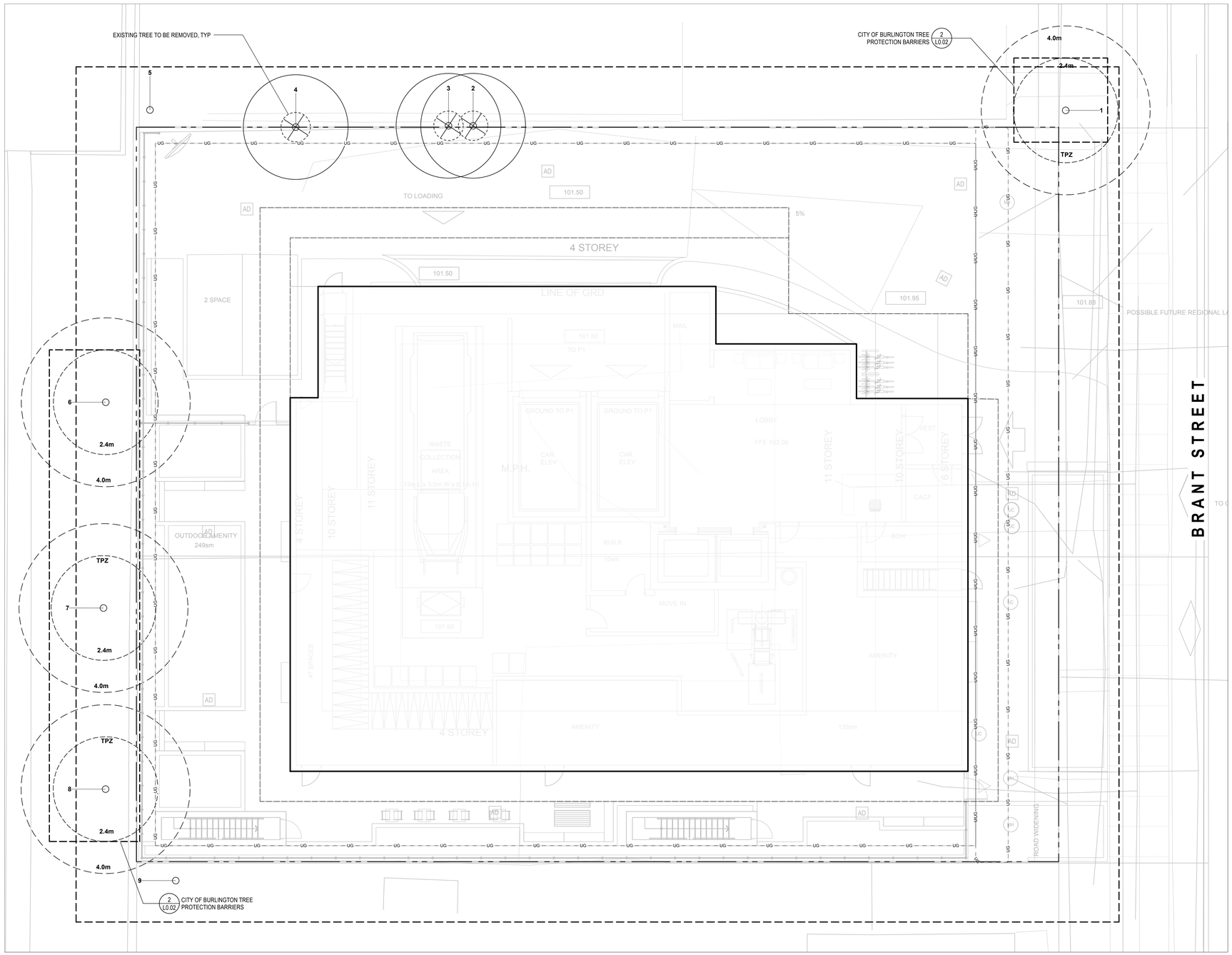
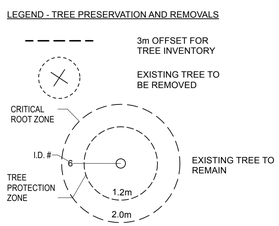



