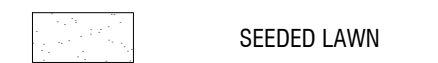




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L1



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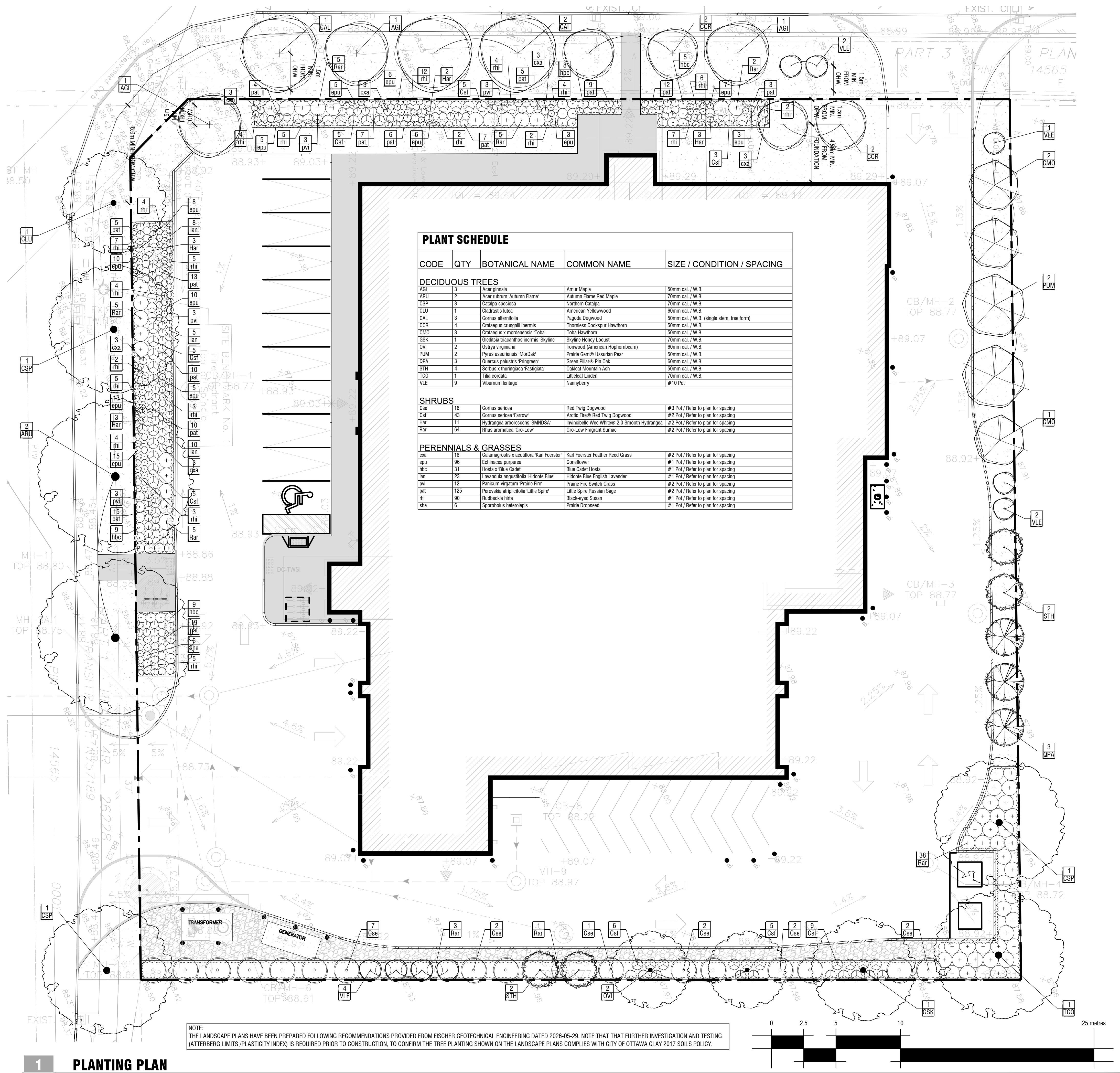
drawing / dessin

designed / conçu ST / BM	drawn / dessiné BM	reviewed / examiné ST / SM
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date	
June 2023	

