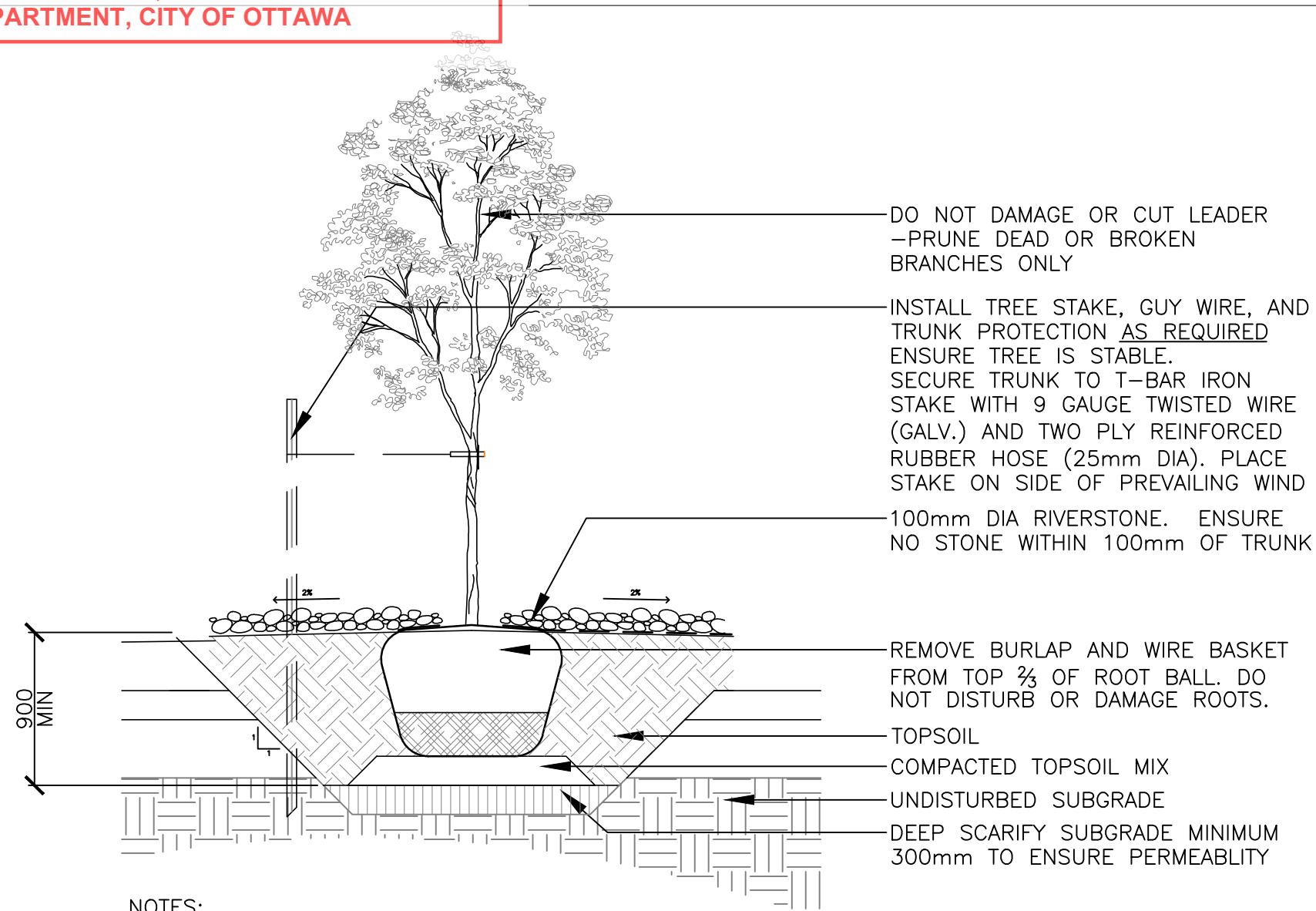


[Signature]