TABLE 1. TREE INVENTORY - TREE INVENTORY AND PRESERVATION PLAN REPORT - KUNTZ FORESTRY 2025/10/22

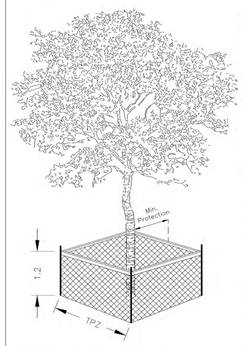
| Tree # | Common Name | Scientific Name | DBH | TI | CS | CV | S/H Rating | CDB | DL | mTPZ | Encr. mTPZ (%) | CRZ | Encr. mTPZ (%) | Comments | Owner | Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Siberian Elm | *Ulmus pumila* | 16, 11, 10 | F-G | G | F-G | F-G | | 1.5 | 2.4 | 12 | 4.0 | 18 | Union at base and 0.6m with included bark (M) | City | Preserve |
| 2 | Green Ash | *Fraxinus pennsylvanica* | 10.5 | P | P | P | P | 75 | 1.0 | 2.4 | 50 | 4.0 | 50 | Grape vine competition (M) | Private/ Neighbour | Remove |
| 3 | Eastern Cottonwood | *Populus deltoides* | 19 | G | G | G | G | | 1.0 | 2.4 | 50 | 4.0 | 50 | Sweep (L), grape vine competition (L) | Private/ Neighbour | Remove |
| 4 | Green Ash | *Fraxinus pennsylvanica* | 13 | P | P | P | P | 90 | 1.0 | 2.4 | 50 | 4.0 | 50 | Dead except a few lower branches | Private/ Neighbour | Remove |
| 5 | Willow species | *Salix spp.* | ~90 | P | P | P-F | P | 80 | 2.5 | - | - | - | - | Main stem cut at 4m, coppice growth (H) | Neighbour | Preserve |
| 6 | Freeman Maple | *Acer x freemanii* | ~17 | G | G | G | G | | 1.5 | 2.4 | 10 | 4.0 | 25 | | Neighbour | Preserve |
| 7 | Freeman Maple | *Acer x freemanii* | ~12 | G | G | G | G | | 1.5 | 2.4 | 10 | 4.0 | 25 | | Neighbour | Preserve |
| 8 | Freeman Maple | *Acer x freemanii* | ~14 | G | G | G | G | | 1.5 | 2.4 | 10 | 4.0 | 25 | | Neighbour | Preserve |
| 9 | Willow species | *Salix spp.* | ~60 | P | P | P-F | P | 75 | 3.0 | - | - | - | - | Main stem cut at 4m, coppice growth (H), broken branches (H) | Neighbour | Preserve |

1 TABLE 1. TREE INVENTORY

LEGEND - TREE PRESERVATION AND REMOVALS




**Tree Protection and Preservation**
**Specification No.: SS12A**




**Detail TP-1 – Tree Protection Detail.**

| Trunk Diameter (DBH) [2] | Minimum Tree Protection Zone (MTPZ) Distances Required [3] | Critical Root Zone (CRZ) Distances Required [3&4] |
|---|---|---|
| < 10 cm | 1.8 m | 1.8 m |
| 11 - 40 cm | 2.4 m | 4.0 m |
| 41 - 50 cm | 3.0 m | 5.0 m |
| 51 - 60 cm | 3.6 m | 6.0 m |
| 61 - 70 cm | 4.2 m | 7.0 m |
| 71 - 80 cm | 4.8 m | 8.0 m |
| 81 - 90 cm | 5.4 m | 9.0 m |
| 91 - 100+ cm | 6.0 m | 10.0 m |

NOTES:

[1] The roots of a tree can extend from the trunk to approximately 2-3 times the distance of the drip line.
[2] Diameter at breast height (DBH) is the measurement of tree trunk taken at 1.4 metres above ground.
[3] Minimum Tree Protection Zone and Critical Root Zone distances are to be measured from the outside edge of the tree base towards the drip line and may be limited by an existing paved surface, provided the existing paved surface remains intact throughout the construction work and is subject to Section 6 of this specification.
[4] Where work is being performed beyond the Minimum Tree Protection Zone but within the Critical Root Zone the works are subject to Section 8 of this specification.

