

NOTES:
 SITE VISIT DATE: AUGUST 5, 2022
 TREE INVENTORY COMPLETED BY ISA CERTIFIED ARBORIST CATHERINE HODGINS #ON-2256A
 TREE LOCATIONS AND DRILLINES BASED ON EXISTING CONDITIONS PLAN PROVIDED BY MAPLE REINDERS CONSTRUCTORS LTD. AND HILL DESIGN STUDIO FIELD SURVEY ON AUGUST 5, 2022.
 #A DENOTES APPROXIMATE TREE LOCATION BASED ON HILL DESIGN STUDIO FIELD SURVEY ON AUGUST 5, 2022 AND LANDSCAPE PLAN COMPLETED BY BRODIE & ASSOCIATES DATED MAY 2020.
 REFER TO L2 FOR TREE INVENTORY LIST.

LEGEND	
	EXISTING TREES TO REMAIN
	EXISTING TREES TO BE REMOVED
	EXISTING TREES TO BE TRANSPLANTED
	PROPOSED TREE PROTECTION FENCING

- TREE PROTECTION NOTES**
- AS PART OF ANY TREE REMOVAL OPERATION ALL STEMS, LIMBS AND STUMPS SHOULD BE REMOVED FROM THE SITE.
 - UPON COMPLETION OF ANY TREE REMOVAL OPERATIONS, TREE PROTECTION FENCING SHOULD BE INSTALLED AS ILLUSTRATED. THIS PROTECTION FENCING SHOULD BE MAINTAINED UNTIL ALL EXCAVATION AND BUILDING CONSTRUCTION WORK IS COMPLETED.
 - ANY ROOTS DISTURBED DURING CONSTRUCTION SHOULD BE CUT CLEANLY AND BURIED IMMEDIATELY.
 - NO HEAVY EQUIPMENT OR STOCKING OF MATERIAL SHALL OCCUR WITHIN THE DRILLINES OF ANY TREES THAT ARE TO BE PRESERVED.
 - TREE PROTECTION MEASURES TO BE INSPECTED BY LANDSCAPE ARCHITECT AND CITY STAFF PRIOR TO START OF CONSTRUCTION.
 - IF CONSTRUCTION OR ANY WORK OCCURS WITHIN THE TREE PRESERVATION ZONE, INSIDE THE LIMITS OF THE TREE PROTECTION FENCE, IT IS NECESSARY TO ONLY USE HAND TOOLS. NO MACHINERY WILL BE PERMITTED IN THIS ZONE.

Toronto
 Parks, Forestry & Recreation

Tree Protection Zone (TPZ)

All construction related activities, including grade alteration, excavation, soil compaction, any materials or equipment storage, disposal of liquid and vehicular traffic are NOT permitted within this TPZ.

This tree protection barrier must remain in good condition and must not be removed or altered without authorization of City of Toronto, Urban Forestry.

Concerns or inquiries regarding this TPZ can be directed to:
 311 or 311@toronto.ca

1 TREE PROTECTION ZONE SIGNAGE DETAIL
 NTS

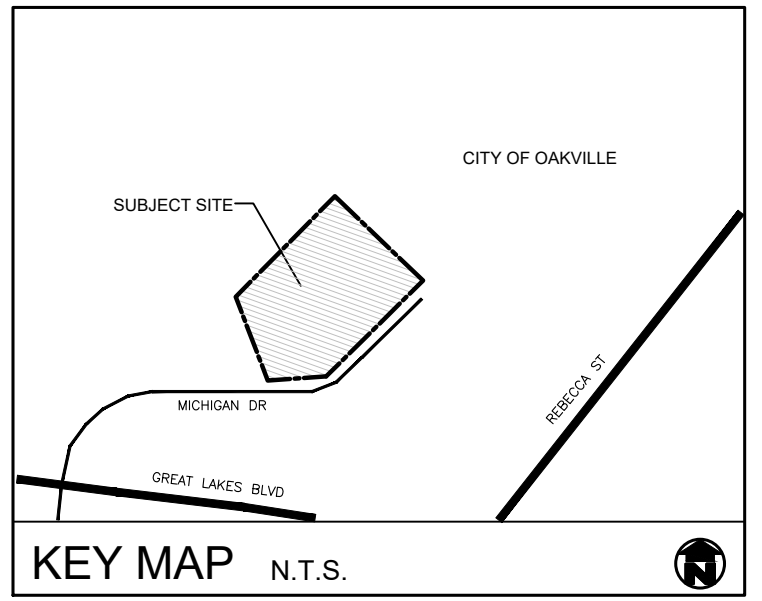
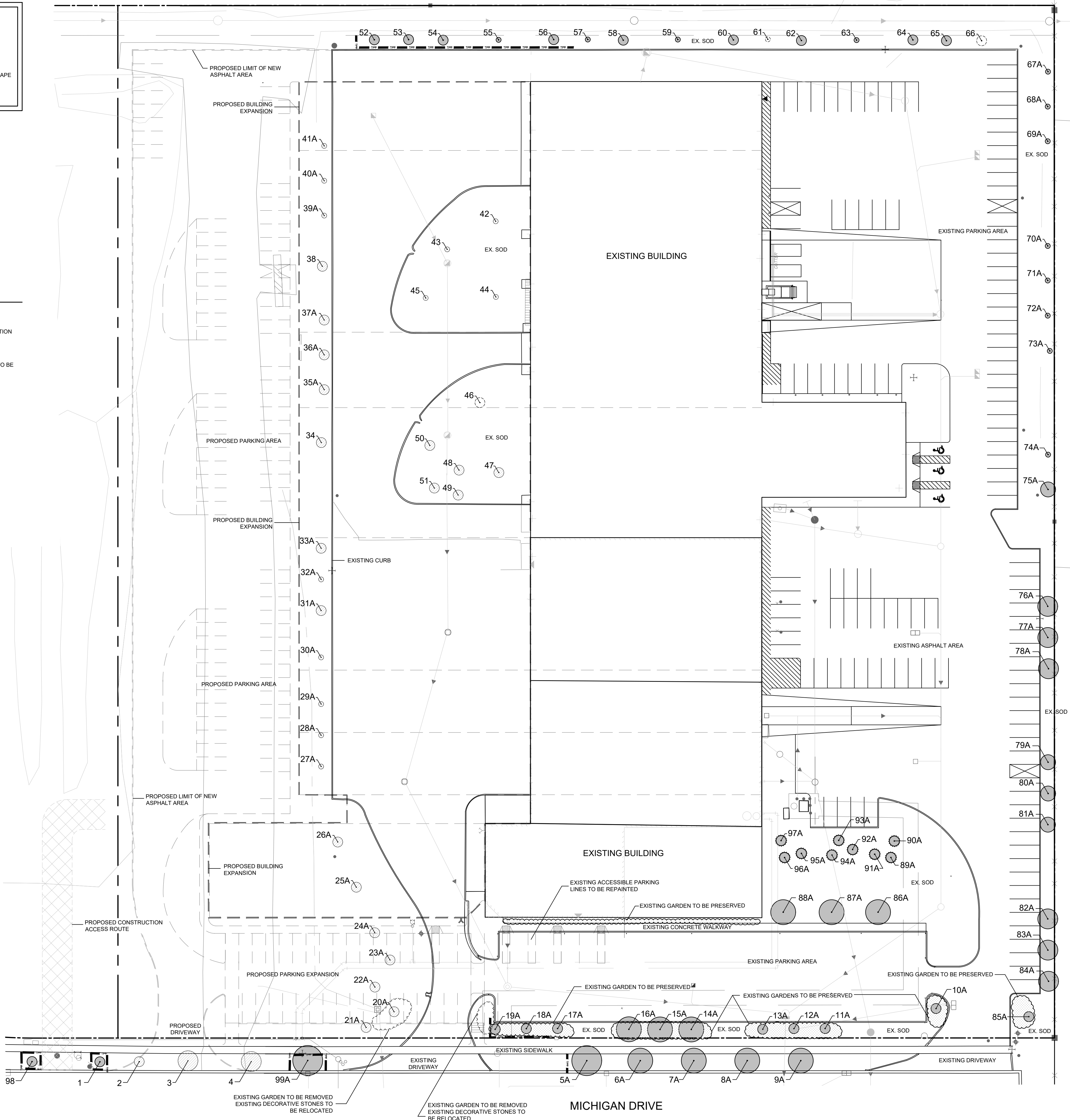
Tree Protection Barriers

