MATTAMY HOMES DECOEUR DRIVE 2370 TENTH LINE ROAD





LIST OF DRAWINGS:

- LANDSCAPE PLAN

- LANDSCAPE PLAN

L3 - LANDSCAPE PLAN

_4 - LANDSCAPE PLAN

D1 - DETAILS

D2 - DETAILS

D3 - DETAILS

TREE PLANTING IN MARINE CLAY SOI

1. THIS LANDSCAPE PLAN CONFORMS WITH THE TREE-TO-FOUNDATION SETBACK, SOIL VOLUME, AND SURFACE-GRADING REQUIREMENTS OUTLINED IN THE CITY OF OTTAWA'S <u>GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS</u>

(2017) BASED ON THE FINDINGS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT

2. ADDITIONAL REQUIREMENTS OUTLINED IN THE CITY OF OTTAWA'S <u>GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS</u> (2017), INCLUDING USF DEPTH, FOUNDATION WALL REINFORCEMENT, AND SUBDIVISION GRADING, SHOULD BE CONFIRMED BY THE PROJECT ENGINEER(S).

3. THE CONTRACTOR SHOULD REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR BEFORE PLANTING TREES.

4. CITY OF OTTAWA: GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017): THE FOLLOWING GUIDELINES ARE PRIMARILY FOCUSED ON SMALL AND MEDIUM SIZE STREET TREES. HOWEVER, LARGE TREES (MATURE HEIGHT OVER 14M) CAN STILL BE PLANTED IN AREAS OF SMC SOILS PROVIDED A TREE TO FOUNDATION SETBACK EQUAL TO THE FULL MATURE HEIGHT OF THE TREE CAN BE PROVIDED (E.G. IN A PARK OR OTHER GREEN SPACE). FOR STREET TREES IN THE ROAD RIGHT-OF-WAY WHERE SMC SOILS HAVE BEEN IDENTIFIED, THE TREE TO FOUNDATION SETBACKS MAY BE REDUCED TO 4.5M FOR SMALL (MATURE TREE HEIGHT UP TO 7.5M) AND MEDIUM SIZE TREES (MATURE TREE HEIGHT 7.5M-14M) PROVIDED ALL OF THE FOLLOWING SIX CONDITIONS ARE MET:

1. THE MODIFIED PLASTICITY INDEX OF THE SOIL BETWEEN THE UNDERSIDE OF FOOTING (USF) AND A DEPTH OF 3.5M GENERALLY DOES NOT EXCEED 40%. THIS CORRESPONDS TO SOILS WITH LOW/MEDIUM POTENTIAL FOR SOIL VOLUME CHANGE. CLAY SOILS THAT EXCEED THE 40% PLASTICITY INDEX ARE CONSIDERED TO HAVE HIGH POTENTIAL FOR SOIL VOLUME CHANGE. FOR THESE WORST-CASE SOILS, THE SETBACKS AND TREE PLANTING RESTRICTIONS REMAIN UNCHANGED FROM THE 2005 CLAY SOILS POLICY (TREE SETBACK MUST EQUAL THE MATURE HEIGHT OF THE TREE - I.E. 7.5M SETBACK FOR SMALL TREES).

2. THE USF IS 2.1M OR GREATER BELOW THE LOWEST FINISHED GRADE. NOTE: THIS FOOTING LEVEL MUST BE SATISFIED FOR FOOTINGS WITHIN 10M OF THE TREE, AS MEASURED FROM THE CENTRE OF THE TREE TRUNK, AND VERIFIED BY MEANS OF

THE GRADING PLAN AS INDICATED IN THE PROCEDURAL CHANGES BELOW.

3. A SMALL SIZE TREE MUST BE PROVIDED WITH A MINIMUM OF 25M3 OF AVAILABLE SOIL VOLUME, AS DETERMINED BY A LANDSCAPE ARCHITECT. A MEDIUM SIZE TREE MUST BE PROVIDED WITH A MINIMUM OF 30M3 OF AVAILABLE SOIL VOLUME, AS DETERMINED BY A LANDSCAPE ARCHITECT. THE DEVELOPER WILL ENSURE THE SOIL IS GENERALLY UNCOMPACTED WHEN BACKFILLING IN STREET TREE PLANTING LOCATIONS.

NOTE: THE SOIL VOLUME CALCULATION MUST BE BASED ON A DEPTH OF 1.5M BELOW FINISHED GRADE (E.G. 5M LENGTH X 4M WIDTH AT SURFACE X 1.5M DEPTH = 30M3). IT MAY INCLUDE LANDS IN THE RIGHT-OF-WAY AND ON PRIVATE PROPERTY, BUT MUST SUBTRACT THE VOLUME OF SHALLOW UTILITY TRENCHES (I.E. VOLUME OF SHALLOW UTILITY TRENCHES CANNOT COUNT TOWARDS MINIMUM SOIL VOLUME).

4. THE TREE SPECIES MUST BE SMALL TO MEDIUM SIZE, AS CONFIRMED BY A LANDSCAPE ARCHITECT IN THE LANDSCAPE

5. THE FOUNDATION WALLS ARE TO BE REINFORCED AT LEAST NOMINALLY (MINIMUM OF TWO UPPER AND TWO LOWER 15M BARS IN THE FOUNDATION WALL) TO PROVIDE DUCTILITY AS DESCRIBED IN THE GEOTECHNICAL REPORT.

6. GRADING SURROUNDING THE TREE MUST PROMOTE DRAINING TO THE TREE ROOT ZONE (IN SUCH A MANNER AS NOT TO BE DETRIMENTAL TO THE TREE), AS NOTED ON THE SUBDIVISION GRADING PLAN.



