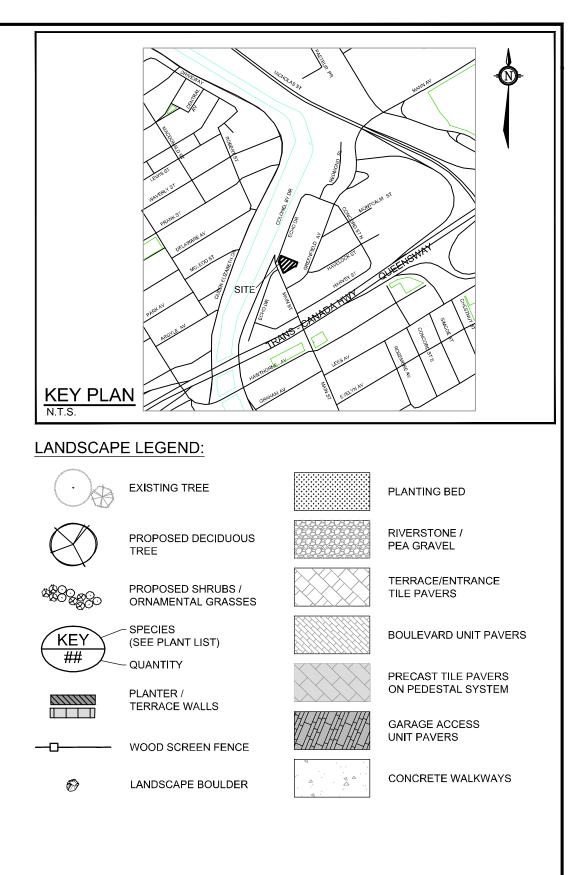


LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

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OR	5.	ISSUED FOR SITE PLAN CONTROL	JUL 13/18	sc	1:150		
	4.	ISSUED FOR PRICING	APR 30/18	SC			
	3.	ISSUED FOR REVIEW - PLANTER REVISIONS	MAR 20/18	SC	1:150	CHECKED	
	2.	REVISED AS PER CITY COMMENTS	MAR 2/18	SC	0 2 4 6	sc	
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	No.	REVISION	DATE	BY		RGJ	



REFUSED APPROVED THIS _____ DAY OF _____, 20____

DOUGLAS JAMES, MCIP, RPP, MANAGER DEVELOPMENT REVIEW CENTRAL, PLANNING, INFRASTRUCTURE AND ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

115105-00

REV #5

REVIEW ONLY





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LOCATION CITY OF OTTAWA 115 ECHO DRIVE DRAWING NAME

LAYOUT & SURFACING PLAN

115105-L1

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		FYISTIN	G BUILDING		
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115105 - PLANT LIST KEY QTY. BOTANICAL NAME DECIDUOUS TREES		SIZE COND. SPACING			
GTS 6 Gleditsia triacanthos var. inermis 'Sunburst' AXA 6 Amelanchier x grandiflora'Autumn Brilliance' DECIDUOUS SHRUBS	Sunburst Honeylocust Autumn Brilliance Serviceberry	50mm CalWBAS SHOWN50mm CalWBAS SHOWN			
Pop16Physocarpus opulifolius 'Podaras 1'CONIFEROUS SHRUBSJhb3Juniperus horizontalis 'Bar Harbour'Jsm6Juniperus scopulorum 'Medora'Jsb25Juniperus squamata 'Blue Carpet''	Gumdrop Burgundy Candy Ninebark Bar Harbour Juniper Medora, Juniper	50cm Ht PT As Shown 40cm Spr PT AS SHOWN 175cm Ht VAR AS SHOVAN			
Jsm 6 Juniperus scopulorum 'Medora' Jsb 25 Juniperus squamata 'Blue Carpet'' PERENNIALS, GRASSES caa 48 Calamagrostis x acutifolia ' Avalanche' hrs 25 Hemerocallis ' Ruby Stella' hpe 171 Heuchera micrantha 'Palace Purple'	Medora Juniper Blue Carpet Juniper Avalanche Reed Grass	175cm Ht WB AS SHOWN 40cm Spr PT AS SHOWN Image: state of the s			
OFF hrs 25 Hemerocallis ' Ruby Stella' hpe 171 Heuchera micrantha 'Palace Purple' pvh 25 Panicum virgatum 'Heavy Metal' pvs 58 Panicum virgatum 'Spanandrah'	Ruby Stella Daylily Palace Purple Coral Bells Heavy Metal Switch Grass Shenandnah Switch Grass	1g /2nd yr PT 30cm O.C 1g /2nd yr PT 30cm O.C 1g /2nd yr PT 60cm O.C			
NOTE: NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND LITUITIES A	Shenandoah Switch Grass Prairie Blues Blue Stem	1g /2nd yr PT 60cm O.C 1g /2nd yr PT 45cm O.C			
	N, ED.				FOR RUCTION
THE CONTRACT DRAWINGS, AND WHERE SHOW THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTED BEFORE STARTING WORK, DETERMINE THE EXA LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.					