- Tree protection barriers must be constructed with a solid wood frame clad with plywood or approved equivalent. Height of hoarding may be less than 8 ft. to accommodate any branches that may be lower.
- Tree protection barriers for trees situated on the City road allowance where visibility must be maintained can be 1.2m (4ft.) high and consist of orange plastic web snow fencing on a wood frame made of 2 x 4s.
- Where some excavate or fill has to be temporarily located near a tree protection barrier, plywood must be used to ensure no material enters the Tree Protection Zone.
- No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the Tree Protection Zone.

Note:
 Sediment control fencing shall be installed in locations indicated in an Urban Forestry approved Tree Protection Plan. The sediment control fencing must be installed to Ontario Provincial Standards (OPSD-219.130) heavy duty silt fence barrier and to the satisfaction of Urban Forestry. See Detail TP-2

Toronto
 Urban Forestry
 Parks, Forestry and Recreation
 February 2016
 Detail TP-1

2 CITY OF TORONTO STANDARD TREE PROTECTION FENCING DETAIL



- GENERAL NOTES**
- ALL WORKMANSHIP WILL BE TO THE STANDARDS OF LANDSCAPE ONTARIO.
 - CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES.
 - EXISTING CONDITIONS PLAN PROVIDED BY MAPLE REINDERS CONSTRUCTORS LTD.
 - SITE PLAN PROVIDED BY MAPLE REINDERS CONSTRUCTORS LTD.
 - SITE SERVING AND GRADING PROVIDED BY URBTech ENGINEERING INC., AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

ZETON INC.

Professional seal of Zeton Inc. as a member of the Ontario Association of Landscape Architects. The seal includes the text 'ASSOCIATION OF LANDSCAPE ARCHITECTS', 'MEMBER', and 'ZETON INC.'.