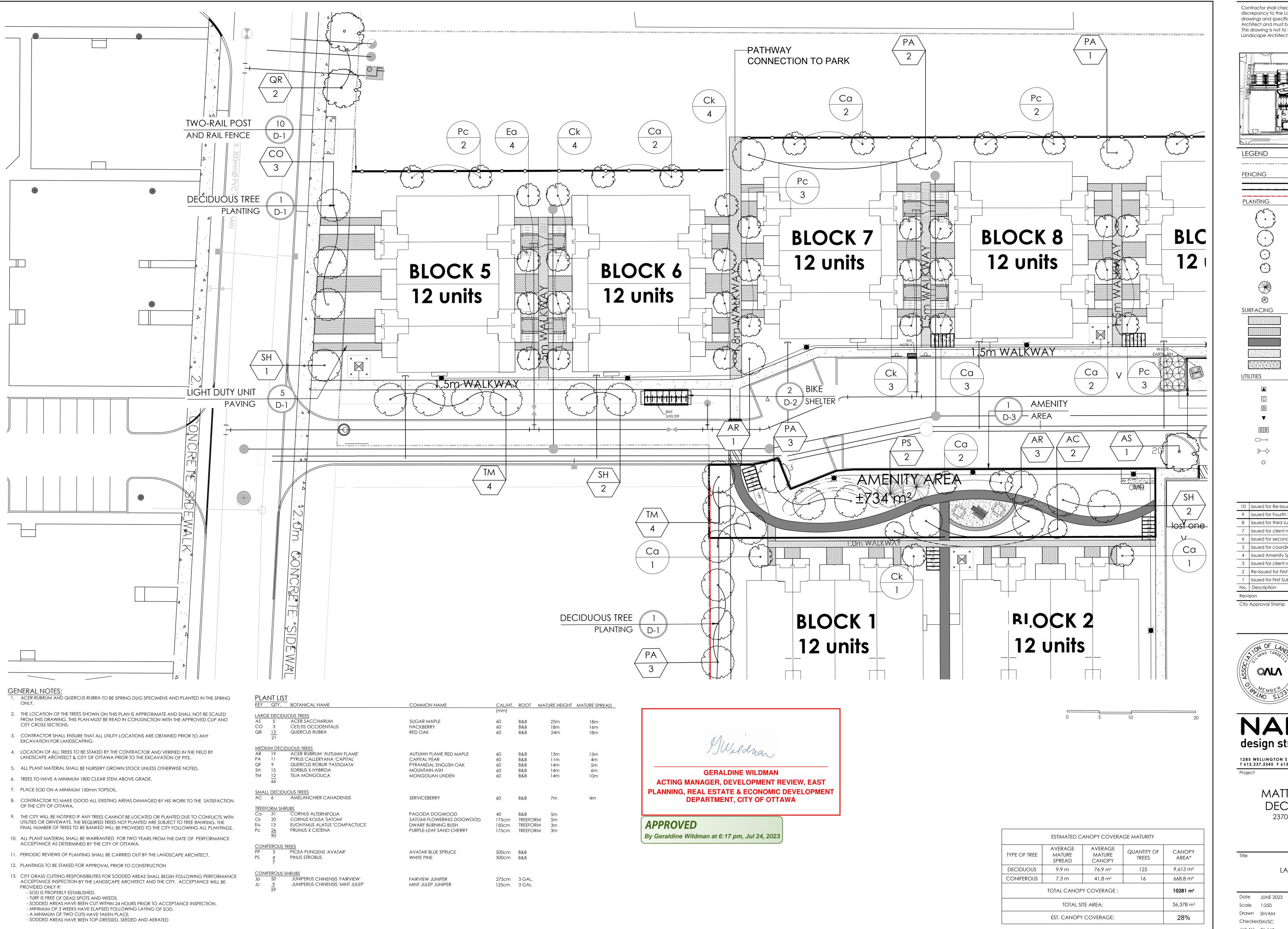
GERALDINE WILDMAN

ACTING MANAGER, DEVELOPMENT REVIEW, EAST
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA

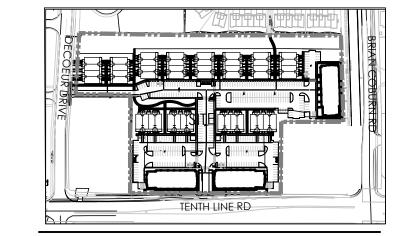
APPROVED

By Geraldine Wildman at 6:16 pm, Jul 24, 2023





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.