drawing number / No. du dessin

L2

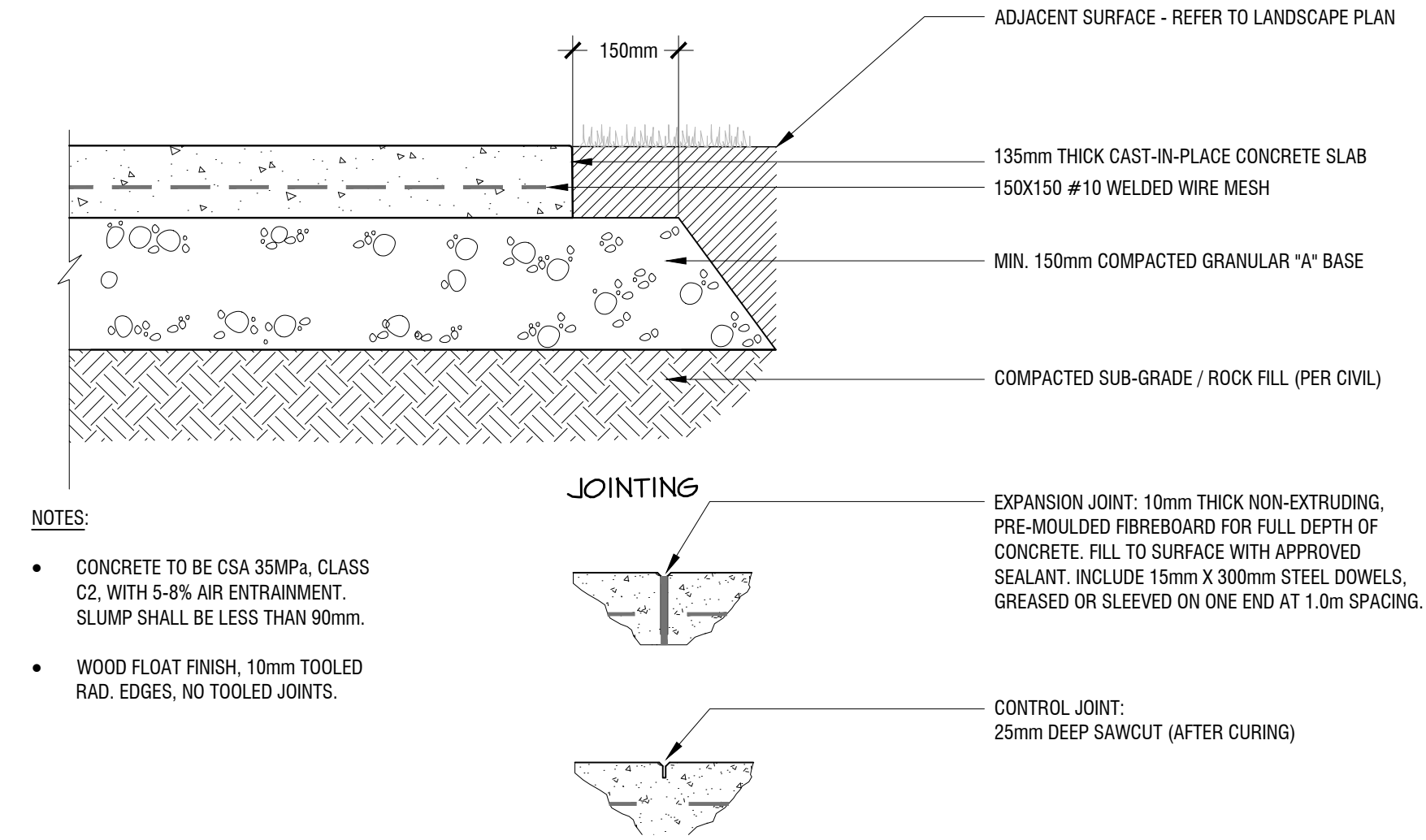


NOTE: THE LANDSCAPE PLANS HAVE BEEN PREPARED FOLLOWING RECOMMENDATIONS PROVIDED FROM FISCHER GEOTECHNICAL ENGINEERING DATED 2026-05-29. NOTE THAT THAT FURTHER INVESTIGATION AND TESTING (ATTERBERG LIMITS / PLASTICITY INDEX) IS REQUIRED PRIOR TO CONSTRUCTION, TO CONFIRM THE TREE PLANTING SHOWN ON THE LANDSCAPE PLANS COMPLIES WITH CITY OF OTTAWA CLAY 2017 SOILS POLICY.

