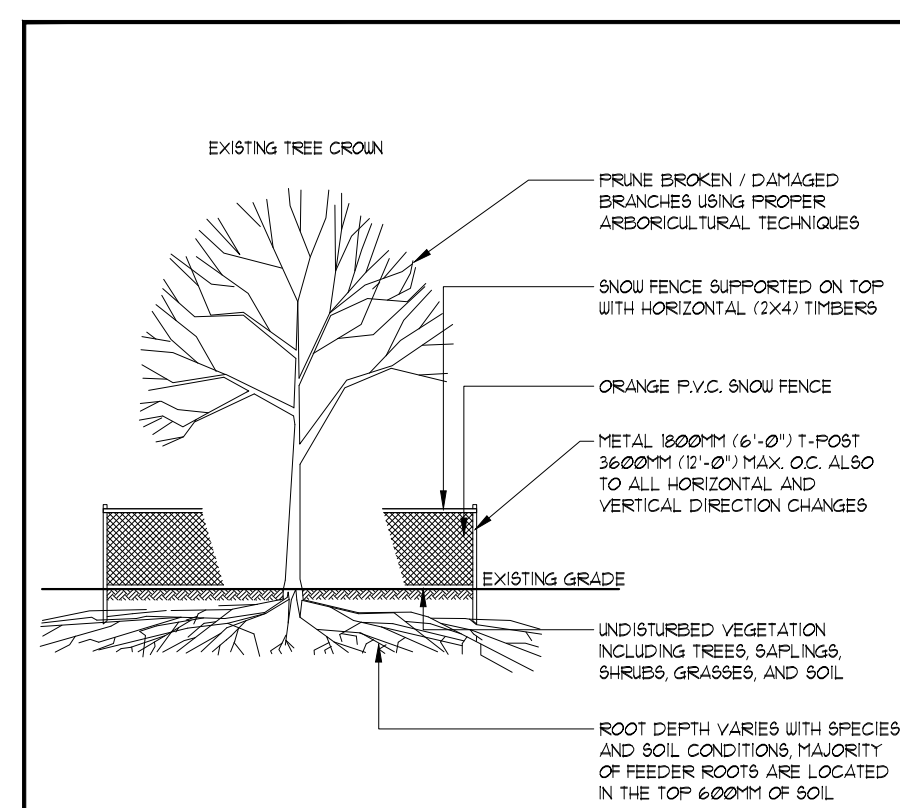


TREE PRESERVATION PLAN
SCALE = 1:250

REFER TO TREE ASSESSMENT REPORT FOR ADDITIONAL INFORMATION



- NOTES:**
- EXISTING TREES ARE TO BE PROTECTED FROM CONSTRUCTION WITH THE INSTALLATION OF A 2000MM (6'-0") HIGH SNOW FENCE HELD IN PLACE WITH 8000MM (6'-0") T-BARS.
 - THE BARRIER IS TO BE INSTALLED PRIOR TO ANY CONSTRUCTION AND NOT REMAIN IN PLACE UNTIL ALL CONSTRUCTION IS COMPLETED.
 - ALL SUPPORTS AND BRACING 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 DRIPPING OF SOLVENTS, GASOLINE, ETC. THAT OCCUR WITHIN THIS FENCE LINE.
 - WHERE HIGH QUALITY SPECIMENS OCCUR ADJACENT TO AREAS SUBJECTED TO INTENSIVE CONSTRUCTION ACTIVITY, WOODEN CRIBBING SHOULD BE INSTALLED TO PROTECT TRUNKS 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 SUBCONTRACTOR / BUILDER.

