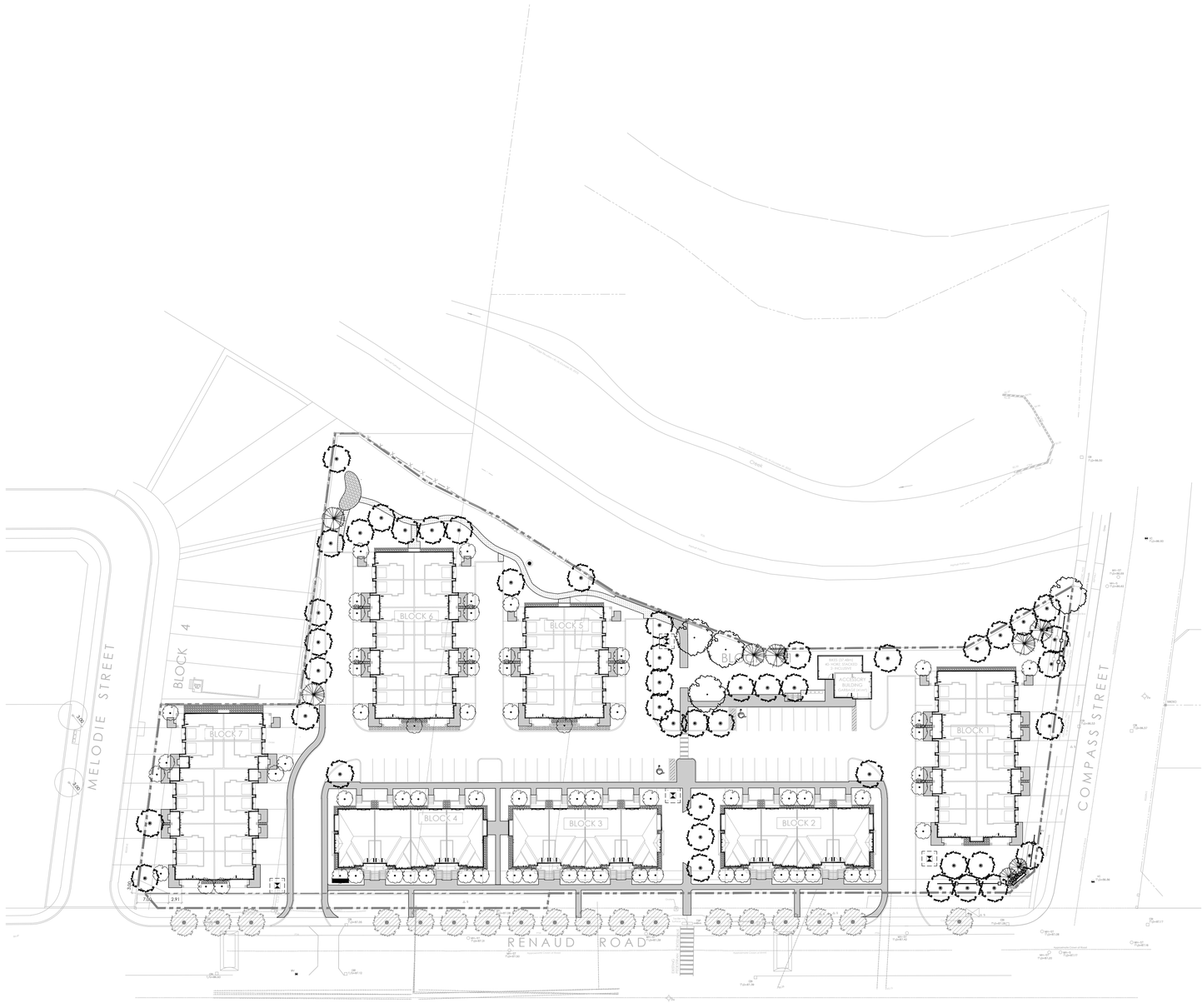


RICHCRAFT

TRAILSEDGE BLOCK 121
PLANNED UNIT DEVELOPMENT

6259, 6267, 6271, 6273 RENAUD RD.
OTTAWA, ON

RICHCRAFT

NAK design strategies

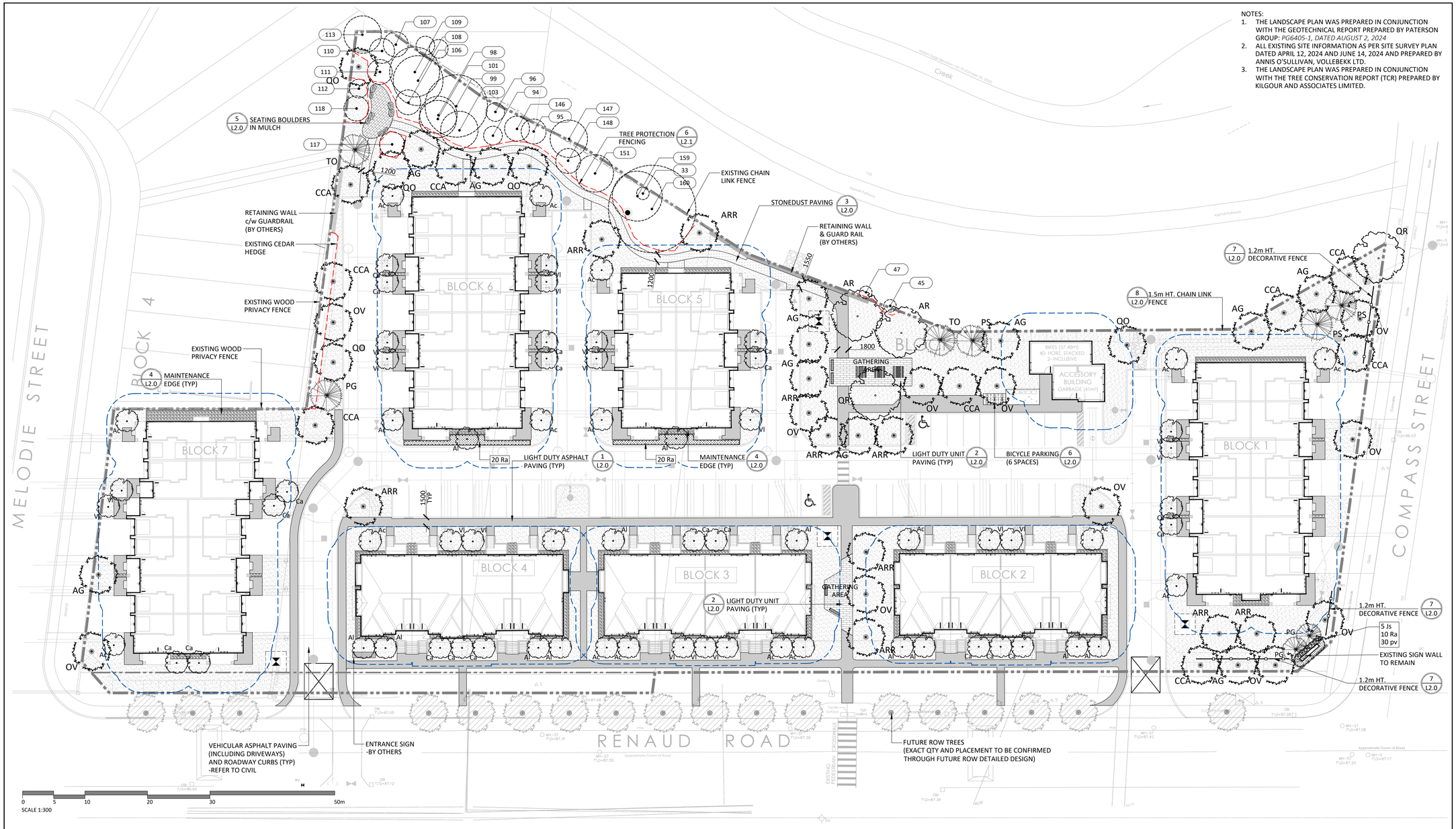
LIST OF DRAWINGS:

L1.0 - LANDSCAPE PLAN
L1.1 - TREE CANOPY CALCULATIONS AND SOIL VOLUMES
L2.0 - DETAILS
L2.1 - DETAILS

KEYMAP
NTS

24-400 - TRAILSEDGE BLOCK 121 - RICHCRAFT
CITY FILE N° D02-02-25-0048 (ZBLA)
D07-12-25-0092 (SPC)

PLAN N° 19468



NOTES:

1. THE LANDSCAPE PLAN WAS PREPARED IN CONJUNCTION WITH THE GEOTECHNICAL REPORT PREPARED BY PATERSON GROUP: *PG6405-1, DATED AUGUST 2, 2024*
2. ALL EXISTING SITE INFORMATION AS PER SITE SURVEY PLAN DATED APRIL 12, 2024 AND JUNE 14, 2024 AND PREPARED BY ANNIS O'SULLIVAN, VOLLEBEKK LTD.
