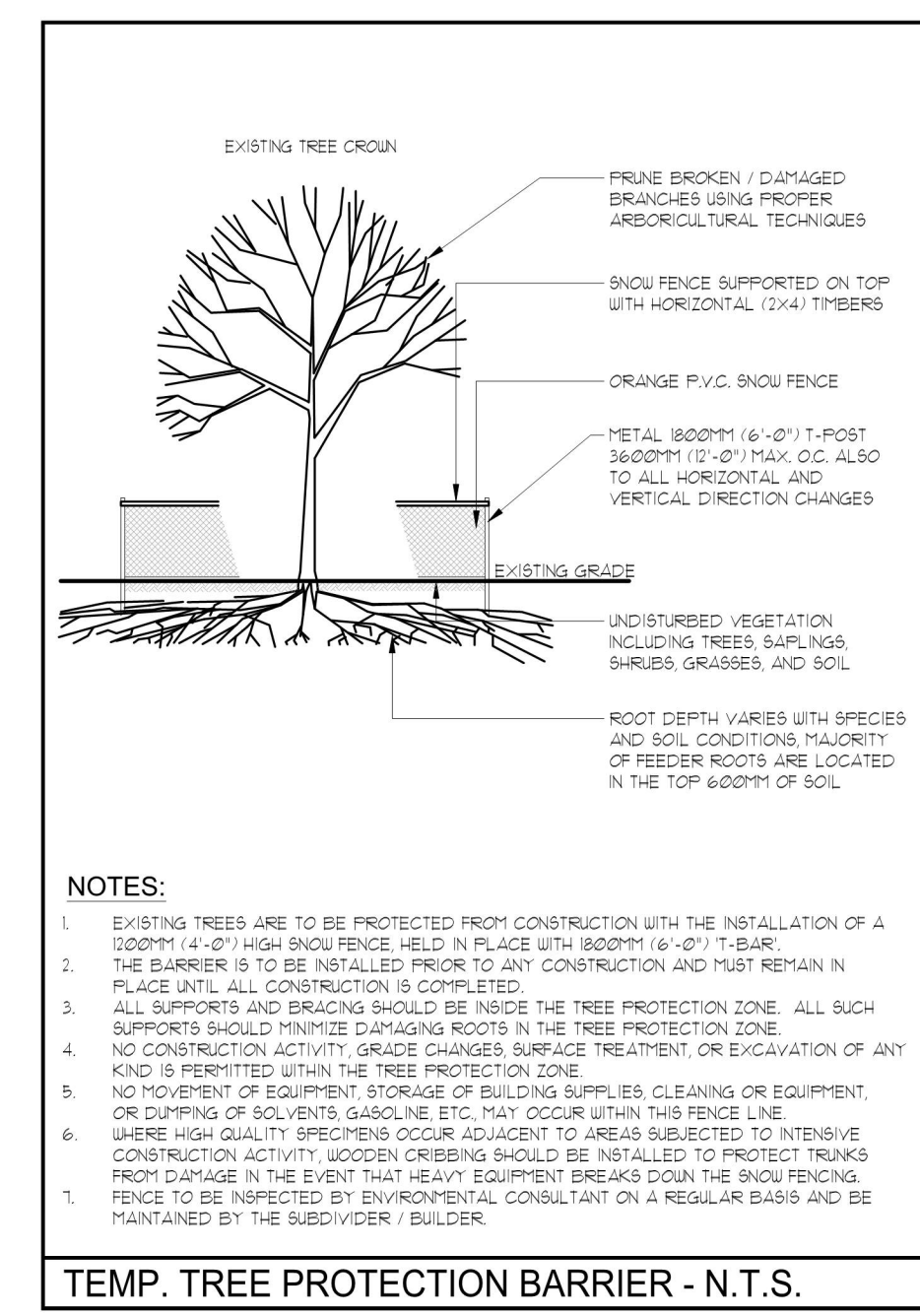


LEGEND

- 5 - EXISTING DECIDUOUS TREES TO REMAIN (TREE NUMBER)
- 8 - EXISTING DECIDUOUS TREES TO BE REMOVED (TREE NUMBER)
- 6 - EXISTING CONIFEROUS TREES TO REMAIN (TREE NUMBER)
- 9 - EXISTING CONIFEROUS TREES TO BE REMOVED (TREE NUMBER)
- POTENTIAL TREE REMOVAL
- CRITICAL ROOT ZONE
- EXISTING PLANTINGS TO REMAIN
- EXISTING PLANTINGS TO BE REMOVED
- TREE PROTECTION BARRIER



TEMP. TREE PROTECTION BARRIER - N.T.S.