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, DEVELOPMENT, AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

APPROVED

By Lily Xu at 3:25 pm, Jun 05, 2025

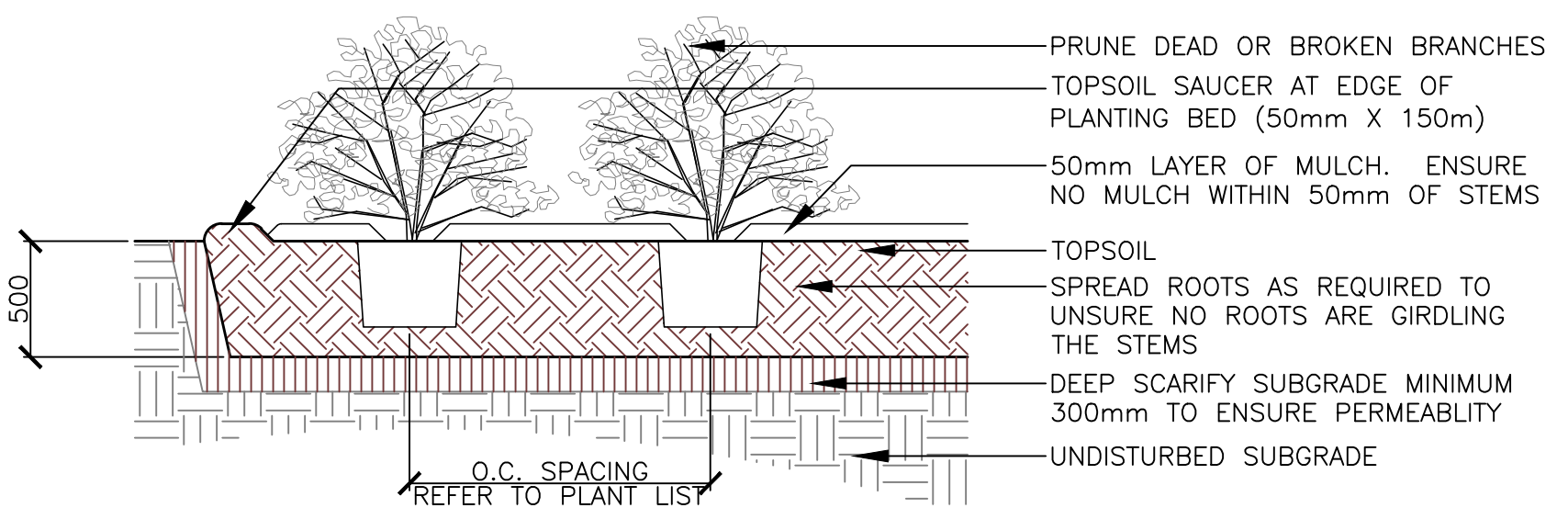


NOTES:

- TREE STAKES ARE GENERALLY ARE TO BE USED FOR CONDITIONS WHERE THE INSTALLED TREE IS UNSTABLE AND/OR BECOMES UNSTABLE
- ALLOW 10mm TO 25mm SLACK ON GUY WIRE SUPPORT FOR TREE
- BACK OF CURB CONDITION IS TYPICAL
- TOP OF ROOT BALL TO RETAIN SAME ELEVATION AS GROWING CONDITIONS
- REMOVE STAKES ONE YEAR AFTER INSTALL
- INSTALL STAKE BEYOND EDGE OF ROOT BALL