3. THE LANDSCAPE PLAN WAS PREPARED IN CONJUNCTION WITH THE TREE CONSERVATION REPORT (TCR) PREPARED BY KILGOUR AND ASSOCIATES LIMITED.

PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	QTY	SIZE	REMARKS	NATIVE
DECIDUOUS TREES - LARGE (15-30M HEIGHT) - TOTAL: 4 (PRIVATELY OWNED)						
AR	ACER RUBRUM	RED MAPLE	2	50mm	B&B	Y
QR	QUERCUS RUBRA	RED OAK	2	50mm	B&B	Y
DECIDUOUS TREES - MEDIUM (8-14M HEIGHT) - TOTAL: 48 (PRIVATELY OWNED)						
AG	AESCULUS GLABRA	OHIO BUCKEYE	10	50mm	B&B	Y
ARR	ACER RUBRUM 'REDPOINTE'	REDPOINTE RED MAPLE	10	50mm	B&B	Y
CCA	CARPINUS CAROLINIANA	BLUE BEECH	12	50mm	B&B	Y
OV	OSTRYA VIRGINIANA	IRONWOOD	12	50mm	B&B	Y
QO	QUERCUS MEUHLENBERGII	CHINQUAPIN OAK	4	50mm	B&B	Y
CONIFEROUS TREES - TOTAL: 10 (PRIVATELY OWNED)						
PG	PICEA GLAUCA	WHITE SPRUCE	3	200cm	B&B	Y
PS	PINUS STROBUS	WHITE PINE	3	200cm	B&B	Y
TO	THUJA OCCIDENTALIS	EASTERN WHITE CEDAR	2	200cm	B&B	Y