1	PLANTING PLAN
L2	1:150

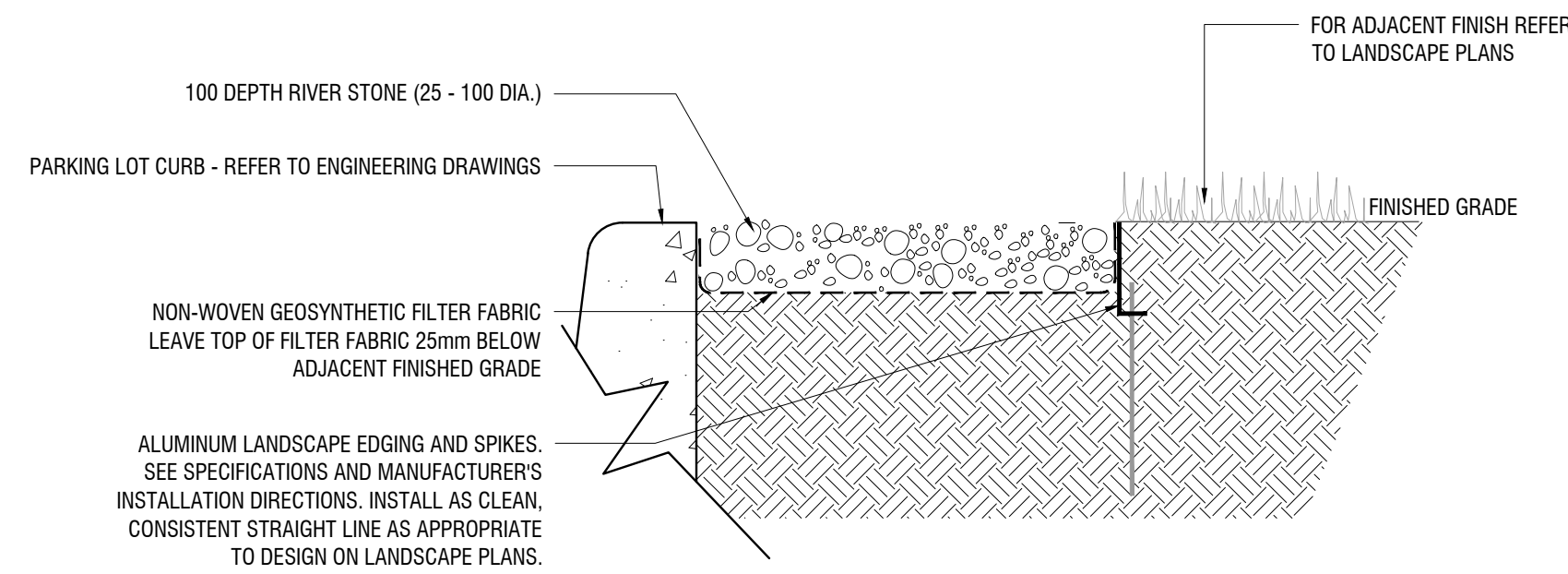
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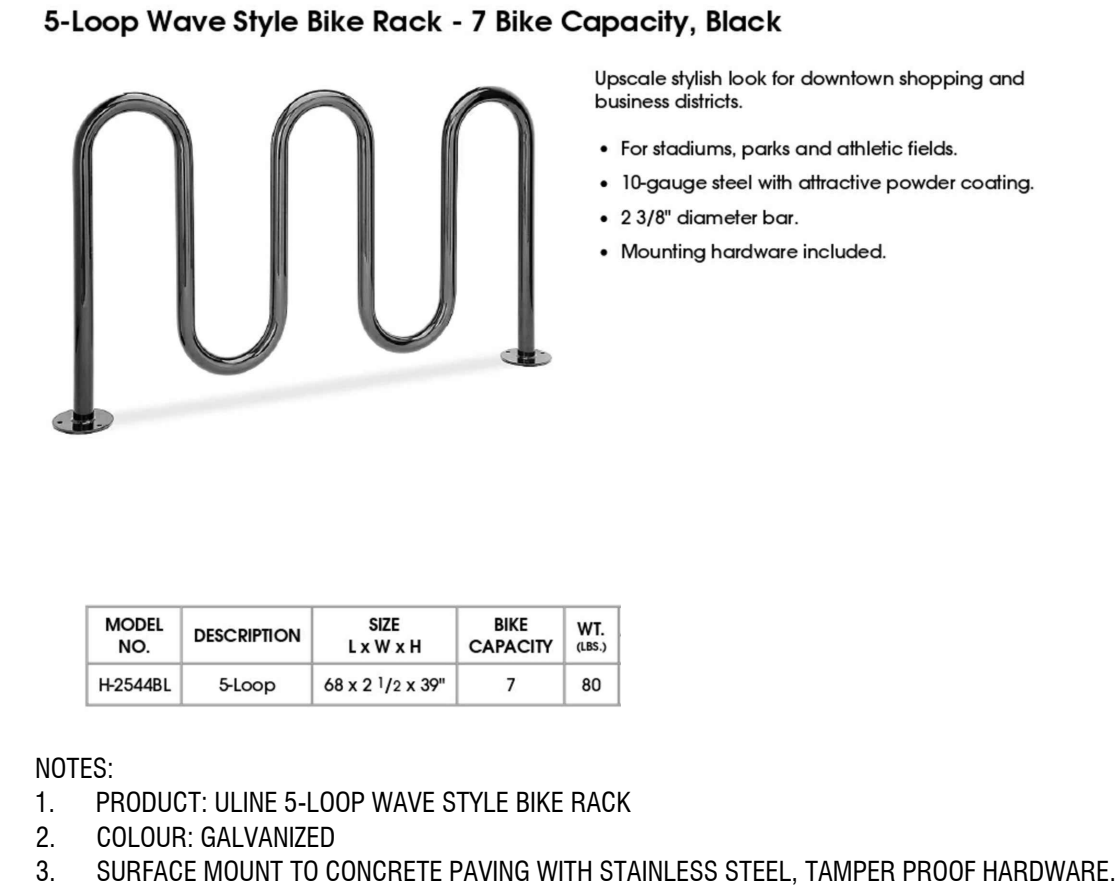
1 CONCRETE PAVING DETAIL