—————— PROPERTY LINE 1.5m WASTE ENCLOSURE FENCE

POST & RAIL FENCE 1.8m PRIVACY FENCE PLANTING LARGE DECIDUOUS TREE

MEDIUM DECIDUOUS TREE

SMALL DECIDUOUS TREE TREEFORM SHRUBS

CONIFEROUS TREE CONIFEROUS SHRUB SURFACING

UNIT PAVING WALKWAYS **UNIT PAVING ENTRANCES** ASPHALT PAVING CONCRETE PAVING STONEDUST PAVING

PROPOSED HYDRO TRANSFORMER PROPOSED CABLE PEDESTAL PROPOSED BELL PEDESTAL

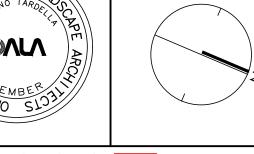
> CURB STOP PROPOSED BELL CABINET PROPOSED STREET LIGHT

EXISTING HYDRO POLE

FIRE HYDRANT

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_	9	Issued for Fourth Submission	June 05,
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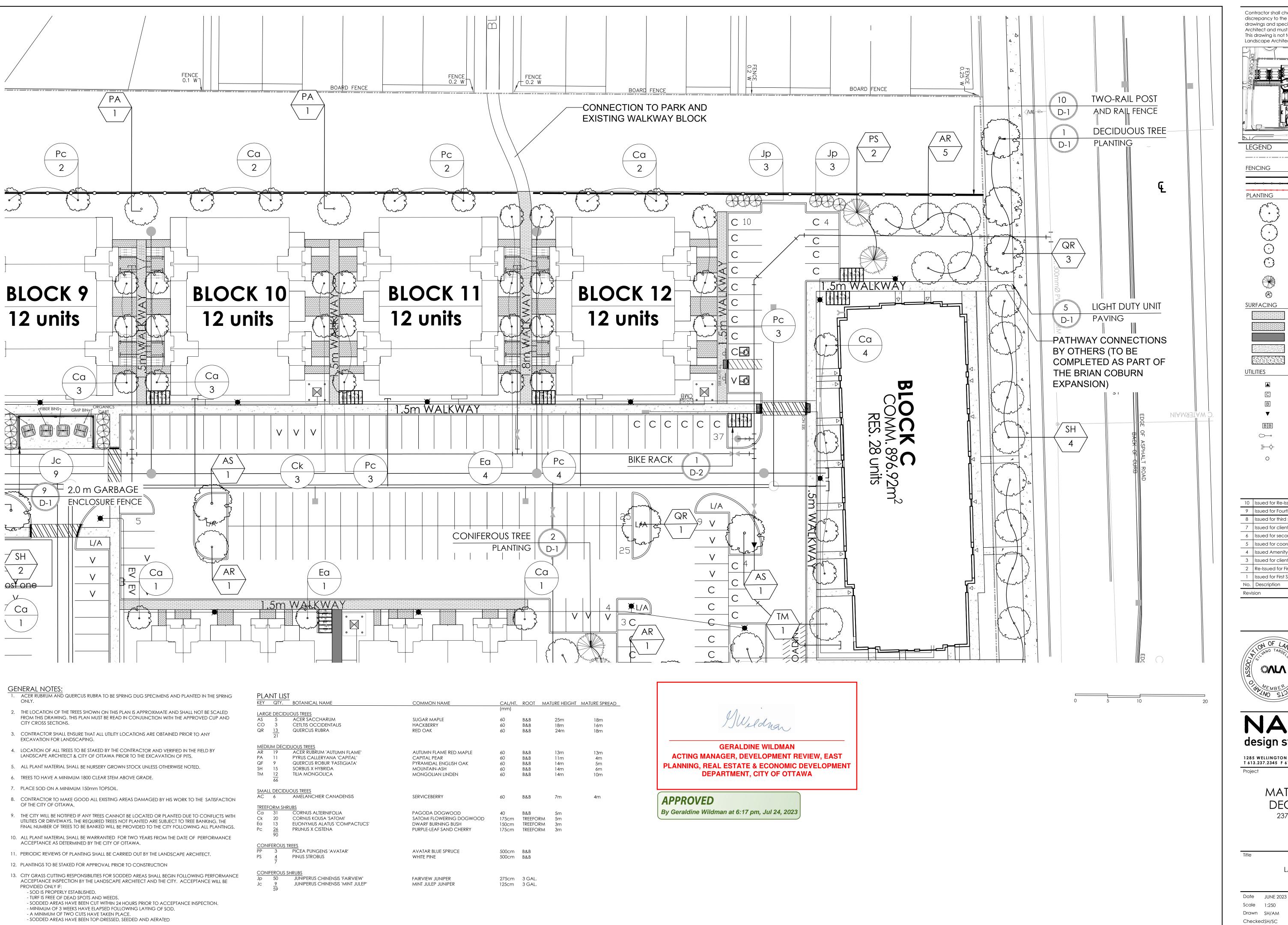
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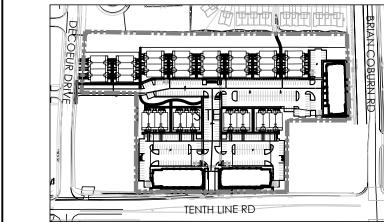
MATTAMY HOMES DECOEUR DRIVE 2370 TENTH LINE ROAD