KEY	BOTANICAL NAME	COMMON NAME	QTY	SIZE	REMARKS	NATIVE
MULTISTEM SHRUBS - TOTAL: 69 (PRIVATELY OWNED)						
Ac	AMELANCHIER CANADENSIS	SERVICEBERRY	19	125cm HT	PT, CLUMP	Y
Al	AMELANCHIER LAEVIS	ALLEGHENY SERVICEBERRY	12	125cm HT	PT, CLUMP	Y
Ca	CORNUS ALTERNIFOLIA	PAGODA DOGWOOD	20	125cm HT	PT, CLUMP	Y
Vl	VIBURNUM LENTAGO	NANNYBERRY	18	125cm HT	PT, CLUMP	Y
CONIFEROUS SHRUBS - TOTAL: 5 (PRIVATELY OWNED)						
Js	JUNIPERUS SCOPULORUM 'WICHITA BLUE'	WITCHITA BLUE JUNIPER	5	3 GAL.	POTTED	Y
DECIDUOUS SHRUBS - TOTAL: 50 (PRIVATELY OWNED)						
Ra	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	50	3 GAL	POTTED	Y
GRASSES/PERENNIALS - TOTAL: 30 (PRIVATELY OWNED)						
pv	PANICUM VIRGATUM	SWITCHGRASS	30	1 GAL	POTTED	Y

GENERAL NOTES:

1. ALL PLANT MATERIAL SHALL BE NURSERY GROWN STOCK UNLESS OTHERWISE NOTED.
2. TREES TO HAVE A MINIMUM 1800 CLEAR STEM ABOVE GRADE.
3. CONTRACTOR TO MAKE GOOD ALL EXISTING AREAS DAMAGED BY HIS WORK TO THE SATISFACTION OF THE CONTRACTOR.
4. ALL PLANT MATERIAL SHALL BE WARRANTIED FOR TWO YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION.
5. CONTRACTOR TO VERIFY LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION.
6. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE AND ONLY AFTER APPROVAL OF THE LANDSCAPE ARCHITECT.

TREE PLANTING IN MARINE CLAY SOILS

THE LANDSCAPE CONSIDERATIONS CONTAINED WITHIN SEC. 6.8 OF PATERSON GROUP'S GEOTECHNICAL INVESTIGATION, DATED AUGUST 2, 2024.

1. THIS LANDSCAPE PLAN CONFORMS WITH THE TREE-TO-FOUNDATION SETBACK, SOIL VOLUME, AND SURFACE-GRADING REQUIREMENTS OUTLINED IN THE CITY OF OTTAWA'S GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017), BASED ON THE FINDINGS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT BY PATERSON GROUP (REPORT PG6405-1 DATED AUGUST 2, 2024).
2. ADDITIONAL REQUIREMENTS OUTLINED IN THE CITY OF OTTAWA'S GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017), INCLUDING USF DEPTH, FOUNDATION WALL REINFORCEMENT, AND SUBDIVISION GRADING, SHOULD BE CONFIRMED BY THE PROJECT ENGINEER(S).

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LEGEND

- PROPERTY LINE
- GEOTECHNICAL FOUNDATION SETBACK (4.5m)

FENCING

- EXISTING PRIVACY FENCE
- EXISTING CHAIN LINK FENCE
- PROPOSED DECORATIVE FENCE
- TREE PROTECTION FENCE

PLANTING

- EXISTING TREE TO REMAIN CRITICAL ROOT ZONE
- LARGE DECIDUOUS TREE
- MEDIUM DECIDUOUS TREE
- CONIFEROUS TREE
- TREE FORM SHRUB
- PROPOSED FUTURE ROW TREE (BY OTHERS)
- SODDING
- PLANTING BED

PAVING

- LIGHT DUTY ASPHALT WALKWAYS
- PRECAST UNIT PAVERS
- LIGHT DUTY CONCRETE PAVING
- STONEDUST PATHWAY
- MULCH
- RIVERSTONE PAVING
- PRECAST EDGER

DETAIL KEY

- 1 / L1 — DETAIL NO. / SHEET NO.
- 160 — EXISTING TREE TO BE RETAINED ID # (REFER TO TCR)

No.	Revision	Date
7	Issued for Third Submisson	Nov 03/26
6	Issued for Third Submission Draft	Oct 27/26
5	Issued for Second Submission	Apr 02/26
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1	Issued for Coordination	Mar 26/25

City Approval Stamp

OWNERSHIP
RICHCRAFT
2280 ST. LAURENT BLVD. SUITE 201, OTTAWA ON

ARCHITECT
M. DAVID BLAKELY ARCHITECT INC.
2200 PRINCE OF WALES DR. SUITE 101, OTTAWA ON

LANDSCAPE ARCHITECT
NAK DESIGN STRATEGIES
1285 Wellington St., Ottawa, ON

CIVIL/SERVICING
LRL ENGINEERING
5430 Canotek Rd., Ottawa, ON

PROPERTY INFORMATION
REGISTERED PLAN 4M-1545 PART OF LOT 4 CONCESSION 3 (OTTAWA FRONT), GEOGRAPHIC TOWNSHIP OF GLOUCESTER CITY OF OTTAWA

NAK design strategies
1285 WELLINGTON STREET, OTTAWA, ON K1Y 3A8 CANADA
T 613.237.2345 NAKDESIGNSTRATEGIES.COM

Project

6259, 6267, 6271, 6273 RENAUD RD.
(BLOCK 121)
PLANNED UNIT DEVELOPMENT
OTTAWA, ON.