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

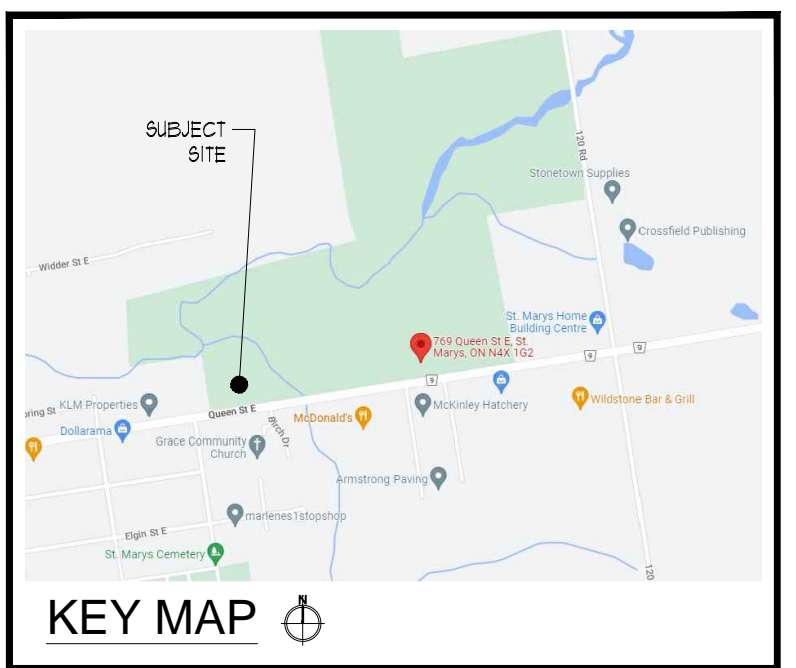
TREE RECOMMENDATIONS

TREES RECOMMENDED FOR REMOVAL (14 TREES)

ID#	GENERAL INFORMATION		SIZE	HEALTH & CONDITION		RECOMMENDATIONS						
	BOTANICAL NAME	COMMON NAME		LOCATION	COMMENTS	EXPECTED CONSTRUCTION IMPACTS	PRESERVE OR REMOVE	IMPACT MITIGATION or REMOVAL RATIONALE (TP = tree protection)				
1	<i>Picea pungens</i> var. <i>glauca</i>	Colorado Blue Spruce	Subject site	-30	35	5	good	good	Branches to grade, minor thinning	Conflict with proposed building A	remove	construction impacts
2	<i>Picea pungens</i> var. <i>glauca</i>	Colorado Blue Spruce	Subject site	-25	35	5	good	good	Branches to grade, minor thinning	Conflict with proposed parking	remove	construction impacts
3	<i>Picea pungens</i> var. <i>glauca</i>	Colorado Blue Spruce	Subject site	-30	35	5	good	good	Branches to grade, minor thinning	Conflict with proposed parking	remove	construction impacts
4	<i>Picea pungens</i> var. <i>glauca</i>	Colorado Blue Spruce	Subject site	-30	35	5	good	good	Branches to grade, minor thinning	Conflict with proposed parking	remove	construction impacts
5	<i>Acer saccharum</i>	Sugar Maple	Subject site	60	4	5	poor	fair	Significant scaffold branch loss, significant epicormic growth, fused branches, tight unions with included bark, pruned for hydro line clearance.	Conflict with proposed parking	remove	construction impacts
7	<i>Juglans nigra</i>	Black Walnut	Hydro utility facility	21	3	5	far	poor	low branched, on slope, significant trunk damage, deep old trunk wounds	none	remove	poor structural integrity tree adjacent to proposed parking - consent from land owner required
8	<i>Thuja occidentalis</i>	White Cedar	Hydro utility facility	16, 15, 10	25	5	far	far	Multistem 5, fully dead, drooping branches, trunk rot, invasive species	Conflict with proposed parking	remove	construction impacts & invasive species
9	<i>Thuja occidentalis</i>	White Cedar	Hydro utility facility	16, 15, 10	25	5	far	far	Multistem 3, included bark with seam at primary union, dense understory	Conflict with proposed parking	remove	construction impacts - consent from land owner required
10	<i>Thuja occidentalis</i>	White Cedar	Hydro utility facility	16, 15, 10	25	5	far	far	Heavily suppressed, dead wood, invasive species	Conflict with proposed parking	remove	construction impacts
11	<i>Thuja occidentalis</i>	White Cedar	Hydro utility facility	13, 7, 3	2	2	far	far	Multistem 3, suppressed, dead wood, invasive species	none	remove	invasive species
12	<i>Thuja occidentalis</i>	White Cedar	Hydro utility facility	16, 15, 10	25	5	far	far	Multistem 3, suppressed, dead wood, invasive species	none	remove	invasive species
14	<i>Picea canadensis</i>	Norway Spruce	Subject site	64	6	5	far	far	codominant leaders with buttressing at union	Conflict with proposed amenity area	remove	construction impacts
15	<i>Thuja occidentalis</i>	White Cedar	Subject site	-70	4	5	good	good	Nearly branched to grade, clustered primary union, DBH taken below low primary union	Conflict with proposed building B	remove	construction impacts
16	<i>Thuja occidentalis</i>	White Cedar	Subject site	-65	4	5	good	good	Nearly branched to grade, DBH taken below low primary union	Conflict with proposed building B	remove	construction impacts