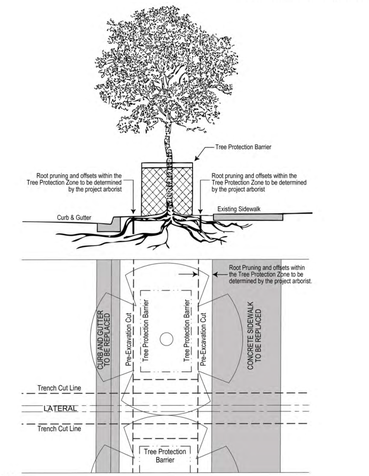
**TREE PROTECTION BARRIER**

1. The required barrier is a 1.2 metre (4 ft) high orange plastic web snow fencing on 2" x 4" frame. Where orange plastic web snow fencing creates a restriction to sightlines, page wire fencing with reflective tape can be used.
2. Tree protection barriers are to be erected prior to the commencement of any construction or grading activities on the site and are to remain in place throughout the entire duration of the project. The barriers shall be maintained erect and in good repair throughout the duration of construction operations with breaks and unsupported sections repaired immediately. Tree protection may be not be removed prior to the completion of construction without written authorization from the City Arborist.
3. All supports and bracing used to safely secure the barrier should be located outside the MTPZ. All supports and bracing should minimize damage to roots.
4. Where some fill or excavated material must be temporarily located near a MTPZ, a wooden barrier with silt fencing must be used to ensure no material enters the MTPZ.
5. No materials or fill may be stored within the MTPZ.
6. Equipment or vehicles shall not be operated, parked, repaired, or refueled within the MTPZ.
7. No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the MTPZ without written authorization from the City Arborist.
8. A laminated Minimum Tree Protection Zone sign (See Detail TP-3 – Minimum Tree Protection Zone Sign) must be attached to the side of the Tree Protection where it will be visible by persons entering the site. Minimum size must be 10"x14".

2 CITY OF BURLINGTON TREE PROTECTION BARRIERS
N.T.S.

**Tree Protection and Preservation**
**Specification No.: SS12A**

**Detail TP-2 – Root Pruning Detail**




**NOTE:**
For excavations perpendicular to to the curbing (ie. sidewalk, curbing, water or sewer laterals renewal)

(a) The contractor is to use a trench box to minimize the width of the open cut.
(b) When the lateral replacement is within the Tree Protection Zone of a tree, the contractor is to complete the works using trenchless technologies.

3 CITY OF BURLINGTON - ROOT PRUNING
N.T.S.




4 TREE PROTECTION ZONE SIGNAGE

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Landscape Architects

1A Howard Park Avenue, Unit 2
Toronto, ON M6R 1V3
t. 416.239.9818
f. 416.239.1310
www.pmalarch.ca

LEGEND

- PROPERTY LIMIT
- LIMIT OF WORK
- FENCING
- BUILDING LIMIT - UNDERGROUND
- BUILDING LIMIT - OVERHEAD
- TREE PROTECTION FENCING
- PERENNIAL / SHRUB PLANTING BED
- GRASS LAWN
- UNIT PAVING
- PARKING
- BICYCLE PARKING
- PICNIC TABLE
- BENCH
- TABLE AND CHAIRS
- MANHOLE, UTILITY COVERS & AREA DRAINS - REFER TO CIVIL
- PROPOSED TREES & LARGE SHRUBS

PROJECT NORTH

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS
FUNG LEE
2025-12-18
OALA
MEMBER

REVISIONS / ISSUED

| No. | Description | Date | By |
|---|---|---|---|
| 1 | ISSUED FOR ZBA | 2025-12-19 | CS |