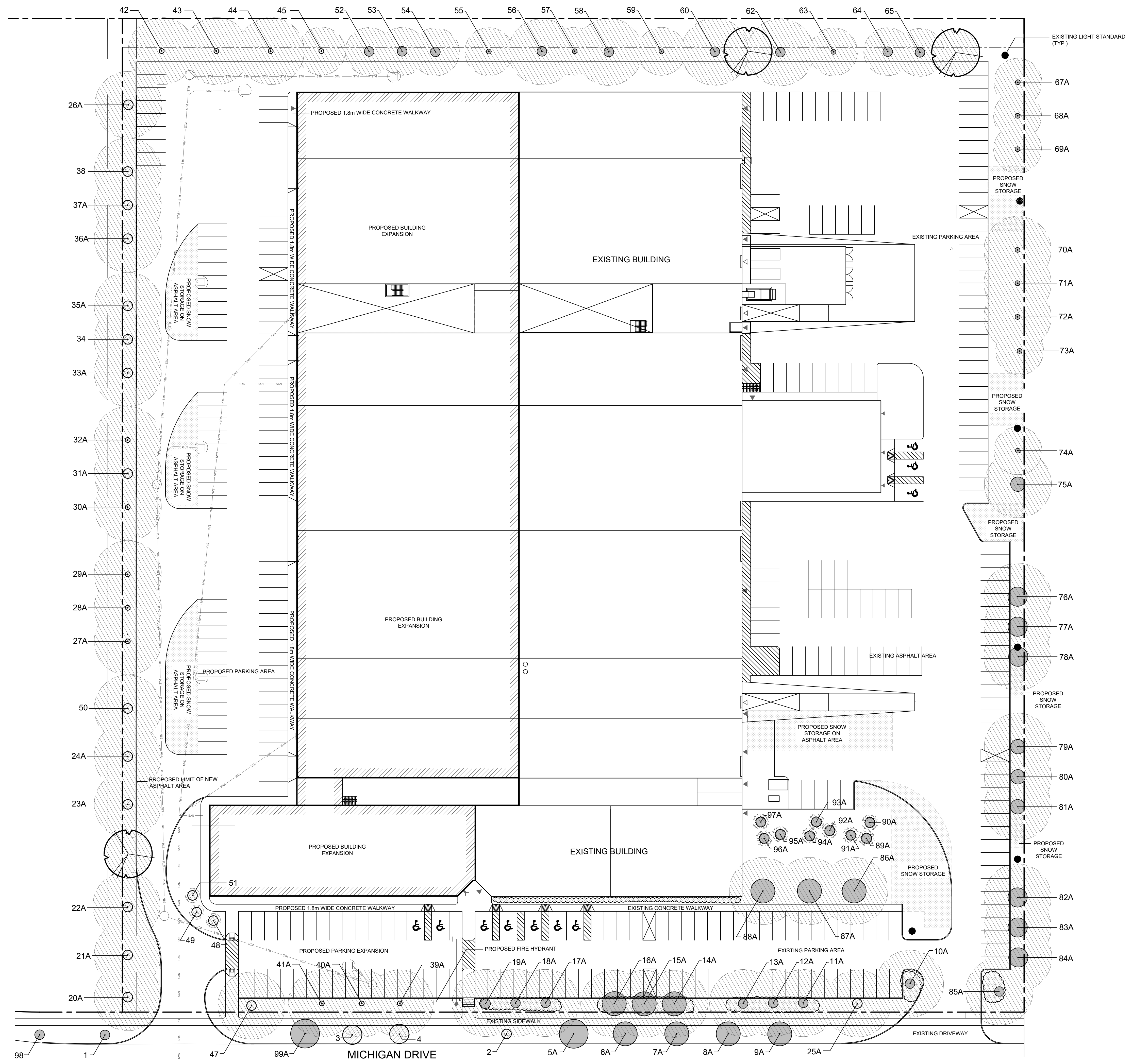
no.	date	description	by
1.	Sep.22.22	Issued for SPA	CMH
2.	Dec.14.22	Revised as per comments	CMH
3.	Jan.13.23	Issued for SPA resubmission	CMH

PROPOSED EXPANSION
 455 Michigan Drive
 City of Oakville

Tree Management &
 Existing Conditions Plan

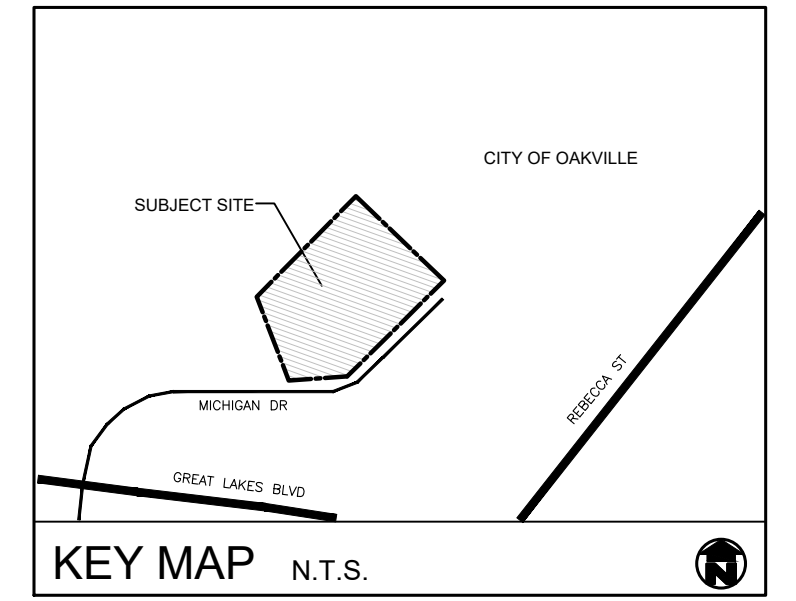
Hill Design Studio
 226-686-0700 www.hilldesign.ca

PROJECT NO.: 2022-41	DRAWN BY: CMH
SCALE: 1/400	DESIGNED BY: CMH
SHEET:	APPROVED BY: AWH
L1	PLOT DATE: JAN. 13, 2023



LEGEND	
	EXISTING TREES TO REMAIN
	EXISTING TREES TO BE REMOVED
	TRANSPLANTED TREES
	CANOPY COVERAGE
	PROPOSED TREE

NOTES:
REFER TO L2 FOR CANOPY CALCULATIONS.
REFER TO L4 FOR LANDSCAPE PLAN.