- NOTES:**
- EXISTING TREES ARE TO BE PROTECTED FROM CONSTRUCTION WITH THE INSTALLATION OF A 100MM (4") HIGH SNOW FENCE HELD IN PLACE WITH 100MM (4") T-BAR.
 - THE BARRIER IS TO BE INSTALLED PRIOR TO ANY CONSTRUCTION AND MUST REMAIN IN PLACE UNTIL ALL CONSTRUCTION IS COMPLETED.
 - ALL SUPPORTS AND BRACKETS SHOULD BE INSIDE THE TREE PROTECTION ZONE. ALL SUCH SUPPORTS SHOULD MINIMIZE DAMAGING ROOTS IN THE TREE PROTECTION ZONE.
 - NO CONSTRUCTION ACTIVITY (GRADE CHANGES, SURFACE TREATMENT, OR EXCAVATION OF ANY KIND) IS PERMITTED WITHIN THE TREE PROTECTION ZONE.
 - NO MOVEMENT OF EQUIPMENT, STORAGE OF BUILDING SUPPLIES, CLEANING OR EQUIPMENT, OR DUMPING OF SOLVENTS, GASOLINE, ETC. MAY OCCUR WITHIN THE FENCE LINE.
 - WHERE HIGH QUALITY SPECIMENS OCCUR ADJACENT TO AREAS SUBJECTED TO INTENSIVE CONSTRUCTION ACTIVITY, JUDICIOUS CRISING SHOULD BE INSTALLED TO PROTECT TREES FROM DAMAGE IN THE EVENT THAT HEAVY EQUIPMENT BREAKS DOWN THE SNOW FENCING. FENCE TO BE INSPECTED BY ENVIRONMENTAL CONSULTANT ON A REGULAR BASIS AND BE MAINTAINED BY THE SUPERVISOR / BUILDER.