1 TREE PLANTING

Scale: 1:30

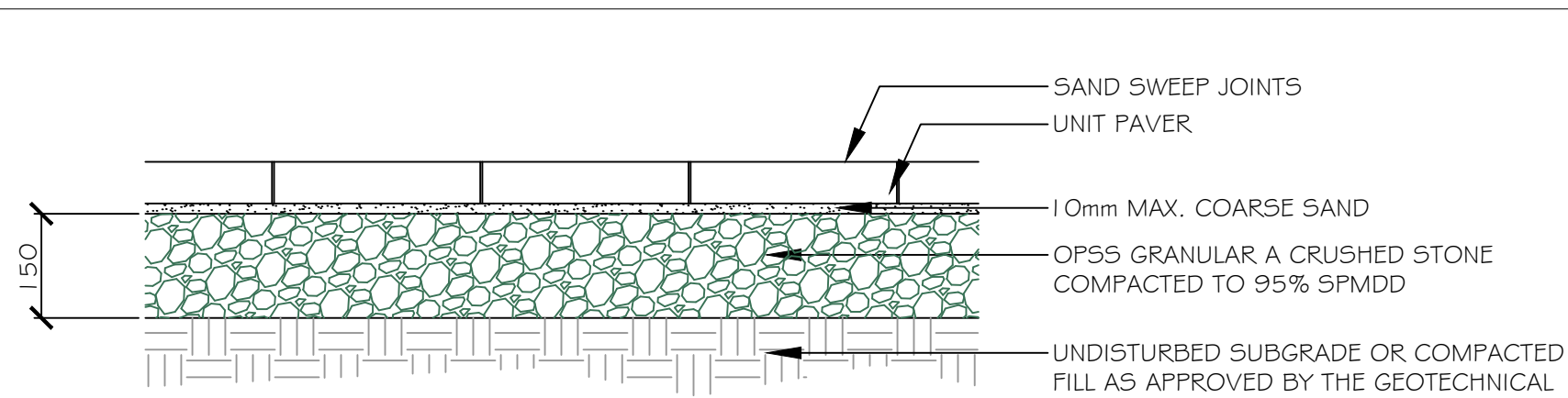


NOTES:

- TOP OF ROOT BALL TO RETAIN SAME ELEVATION AS GROWING CONDITIONS

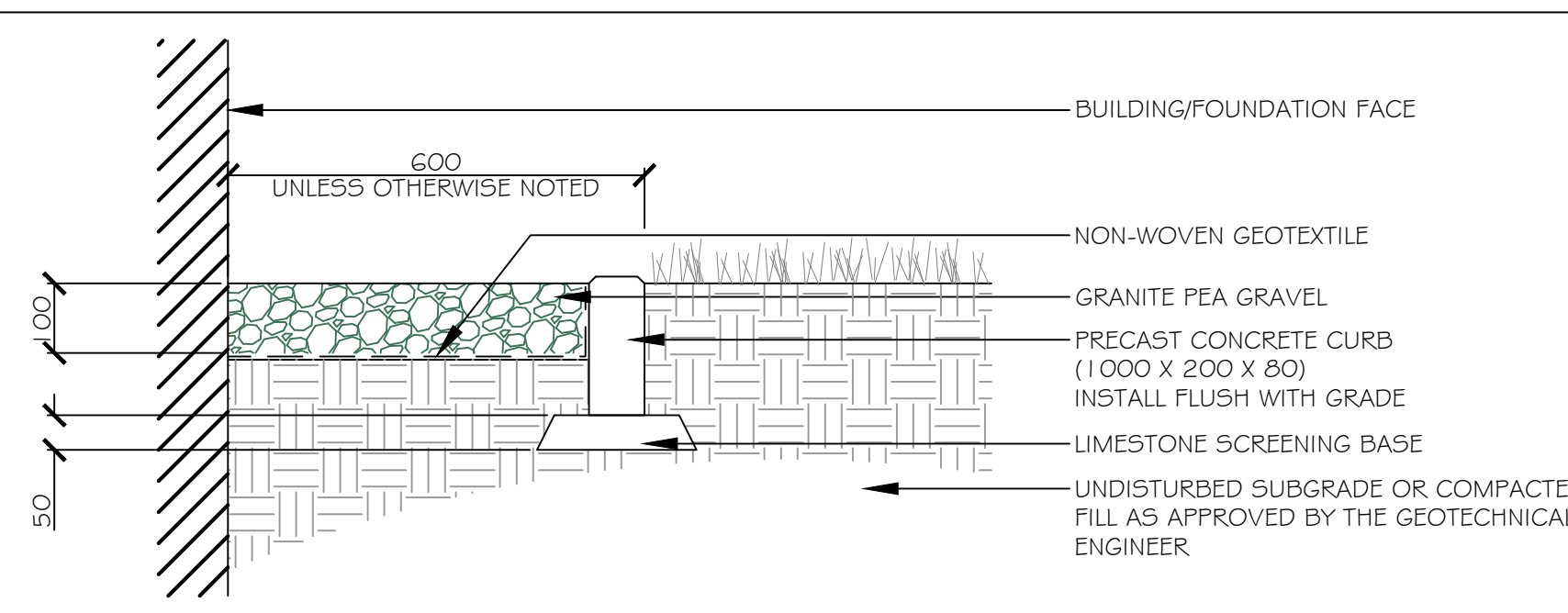
2 SHRUB PLANTING

Scale: 1:30



3 UNIT PAVER

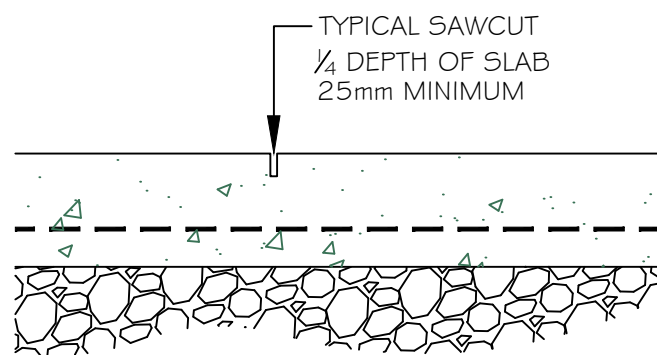
Scale: 1:100



4 MAINTENANCE STRIP

Scale: 1:100

CONTROL JOINT (CJ)



NOTES:

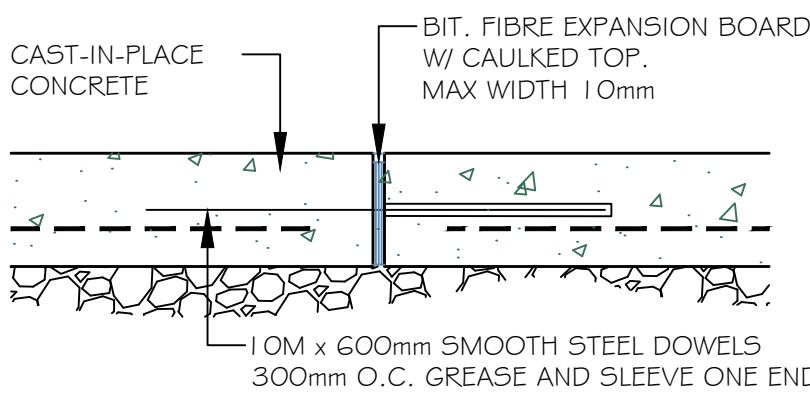
- REFER TO DRAWINGS FOR JOINT LAYOUT
- SAWCUT WITHIN 48 HOURS OF POUR
- NO TOOLED EDGES