L3 N.T.S.



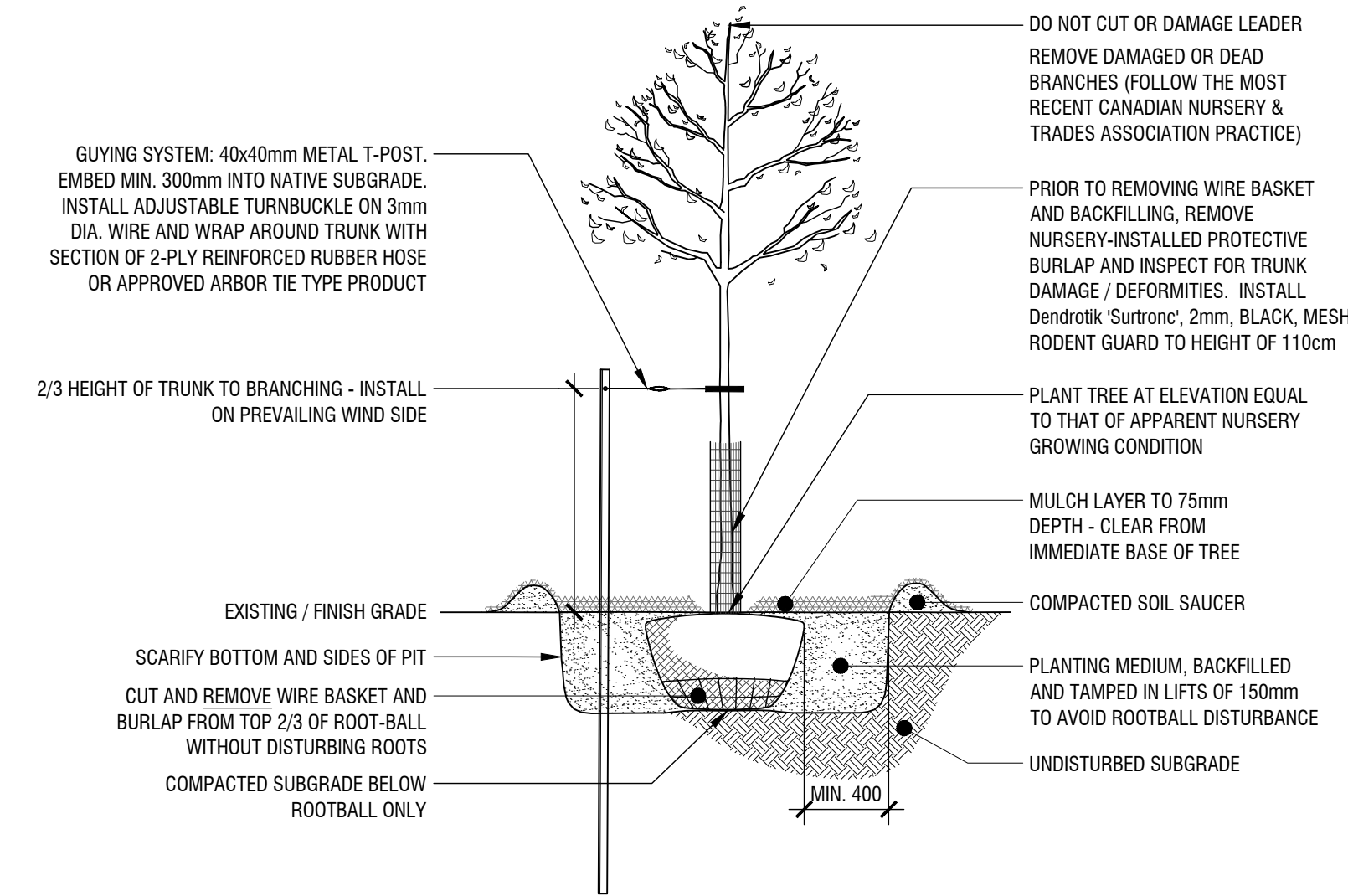
2 RIVERSTONE SURFACING DETAIL