Title

LANDSCAPE PLAN

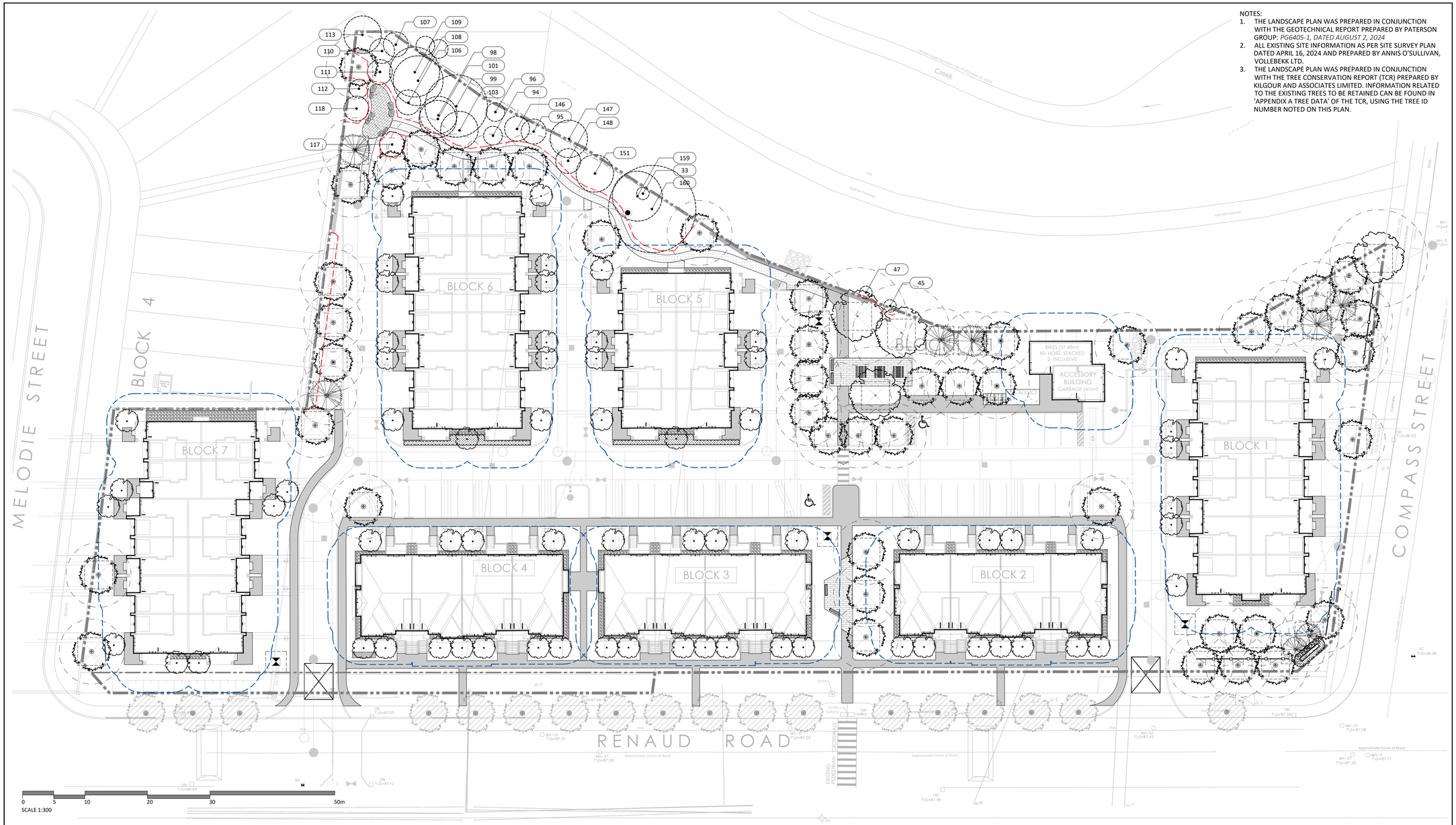
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Checked	MK
Job No.	24-400

Sheet L1.0

CITY FILE N° D02-02-25-0048 (ZBLA) D07-12-25-0092 (SPC)

PLAN N° 19468

NOTES:
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2. ALL EXISTING SITE INFORMATION AS PER SITE SURVEY PLAN DATED APRIL 16, 2024 AND PREPARED BY ANNIS O'SULLIVAN, VOLLEBEKK LTD.
3. THE LANDSCAPE PLAN WAS PREPARED IN CONJUNCTION WITH THE TREE CONSERVATION REPORT (TCR) PREPARED BY KILGOUR AND ASSOCIATES LIMITED. INFORMATION RELATED TO THE EXISTING TREES TO BE RETAINED CAN BE FOUND IN 'APPENDIX A TREE DATA' OF THE TCR, USING THE TREE ID NUMBER NOTED ON THIS PLAN.