TREES TO BE REMOVED

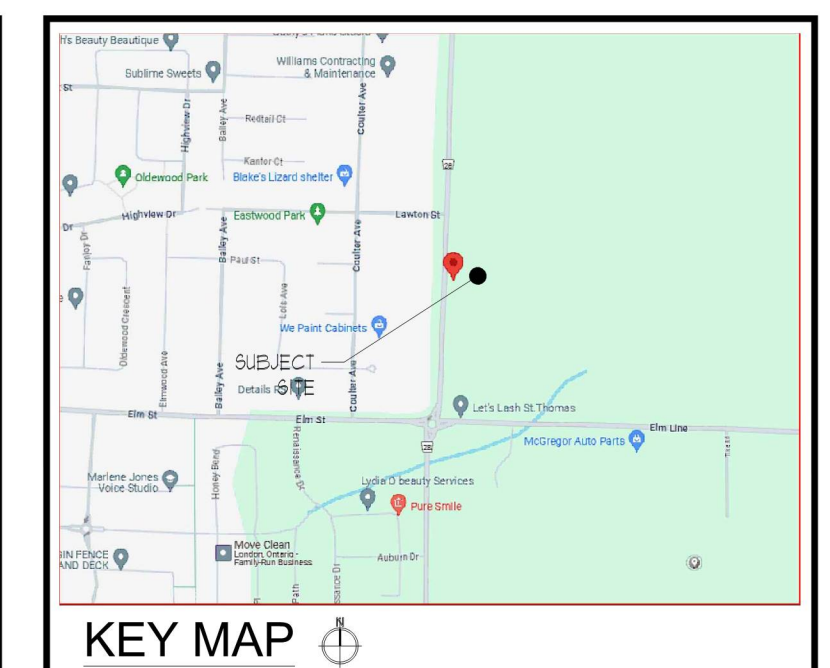
ID#	GENERAL INFORMATION			SIZE (DBH (cm) CANOPY SPREAD (m) CONDICTION	HEALTH & CONDITION (STRUCTURAL FORM STRUCTURAL INTEGRITY)	COMMENTS	EXPECTED CONSTRUCTION IMPACTS	RECOMMENDATIONS PRESERVE OR REMOVE	IMPACT MITIGATION (TPZ) OR REMOVAL RATIONALE		
	BOTANICAL NAME	COMMON NAME	LOCATION								
7	<i>Acer saccharum</i>	Silver Maple	Subject site	68	5	Fair	low branched, epicormic growth, included bark at union, old prune wounds	conflict with proposed road	remove	construction conflict	
8	<i>Acer saccharum</i>	Silver Maple	Subject site	54	5	Fair	included bark, low union, multiple prune wounds, canopy through top wires	conflict with proposed road	remove	construction conflict	
9	<i>Malus spp.</i>	Apple	Subject site	33, 25	5	Poor	old prune wounds at primary union, near epicormic growth, included bark	conflict with proposed road	remove	construction conflict	
10	<i>Picea pungens</i>	Colorado Spruce	Subject site	31	35	4	Good	embedded 2 meters, minor dieback	conflict with proposed road	remove	construction conflict
19	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the north	37	5	5	Good	slightly suppressed, canopy heavy north	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
16	<i>Juglans nigra</i>	Black Walnut	Boundary - subject site and property to the north	35	5	5	Fair	old prune wound on trunk, healing	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
11	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the north	31	4	4	Fair	base of trunk barked, low union, grapevine throughout crown	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
18	<i>Ulmus americana</i>	Siberian Elm	Adjacent property to the north	45	6	4	Poor	base of trunk barked, low branched, leaning, deadwood throughout	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
19	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the north	53	45	5	Good	grapevine throughout crown	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
20	<i>Acer glaberrimus</i>	Norway Maple	Boundary - subject site and property to the north	24	3	4	Fair	dead branches throughout	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
21	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the north	12	2	5	Fair	prune wounds	minor conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
22	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the north	26	4	5	Fair	low branched, minor deadwood	minor conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
23	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the north	22	3	5	Good	wide flare	minor conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
24	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the north	31	4	5	Good	minor conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal	
25	<i>Acer saccharum</i>	Silver Maple	Subject site	92	7	3	Poor	major limbs dead, low primary union, dbh taken below primary union	conflict with proposed construction and critical root zone	remove	construction conflict and tree condition
26	<i>Juglans nigra</i>	Black Walnut	Subject site	13	15	4	Fair	deadwood throughout crown	minor conflict with proposed grading and critical root zone	remove	construction conflict
27	<i>Juglans nigra</i>	Black Walnut	Subject site	18	2	4	Fair	deadwood throughout crown	minor conflict with proposed grading and critical root zone	remove	construction conflict
28	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the east	50	4	5	Fair	minor burrs on trunk	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
29	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the east	37	4	5	Good	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal	
30	<i>Acer rubrum</i>	Red Maple	Adjacent property to the east	29	3	4	Fair	low branched, deadwood throughout crown	minor conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
31	<i>Acer rubrum</i>	Red Maple	Boundary - subject site and property to the east	39	6	5	Fair	crooked trunk, epicormic growth, wound at base	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
32	<i>Acer rubrum</i>	Red Maple	Subject site	25	4	5	Good	codominant at 2 meters from grade	conflict with proposed grading/ servicing and critical root zone	remove	construction conflict
33	<i>Acer rubrum</i>	Red Maple	Subject site	23	4	5	Fair	minor prune wounds on trunk, healing	conflict with proposed grading/ servicing and critical root zone	remove	construction conflict
34	<i>Acer rubrum</i>	Red Maple	Subject site	20	3	5	Good	conflict with proposed grading and critical root zone	remove	construction conflict	
35	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the east	41	2	4	Poor	codominant, primary union at grade, covered in grapevine	minor conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
36	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the east	47	3	4	Poor	codominant, primary union at grade, branches fused, covered in grapevine	minor conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
37	<i>Acer rubrum</i>	Red Maple	Subject site	26	4	5	Fair	old prune wounds, included bark	conflict with proposed construction	remove	construction conflict
38	<i>Acer rubrum</i>	Red Maple	Subject site	27	35	5	Fair	codominant stems with fused branched	conflict with proposed construction	remove	construction conflict
39	<i>Acer saccharum</i>	Silver Maple	Subject site	39	5	5	Good	low branched	conflict with proposed construction and critical root zone	remove	construction conflict
40	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the east	23	3	5	Fair	low branched, included bark starting at union, covered in grapevine	minor conflict with proposed construction and critical root zone	remove	construction conflict - consent from landowner required for removal
41	<i>Juglans nigra</i>	Black Walnut	Subject site	22	3	5	Fair	canopy heavy east, minor deadwood	minor conflict with proposed construction and critical root zone	remove	construction conflict - consent from landowner required for removal
42	<i>Juglans nigra</i>	Black Walnut	Subject site	25	1	-	-	fully dead	conflict with proposed grading and critical root zone	remove	construction conflict and poor tree condition
43	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	26	3	4	Fair	lower dead epicormic growth, grapevine throughout	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
44	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	26	3	4	Fair	lower dead epicormic growth, grapevine throughout	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
45	<i>Juglans nigra</i>	Black Walnut	Boundary - subject site and property to the south	34	4	5	Good	canopy heavy north	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
46	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	15	25	5	Good	Good	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
47	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	27	3	5	Fair	codominant, low primary union	conflict with proposed grading and critical root zone	remove	construction conflict - consent from landowner required for removal
51	<i>Juglans nigra</i>	Black Walnut	Subject site	44	45	5	Good	lower branches pruned, full form	conflict with proposed road	remove	construction conflict