L3 N.T.S.



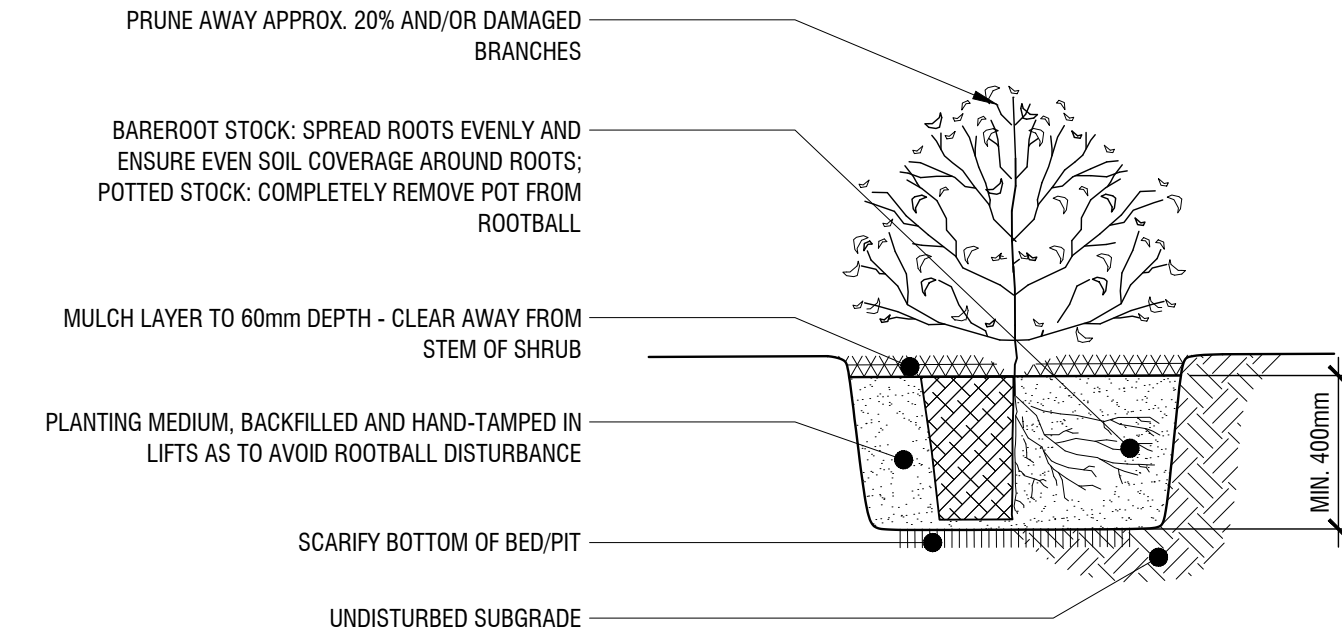
3 BIKE RACK DETAIL

L3 N.T.S.



