

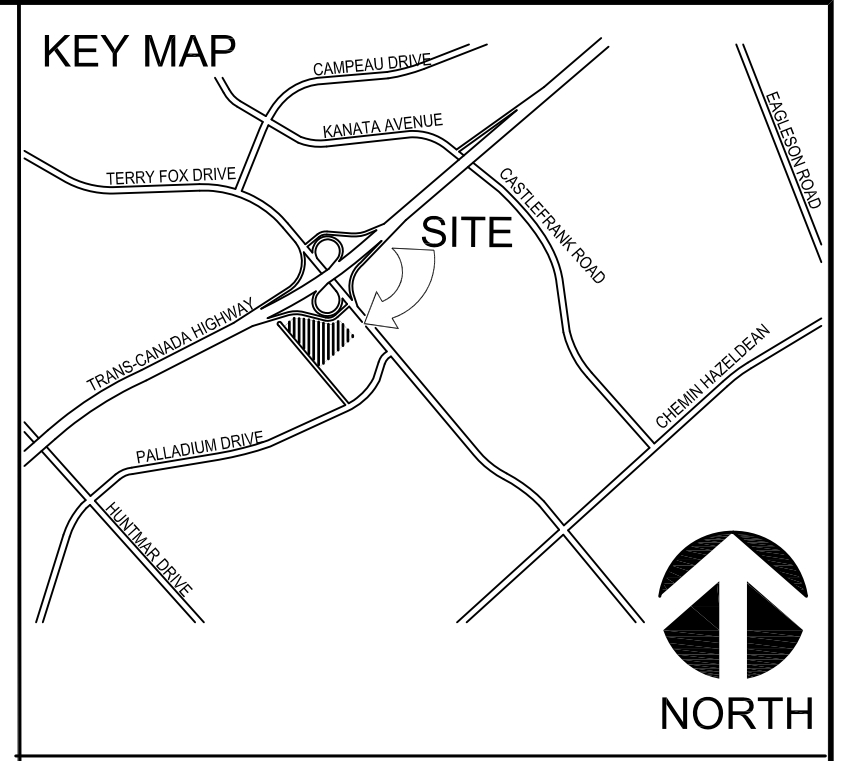
TREE INVENTORY CHART

TREE ID	FREQ	BOTANICAL NAME	COMMON NAME	DBH (cm)	Height (m)	TI	Condition	CS	CV	Remarks:
T-1	1	Fraxinus americana	White Ash	12	-	Good	Good	-	-	Improper pruning
T-2	1	Pinus nigra	Austrian Pine	-	3.5	Good	Good	Good	-	
T-3	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	3	Good	Good	Good	-	
T-4	1	Picea glauca	White Spruce	-	3	Good	Good	Good	-	
T-5	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	3	Good	Good	Good	-	
T-6	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	3	Good	Good	Good	-	
T-7	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	3	Good	Good	Good	-	
T-8	1	Gleditsia triacanthos	Honeylocust	3	-	Good	Good	-	-	
T-9	1	Gleditsia triacanthos	Honeylocust	3	-	Good	Good	-	-	
T-10	1	Picea glauca	White Spruce	-	2.5	Good	Good	Fair	-	Minor dieback (25%) and needle loss on west side facing off ramp
T-11	1	Picea glauca	White Spruce	-	2.5	Good	Good	Good	-	Minor dieback - 10% on west side facing off ramp
T-12	1	Picea glauca	White Spruce	-	2.5	Good	Good	Good	-	Minor dieback - 15%
T-13	1	Picea glauca	White Spruce	-	2.5	Good	Good	Good	-	Minor dieback - 15%
T-14	1	Picea glauca	White Spruce	-	2.5	Good	Good	Good	-	Minor dieback - 15%
T-15	1	Picea glauca	White Spruce	-	2.75	Good	Good	Good	-	Minor dieback - 15%
T-16	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	3.65	Good	Good	Good	-	
T-17	1	Picea glauca	White Spruce	-	3	Good	Good	Good	-	Minor dieback - 10% facing west (off ramp)
T-18	1	Picea glauca	White Spruce	-	3.65	Good	Good	Good	-	
T-19	1	Pinus nigra	Austrian Pine	-	3.25	Good	Good	Good	-	Compacted soil between trees 19 and 20, from vehicles driving on grass
T-20	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	3.65	Good	Good	Good	-	Compacted soil between trees 19 and 20, from vehicles driving on grass
T-21	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	3.65	Good	Good	Good	-	
T-22	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	3.65	Good	Good	Good	-	
T-23	1	Pinus sylvestris	Scots Pine	-	3.65	Good	Good	Good	-	Minor dieback - 10% facing west (off ramp)
T-24	1	Pinus sylvestris	Scots Pine	-	3.0	Good	Good	Good	-	Minor dieback - 10% facing west (off ramp)
T-25	1	Pinus sylvestris	Scots Pine	-	3.0	Good	Good	Good	-	Minor dieback - 10% facing west (off ramp)