- GENERAL NOTES**
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 3. EXISTING CONDITIONS PLAN PROVIDED BY MAPLE REINDERS CONSTRUCTORS LTD.
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City of Oakville

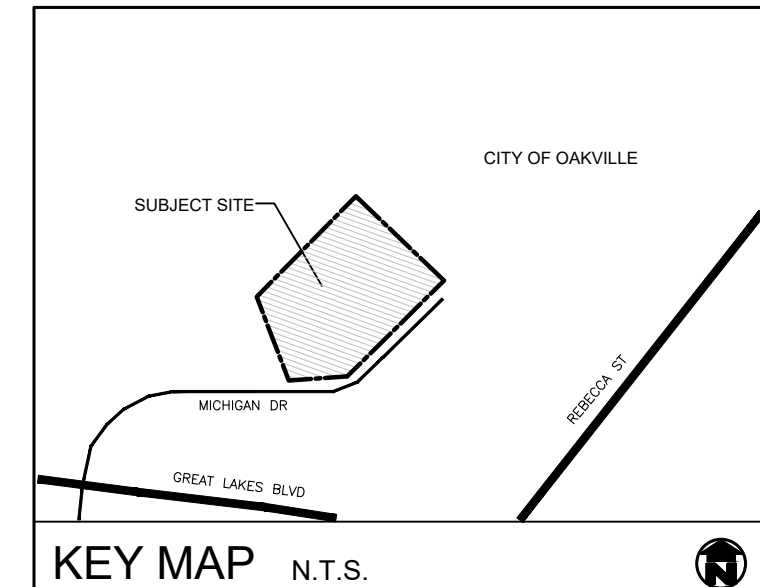
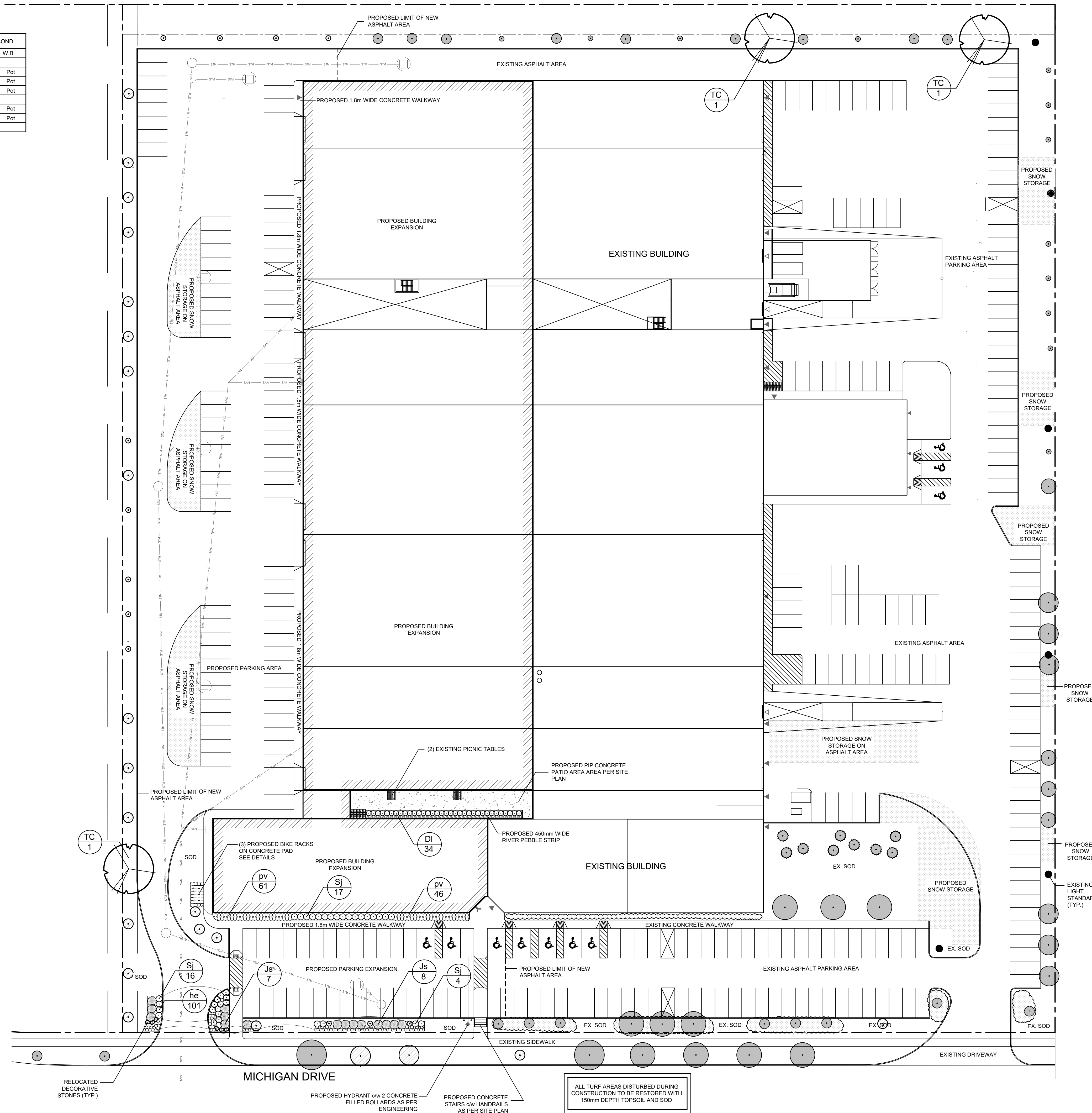
Canopy Cover Plan



PROJECT NO.: 2022-41	DRAWN BY: CMH
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KEY	QUANT.	BOTANICAL NAME	COMMON NAME	SIZE	COND.
TC	3	Tilia cordata	Littleleaf Linden	60mm cal.	W.B.
DI	34	Diervilla lonicera	Bush Honeysuckle	50cm, 3 gal.	Pot
Js	15	Juniperus sabin	Savin Juniper	50cm, 3 gal.	Pot
Sj	37	Spiraea japonica 'Goldflame'	Goldflame Spirea	50cm, 3 gal.	Pot
he	101	Hemerocallis 'Stella d'Oro'	Stella d'Oro Daylily	1 gal.	Pot
pv	107	Panicum virgatum 'Prairie Winds'	Prairie Winds Switch Grass	1 gal.	Pot

