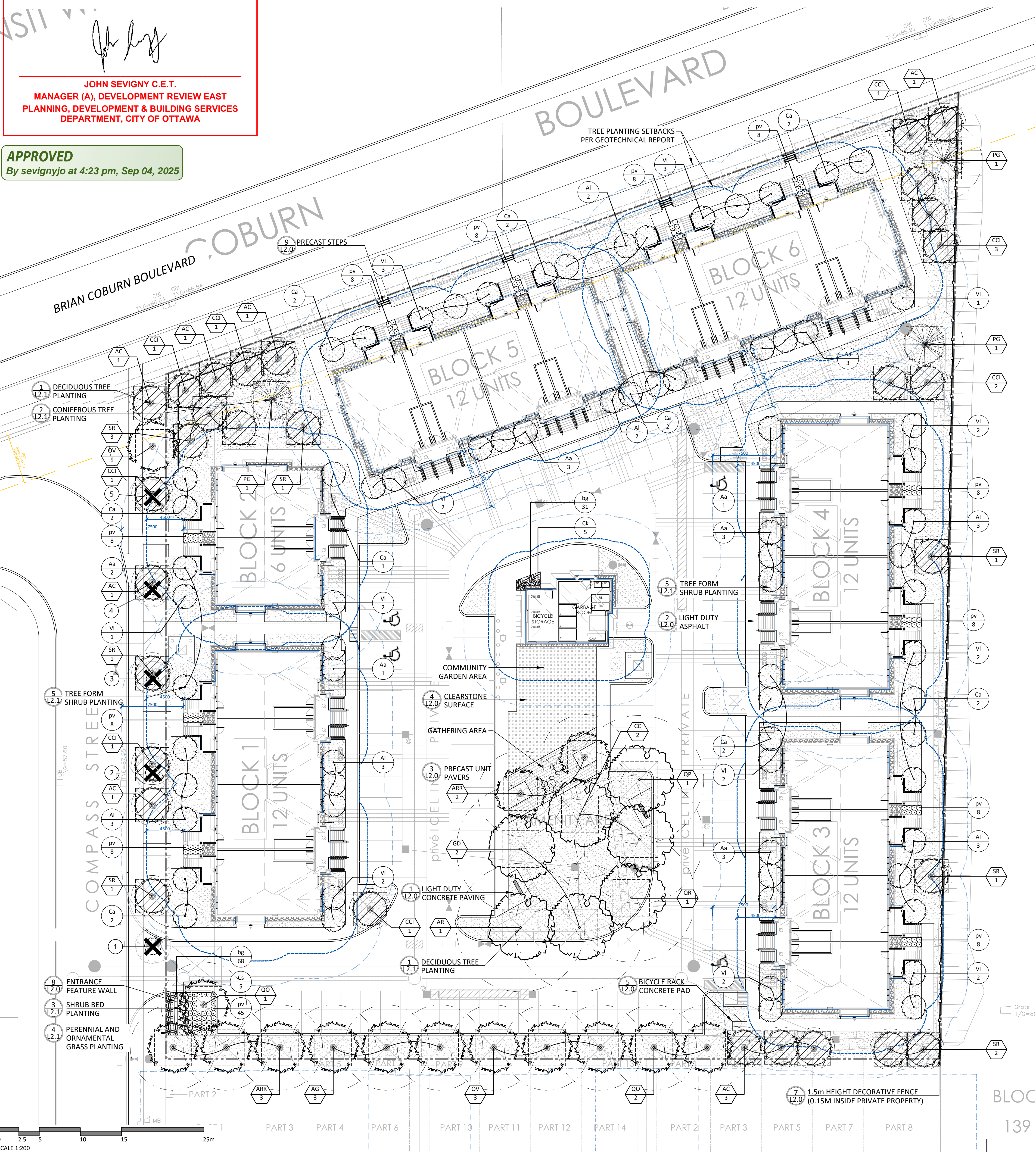



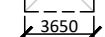


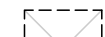






JOHN SEVIGNY C.E.T.
MANAGER (A), DEVELOPMENT REVIEW EAST
PLANNING, DEVELOPMENT & BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