TREE INVENTORY CHART

TREE ID	FREQ	BOTANICAL NAME	COMMON NAME	DBH (cm)	Height (m)	TI	Condition	CS	CV	Remarks:
T-26	1	Pinus sylvestris	Scots Pine	-	3.65	Good	Good	Good	-	
T-27	1	Pinus sylvestris	Scots Pine	-	3.0	Good	Good	Good	-	Minor dieback - 15% facing west (off ramp)
T-28	1	Pinus sylvestris	Scots Pine	-	3.0	Good	Good	Good	-	Minor dieback - 15% facing west (off ramp)
T-29	1	Pinus sylvestris	Scots Pine	-	4.0	Good	Good	Good	-	Minor dieback - 5% facing west (off ramp)
T-30	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	4.0	Good	Good	Good	-	
T-31	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	4.0	Good	Good	Good	-	
T-32	1	Gleditsia triacanthos	Honeylocust	6	-	Good	Good	-	-	
T-33	1	Picea glauca	White Spruce	-	3.0	Good	Good	Good	-	
T-34	1	Gleditsia triacanthos	Honeylocust	6	-	Good	Good	-	-	
T-35	1	Acer x freemanii	Freeman Maple	11	-	Good	Fair	-	-	Witches broom throughout canopy
T-36	1	Pinus sylvestris	Scots Pine	-	3.00	Good	Good	Good	-	Minor dieback 10% facing west (off ramp)
T-37	1	Pinus sylvestris	Scots Pine	-	3.00	Good	Good	Good	-	10% facing west (off ramp), canker growth lower twigs (crumenulopsis sororia)
T-38	1	Gleditsia triacanthos	Honeylocust	6	-	Good	Good	-	-	
T-39	1	Pinus sylvestris	Scots Pine	-	3.00	Good	Fair	Fair	-	20% dieback of foliage facing off ramp
T-40	1	Acer x freemanii	Freeman Maple	13	-	Good	Good	-	-	
T-41	1	Fraxinus americana	White Ash	7	-	Good	Good	-	-	
T-42	1	Fraxinus americana	White Ash	7	-	Good	Good	-	-	
T-43	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	4.0	Good	Good	Good	-	
T-44	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	4.0	Good	Good	Good	-	
T-45	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	4.0	Good	Good	Good	-	
T-46	1	Acer x freemanii	Freeman Maple	10	-	Good	Good	-	-	
T-47	1	Acer x freemanii	Freeman Maple	11	-	Good	Good	-	-	
T-48	1	Acer x freemanii	Freeman Maple	13	-	Good	Good	-	-	
T-49	1	Picea glauca	White Spruce	-	3.25	Good	Good	Good	-	
T-50	1	Picea glauca	White Spruce	-	3.25	Good	Good	Good	-	
T-51	1	Acer x freemanii	Freeman Maple	11	-	Good	Good	-	-	broken branches
T-52	1	Acer x freemanii	Freeman Maple	12	-	Good	Good	-	-	
T-53	1	Pyrus calleryana	Ornamental Pear	5	-	Good	Good	-	-	
T-54	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	1.0	Good	Good	Good	-	
T-55	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	1.0	Good	Good	Good	-	
T-56	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	1.0	Good	Good	Good	-	
T-57	1	Picea pungens 'Glauca'	Colorado Blue Spruce	-	1.0	Good	Good	Good	-	
G-1	±350	Treed area	-	-	-	-	-	-	-	Area of grouping ±1312m². Tree spacing 5-6m (>10), 1-3m (<10).
F		Quercus macrocarpa	Bur Oak	>10	-	Good	Good	-	-	Some trees with co-dominant stems, weak unions
O		Ulmus americana	American Elm	>10	-	Good	Good	-	-	Some trees with co-dominant stems, weak unions
A		Populus alba	European White Poplar	>10	-	Good	Good	-	-	Some trees with co-dominant stems, weak unions
F		Acer saccharum	Sugar Maple	>10	-	Good	Good	-	-	
O		Tilia americana	Basswood	>10	-	Good	Good	-	-	
R		Fraxinus americana	Basswood	>10	-	Good	Good	-	-	
O		Acer negundo	Manitoba Maple	>10	-	Good	Good	-	-	poor unions, lean, crooked trunks, broken branches