LANDSCAPE PLAN

Date JUNE 2023 Scale 1:250 Drawn SH/AM CheckedSH/SC Job No. 21-165



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—————— PROPERTY LINE

1.5m WASTE ENCLOSURE FENCE POST & RAIL FENCE 1.8m PRIVACY FENCE

PLANTING

LARGE DECIDUOUS TREE MEDIUM DECIDUOUS TREE

SMALL DECIDUOUS TREE

CONIFEROUS SHRUB

TREEFORM SHRUBS CONIFEROUS TREE

SURFACING

UNIT PAVING WALKWAYS UNIT PAVING ENTRANCES ASPHALT PAVING

CONCRETE PAVING STONEDUST PAVING

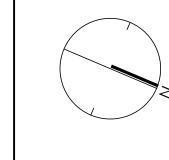
PROPOSED HYDRO TRANSFORMER PROPOSED CABLE PEDESTAL PROPOSED BELL PEDESTAL

CURB STOP PROPOSED BELL CABINET PROPOSED STREET LIGHT

FIRE HYDRANT EXISTING HYDRO POLE

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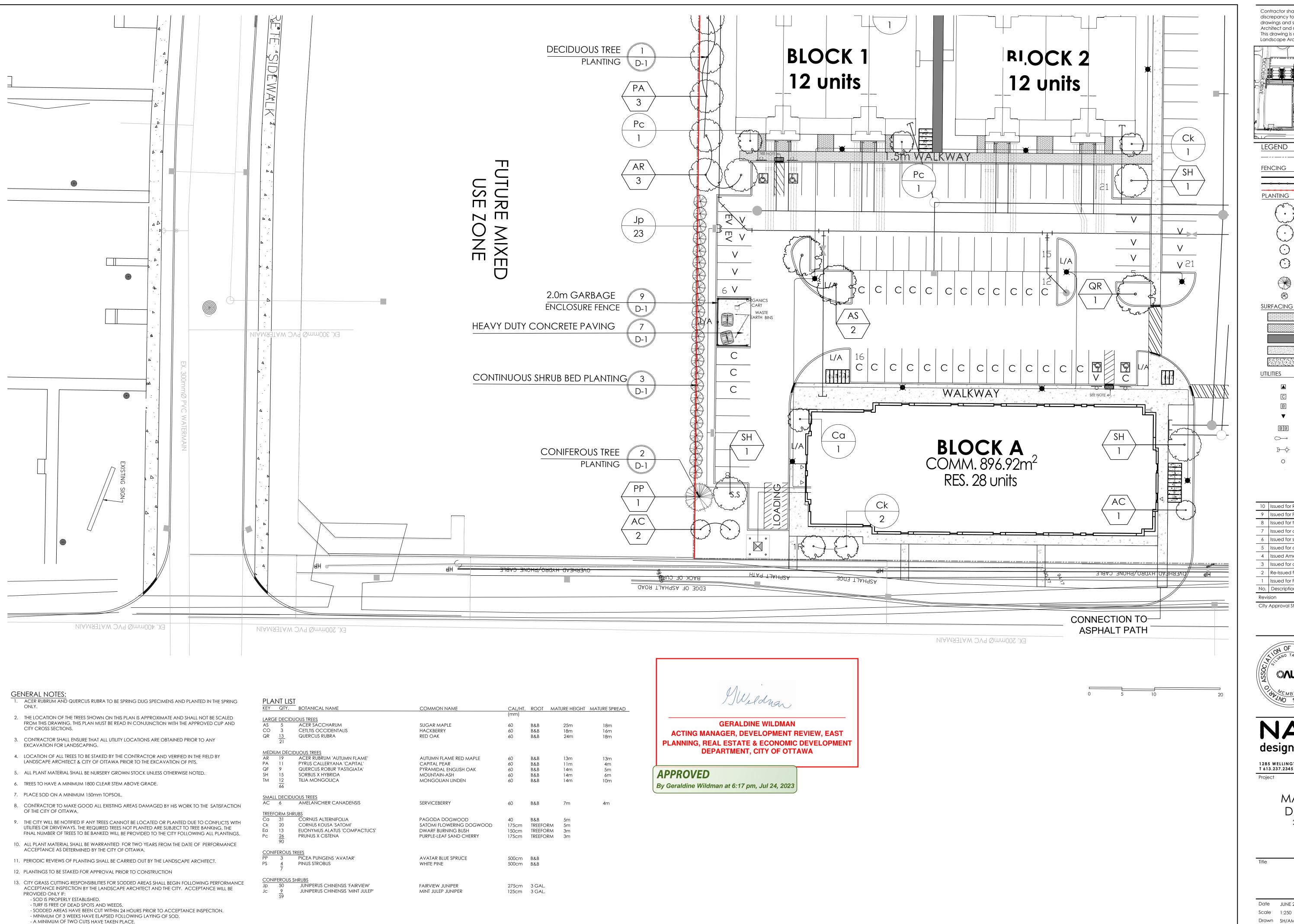


