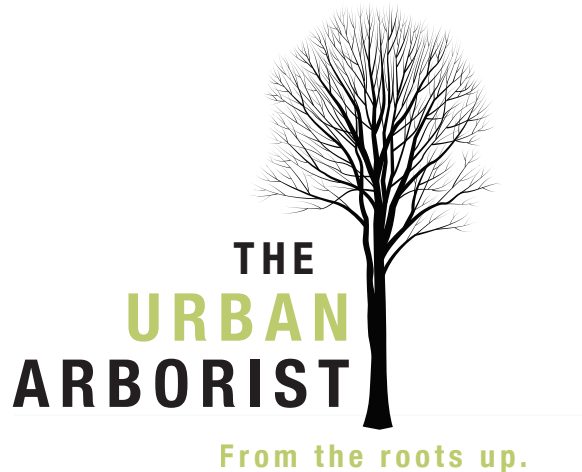


Tree Inventory and Assessment Report

Prepared for: EMC Group Limited
7577 Keele St #200
Vaughan, ON.
L4K 4X3

Subject Property: 31 Napier Street
Vaughan, ON.
L0J1C0

prepared by:



The Urban Arborist INC.
P.O. BOX 74525 HUMBERTOWN CENTRE, ETOBICOKE ON. M9A 5E2
Tel: 416.833.6467
www.TheUrbanArborist.ca
Certified and Insured
"From the roots up."

ATTACHMENT 8

ISA Certified Arborist Robert Rafal Lis Cert. # ON-1374A

January 22 2020

INTRODUCTION

The following Tree Inventory Report has been prepared for EMC Group Limited.
Site location is 31 Napier Street. Vaughan, ON.

The site consists of a residential home. All significant trees measuring 20cm diameter at base and greater have been assessed, tagged and inventoried on the property and beyond 3 meters. Diameter at breast height (DBH) was measured for Tree Protection Barrier calculations.
Information gathered was as follows.

1. Tag number
2. Species
3. Diameter (DBH)
4. Health and structural condition rating
5. Reason for poor rating

Health Rating Table

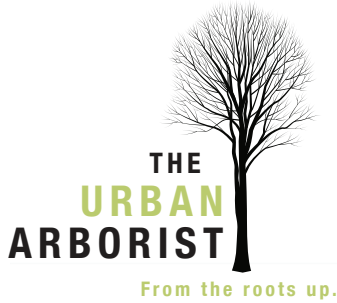
Very Poor 19%-0%	Tree displays severe dieback of branches, canopy is extremely sparse. May exhibit extreme pathogen infestation or infection. Or tree is dead.
Poor 39%-20%	Tree displays some dieback. Branches or canopy is sparse with little or no signs of new growth or vigor. Possible pathogen infestation or infection. Foliar canopy is sparse.
Average 59%-40%	Tree is developing in a manner typical to others in the area. Canopy is full.
Good 79%-60%	New growth is vigorous as evidenced by stem elongation and color. Canopy is dense.
Very Good 100% - 80%	In addition to the attributes of a good rating, tree is displaying extremely vigorous growth and trunk displays a pattern of vigor cracks or lines.

Structural Rating Table

Very Poor 19%-0%	Trunk has large pockets of decay, is bifurcated or has a severe lean. Limbs or branches are poorly attached or dead. Possible hazard.
Poor 39%-20%	Limbs or branches are poorly attached or developed. Canopy is not symmetrical. Trunk has a lean.
Average 59%-40%	Trunk, limb and branch development though flawed is typical of this species.
Good 79%-60%	Trunk is well developed with well attached limbs and branches; some flaws but are hardly visible.
Very Good 100%-80%	In addition to attributes of a good rating, the tree exhibits a well developed root flare and a balanced canopy.