5

concrete joints

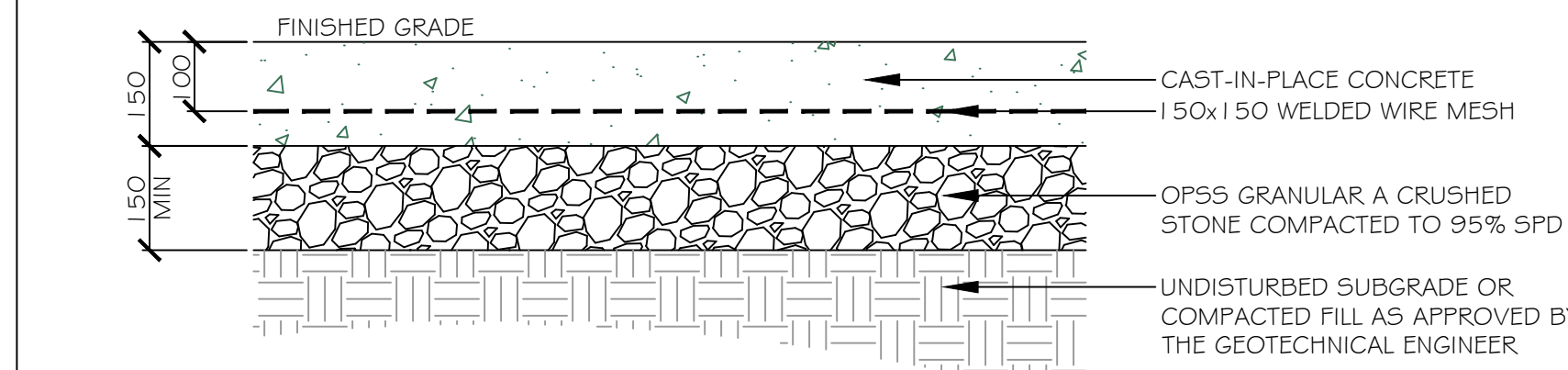
Scale: 1:100

EXPANSION JOINT (EJ)



NOTES:

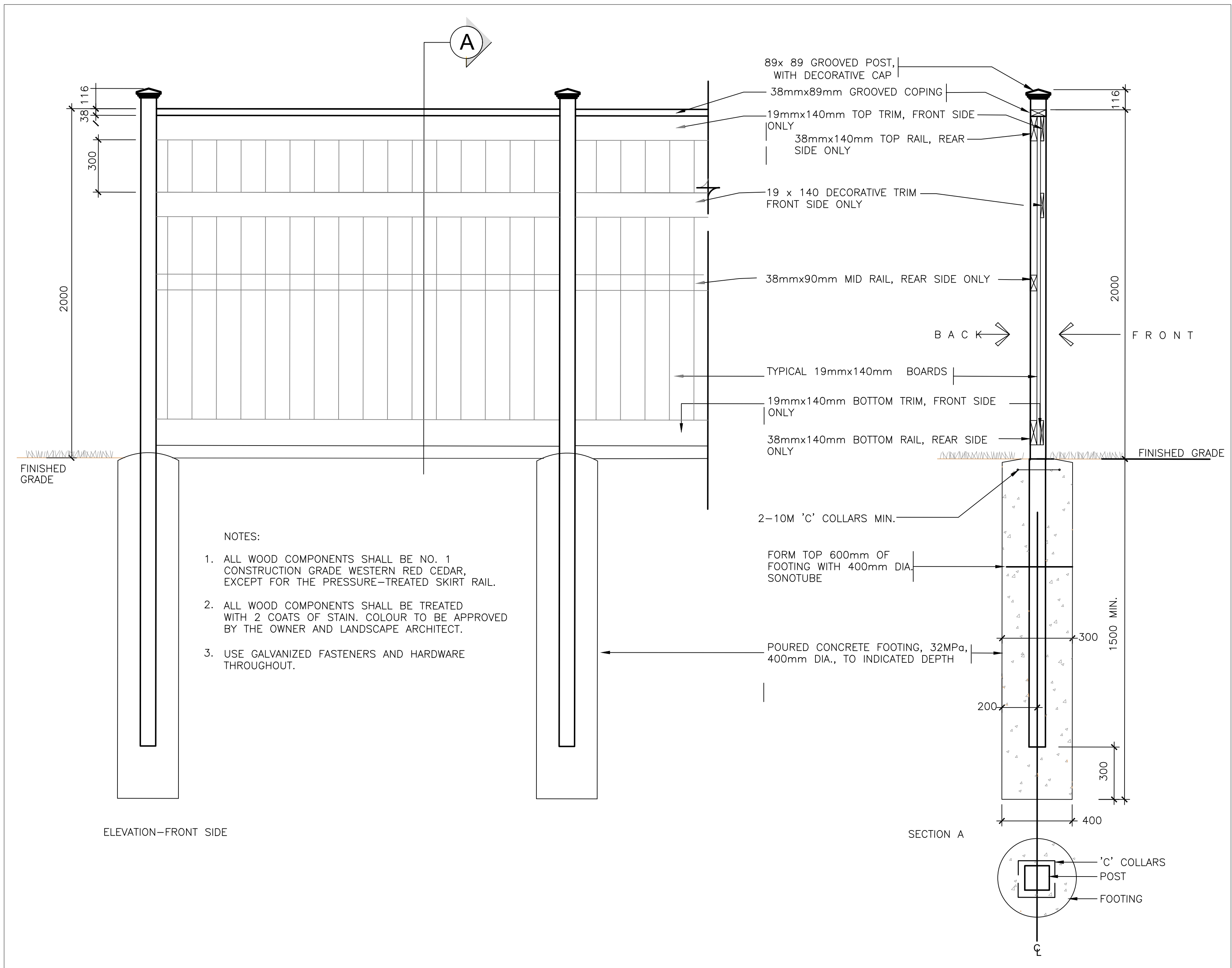
- REFER TO DRAWINGS FOR JOINT LAYOUT
- ALL STEEL DOWELS TO BE EPOXY - COATED
- NO TOOLED EDGES