Frequency Legend:
 D Dominant
 A Abundant
 + Frequent
 O Occasional
 R Rare
 T-? Tagged Tree



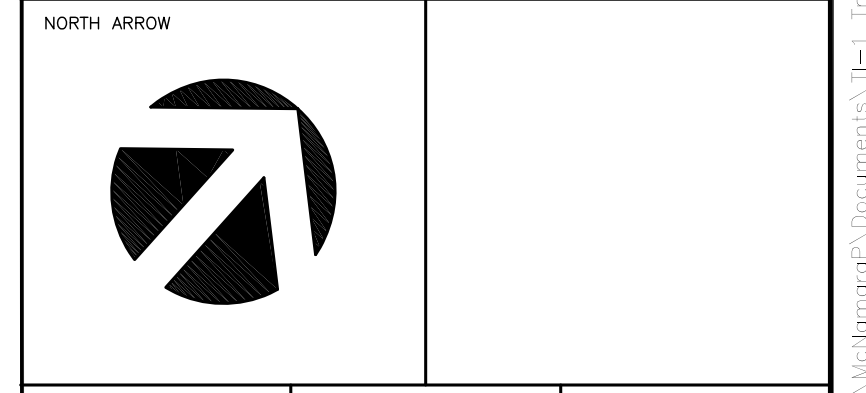
- LEGEND**
- EXISTING INDIVIDUAL TREE
 - EXISTING INVENTORIED TREES (NOT SURVEYED)
 - IDENTIFICATION NUMBER FOR EXISTING INDIVIDUAL TREE
 - EXISTING TREE GROUPING / WOODLOT

NOTE:
 REFER TO ARBORIST REPORT
 PREPARED BY MMM GROUP LIMITED,
 DATED: FEBRUARY 14, 2012

1	ISSUED FOR SITE PLAN APPLICATION	MR	14.FEB.2012	LSN
No.	REVISIONS		BY	DATE
ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED				

CLIENT	COSTCO WHOLESALE
MUNICIPALITY	CITY OF OTTAWA
PROJECT TITLE	COSTCO KANATA PROPOSED GAS BAR
SHEET TITLE	TREE INVENTORY PLAN

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DESIGNED	MR	DRAWN	MR	CHECKED	LSN
SCALE	1 : 250	DATE	NOVEMBER 2011		
PROJECT NUMBER	14.10213.001.LA1	DWG. NUMBER	TI-1		

FILE NAME: C:\Users\Nikhil\My Documents\Projects\14.10213.001.LA1 - Tree Inventory.dwg
 PLOT DATE: Feb 14, 2012 11:25:00am