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5.	ISSUED FOR SITE PLAN CONTROL	JUL 13/18	SC	1:150		
4.	ISSUED FOR PRICING	APR 30/18	SC		ML	
3.	ISSUED FOR REVIEW - PLANTER REVISIONS	MAR 20/18	SC	1:150		
2.	REVISED AS PER CITY COMMENTS	MAR 2/18	SC	0 2 4 6	sc	
1.	ISSUED FOR SPA	NOV 1/17	SC		APPROVED	
No.	REVISION	DATE	BY		RGJ	

- PRUNE BRANCHES TO CAREFULLY REMOVE DEAD, BROKEN, DAMAGED, AND INTERFERING BRANCHES, DOUBLE LEADERS AND NARROW ANGLE BRANCH UNIONS, WHILE RETAINING NATURAL FORM OF TREE. DO NOT DAMAGE OR CUT LEADER

- ARBORTIE GREEN BY DEEPROOT, OR APPROVED EQUAL

 REMOVE TRUNK WRAP FOLLOWING PLANTING. INSTALL 600mm HT. HARDWARE CLOTH FOR RODENT GUARD/ TRUNK PROTECTION
 STEEL 'T' POST (1800mm LONG) INSTALLED ON WINDWARD SIDE. USE 2 STAKES WHEN TREE IS IN EXCESS OF 25mm CALIPER. STAKING SHALL

BE REMOVED ONE YEAR AFTER INSTALLATION - 75mm THICK LAYER OF MULCH. SET MULCH 75mm FROM TRUNK. PROVIDE SAMPLE - CUT AND REMOVE BURLAP AND WIRE BASKET

FROM TOP ½ OF ROOT BALL, DO NOT DISTURB THE ROOT BALL INTEGRITY - TOPSOIL AS PER SPECIFICATION

100mm RAISED SAUCER AROUND EXCAVATED AREA. MULCH IS TO HAVE A CLEAN DEFINED EDGE SCARIFY SIDES OF PIT BEFORE PLACING SOIL. INSTALL FILTER CLOTH BELOW SOIL IF PLANTING ON CLEAR STONE

UNDISTURBED SUBGRADE

EXCAVATE CONTINUOUS PLANTING BED AS SHOWN ON PLAN.

 PRUNE BRANCHES TO CAREFULLY REMOVE DEAD, BROKEN, DAMAGED, AND INTERFERING BRANCHES, WHILE RETAINING NATURAL FORM OF PLANT. IF CONIFEROUS, DO NOT DAMAGE OR CUT LEADER

 75mm THICK LAYER OF MULCH. SET MULCH 50mm FROM BASE. PROVIDE SAMPLE
 CUT AND REMOVE BURLAP AND WIRE

BASKET FROM TOP ¹/₃ OF ROOT BALL, DO NOT DISTURB THE ROOT BALL INTEGRITY. IF POTTED, REMOVE POT ENTIRELY

- PLANTING SOIL AS PER SPECIFICATION

AROUND EXCAVATED AREA. MULCH IS TO HAVE A CLEAN DEFINED EDGE

- SCARIFY PIT BEFORE PLACING SOIL. INSTALL FILTER CLOTH BELOW SOIL IF PLANTING ON CLEAR STONE

UNDISTURBED SUBGRADE

BACKFILL PLANTING SOIL IN 150mm LIFTS. TAMP EACH LIFT TO ELIMINATE AIR POCKETS AND SETTLEMENT.

> 75mm SHREDDED PINE BARK MULCH, ALL TREAT FARMS OR APPROVED EQUAL.
> MAINTAIN ORIGINAL GRADE OF SGRUB BASE AFTER PLANTING OR SLIGHTLY HIGHER TO SUIT SITE SOIL CONDITIONS.

CONDITIONS. - 100mm DEEP, 600mm DIA. SAUCER - CUT AND REMOVE BURLAP FROM TOP 1/3 OF ROOT BALL OR REMOVE ENTRE FIBRE POT.