6

concrete paving

Scale: 1:100



7

PRIVACY FENCE

Scale: 1:100

Urbantypology

UNIT 10-163 STERLING ROAD
TORONTO, ON, CANADA M6R 2B2
PH: 437-700-3446

UNIT 101-45 SPENCER STREET
OTTAWA, ON, CANADA K1S 4N7
PH: 613-867-3042 / 613-897-1237

ARCHITECTS
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190 O'Connor Street, Suite 100
OTTAWA, ON, CANADA K2P 2R3

WITH
STRUCTURAL ENGINEER
CLELAND JARDINE
580 Terry Fox Drive
KANATA, ON, CANADA K2L 4B9

MECHANICAL & ELECTRICAL ENGINEER
QUASAR CONSULTING GROUP
180 Isabella Street, Suite 400
OTTAWA, ON, CANADA K1S 5H3

CIVIL ENGINEER
EGIS GROUP
115 Wadsworth Road
R.R. 3 CARP, ON, CANADA K0A 1L0

FOR



1011 Polytek Street
OTTAWA, ON, CANADA K1J 9J3
PH: 613-744-8846

PREPARED IN COORDINATION WITH
GEOTECHNICAL REPORT PREPARED
BY PATERSON GROUP



5	REISSUED FOR REVIEW	MAY 23, 25
4	REISSUED FOR REVIEW	APR 14, 25
3	REISSUED FOR REVIEW	FEB 13, 25
2	REISSUED FOR REVIEW	FEB 07, 25
1	ISSUED FOR SPA	DEC 12, 24

NO.: REVISION: DATE:

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• VERIFY LOCATION OF ALL UNDERGROUND SERVICES AND UTILITIES WITH RESPECTIVE AUTHORITIES PRIOR TO COMMENCEMENT OF WORK.