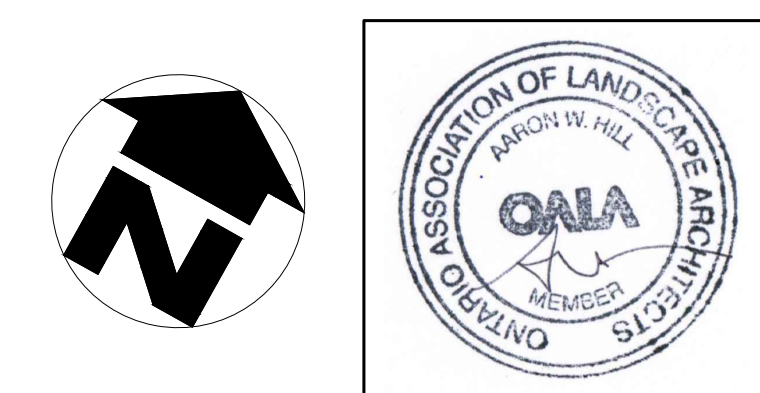
LEGEND	
	EXISTING TREES TO REMAIN
	TRANSPLANTED TREES
	PROPOSED TREE



GENERAL NOTES

1. ALL WORKMANSHIP WILL BE TO THE STANDARDS OF LANDSCAPE ONTARIO.
2. ALL PLANT MATERIAL TO BE NO. 1 GRADE NURSERY GROWN IN ACCORDANCE WITH THE CANADIAN STANDARDS FOR NURSERY STOCK, 9TH EDITION, 2017, BY THE CANADIAN NURSERY TRADES ASSOCIATION.
3. BACKFILL WILL CONSIST OF SOIL NATIVE TO THE SITE OR GENERAL SOIL TYPE CLASS NATIVE TO THE SITE. TOPSOIL TO BE TESTED FOR NUTRIENT VALUE, AND AMENDED FOR OPTIMAL GROWTH AS PER THE RECOMMENDATIONS OF THE SOIL TEST.
4. CONTRACTOR SHALL MAINTAIN ALL LANDSCAPE AREAS UNTIL OWNER'S ACCEPTANCE OF PROJECT.
5. CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES.
6. PLANTING MAY BE ADJUSTED TO SUIT LOCATIONS OF SITE UTILITY STRUCTURES/SERVICES.
7. ALL MATERIALS MUST BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
8. SPREAD MULCH TO A MINIMUM OF 100mm COMPACTED DEPTH ON ALL TREE PITS AND PLANTING BEDS.
9. CHECK AND VERIFY ALL DIMENSIONS AND QUANTITIES PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES ARE TO BE REPORTED IN WRITING TO THE LANDSCAPE ARCHITECT. QUANTITIES NOTED WITHIN THE PLAN SUPERCEDE THOSE IN THE PLANT LIST. ANY SUBSTITUTIONS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.
10. SOD AS MARKED WITH NURSERY SOD ON A MINIMUM OF 100mm OF CLEAN TOPSOIL. FINE GRADE AND SOD ALL BOULEVARD AREAS TO MUNICIPAL SPECIFICATIONS AND REPAIR DAMAGE TO ADJACENT PROPERTIES, AS REQUIRED.
11. FINAL INSPECTION AND ACCEPTANCE OF PLANTING WORK SHALL COINCIDE WITH THE FINAL INSPECTION AND ACCEPTANCE OF ALL WORK INCLUDED IN THE CONTRACT.
12. ALL SEEDED SLOPES 3:1 AND GREATER TO RECEIVE EROSION CONTROL MATTING (COIR MAT, OR OTHER WILDLIFE FRIENDLY ALTERNATIVE). PIN SOD ON ALL SLOPES OF 3:1 OR GREATER.
13. SUBMIT A WRITTEN GUARANTEE TO THE EFFECT THAT ALL PLANTS ACCEPTED DURING THE PERIOD OF JANUARY 1st TO JULY 15th SHALL BE GUARANTEED UNTIL JULY 15th THE FOLLOWING YEAR. PLANTS ACCEPTED DURING THE PERIOD OF JULY 15th TO DECEMBER 31st SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF ACCEPTANCE. THE GUARANTEE PERIODS LISTED ABOVE SHALL APPLY TO ALL "NURSERY GROWN" PLANTS.
14. AT THE TIME OF FINAL INSPECTION ALL PLANTS SHALL BE IN A HEALTHY, VIGOROUS GROWING CONDITION, PLANTED IN FULL ACCORDANCE WITH DRAWINGS AND CONDITIONS.
15. EXISTING CONDITIONS PLAN PROVIDED BY MAPLE REINDERS CONSTRUCTORS LTD.
16. SITE PLAN INFORMATION AS PER MAPLE REINDERS CONSTRUCTORS LTD.
17. SITE GRADING AND SERVICING INFORMATION AS PER URBTECH ENGINEERING INC., AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.
18. SITE LIGHTING BY OTHERS.

ZETON INC.