PLANTING SOIL:
 6 PARTS GOOD QUALITY TOPSOIL
 2 PARTS WELL ROTTED HORSE OR
 COW MANURE
 1 PART PEAT MOSS
 1 LB. BONEMEAL PER CUBIC YARD SOIL

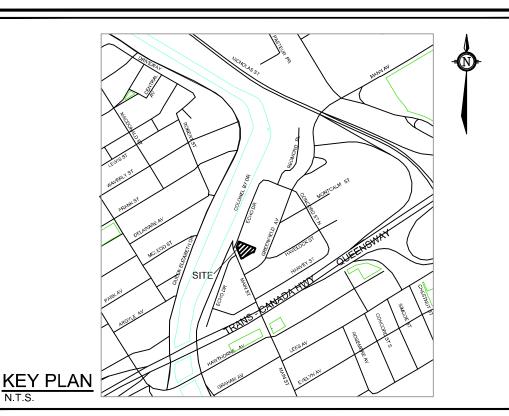
100mm (19mm) CLEAR CRUSHED STONE

- FILTER CLOTH

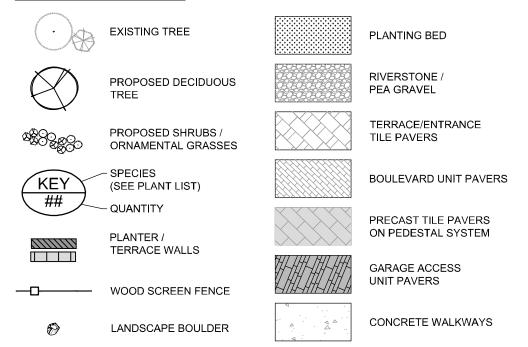
 CONCRETE SLAB WITH PROTECTION BOARD AND MEMBRANE (BY OTHERS)
 NOTES:
 PRUNING - TO SUIT SPECIES - PRUNE BRANCHES BY 1/3 TO REMOVE DAMAGED OR OBJECTIONABLE BRANCHES FOLLOW-ING PROPER HORTICULTUREL PRACTICE. DO NOT PRUNE LEADERS.

SOIL MIXTURE SHOULD BE FIRMLY COMPACTED TO ELIMINATE AIR POCKETS OR PREVENT SETTLEMENT. FOR BARE ROOT SET PLANT AT ORIGINAL DEPTH OR SLIGHTLY HIGHER AND SPREAD OUT ROOTS, GENTLY BACK FILL WITH SOIL MIX IN LAYERS, WORKING SOIL BETWEEN ROOTS. FIRM SOIL, WATER WELL UPON COMPLETION.

THIS DETAIL DOES NOT REPRESENT ANY PARTICULAR SPECIES.



LANDSCAPE LEGEND:



PLANTING NOTES

- This drawing shall be read in conjunction with all relevant Architectural, Engineering, and related drawings and documents.
- Refer to Engineering Drawings for Grading. Provide drainage as indicated in grading plan. Round all tops and toes of slopes, smoothly. Compact all areas to 95% Standard Proctor Density unless otherwise noted.
- Refer to Architectural Drawings for site layout.
 Refer to Engineering Drawings for site servicing.
- Contractor must contact utility companies for locates prior to excavation or planting.
 It is essential to use the plans and details in conjunction with the specifications and notes. Some or all the notes may not apply to the special requirements of a plant species or a
- 7. Existing trees to be retained shall be protected according to the contract detail and specifications.
- specifications.
 Plant material shall be No. 1 Grade and shall comply with Canadian Standards for Nursery Stock (latest edition) published by the Canadian Nursery Landscape Association.
 Use plant material with strong fibrous root system free of disease, defects or injuries, and
- Structurally sound. 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 shall be container grown, potted, W/B or B/B, as indicated on Plant List. Bare root planting will only be acceptable for certain species and as approved by the Landscape Architect.
- Plant material substitutions shall not be permitted without the written approval from the consultant, with 48 hours notice, prior to shipping plant material.
 Plant locations are schematic / approximate only. Contractor shall 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
- 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.
 12. Shrubs, Perennials, Vines, and Groundcovers shall be planted in a continuous planting bed
- of **600mm** depth with approved topsoil covered with **75mm** depth shredded bark mulch. 13. Ensure trees are thoroughly watered following planting. Monitor material and ensure
- adequate moisture until acceptance.14. In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade.
- 15. Trees in raised planters shall be set on a bed of heavily compacted growing medium, at the bottom, to eliminate settlement. Backfill around the root ball with growing medium in 150mm lifts. Tamp and water each lift to eliminate air pockets or settlement. Growing medium to be 80% commercial screened topsoil, 10% peat moss or compost, and 10% perlite. Top of the planter shall be covered with 75mm of shredded bark mulch.
- 16. Sod and/or seed areas to receive 150mm depth topsoil as specified. Sod shall be No. 1 Kentucky Bluegrass Sod grown from minimum mixture of 3 Kentucky Bluegrass cultivars. Quality and source shall comply with Canadian Standards for Nursery Stock, Section 17, (latest edition) published by the Canadian Nursery Landscape Nursery Landscape Association. Unless otherwise specified, turf is to be maintained by the contractor until a contractor until a contractor until a
- second cutting is accepted by the Landscape Architect.
 17. Apply the following mineral fertilizer unless soil tests show other requirements: Sodded areas (8-32-16) 8% Nitrogen, 32% Phosphorus, 16% Potash at a rate of 350kg/ha. Planting Beds (8-32-16) 8% Nitrogen, 32% Phosphorus, 16% Potash as per manufacturer specifications.
- 18. Reinstate all areas damaged or disturbed beyond the Limit of Work.