CLIENT

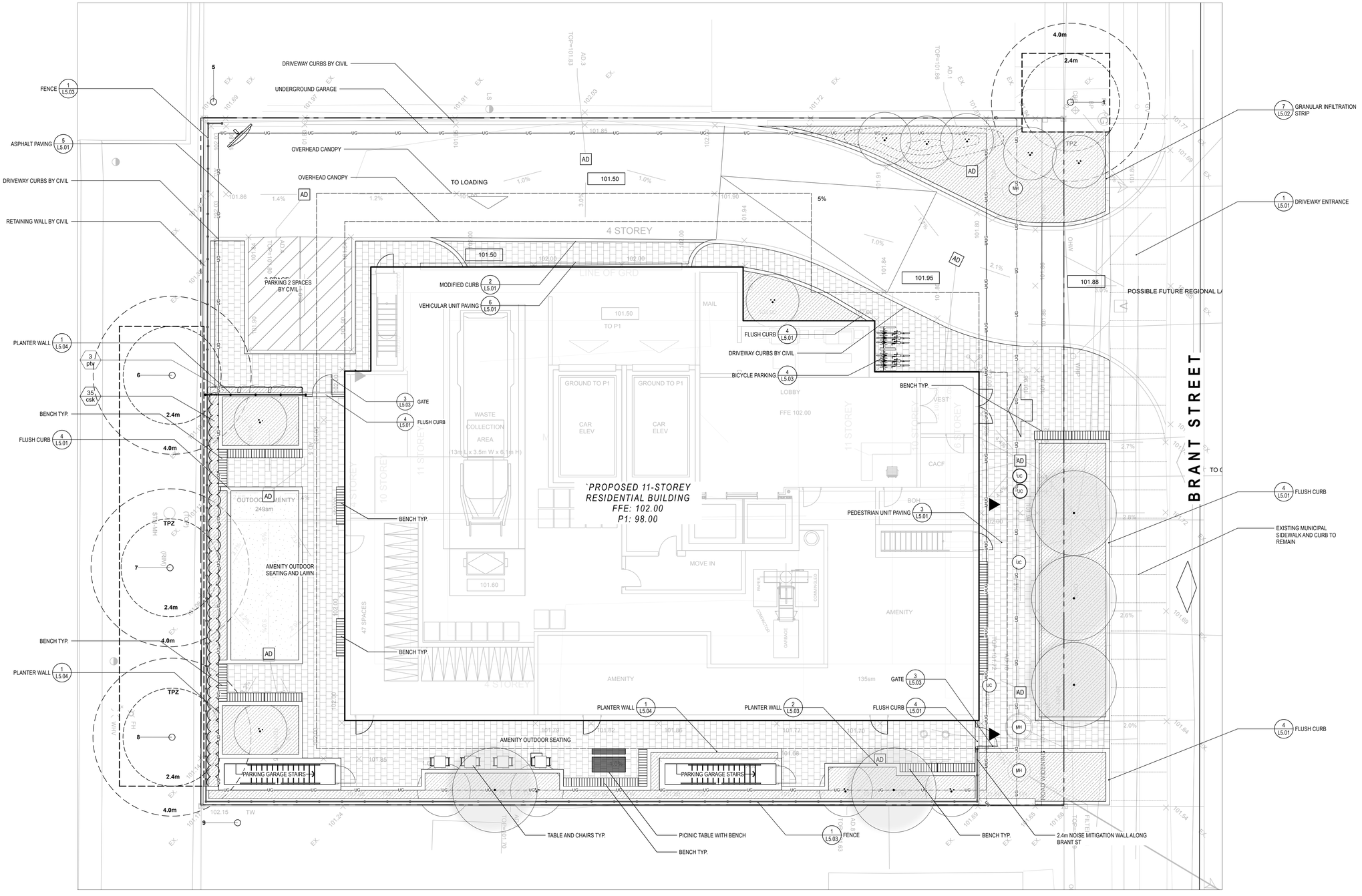
WZMH Architects

Brant Street

1056 & 1060 Brant Street
Burlington, ON
L7R 2J9

# TREE PRESERVATION AND REMOVALS

| | | | |
|---|---|---|---|
| SCALE | 1:100 | PROJECT NO. | |
| DRAWN | CS | | 25-001 |
| CHECKED | FL | DRAWING NO. | |
| DATE | 2025-12-18 | | L0.02 |
| SPA No. | | | |




## PLANT SCHEDULE

| ID | Qty | Botanical Name | Common Name | Size | Native |
|---|---|---|---|---|---|
| **SHRUBS & PERENNIALS:** | | | | | |
| **csk** | 35 | *Cornus sericea 'Kelsey'* | Kelsey Dogwood | 1 GAL | YES |
| **ptv** | 3 | *Parthenocissus tricuspidata 'Veitchii'* | Boston Ivy | 1 LTR | YES |

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PROJECT NORTH

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — FUNG LEE — 2025-12-18 — OALA — MEMBER

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| No. | Description | Date | By |
|---|---|---|---|
| 1 | ISSUED FOR ZBA | 2025-12-19 | CS |

