiraea japonica 'Double Play Candy Corn'	Double Play Candy Corn Spirea	50cm Ht	PT	As Shown	
Perennia	als						
hem	3	Hemerocallis 'Anzac'	Anzac Daylily	1g	PT	50cm O.C	
hem	3	Hemerocallis 'Big Time Happy'	Big Time Happy Daylily	1g	PT	50cm O.C	
hem	3	Hemerocallis 'Bonanza'	Bonanza Daylily	1g	PT	50cm O.C	
hem	3	Hemerocallis 'Going Bananas'	Going Bananas Daylily	1g	PT	50cm O.C	
hbi	46	Hosta 'Blue Ivory'	Blue Ivory Hosta	1g	PT	70cm O.C	
hsg	72	Hosta sieboldiana 'Great Expectations'	Great Expectations Hosta	1g	PT	70cm O.C	
lsk	12	Liatris spicata 'Kobold'	Dwarf Gayfeather	1g	PT	50cm O.C	
Orname	ntal Gra	isses					
ckf	19	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1g	PT		
cam	13	Calamagrostis acutiflora 'Overdam'	Overdam Feather Reed Grass	1g	PT	T As Shown	
dcg	39	Deschampsia cespitosa 'Goldtau'	Gold Dew Tufted Hair Grass	1g	1g PT As Shown		
eas	14	Elymus arenarius	Blue Lyme Grass	1g	PT	As Shown	
her	17	Helictotrichon sempervirens 'Saphirsprudel'	Sapphire Blue Oat Grass	2g	PT	As Shown	

THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT

DATE REVISION

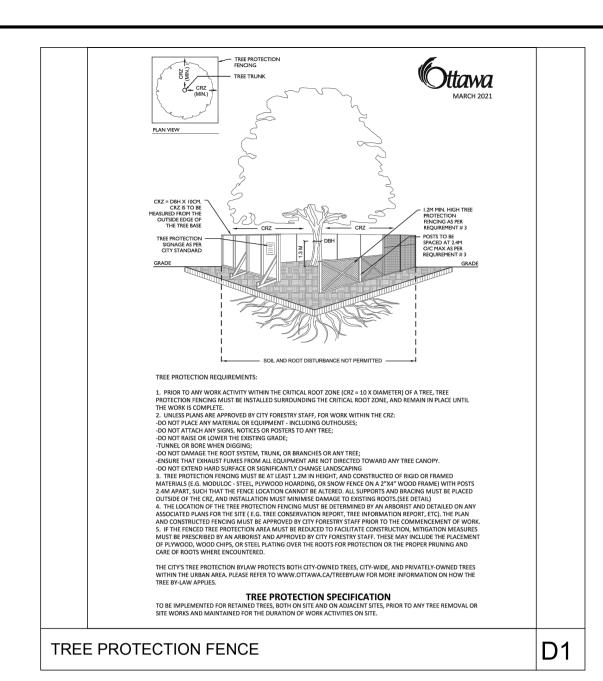
CITY OF OTTAWA Suite 200, 240 Michael Cowpland Drive

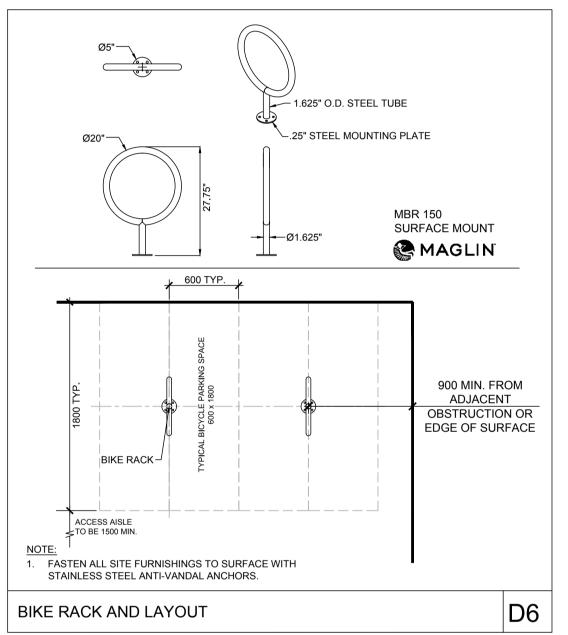
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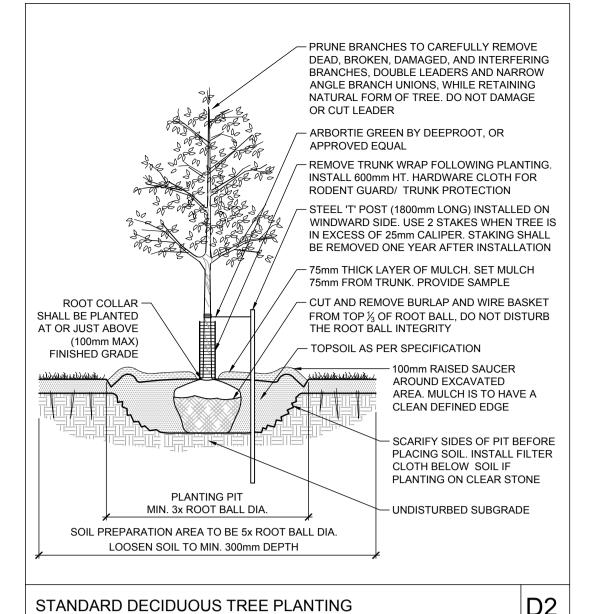
LANDSCAPE PLAN