APPROVED
By sevignyjo at 4:23 pm, Sep 04, 2025



| TREE CONSERVATION REPORT | | | | | | | |
|--------------------------|-----------------|-----------------|----------|-----------|-----------|--|-----------------|
| Tree # | Botanical Name | Common Name | DBH (cm) | Ownership | Condition | Notes | To Be Preserved |
| 1 | Acer saccharum | Sugar Maple | 11 | City | GOOD | Symmetrical canopy, Die Back: ~5% @ crown, Single stem | NO |
| 2 | Acer saccharum | Sugar Maple | 14 | City | GOOD | Symmetrical canopy, Single stem, Bark damage @ root flare | NO |
| 3 | Quercus Bicolor | Swamp White Oak | 12 | City | GOOD | Symmetrical canopy, Single Stem, Co-dominant Leaders: 2@ ~3m above grade | NO |
| 4 | Quercus Bicolor | Swamp White Oak | 10 | City | GOOD | Symmetrical canopy, Die Back: ~5% @ canopy, Single stem | NO |
| 5 | Quercus Bicolor | Swamp White Oak | 12 | City | GOOD | Symmetrical canopy, Single Stem | NO |

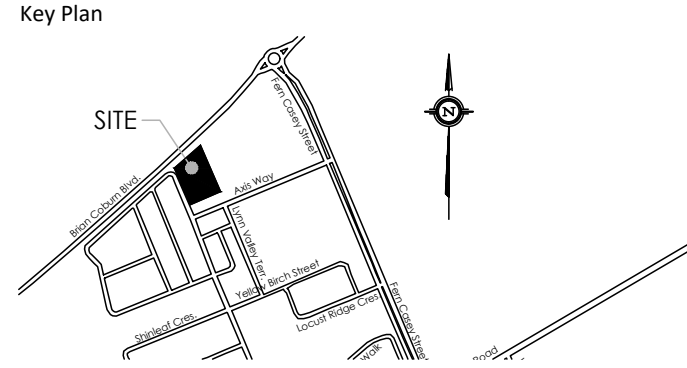
| SOIL VOLUME PROJECTIONS (NTS)* | | | TREE SOIL VOLUMES | | | | |
|--|---|---|---|----------------|-------------------------|-------------------------------------|---|
| | SINGLE | MULTIPLE | CLAY SOILS | TREE TYPE/SIZE | SINGLE TREE SOIL VOLUME | MULTIPLE TREE SOIL VOLUME (m3/TREE) | SOIL VOLUME FOR MARINE CLAY AREAS (SINGLE TREE) |
| SMALL |  |  |  | | | | |
| MEDIUM/ CONIFER |  |  |  | | | | |
| LARGE |  |  | | | | | |
| | | | | 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) | | PROPOSED TREE CANOPY PROJECTIONS | | | |
|---|---|---|---|---|------------------------------|
| LARGE |  | TREE TYPE/SIZE | CROWN AREA PER TREE STANDARD RANGE (m²) | CROWN AREA PER TREE USED FOR CALC. (m²) | SITE CANOPY COVER |
| | | LARGE (7) | 135-250* | 192 | CANOPY (W. OVERLAP): 1,835m² |
| | | MEDIUM (15) | 35-135* | 85 | |
| | | SMALL (25) | 5-35* | 20 | |
| | | CONIFER (3) | 45-96* | 70 | |
| PROPOSED STREET TREE CANOPY PROJECTIONS OVER SITE | | | | | |
| SMALL |  | PROPOSED STREET TREE CANOPY, m² CALCULATION BASED ON PROPOSED TREE SPECIES CANOPY AT MATURITY | | | CANOPY (W. OVERLAP): 28m² |
| | | *RANGE OF CROWN AREAS IS IN ACCORDANCE WITH PROPOSED TREES SPECIES | | | SITE: 9,560m² |
| | | **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: 19.49% |
| CONIFER |  | | | | |