SOIL VOLUME PROJECTIONS (NTS)*	SINGLE	MULTIPLE	CLAY SOILS
SMALL	3651	2828	4082
MEDIUM/ CONIFER	4082	3162	4472
LARGE	4472	3464	

TREE SOIL VOLUMES

TREE TYPE/SIZE	SINGLE TREE SOIL VOLUME	MULTIPLE TREE SOIL VOLUME (m3/TREE)	SOIL VOLUME FOR MARINE CLAY AREAS (SINGLE TREE)
ORNAMENTAL	15	9	
COLUMNAR	15	9	
SMALL	20	12	25
MEDIUM	25	15	30
LARGE	30	18	
CONIFER	25	15	

*SOIL VOLUME CALCULATION BASED ON 1.5m DEPTH

CANOPY PROJECTIONS (NTS)

LARGE

MEDIUM

SMALL

CONIFER

PROPOSED TREE CANOPY PROJECTIONS

TREE TYPE/SIZE	CROWN AREA PER TREE STANDARD RANGE (m^2)	CROWN AREA PER TREE USED FOR CALC. (m^2)	SITE CANOPY COVER
LARGE (4)	135-250*	192	CANOPY (W. OVERLAP): 2,822m^2
MEDIUM (48)	35-135*	85	
SMALL (0)	5-35*	20	
CONIFER (10)	45-96*	70	

EXISTING TREE CANOPY TO BE PROTECTED

EXISTING TREE CANOPY (m^2) (CALCULATION BASED ON SURVEYED DBH AND AERIAL IMAGERY)	CANOPY (W. OVERLAP): 326m^2
	TOTAL CANOPY: 3,148m^2
*RANGE OF CROWN AREAS IS IN ACCORDANCE WITH PROPOSED TREES SPECIES	SITE: 13,295m^2
**CROWN AREAS ARE ACCORDING TO THE AVERAGE MATURE CANOPY SIZE OF THE RESPECTIVE SPECIES. CANOPY SIZING HAS BEEN DETERMINED IN REFERENCE TO VARIOUS ARBORICULTURAL AND BOTANICAL SOURCES, SUCH AS: ONTARIO MINISTRY OF NATURAL RESOURCES & FORESTRY (OMNRF); US FOREST SERVICE; FARRAR, J.L. *TREES IN CANADA*, UNIVERSITY OF GUELPH ARBORETUM, *VARIOUS PUBLICATIONS*	TOTAL PERCENT COVER: 23.6%

*NOTE: CANOPY CALC. DOES NOT ACCOUNT FOR EXISTING/PROPOSED TREE CANOPY ON ADJACENT SITES OR IN R.O.W. OVERLAPPING SITE

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LEGEND

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- GEOTECHNICAL FOUNDATION SETBACK (4.5m)

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PLANTING

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City Approval Stamp

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PROPERTY INFORMATION
REGISTERED PLAN 4M-1545 PART OF LOT 4 CONCESSION 3 (OTTAWA FRONT), GEOGRAPHIC TOWNSHIP OF GLOUCESTER CITY OF OTTAWA

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO — SILVANO TARGETA — OALA — MEMBER

N

NAK design strategies
1285 WELLINGTON STREET, OTTAWA, ON K1Y 3A8 CANADA
T 613.237.2345 NAKDESIGNSTRATEGIES.COM

Project

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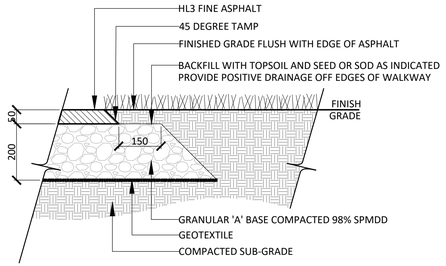
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TREE CANOPY CALCULATIONS AND SOIL VOLUMES

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Job No.	24-400		

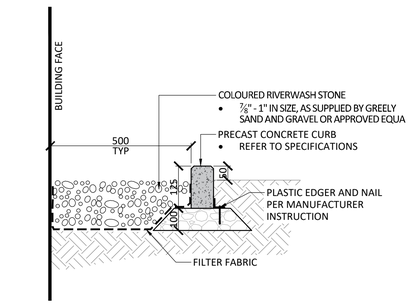
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PLAN N° 19468

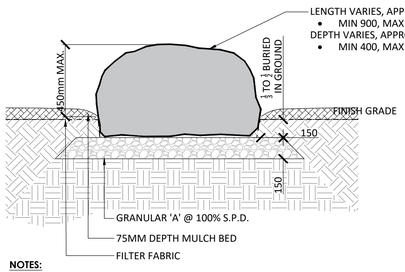


NOTES:
1. CROSS SLOPE PATH 1-2% IN DIRECTION OF NATURAL DRAINAGE TO PROVIDE POSITIVE DRAINAGE OF ALL WALKS.
2. FILTER FABRIC SHALL BE APPROVED NON-WOVEN CLASS 1 GEOTEXTILE AS PER MS-22.15 WHEN WARRANTED BY SOIL CONDITION, SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT.
3. ALL DISTURBED AREAS ALONG ASPHALT WALKWAYS SHALL BE SODDED OVER 150mm TOPSOIL FOR A MINIMUM DISTANCE OF 900mm.
4. GRANULAR 'A' SHALL MEET THE REQUIREMENTS OF OPSS 1010.