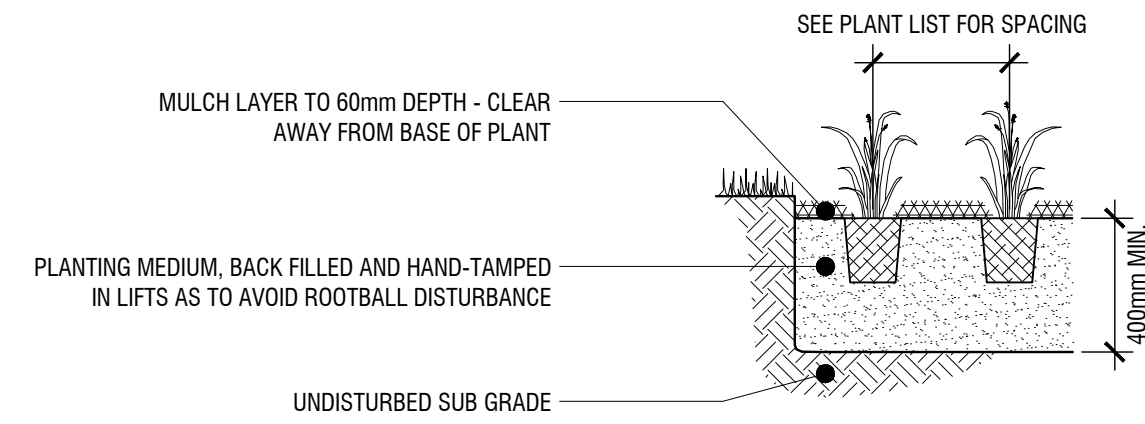
4 DECIDUOUS TREE PLANTING DETAIL

L3 N.T.S.



5 SHRUB PLANTING DETAIL

L3 N.T.S.



6 PERENNIAL PLANTING DETAIL

L3 N.T.S.

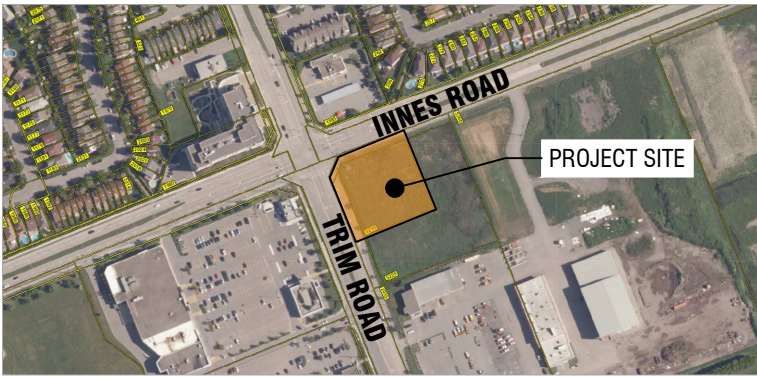
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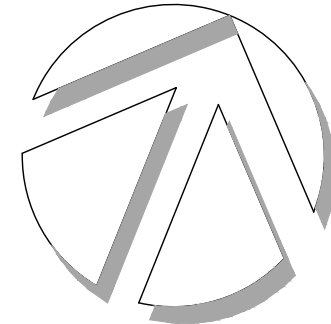


legend / légende

rev'n	description / la description	yyyy/mm/dd
05	issue for SITE PLAN CONTROL	2026/06/23
05	issue for SITE PLAN CONTROL coordination	2026/06/11
04	issue for re-submission	2023/11/21
03	issue for re-submission	2023/07/11
02	issue for submission	2022/12/22
01	issue for internal coordination	2022/12/15
00	issue for internal coordination	2022/06/16