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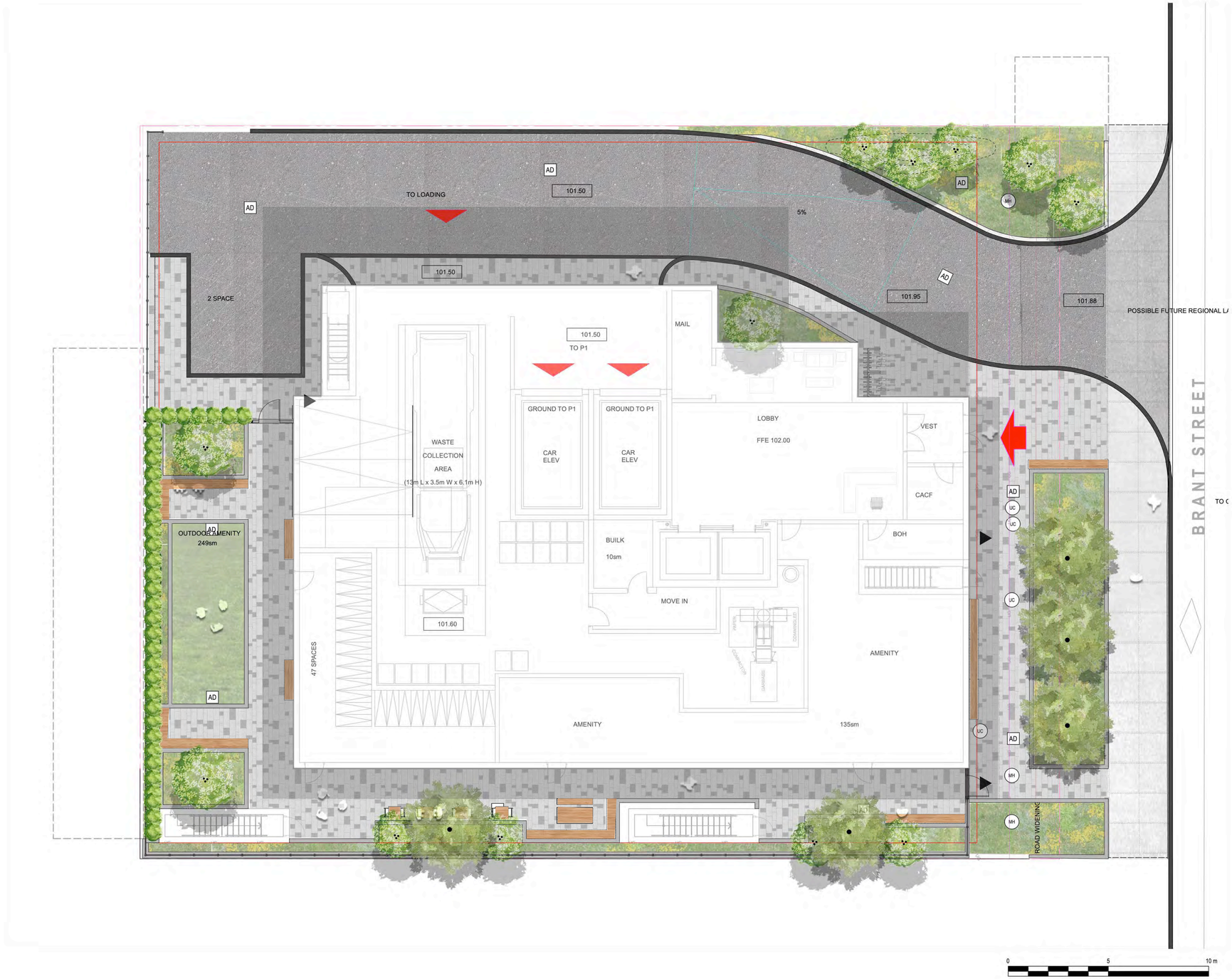
WZMH Architects

Brant Street

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Burlington, ON
L7R 2J9

# LANDSCAPE SITE PLAN

| | | | |
|---|---|---|---|
| SCALE | 1:100 | PROJECT NO. | |
| DRAWN | CS | | 25-001 |
| CHECKED | FL | DRAWING NO. | |
| DATE | 2025-12-18 | | L1.10 |
| SPA No. | | | |




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- PROPOSED TREES & LARGE SHRUBS

PROJECT NORTH

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS
FUNG LEE
2025-12-18
OALA
MEMBER

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CLIENT

WZMH Architects

# Brant Street

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L7R 2J9

# LANDSCAPE COLOUR PLAN

| | |
|---|---|
| SCALE | 1:100 |
| DRAWN | CS |
| CHECKED | FL |
| DATE | 2025-12-18 |
| SPA No. | |

PROJECT NO.
25-001
DRAWING NO.
L1.11