1 LIGHT DUTY ASPHALT
1:10

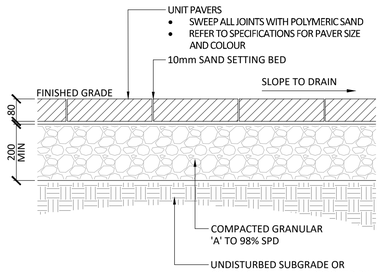


4 MAINTENANCE EDGE
1:10

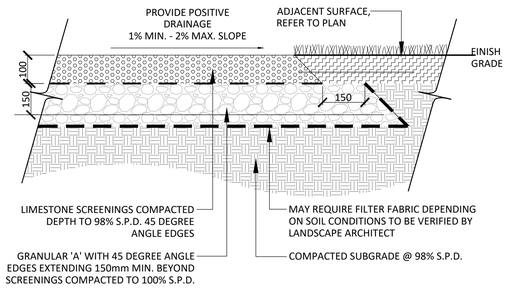


NOTES:
1. NO SHARP EDGES, CRACKS OR SPALLING.
2. NO FROST SUSCEPTIBLE BOULDER
3. CONTRACTOR TO CONFIRM SOURCE/ QUARRY WITH LANDSCAPE ARCHITECT. GRANITE BOULDER FROM LOCAL SOURCE IS PREFERRED.
4. PLACEMENT AND SIZING OF BOULDER TO BE DETERMINED ON SITE AND APPROVED BY LANDSCAPE ARCHITECT.

5 SEATING BOULDER
1:20

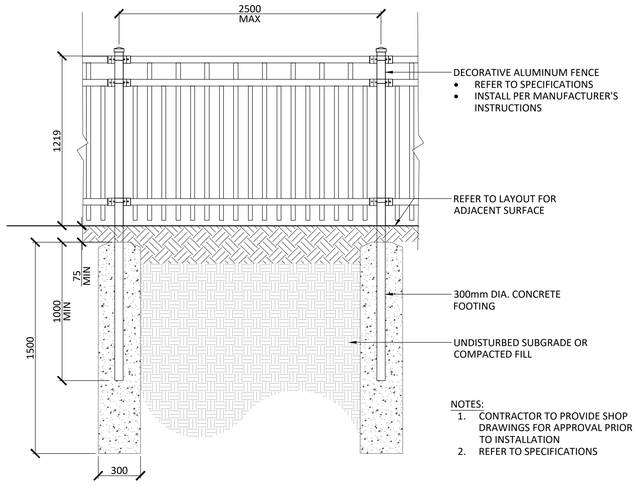


2 LIGHT DUTY UNIT PAVING
1:10



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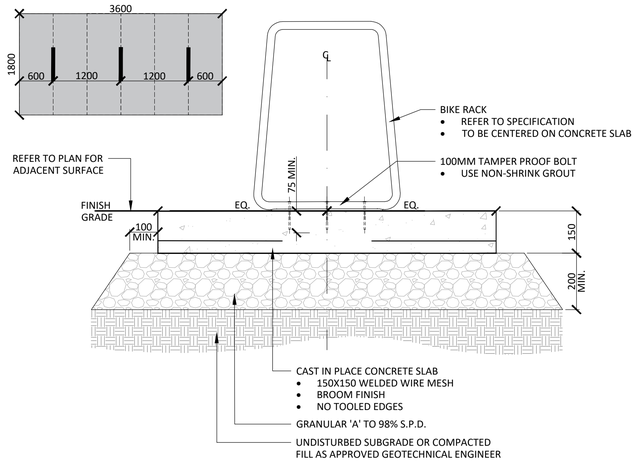
3 STONEDUST PAVING
1:10



NOTES:
1. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION
2. REFER TO SPECIFICATIONS

7 1.2m HT. DECORATIVE FENCE
1:20

LAYOUT (NTS)



6 BIKE PARKING
1:10

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Key Plan

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Revision

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6259, 6267, 6271, 6273 RENAUD RD.
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Title

LANDSCAPE DETAILS

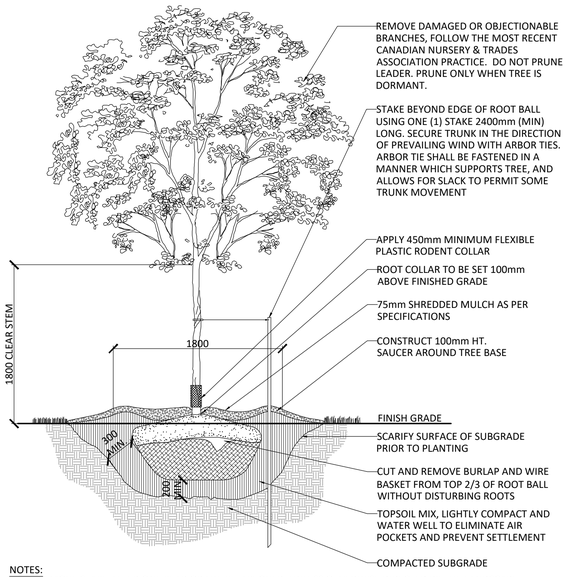
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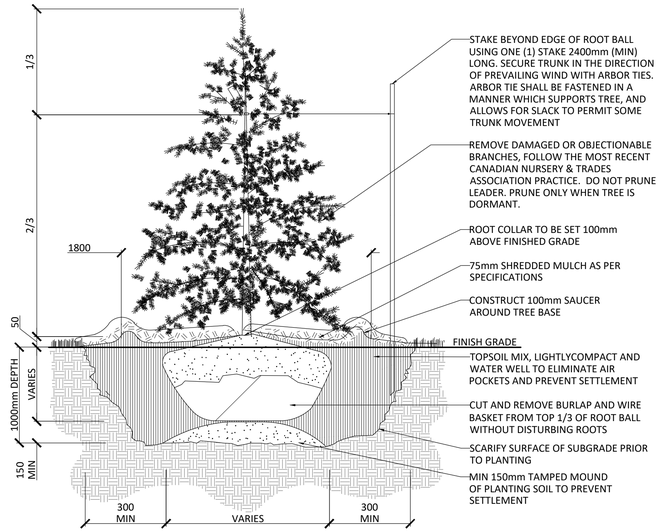
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PLAN N° 19468