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5210 INNES ROAD

drawing / dessin

LANDSCAPE DETAILS

designed / conçu ST / BM	drawn / dessiné BM	reviewed / examiné ST / SM
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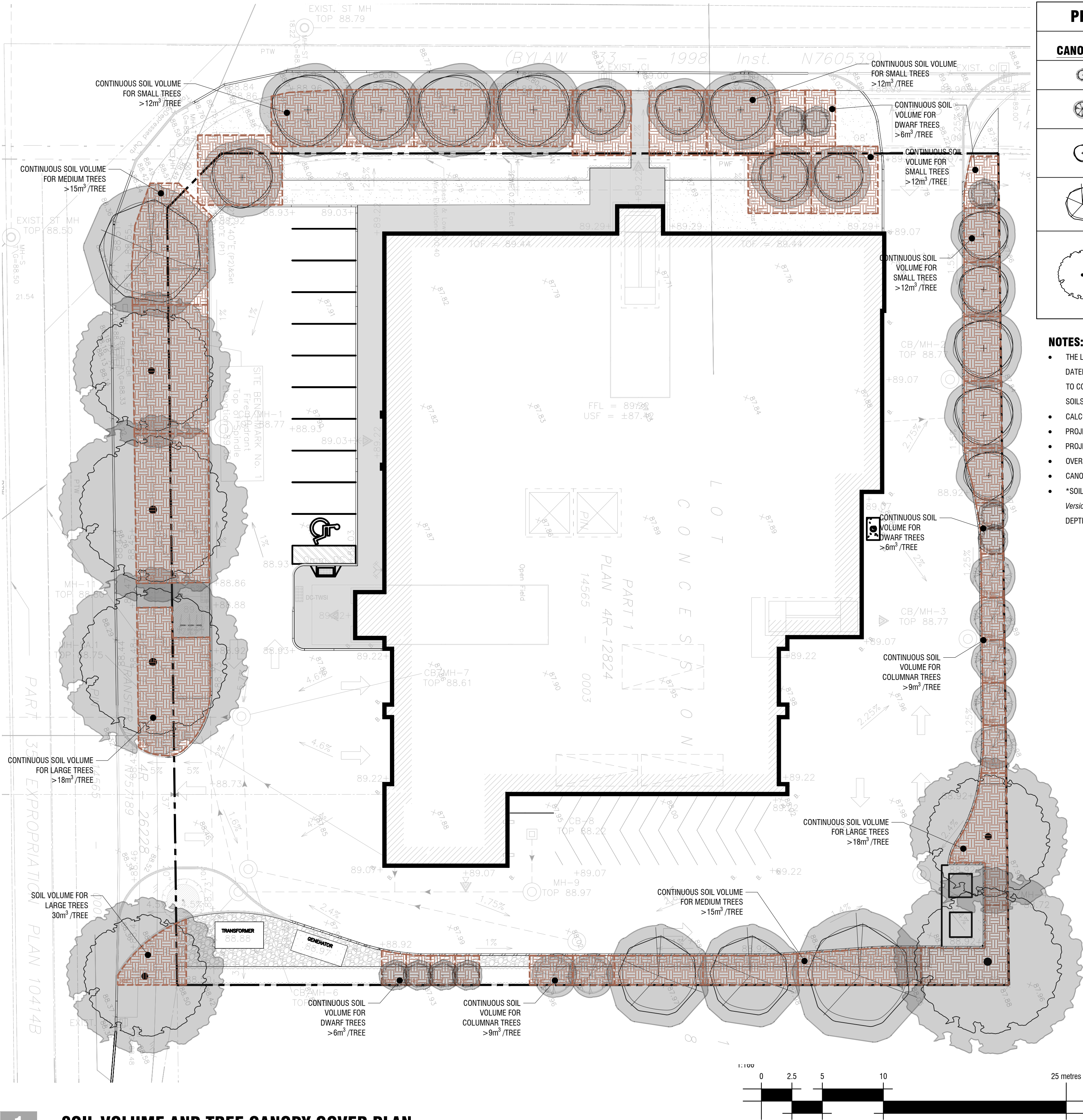
date
June 2023

drawing number / No. du dessin

L3

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1 SOIL VOLUME AND TREE CANOPY COVER PLAN
L4 1:200

PROPOSED TREE CANOPY PROJECTIONS (40 YEAR) & SOIL VOLUME REQUIREMENTS					
CANOPY PROJECTIONS (NTS)	AVERAGE CROWN AREA PER TREE (m²)	QTY OF TREES	TOTAL TREE CANOPY COVERAGE	SOIL VOLUME REQUIREMENT*	CONTINUOUS SPACE SOIL VOLUME (i.e. 2 TREES/1 GREENSPACE)
DWARF DECIDUOUS TREE (AVG. CANOPY DIAMETER = 2.5m)	5m²	9	45m²	10m³	6m³/tree
COLUMNAR DECIDUOUS TREE (AVG. CANOPY DIAMETER = 3.5m)	10m²	7	70m²	15m³	9m³/tree
SMALL DECIDUOUS TREE (AVG. CANOPY DIAMETER = 4.5m)	16m²	15	240m²	20m³	12m³/tree
MEDIUM DECIDUOUS TREE (AVG. CANOPY DIAMETER = 8.5m)	57m²	4	228m²	25m³	15m³/tree
LARGE DECIDUOUS TREE (AVG. CANOPY DIAMETER = 16m)	201m²	6	1,206m²	30m³	18m³/tree