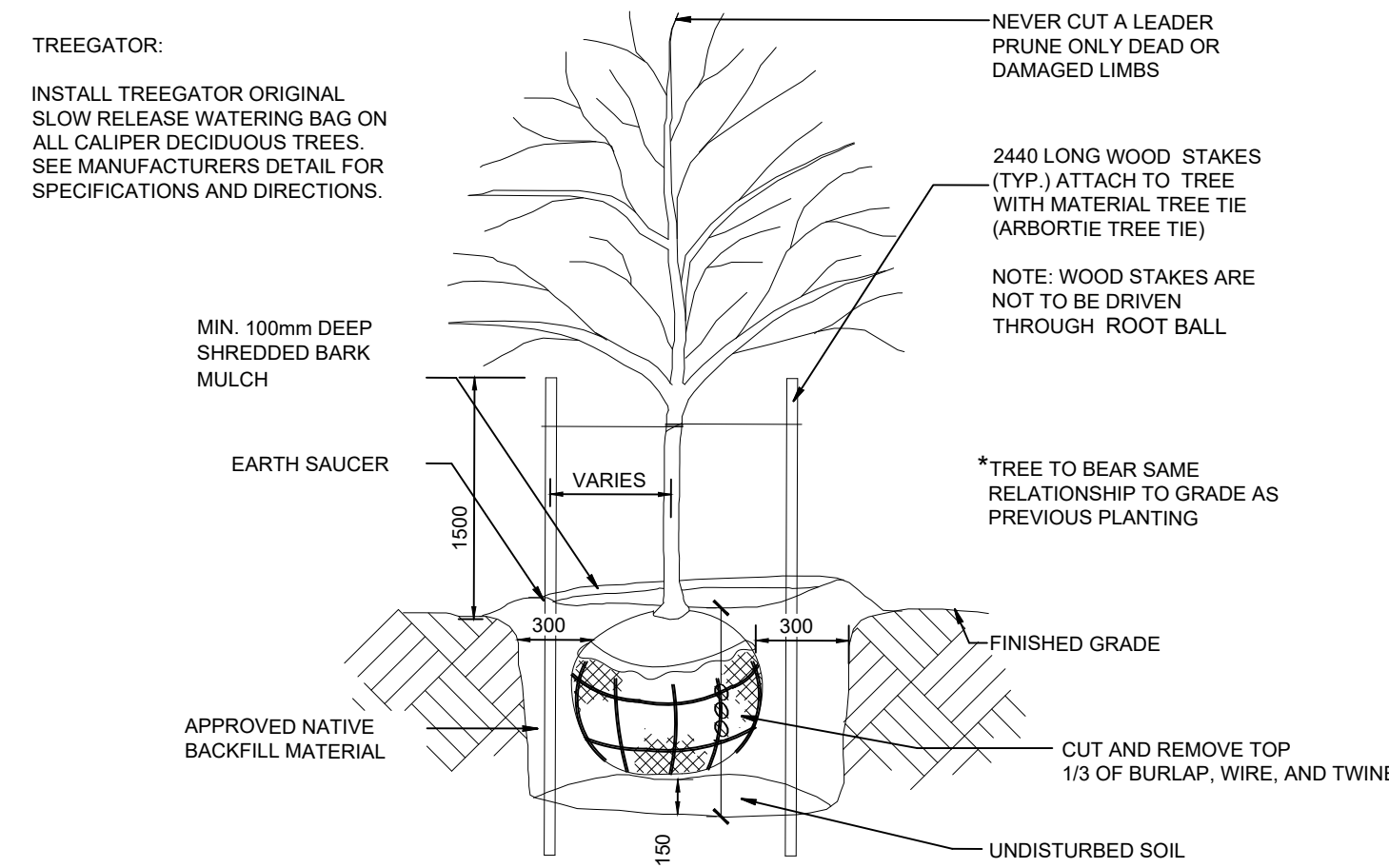
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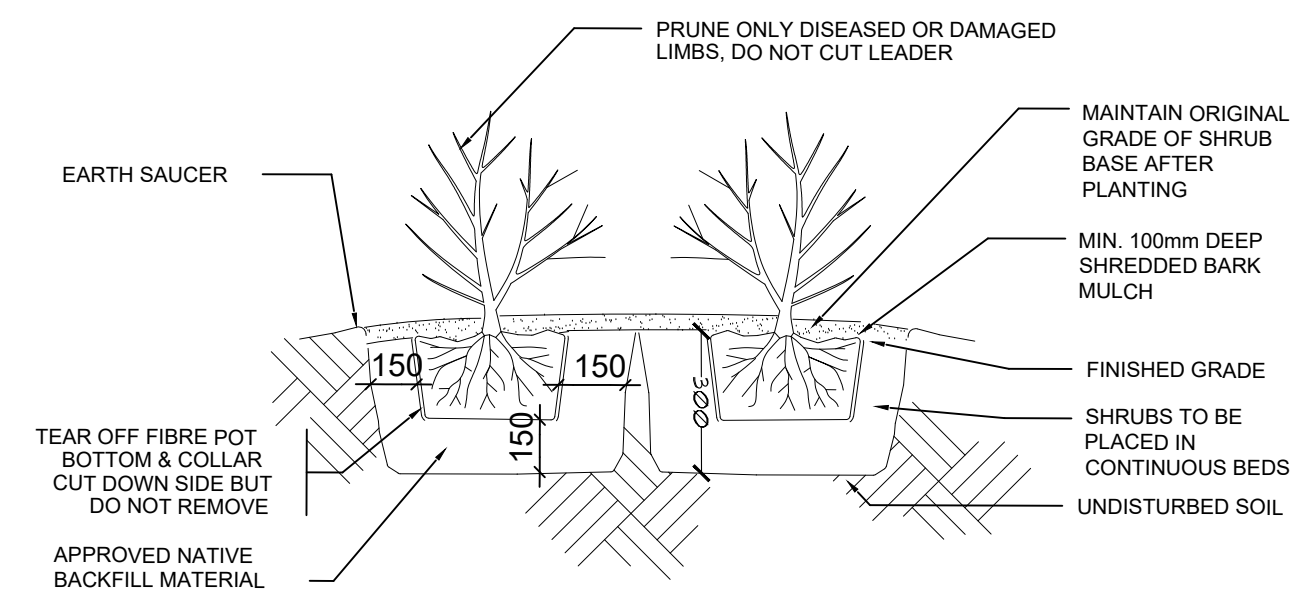
Landscape Plan