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MATTAMY HOMES DECOEUR DRIVE 2370 TENTH LINE ROAD

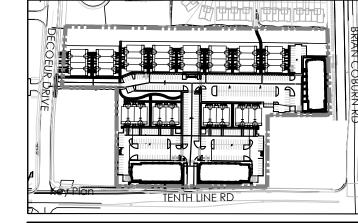
LANDSCAPE PLAN

Job No. 21-165



- SODDED AREAS HAVE BEEN TOP-DRESSED, SEEDED AND AERATED

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—————— PROPERTY LINE

1.5m WASTE ENCLOSURE FENCE POST & RAIL FENCE 1.8m PRIVACY FENCE

PLANTING

LARGE DECIDUOUS TREE MEDIUM DECIDUOUS TREE SMALL DECIDUOUS TREE

TREEFORM SHRUBS CONIFEROUS TREE

CONIFEROUS SHRUB **SURFACING**

UNIT PAVING WALKWAYS

UNIT PAVING ENTRANCES ASPHALT PAVING CONCRETE PAVING STONEDUST PAVING

PROPOSED HYDRO TRANSFORMER

PROPOSED CABLE PEDESTAL PROPOSED BELL PEDESTAL CURB STOP

PROPOSED BELL CABINET PROPOSED STREET LIGHT FIRE HYDRANT

EXISTING HYDRO POLE

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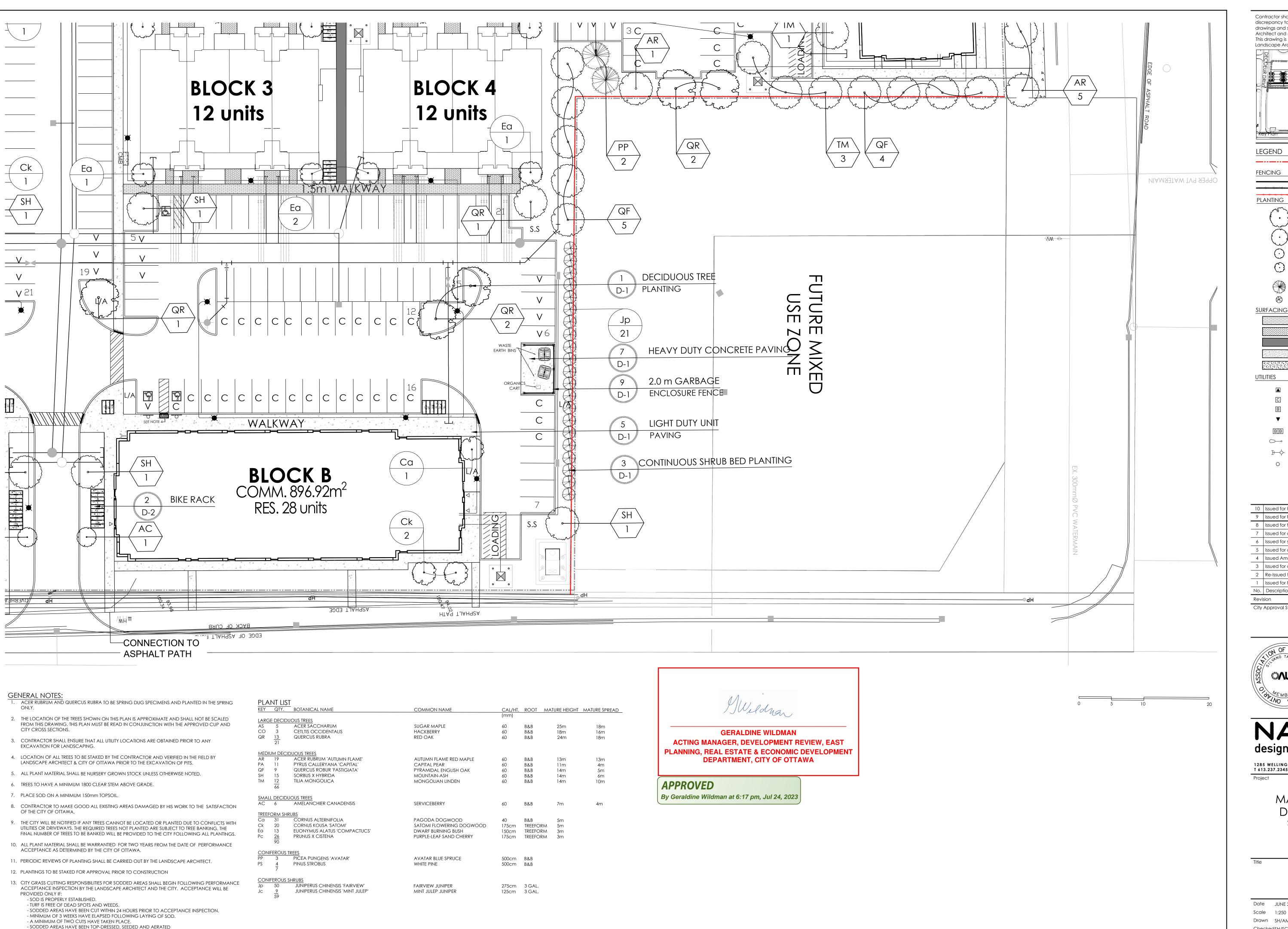
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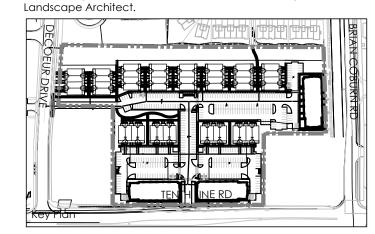
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Job No. 21-165

Date JUNE 2023 Drawn SH/AM CheckedSH/SC



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LEGEND	
	PROPERTY LINE
ENCING	
	1.5m WASTE ENCLO
	POST & RAIL FENCE
	1.8m PRIVACY FEN

LOSURE FENCE

LARGE DECIDUOUS TREE MEDIUM DECIDUOUS TREE SMALL DECIDUOUS TREE

TREEFORM SHRUBS

CONIFEROUS TREE CONIFEROUS SHRUB

UNIT PAVING WALKWAYS **UNIT PAVING ENTRANCES** ASPHALT PAVING CONCRETE PAVING STONEDUST PAVING

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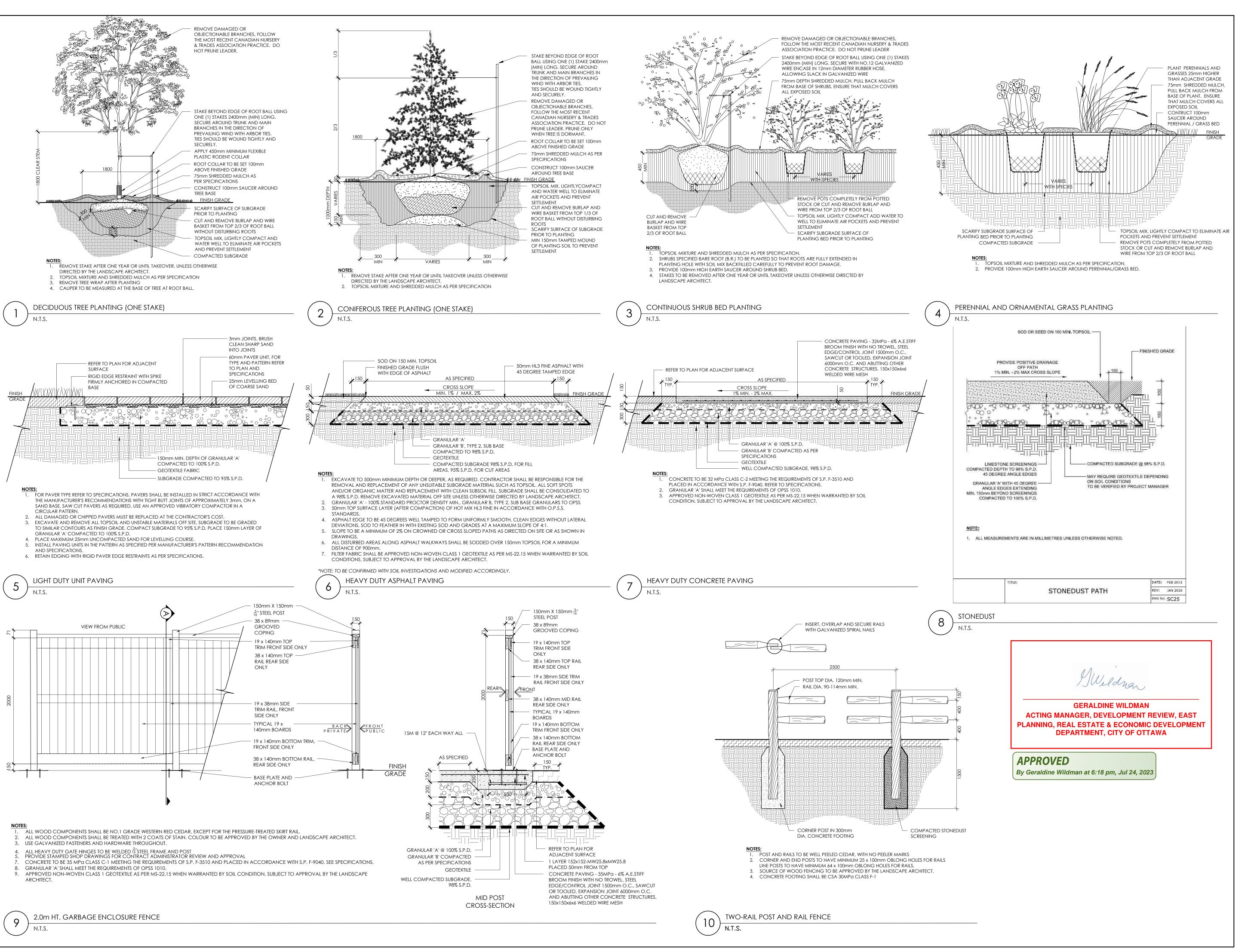