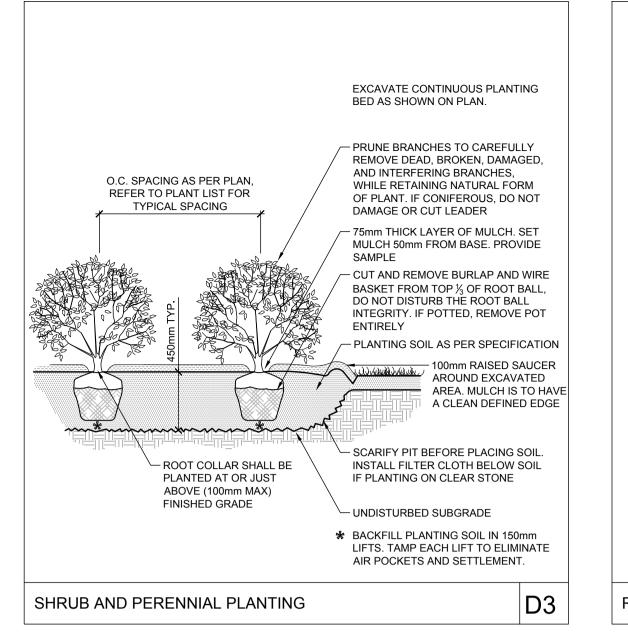
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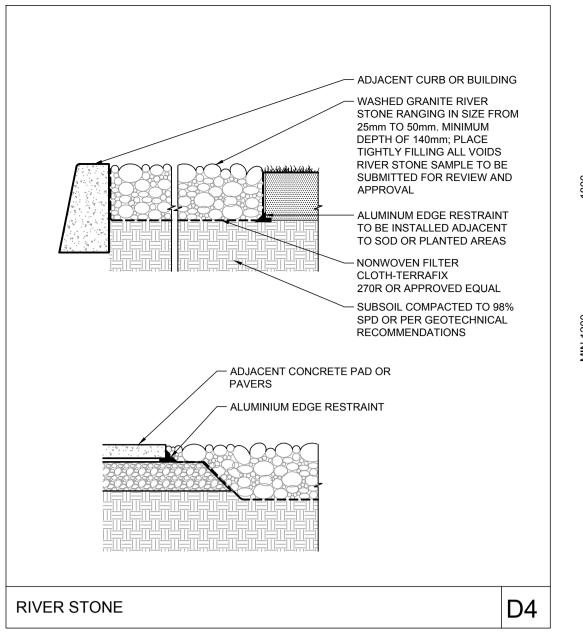
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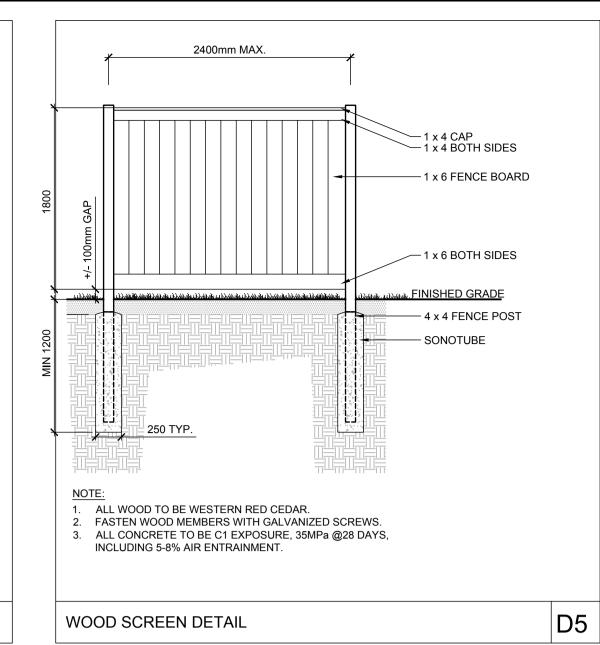












APPROVED

By Adam Brown at 11:58 am, Aug 29, 2023

AZ

ADAM BROWN

MANAGER, DEVELOPMENT REVIEW - RURAL

PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT

DEPARTMENT, CITY OF OTTAWA

NOTE:
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WATERMAINS, SEWERS AND OTHER
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STRUCTURES IS NOT NECESSARILY SHOWN ON
THE CONTRACT DRAWINGS, AND WHERE SHOWN,
THE ACCURACY OF THE POSITION OF SUCH
UTILITIES AND STRUCTURES IS NOT GUARANTEED.
BEFORE STARTING WORK, DETERMINE THE EXACT
LOCATION OF ALL SUCH UTILITIES AND
STRUCTURES AND ASSUME ALL LIABILITY FOR

DAMAGE TO THEM.

OWNER INFORMATION
NIVO DEVELOPMENTS INC.
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PHONE: (613) 880-2274

EMAIL: anthony@arkconstruction.ca

NOT FOR CONSTRUCTION

				SCALE	DESIGN		
						MEL	
					CHECKED		
						RGJ	
					DRAWN		
					-	MEL	
3.	REVISED PER CITY COMMENTS	MAR 23/23	RGJ		CHECKED		
2.	REVISED PER CITY COMMENTS	DEC 22/22	RGJ			RGJ	
1.	ISSUED FOR SITE PLAN APPROVAL	JUL 15/22	RGJ		APPROVED		
No.	REVISION	DATE	BY			RGJ	

FOR REVIEW ONLY

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www.novatech-eng.com

Website

LOCATION
CITY OF OTTAWA
1185 BEAVERWOOD ROAD

DRAWING NAME

DETAILS

TECT No. 121184

REV # 3

NING No. 121184-L27-014

REV # 3