- NOTES:**
- THE LANDSCAPE PLANS HAVE BEEN PREPARED FOLLOWING RECOMMENDATIONS PROVIDED FROM FISCHER GEOTECHNICAL ENGINEERING DATED 2026-05-29. NOTE THAT THAT FURTHER INVESTIGATION AND TESTING (ATTERBERG LIMITS /PLASTICITY INDEX) IS REQUIRED PRIOR TO CONSTRUCTION, TO CONFIRM THE TREE PLANTING SHOWN ON THE LANDSCAPE PLANS COMPLIES WITH CITY OF OTTAWA CLAY 2017 SOILS POLICY.
 - CALCULATIONS HAVE BEEN MADE TO PROJECT A 40 YEAR HORIZON AND TYPICAL GROWTH RATES FOR ALL TREES
 - PROJECTED CANOPY DIAMETERS AND AREAS ARE BASED ON AN AVERAGE OF THE TREES PROPOSED FOR THE SITE
 - PROJECTED CANOPY AREAS FOR EXISTING TREES ARE BASED ON AVERAGE OF THE TREES PLANTED AS PART OF PREVIOUS PHASES
 - OVERLAPPING CANOPIES AREAS FOR EXISTING TREES ARE ONLY COUNTED ONCE WHERE APPLICABLE
 - CANOPY CALCULATION DOES NOT ACCOUNT FOR EXISTING TREE CANOPY ON ADJACENT SITES/IN ROW OVERLAPPING SITE
 - *SOIL VOLUME REQUIREMENT IS BASED ON THE CITY OF OTTAWA'S 'Tree Planting in Sensitive Marine Clay Soils - 2017 Guidelines' DRAFT Version 2.0 DATED JANUARY 11, 2019 WHICH CALCULATES SOIL VOLUME USING A DEPTH OF 1.5m, OR AS NOTED OTHERWISE WHERE THIS DEPTH IS NOT ACHIEVABLE.

CANOPY CALCULATIONS
EXISTING RETAINED CANOPY COVER: 0m²
PROPOSED CANOPY COVER: 1789m²
SITE SIZE: 4646m²
TOTAL CANOPY COVERAGE 1789m²
38.5%

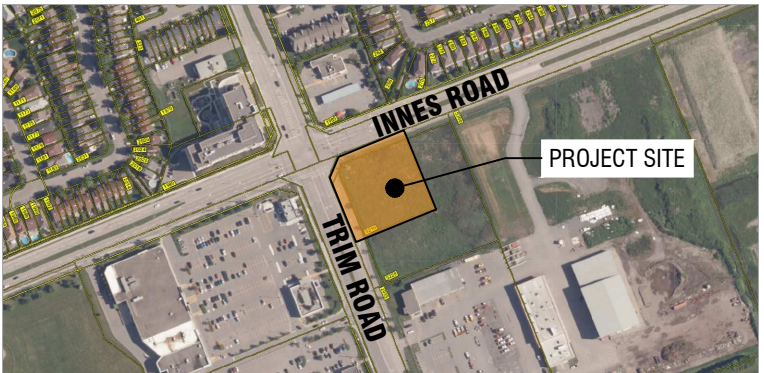
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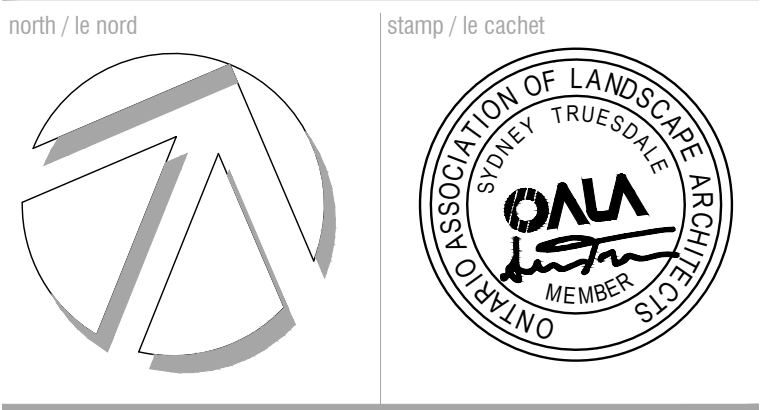
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legend / légende

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5210 INNES ROAD

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SOIL VOLUME & TREE CANOPY COVER PLAN

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date
June 2023

drawing number / No. du dessin

L4

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