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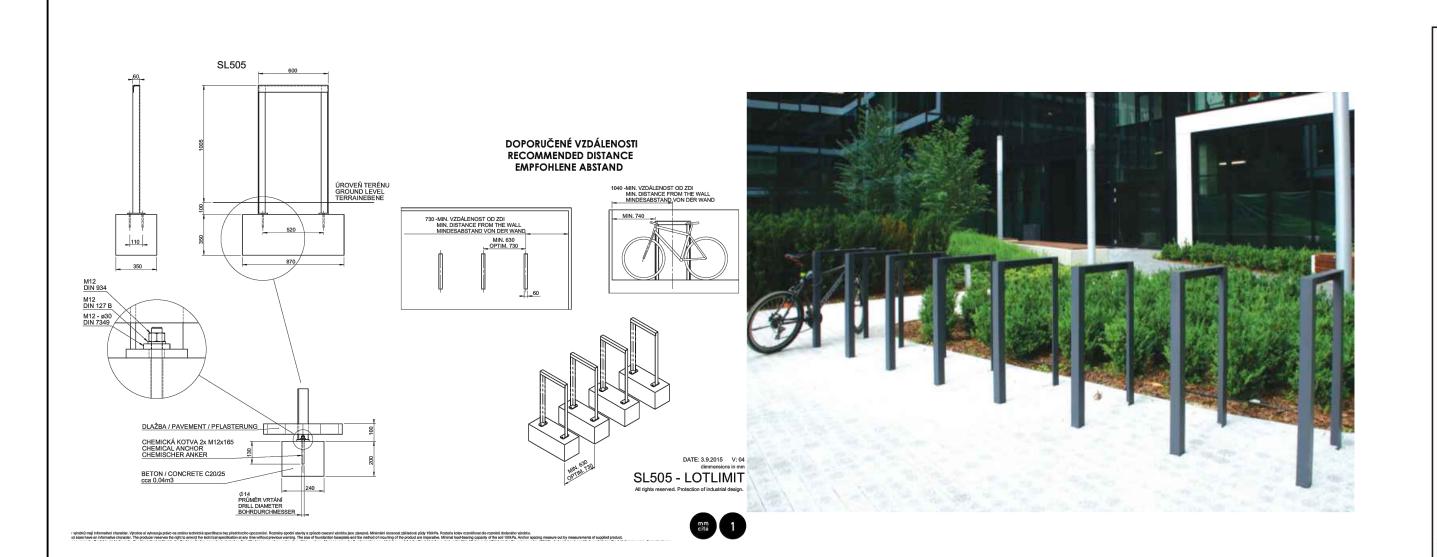
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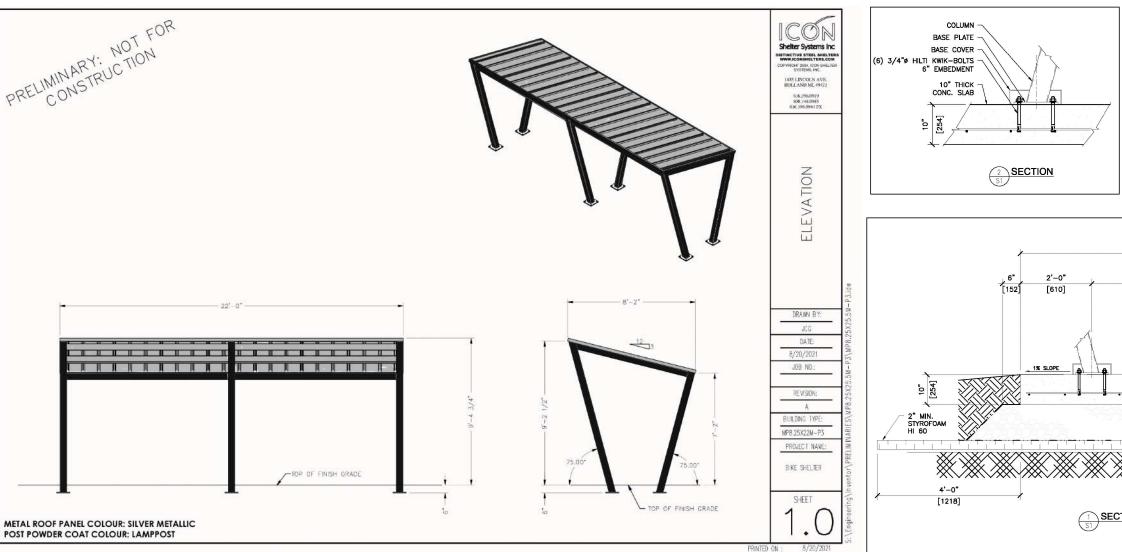
MATTAMY HOMES DECOEUR DRIVE