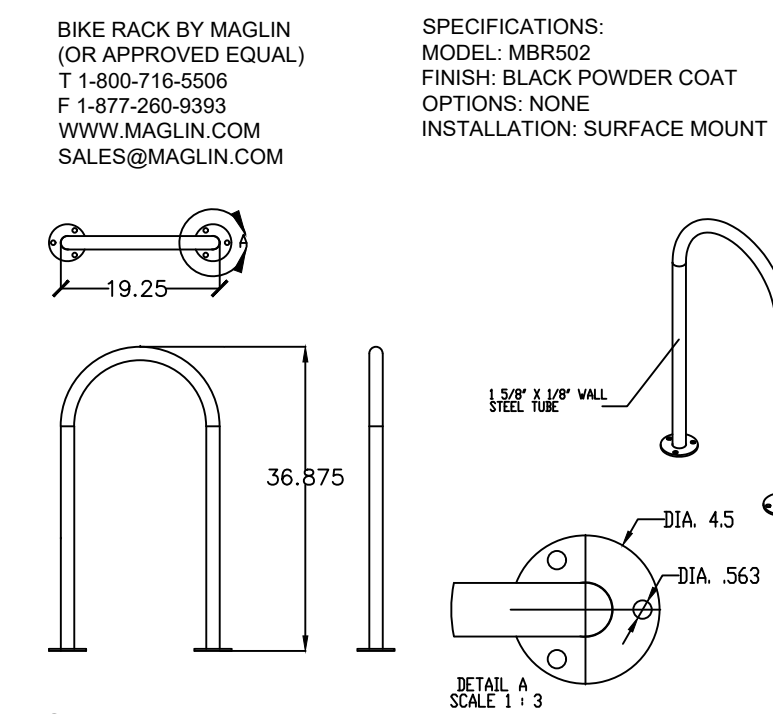
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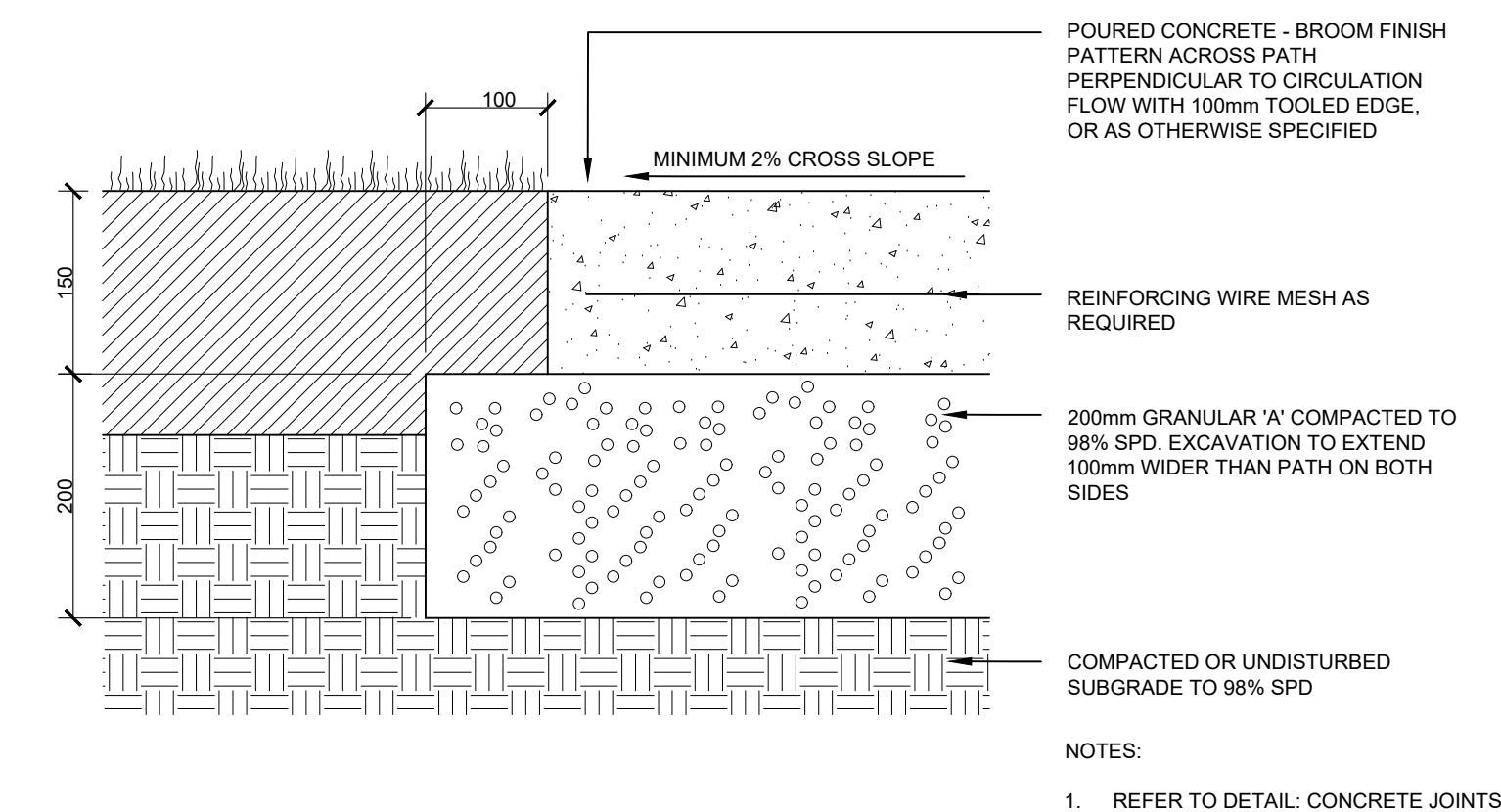
1 DECIDUOUS TREE PLANTING DETAIL
NTS