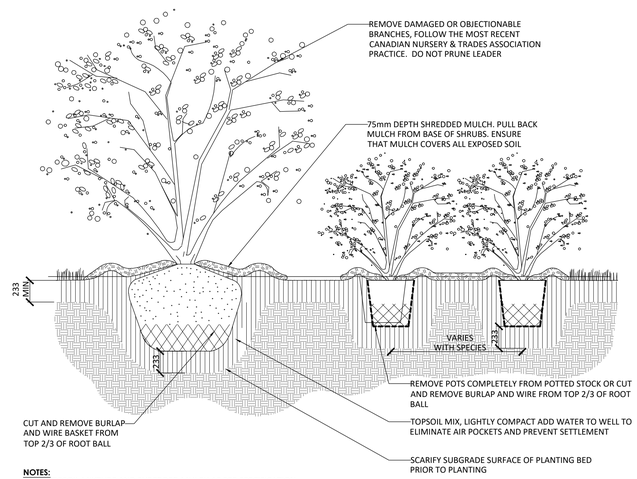
NOTES:
1. REMOVE STAKE AFTER ONE YEAR OR UNTIL TAKEOVER, UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.
2. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION
3. REMOVE TREE WRAP AFTER PLANTING
4. CALIPER TO BE MEASURED AT THE BASE OF TREE AT ROOT BALL.

1 DECIDUOUS TREE PLANTING (ONE STAKE W/ARBOR TIES)
1:30



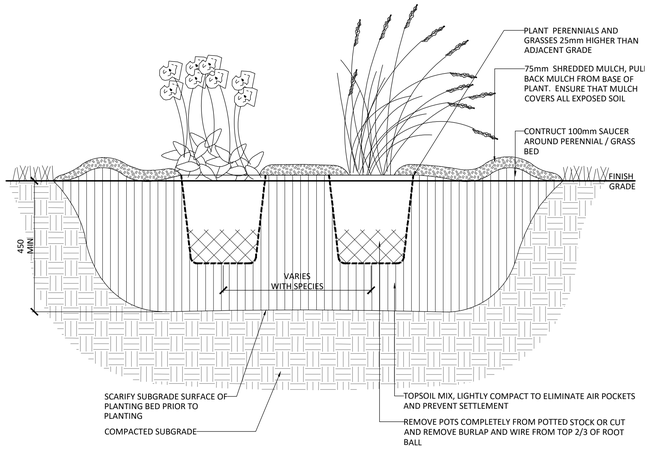
NOTES:
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2. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION

2 CONIFEROUS TREE PLANTING (ONE STAKE W/ARBOR TIES)
1:30



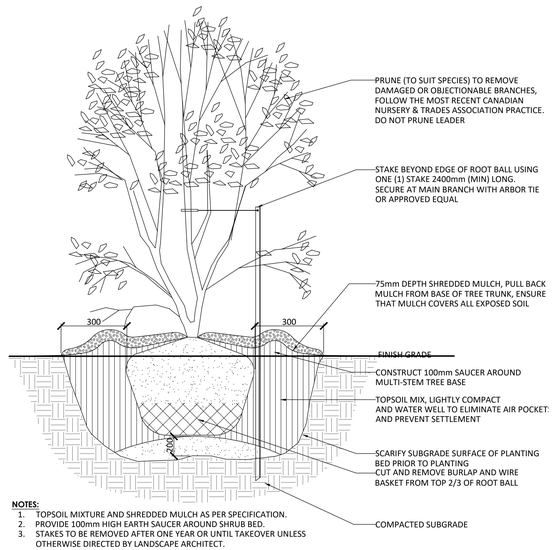
NOTES:
1. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION.
2. SHRUBS SPECIFIED TO BE PLANTED SO THAT ROOTS ARE FULLY EXTENDED IN PLANTING HOLE WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE.
3. PROVIDE 100mm HIGH EARTH SAUCER AROUND SHRUB BED.

3 SHRUB BED PLANTING
1:30



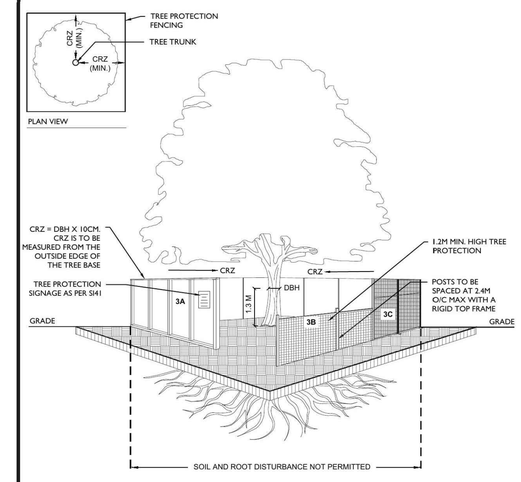
NOTES:
1. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION.
2. PROVIDE 100mm HIGH EARTH SAUCER AROUND PERENNIAL/GRASS BED.