| PLANT LIST | | | | | | |
|---|------------------------|---------------------------------------|--------------------------------|---------------------------------|----------------|-----------------|
| KEY | QTY | BOTANICAL NAME | COMMON NAME | SIZE | REMARKS | NAT. OWNER |
| DECIDUOUS TREES - LARGE (15-30M HEIGHT) | | | | | | |
| AR | 1 | ACER RUBRUM | RED MAPLE | 70mm | B&B | Y PRIVATE |
| CC | 2 | CARYA CORDIFORMIS | BITTERNUT HICKORY | 70mm | B&B | Y PRIVATE |
| GD | 2 | GYMNOCLADUS DIOICUS | KENTUCKY COFFEE TREE | 70mm | B&B | Y PRIVATE |
| QP | 1 | QUERCUS PALUSTRIS | PIN OAK | 70mm | B&B | Y PRIVATE |
| QR | 1 | QUERCUS RUBRA | RED OAK | 70mm | B&B | Y PRIVATE |
| DECIDUOUS TREES - MEDIUM (8-14M HEIGHT) | | | | | | |
| AG | 3 | AESCULUS GLABRA | OHIO BUCKEYE | 70mm | B&B | Y PRIVATE |
| ARR | 5 | ACER RUBRUM 'REDPOINTE' | REDPOINTE RED MAPLE | 70mm | B&B | N PRIVATE |
| OV | 4 | OSTRYA VIRGINIANA | IRONWOOD | 50mm | B&B | Y CITY/ PRIVATE |
| QO | 3 | QUERCUS PRINUS | CHESNUT OAK | 50mm | B&B | Y PRIVATE |
| DECIDUOUS TREES - SMALL (6-8M HEIGHT) | | | | | | |
| AC | 9 | AMELANCHIER CANADENSIS | SERVICEBERRY | 50mm | B&B, TREE FORM | Y CITY/ PRIVATE |
| CCI | 11 | CRATAEGUS CRUSGALI 'INERMIS' | THORNTLESS HAWTHORN | 250cm, 15 GAL | PT, TREE FORM | N PRIVATE |
| SR | 10 | SYRINGA RETICULATA 'IVORY SILK' | JAPANESE LILAC | 50mm | B&B, TREE FORM | N CITY/ PRIVATE |
| CONIFEROUS TREES | | | | | | |
| PG | 3 | PICEA GLAUCA | WHITE SPRUCE | 200cm | B&B | Y PRIVATE |
| MULTISTEM SHRUBS | | | | | | |
| Aa | 16 | AMELANCHIER ALNIFOLIA 'REGEN' | SASKATOON SERVICEBERRY 'REGEN' | 125cm HT | PT, CLUMP | N PRIVATE |
| Al | 16 | AMELANCHIER LAEVIS | ALLEGHENY SERVICEBERRY | 125cm HT | PT, CLUMP | Y PRIVATE |
| Ca | 17 | CORNUS ALTERNIFOLIA | PAGODA DOGWOOD | 125cm HT | PT, CLUMP | Y PRIVATE |
| VI | 24 | VIBURNUM LENTAGO | NANNYBERRY | 125cm HT | PT, CLUMP | Y PRIVATE |
| DECIDUOUS SHRUBS | | | | | | |
| Cs | 5 | CORNUS SERICEA 'FARROW' | ARCTIC FIRE WOOD | 50CM, 3 GAL | POTTED | N PRIVATE |
| Ck | 5 | CORNUS SERICEA 'KELSEY' | KELSEY DWARD DOGWOOD | 50CM, 3 GAL | POTTED | N PRIVATE |
| GRASSES/PERENNIALS | | | | | | |
| bg | 99 | BOUTELOUA GRACILIS | SIDE OATS GRAMA | 1 GAL | POTTED | Y PRIVATE |
| pv | 141 | PANICUM VIRGATUM | SWITCHGRASS | 1 GAL | POTTED | Y PRIVATE |
| TOTAL | | | | | | |
| TREE SIZE | | QUANTITY - PRIVATELY OWNED (47 TOTAL) | | QUANTITY - CITY OWNED (8 TOTAL) | | |
| 7 | LARGE DECIDUOUS TREES | 7 | | 0 | | |
| 15 | MEDIUM DECIDUOUS TREES | 14 | | 1 | | |
| 30 | SMALL DECIDUOUS TREES | 23 | | 7 | | |
| 3 | CONIFEROUS TREES | 3 | | 0 | | |

NOTES:
THE LANDSCAPE PLAN WAS PREPARED IN CONJUNCTION WITH THE GEOTECHNICAL REPORT AND MEMO(S) PREPARED BY PATERSON GROUP:
• REPORT PG6406-1 REV 1, DATED OCTOBER 10, 2024
• MEMO PG6406-MEMO.01 REV 1, DATED APRIL 29, 2025
REFER TO SHEET L2.1 FOR TREE PLANTING IN MARINE CLAY SOILS NOTES.