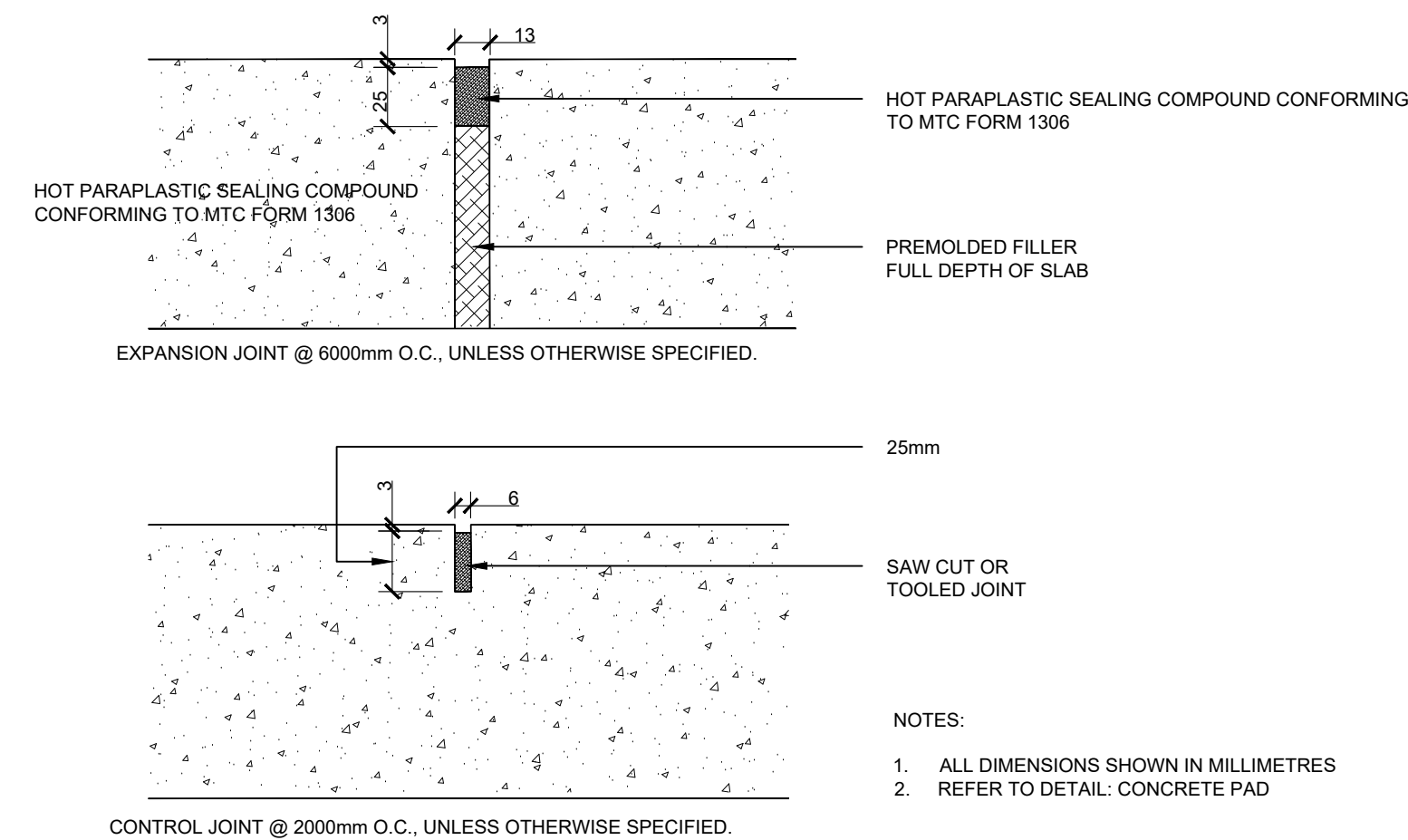
2 SHRUB PLANTING DETAIL
NTS



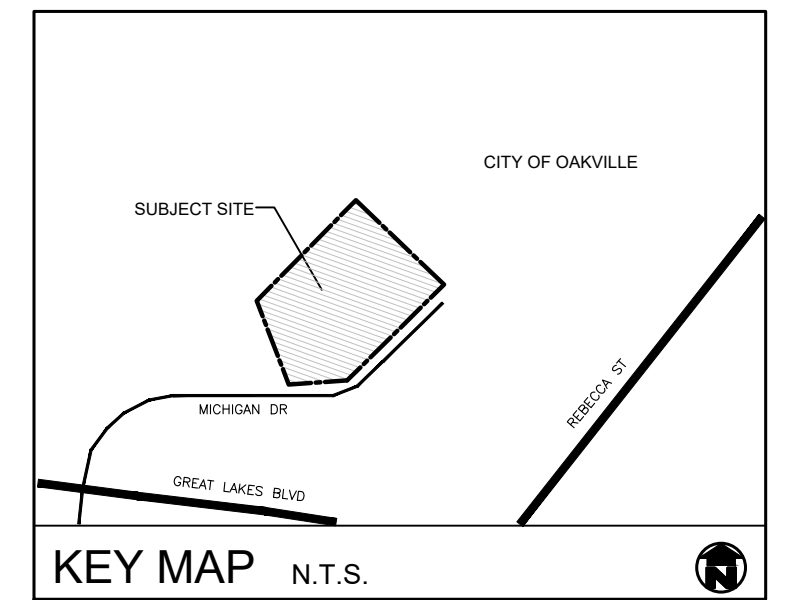
3 BIKE RACK DETAIL
NTS



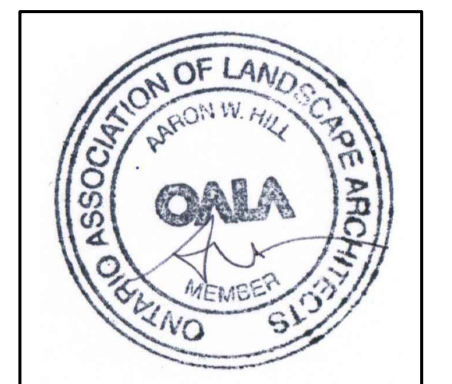
4 CONCRETE PAD DETAIL
NTS



9 CONCRETE JOINTS DETAIL
NTS



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Landscape Details



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