4 PERENNIAL AND ORNAMENTAL GRASS PLANTING
1:30



NOTES:
1. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION.
2. PROVIDE 100mm HIGH EARTH SAUCER AROUND SHRUB BED.
3. STAKES TO BE REMOVED AFTER ONE YEAR OR UNTIL TAKEOVER UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT.

5 TREE FORM SHRUB PLANTING
1:30



TREE PROTECTION REQUIREMENTS:

1. TREE PROTECTION FENCING MUST BE INSTALLED PER THE TREE CONSERVATION REPORT (TCR) OR THE TREE INFORMATION REPORT (TIR), WHICH EVER APPLIES, AND MUST BE DETERMINED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF THE WORK AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.

2. FOR WORK WITHIN THE TREE PROTECTION ZONE (TPZ):
- DO NOT PLACE OR STORE ANY MATERIAL, FILL OR EQUIPMENT (INCLUDING OUTHOUSES)
- DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE.
- DO NOT RAISE OR LOWER THE EXISTING GRADE (SCRAPING OF THE TOP LAYER OF SOIL FOR FINAL GRADING MUST BE AVOIDED WITHIN THE CRZ, THIS INCLUDES FINAL LANDSCAPE/ REINSTATEMENT GRADING).
- ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE DIRECTED AWAY FROM THE TREE CANOPY
- DO NOT EXTEND/REINSTATE HARD SURFACE WITHIN THE CRZ
- DO NOT DISPOSE OF WASTE OR VOLATILE MATERIALS, SUCH AS MINERAL SPIRITS, OIL OR PAINT THINNER
- DO NOT OPERATE, PARK, REPAIR, OR REFUEL VEHICLES OR EQUIPMENT.
- DO NOT DAMAGE THE ROOT SYSTEM, TRUNK OR BRANCHES OF ANY TREE
- EXCAVATION SHALL BE CARRIED OUT BY TUNNELING, BORING OR HYDRO VAC.

3. TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT AND BE CONSTRUCTED OF RIGID OR FRAMED MATERIALS SUCH AS:
A. PLYWOOD HOARDING
B. SNOW FENCE
C. MODULAR STEEL PANELS

INSTALLATION OF ALL FENCING TYPES, A, B OR C, MUST MINIMIZE DAMAGE TO EXISTING ROOTS.

4. ANY DEVIATION TO THE APPROVED TREE PROTECTION FENCING LOCATION MUST BE SUPERVISED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. MODIFICATIONS MAY INCLUDE THE INSTALLATION OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER THE ROOTS, OR PERFORMING PROPER ROOT PRUNING AND CARE WHERE ROOTS ARE ENCOUNTERED.

5. IF TREES ARE BEING AFFECTED BY CONSTRUCTION, A WATER AND FERTILIZING PROGRAM MAY BE REQUIRED.

6. THE CITY OF OTTAWA'S TREE PROTECTION BY-LAW (NO. 2020-340) AND STANDARD F-8011 APPLY

6 TREE PROTECTION FENCING
NTS

Ottawa

Tree Protection

SCALE: NTS
DATE: JANUARY 2026
DRAWING NO.: F7 Modified

Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work. This drawing is not to be used for construction until signed by the Landscape Architect.

Key Plan

No.	Description	Date
7	Issued for Third Submisson	Nov 03/26
6	Issued for Third Submission Draft	Oct 27/26
5	Issued for Second Submission	Apr 02/26
4	Issued for Coordination	Mar 17/26
3	Issued for First Submission	Jun 11/25
2	Issued for Coordination	May 01/25
1	Issued for Coordination	Mar 26/25

Revision

City Approval Stamp

OWNERSHIP
RICHCRAFT
2280 ST. LAURENT BLVD. SUITE 201, OTTAWA ON

ARCHITECT
M. DAVID BLAKELY ARCHITECT INC.
2200 PRINCE OF WALES DR. SUITE 101, OTTAWA ON

LANDSCAPE ARCHITECT
NAK DESIGN STRATEGIES
1285 Wellington St., Ottawa, ON

CIVIL/SERVICING
LRL ENGINEERING
5430 Canotek Rd., Ottawa, ON

PROPERTY INFORMATION
REGISTERED PLAN 4M-1545 PART OF LOT 4 CONCESSION 3 (OTTAWA FRONT), GEOGRAPHIC TOWNSHIP OF GLOUCESTER CITY OF OTTAWA

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — SILVANO TARDELLA — OALA — MEMBER

NAK design strategies
1285 WELLINGTON STREET, OTTAWA, ON K1Y 3A8 CANADA
T 613.237.2345 NAKDESIGNSTRATEGIES.COM

Project

6259, 6267, 6271, 6273 RENAUD RD.
(BLOCK 121)
PLANNED UNIT DEVELOPMENT
OTTAWA, ON.

Title

LANDSCAPE DETAILS

Date 2025-01-28
Scale 1:300
Drawn SW
Checked MK
Job No. 24-400

Sheet
L2.1

CITY FILE N° D02-02-25-0048 (ZBLA) D07-12-25-0092 (SPC)

PLAN N° 19468