DETAILS

Job No. 21-165

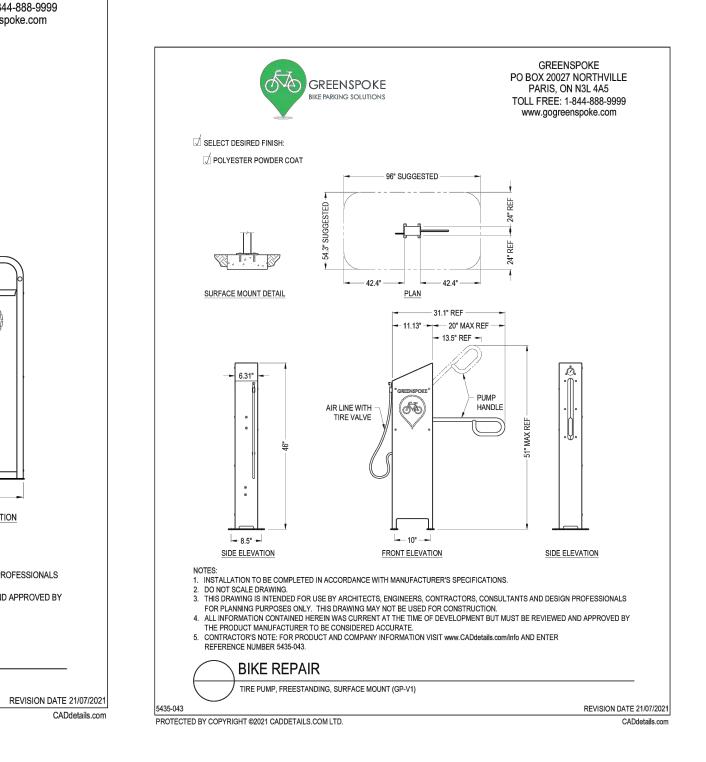
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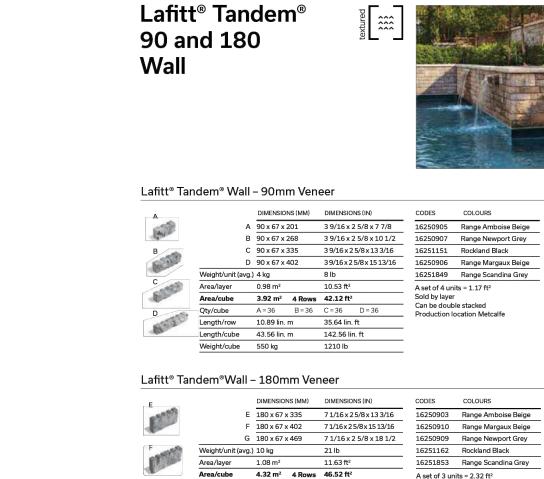




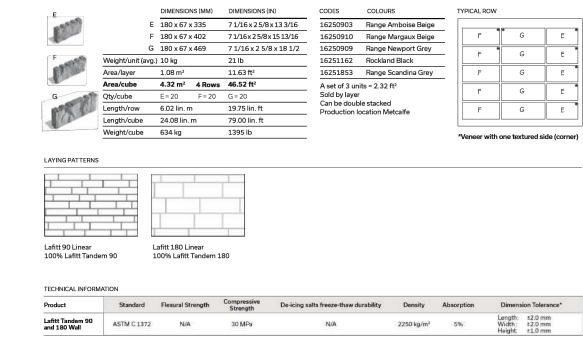
BIKE RACK

GREENSPOKE PO BOX 20027 NORTHVILLE GREENSPOKE PARIS, ON N3L 4A5 TOLL FREE: 1-844-888-9999 www.gogreenspoke.com SELECT DESIRED FINISH: DOLYESTER POWDER COAT 96" SUGGESTED AIR LINE WITH TIRE VALVE 42.4" ——— 42.4" ——— PLAN 16" ----REPAIR 11.1" ----SURFACE MOUNT DETAIL REAR ELEVATION FRONT ELEVATION

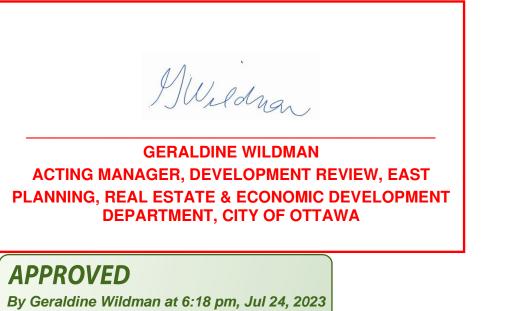




BIKE SHELTER



ttions: Retaining wall (by using 90 mm and 180 mm Next structural units) - Double-sided wall (by using double-sided concrete or plastic connector) -by using the Tandem Wall Grid Pillar Kit) - Steps (by using Lafitt Plus Step unit) mended Capping units: Lafitt Plus Capping unit and Mondrian Plus Capping unit nal details: See our landscaping installation guide on our website.