TREES TO BE PRESERVED

ID#	GENERAL INFORMATION			SIZE (DBH (cm) CANOPY SPREAD (m) CONDICTION	HEALTH & CONDITION (STRUCTURAL FORM STRUCTURAL INTEGRITY)	COMMENTS	EXPECTED CONSTRUCTION IMPACTS	RECOMMENDATIONS PRESERVE OR REMOVE	IMPACT MITIGATION (TPZ) OR REMOVAL RATIONALE		
	BOTANICAL NAME	COMMON NAME	LOCATION								
1	<i>Acer saccharum</i>	Silver Maple	Subject site - retained parcel	86	7	5	Fair	lower cavities in dead trunk, exposed roots in driveway, old wire grown into branch	no expected construction impacts	preserve	N/A
2	<i>Acer saccharum</i>	Silver Maple	200 Centennial Ave	36	3	4	Fair	minor deadwood, poor trunk taper	no expected construction impacts	preserve	N/A
3	<i>Acer saccharum</i>	Silver Maple	200 Centennial Ave	37	3	5	Good	low branched	no expected construction impacts	preserve	N/A
4	<i>Acer saccharum</i>	Silver Maple	200 Centennial Ave	58	4	5	Fair	codominant, included bark	no expected construction impacts	preserve	N/A
5	<i>Acer saccharum</i>	Silver Maple	Subject site - retained parcel	58	5	5	Fair	codominant, old stem removed at primary union, codominant trunks fused together	no expected construction impacts	preserve	N/A
6	<i>Acer saccharum</i>	Silver Maple	Subject site - retained parcel	52	5	5	Fair	low branched, poor primary union	no expected construction impacts	preserve	N/A
11	<i>Malus spp.</i>	Apple	Subject site - retained parcel	40	35	5	Fair	epicormic growth, play structure built into tree	no expected construction impacts	preserve	N/A
12	<i>Malus spp.</i>	Apple	Subject site - retained parcel	33	3	5	Fair	epicormic growth	no expected construction impacts	preserve	N/A
15	<i>Prunus spp.</i>	Cherry	302 Centennial Ave	40	5	4	Fair	canopy heavy east, low primary union, dead stubby branches throughout canopy	potential removal	consent from 302 Centennial Ave required for removal	
14	<i>Acer platanoides</i>	Norway Maple	302 Centennial Ave	66	7	5	Fair	minor grinding roots, minor deadwood	conflict with critical root zone and grading/ servicing	potential removal	consent from 302 Centennial Ave required for removal
42	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the east	21	3	5	Good	slight lean	no expected construction impacts	preserve	tree protection fence
43	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	14	3	4	Fair	low branched, deadwood	potential conflict with grading	preserve	tree protection fence
48	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	12	2	3	Fair	sloughing bark low branched	no expected construction impacts	preserve	tree protection fence
49	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	24	35	5	Good	Good	no expected construction impacts	preserve	tree protection fence
50	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	37	35	5	Good	Good	no expected construction impacts	preserve	tree protection fence
51	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	32	3	5	Fair	Good	no expected construction impacts	preserve	tree protection fence
52	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	43, 38	6	5	Fair	codominant with included bark	minor conflict with grading	preserve	tree protection fence
54	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	34	45	5	Fair	epicormic growth, old deadwood, canopy heavy north east	minor conflict with grading	preserve	tree protection fence
55	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	11	2	5	Good	Good	no expected construction impacts	preserve	tree protection fence
56	<i>Juglans nigra</i>	Black Walnut	Adjacent property to the south	15	2	5	Good	Good	no expected construction impacts	preserve	tree protection fence

TREE PRESERVATION PLAN

SCALE = 1:250



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THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR TENDER PURPOSES UNLESS SIGNED AND DATED BY RONALD H. KOUDYS, O.A.L.A. C.S.L.A. LANDSCAPE ARCHITECT, LONDON, ONTARIO (519) 667-3322.

DATE	DESCRIPTION	No.
2024-04-05	ISSUED FOR ZBA	2
2024-03-15	ISSUED FOR REVIEW	1

DATE	DESCRIPTION	No.
2024-04-05	ISSUED FOR ZBA	2
2024-03-15	ISSUED FOR REVIEW	1

PLOTTING INFORMATION:
PLOTTED DATE: 2024-04-05
PLOTTED SCALE: 1/16"

PROJECT TITLE:
RESIDENTIAL DEVELOPMENT
216 CENTENNIAL AVE.
ST. THOMAS, ONTARIO

DRAWING TITLE:
TREE PRESERVATION PLAN

DATE: MARCH 2024
SCALE: AS NOTED
DRAWING No.: T-1

DRAWN: RKL
CHECKED BY: RHK

PROJECT No.: 24-129Lc