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.

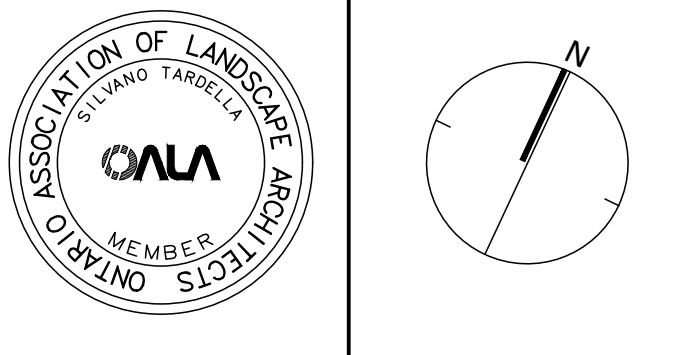


| LEGEND | |
|--------------|---|
| --- | PROPERTY LINE |
| --- | GEOTECHNICAL FOUNDATION SETBACK (7.5m) |
| --- | GEOTECHNICAL FOUNDATION SETBACK (4.5m) (SMALL TREES ONLY) |
| --- | O/H SETBACK TO MEDIUM SIZE TREE (6.0m) |
| --- | FENCING |
| --- | DECORATIVE FENCE |
| PLANTING | |
| --- | LARGE DECIDUOUS TREE |
| --- | MEDIUM DECIDUOUS TREE |
| --- | SMALL DECIDUOUS TREE |
| --- | CONIFEROUS TREE |
| --- | TREE FORM SHRUB |
| --- | DECIDUOUS/CONIFEROUS SHRUB |
| --- | GRASSES/PERENNIALS |
| --- | SODDING |
| --- | PRECAST EDGER |
| PAVING | |
| --- | LIGHT DUTY ASPHALT WALKWAYS |
| --- | PRECAST UNIT PAVERS |
| --- | RIESTONE PAVING |
| --- | CRUSHED GRANITE |
| PLANTING KEY | |
| --- | TREE SPECIES |
| --- | QUANTITY |
| --- | SHRUB/PERENNIAL SPECIES |
| --- | QUANTITY |

| DETAIL KEY | |
|--------------------------|----------------------------|
| --- | DETAIL NO. |
| --- | SHEET NO. |
| TREE CONSERVATION REPORT | |
| --- | CRITICAL ROOT ZONE |
| --- | TREE IDENTIFICATION NUMBER |
| --- | TREE TO BE REMOVED |

| | | |
|-----|--------------------------------|----------|
| 7 | Issued for Third Submission | 25-07-24 |
| 6 | Issued for Second Submission | 25-05-27 |
| 5 | Issued for Second Submission | 25-05-16 |
| 4 | Re-issued for First Submission | 25-01-02 |
| 3 | Re-issued for First Submission | 24-12-18 |
| 2 | Issued for First Submission | 24-11-04 |
| 1 | Issued for Client Review | 24-10-25 |
| No. | Description | Date |

Revision
City Approval Stamp
PROPERTY INFORMATION
BLOCK 140 ON REGISTERED PLAN 4M-1544,
PART 1 ON 4R-35191



NAK
design strategies
1285 WELLINGTON STREET, OTTAWA, ON K1Y 3A8 CANADA
T 613.237.2345
Project

640 COMPASS STREET
OTTAWA, ON

| LANDSCAPE SITE PLAN AND TREE CONSERVATION REPORT | | |
|--|------------|-------|
| Date | 2024-10-07 | Sheet |
| Scale | 1:250 | |
| Drawn | MK | L1.0 |
| Checked | MK | |
| Job No. | 24-089 | |