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DECOEUR DRIVE

2370 TENTH LINE ROAD

DETAILS Date JUNE 2023 Scale 1:250 Drawn SH/AM CheckedSH/SC Job No. 21-165



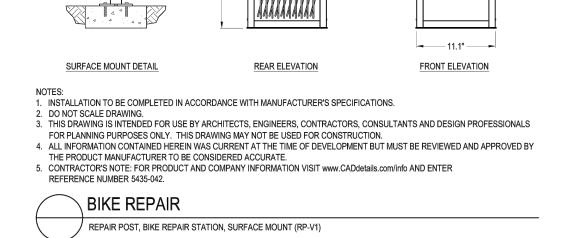
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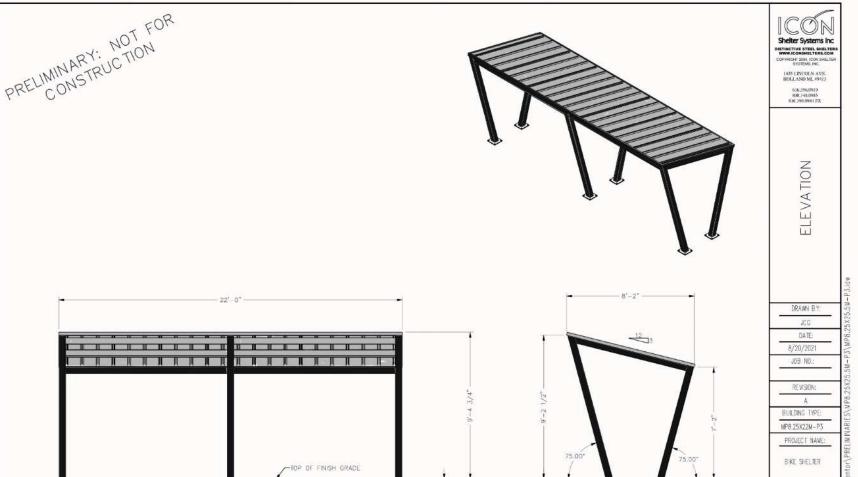


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BIKE REPAIR STATION

N.T.S.





(7) 15M BARS 1" SAND LEVELLING COURSE

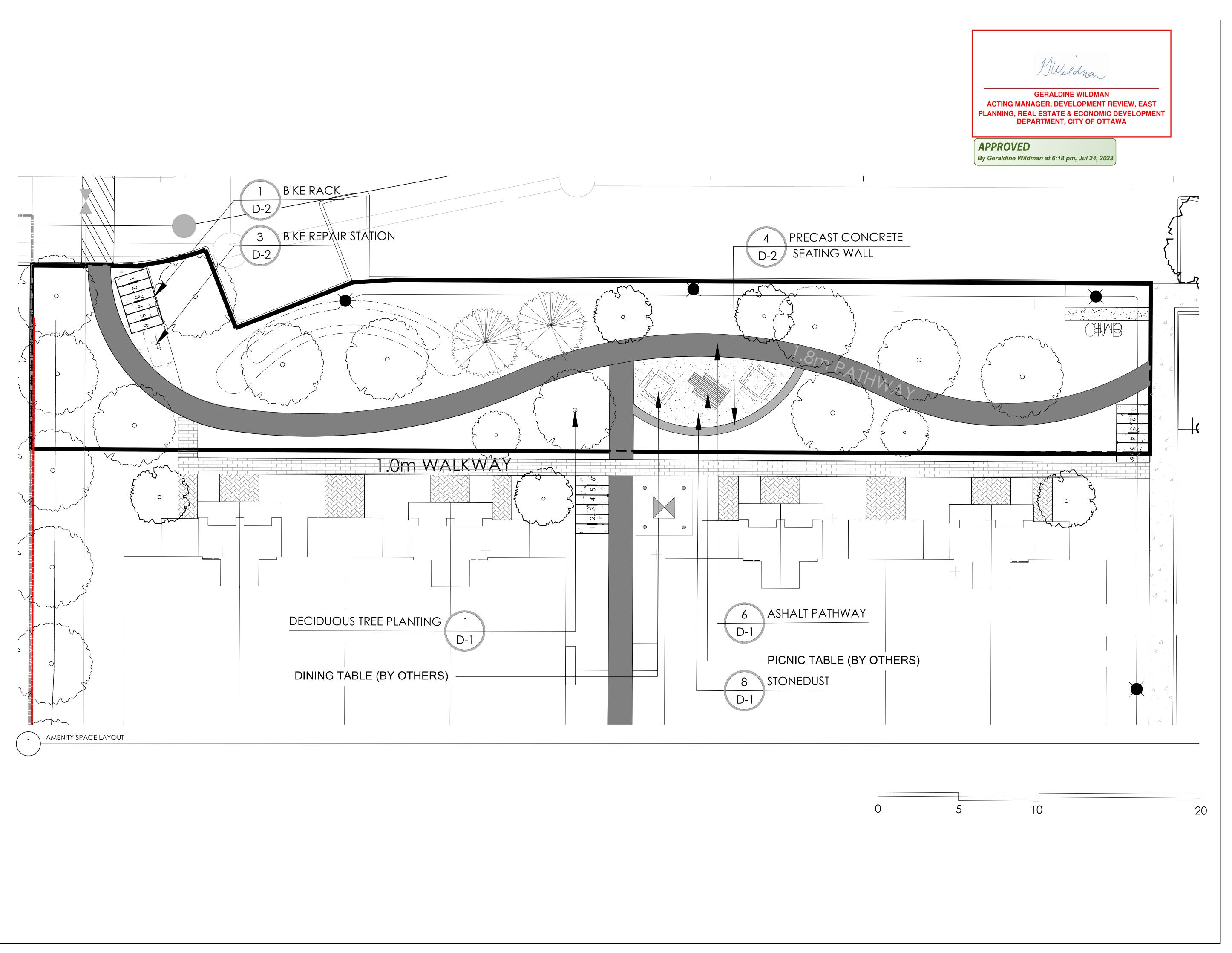
- 15M BARS @ 12"o/c

APPROVED UNDISTURBED SUBGRADE
OR TYPE 2 GRANULAR FILL
COMPACTED IN 12" LIFTS TO
100% STANDARD PROCTOR DENSITY
TO EXTEND UNDER ENTIRE CONCRETE SLAB

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MATTAMY HOMES



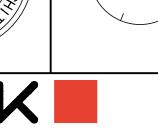
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MATTAMY HOMES
DECOEUR DRIVE
2370 TENTH LINE ROAD

Titl

DETAIL AMENITY AREA

Date JUNE 2023
Scale 1:100
Drawn SH/AM
Checked SH/SC
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