PROJECT:

GASTOPS

LOCATION:
3700 Twin Falls Place
Ottawa, Ontario, Canada

DRAWN: MC START DATE:
CHECKED: LM NOV 2024

DRAWING:
Gastops HQ
Landscape Details

SCALE: - PAGE SIZE: 24X36

PLAN #: 19226

NORTH: SHEET NO.:

L 1.2

D07-12-24-0170

By Lily Xu at 3:25 pm, Jun 05, 2025

LILY XU, MCIP, RPP

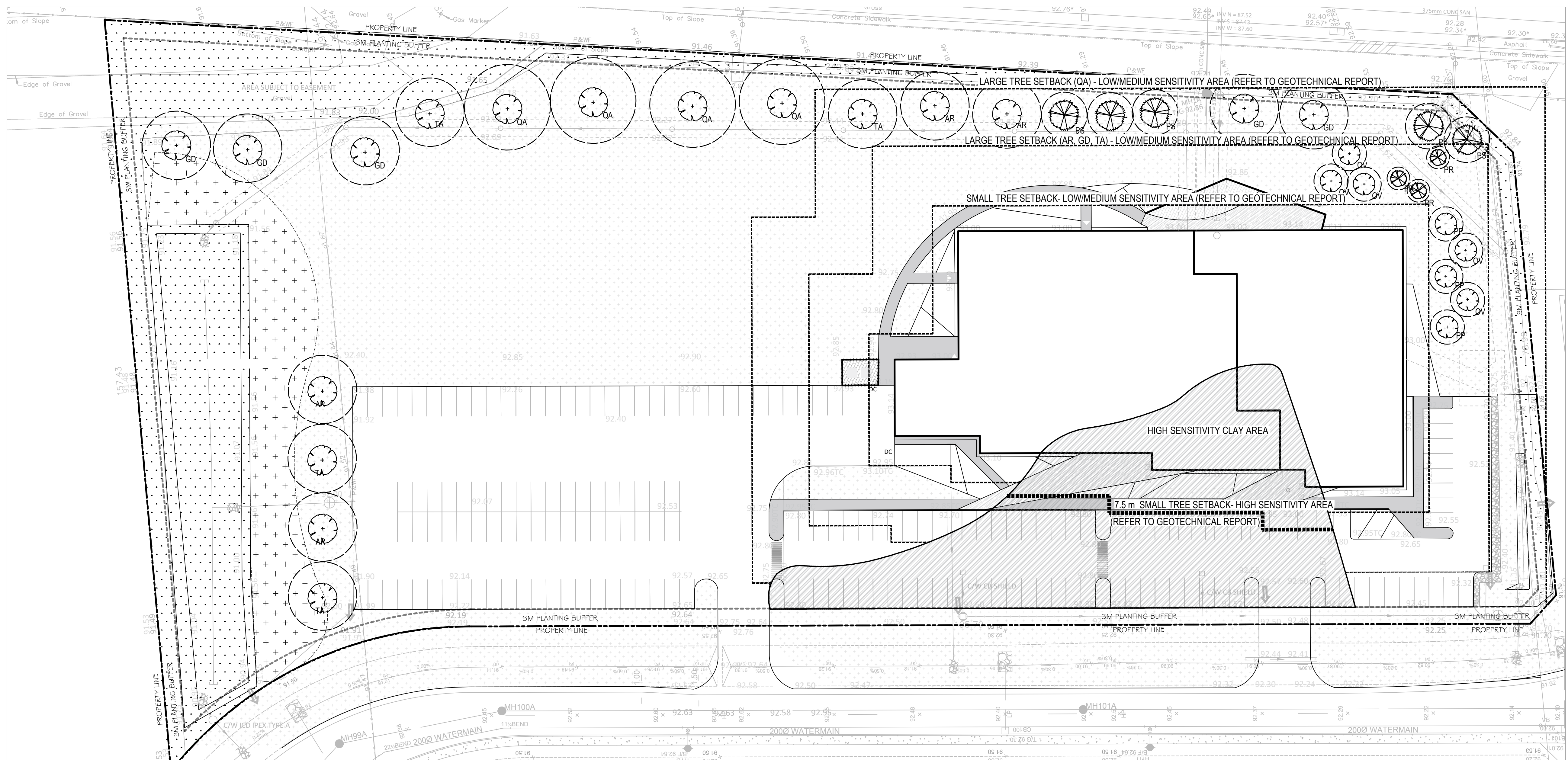
**MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, DEVELOPMENT, AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA**