TREES RECOMMENDED FOR PRESERVATION (19 TREES)

ID#	GENERAL INFORMATION		SIZE	HEALTH & CONDITION		RECOMMENDATIONS						
	BOTANICAL NAME	COMMON NAME		LOCATION	COMMENTS	EXPECTED CONSTRUCTION IMPACTS	PRESERVE OR REMOVE	IMPACT MITIGATION or REMOVAL RATIONALE (TP = tree protection)				
6	<i>Pinus nigra</i>	Austrian Pine	Hydro utility facility	-35	45	4	far	good	central leader gone, insect damage to trunk, on slope	none	preserve	TP barrier
13	<i>Juglans nigra</i>	Black Walnut	Hydro utility facility	17	3	5	good	good	low branched, thin canopy	none	preserve	none
17	<i>Thuja occidentalis</i>	White Cedar	Hydro utility facility	-65, 40	5	5	far	far	Multistem 2, nearly branched to grade, primary union at grade, loose crown, on slope	none	preserve	TP barrier
18	<i>Picea canadensis</i>	Norway Spruce	Subject site	49	6	5	good	good	Loose crown	potential conflict with site grading	preserve	TP barrier
19	<i>Picea canadensis</i>	Norway Spruce	Subject site	36	4	3	good	good	Sparsely crown, dead lower branches	potential conflict with site grading	preserve	TP barrier
20	<i>Juglans nigra</i>	Black Walnut	Hydro utility facility	12, 15	3	5	far	far	Multistem 2, low branched, included bark at primary union	none	preserve	TP barrier
21	<i>Juglans nigra</i>	Black Walnut	Hydro utility facility	37	6	5	good	good	soil/gravel piled at base of tree	none	preserve	TP barrier
22	<i>Picea canadensis</i>	Norway Spruce	Subject site	35	3	1	good	far	fully dead	none	preserve	TP barrier
23	<i>Picea canadensis</i>	Norway Spruce	Subject site	15	25	5	good	good	Full form, branched to grade	none	preserve	none
24	<i>Picea canadensis</i>	Norway Spruce	Subject site	10	25	5	good	good	Full form, branched to grade	none	preserve	none
25	<i>Picea canadensis</i>	Norway Spruce	Subject site	13	25	5	good	good	Full form, branched to grade	none	preserve	none
26	<i>Picea canadensis</i>	Norway Spruce	Subject site	13	25	5	good	good	Full form, branched to grade	none	preserve	none
27	<i>Picea canadensis</i>	Norway Spruce	Subject site	11	2	5	good	good	Full form, a bit thin	none	preserve	TP barrier
28	<i>Acer glaberrimum</i>	Norway Maple	Hydro utility facility	33	25	2	poor	poor	Moribund, rot at primary union, significant dead wood and snags	none	preserve	none
29	<i>Pinus nigra</i>	Austrian Pine	Hydro utility facility	38	45	5	good	good	Minor dead lower branches, sparse crown	none	preserve	none
30	<i>Pinus nigra</i>	Austrian Pine	Hydro utility facility	42, 36	5	5	far	far	Multistem 2, bulge at primary union with included bark	none	preserve	none
31	<i>Acer saccharum</i>	Sugar Maple	Hydro utility facility	19, 10	4	5	far	far	Multistem 2, primary union below grade, codominant leaders	none	preserve	none
32	<i>Picea canadensis</i>	Norway Spruce	Subject site	-15	3	5	good	good	Branches to grade, full form	none	preserve	none
33	<i>Picea canadensis</i>	Norway Spruce	Subject site	-15	3	6	good	good	Branches to grade, full form	none	preserve	none



KEY MAP

RON KOUJDS LANDSCAPE ARCHITECTS INC.

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DATE	DESCRIPTION	No.
2022.07.29	ISSUED FOR ZBA	2.
2022.07.18	ISSUED FOR REVIEW	1.

PLOTTING INFORMATION

PLOTTED DATE = JULY 29, 2022
PLOTTED SCALE = 1:1

ASSOCIATION OF LANDSCAPE ARCHITECTS
MEMBER

PROJECT TITLE:
769 QUEENS ST E
ST. MARY'S
ONTARIO

DRAWING TITLE:
TREE PRESERVATION
PLAN

DATE: JUNE 2022
SCALE: AS NOTED
DRAWN: RKL/L Inc.
CHECKED BY: RJK

DRAWING No.: T-1

PROJECT No.: 22-200Lc ZBA