APPROVED C REFUSED C

DOUGLAS JAMES, MCIP, RPP, MANAGER DEVELOPMENT REVIEW CENTRAL, PLANNING, INFRASTRUCTURE AND ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

OR REVIEW ONLY

DOF LANDS PHONE JAMES CAPTOR CONTRACTOR JUL 13 10 JUL 10 JUL 13 10 JUL



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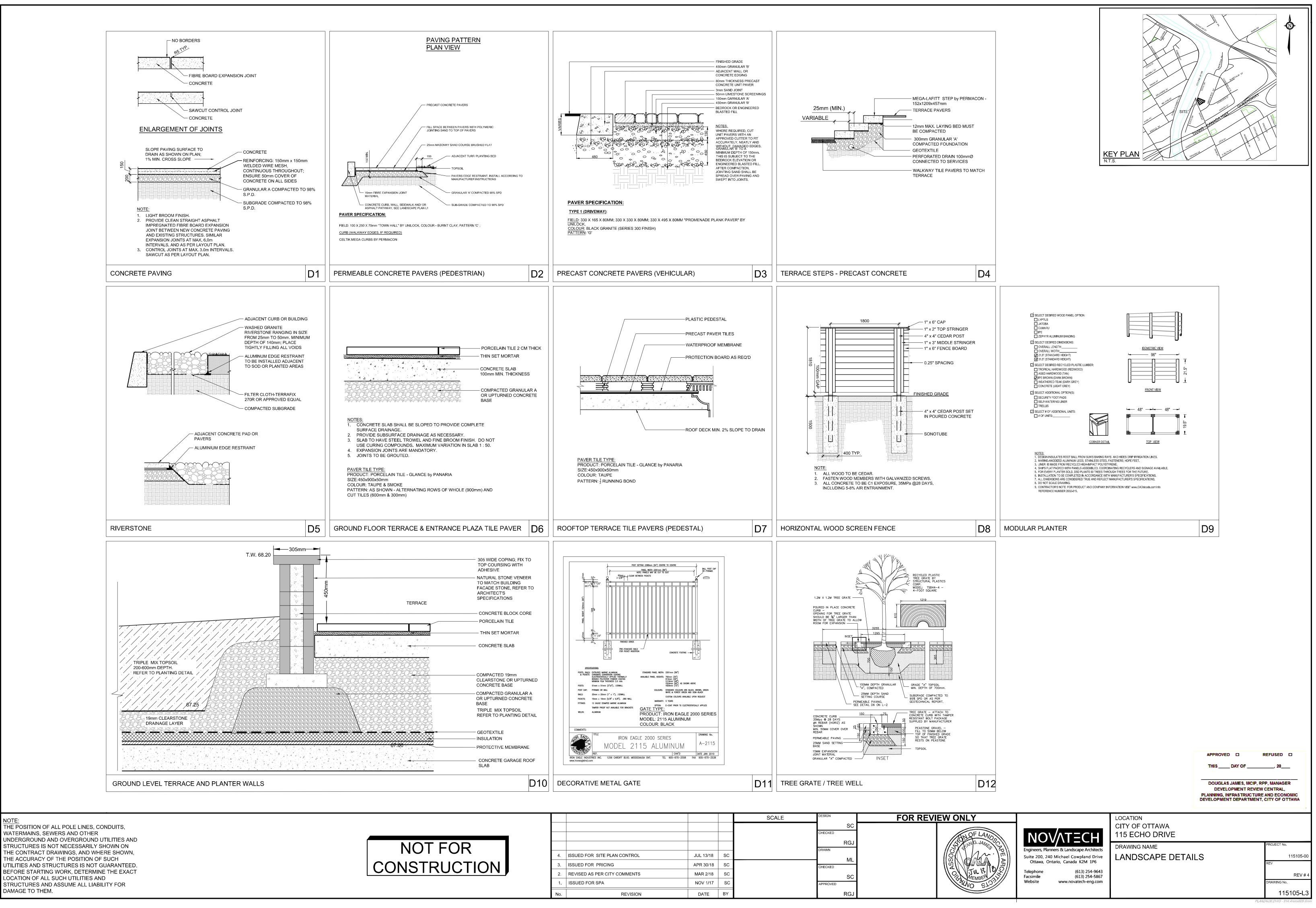
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Architects and Drive M 1P6 115 ECHO DRIVE DRAWING NAME PLANTING PLAN

LOCATION

CITY OF OTTAWA

PROJECT No.	
	115105-00
REV	
	REV #5
DRAWING No.	
115	5105-L2



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