TOTAL SITE AREA (HECTARES)*	40 YEAR TREE CANOPY AREA (HECTARES)	ESTIMATED 40 YEAR TREE CANOPY % OF TOTAL SITE (0.27/2.7 x 100)
--------------------------------	--	---

*Total site area includes building footprint, parking, and all other ammenities.

GASTOPS										
PLANT LIST - TREES L1.1										
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	ROOT	NATIVE	SREAD AT MATURITY	ESTIMATED SPREAD AT 40 YEARS (2/3 MATURITY)	REFERENCE INFORMATION
CONIFEROUS TREES										
PR	3	PICEA GLAUCA	WHITE SPRUCE	50mm	As Shown	BB-WB	YES	6m	4m	1
PS	5	PINUS STROBUS	EASTERN WHITE PINE	50mm	As Shown	BB-WB	YES	12m	8m	1
LARGE DECIDUOUS TREES										
AR	4	ACER RUBRUM	RED MAPLE	50mm	As Shown	BB-WB	YES	15m	10m	1
GD	5	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	50mm	As Shown	BB-WB	YES	15m	10m	1
TA	4	TILIA AMERICANA	BASSWOOD	50mm	As Shown	BB-WB	YES	15m	10m	1
QA	4	QUERCUS MACROCARPA	BUR OAK	50mm	As Shown	BB-WB	YES	25m	15m	1

SOURCE:
1. Dirr, Michael. *Manual of Woody Landscape Plants: Their Identification, Ornamental Characteristics, Culture, Propagation and Uses*. 5th ed., Stipes Pub., 1998.



40 YEAR TREE CANOPY PROJECTION

ARCHITECTS WITH STRUCTURAL ENGINEER
CSV CLELAND JARDINE
190 O'Connor Street, Suite 100 580 Terry Fox Drive
OTTAWA, ON, CANADA, K2P 2R3 KANATA, ON, CANADA K2L 4B9

MECHANICAL & ELECTRICAL ENGINEER QUASAR CONSULTING GROUP 150 Isabella Street, Suite 400 OTTAWA, ON, CANADA K1S 5H3	CIVIL ENGINEER EGIS GROUP 115 Walgreen Road R.R. 3 CARP, ON, CANADA K0A 1L0
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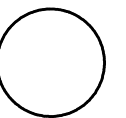
OR



1011 Polytek Street
OTTAWA, ON, CANADA, K1J 9J3

PREPARED IN COORDINATION WITH
GEOTECHNICAL REPORT PREPARED
BY PATERSON GROUP

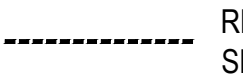
LEGEND



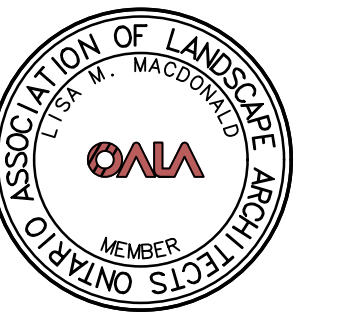
PROJECTED 40
YEAR TREE CANOPY



HIGH SENSITIVITY LAY AREA



REQUIRED TREE
SETBACK



5	REISSUED FOR REVIEW	MAY 23,25
4	REISSUED FOR REVIEW	APR 14,25
3	REISSUED FOR REVIEW	FEB 13,25
2	REISSUED FOR REVIEW	FEB 07,25
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SCALE: 1:400	PAGE SIZE: 24X36
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PLAN #:	19226
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NORTH:	SHEET NO.:
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1.3