31 Napier Street. Vaughan, ON. Tree Inventory

Tag #	Common Name	Botanical Name	Diameter (@Base) CM	Diameter (DBH) CM	Health Condition	Structural Condition	Notes	Recommendations Based on Site Plan	TPZ	Replacement Requirement
1340	Red Oak	Quercus rubra	35	25	Good	Good		Retain	1.8m	-
1341	Colorado Spruce	Picea pungens	35	25	Good	Good		Retain	1.8m	-
1342	Colorado Spruce	Picea pungens	38	34	Good	Good		Retain	1.8m	-
1343	Colorado Spruce	Picea pungens	38	34			-----FELL DOWN IN STORM-----			
1346	Norway Spruce	Picea abies	68	57	Good	Good		Remove	-	4
1347	Norway Spruce	Picea abies	57	44	Good	Good		Retain	3.0m	-
1348	Norway Maple	Acer platanoides	31	25	Good	Good		Retain	1.8m	-
1349	Sugar Maple	Acer saccharum	22	18	Good	Good		Retain	1.2m	-
1350	Sugar Maple	Acer saccharum	55	44	Average	Average	Cavity at 1.7m above grade on east side	Retain	3.0m	--
1351	Sugar Maple	Acer saccharum	50	37	Average	Average	Cavity at 5m above grade on east side	Retain	2.4m	-
1352	White Pine	Pinus strobus	20	16	Average	Average	Top previously had broken	Retain	1.2m	-
1353	Balsam Fir	Abies balsamea	20	13	Average	Good		Retain	1.2m	-
1354	Norway Maple	Acer platanoides	24	18	Good	Good		Retain	1.2m	-
1355	Black Walnut	Juglans nigra	70	68	Good	Good	On neighbouring property. Tag on fence, 2.6m from fence	Retain	4.2m	-
1356	Tulip Tree	Liriodendron tulipifera	35	27	Good	Good		Retain	1.8m	-
1357	Manitoba Maple	Acer negundo	35	28	Good	Good	On Neighbouring property to the north. 2 m from property line.	Retain	1.8m	-
1358	Black Walnut	Juglans nigra	35	42	Good	Good	3.5m from chain link fence	Retain	1.8m	-
1359	Black Walnut	Juglans nigra	50	40	Good	Good	2m from chain link fence	Retain	2.4m	-
								Total Replacement Trees Required		4



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January 22, 2020

Nadia Zuccaro
EMC Group Limited
7577 Keele St #200
Vaughan, ON.
L4K 4X3

Re: 31 Napier Street. Kleinburg, ON. L0J 1C0

Species: (See attached Tree Inventory Table for more details)


Location: (See attached survey for tree locations)

Nature of Work: Tagging and Inventory of all significant trees within site limits and beyond 3m and preparing an assessment of tree conditions. All trees 20cm in diameter and greater measured at base were inventoried. Chain link fence at rear was the limit of tree study. 3 meters beyond fence were included in study.

Health Assessment: All trees inventoried vary from fair to good condition. See attached Tree Inventory Table for more detail.

Summary: A total of 18 trees were tagged and inventoried. A total of 2 trees are beyond the chainlink fence at the rear of the property. There is 1 existing tree being proposed to be removed. There was 1 tree that has failed in a windstorm and no longer exists. A total of 4 trees are required to be replanted on site for the removal of 1 based on City of Vaughan replacement requirements.

Trees 20cm or greater in diameter at base on property to chain link fence at rear and beyond 3 meters were tagged, inventoried and assessed. Attached to this report are photographs and a survey.


Robert Rafal Lis
ISA Certified Arborist
No. ON-1374A

**SURVEYOR'S REAL PROPERTY REPORT
AND TOPOGRAPHY**

PART 1
PLAN OF LOTS 16, 17 AND 18
REGISTERED PLAN 11
CITY OF VAUGHAN
REGIONAL MUNICIPALITY OF YORK

SCALE 1:200
 METRIC
 RADY-PENTEK & EDWARD SURVEYING LTD., O.L.S.

DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES
 AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

NOTES

- DENOTES MONUMENT FOUND
- DENOTES IRON BAR
- DENOTES STANDARD IRON BAR
- DENOTES REGISTERED PLAN 11
- DENOTES PLAN OF SURVEY BY H. D. G. CURRIE, O.L.S.
- DATED MAY 3, 1978
- DENOTES PLAN OF SURVEY BY E. W. PETZOLD, O.L.S.
- DATED 23, 2005
- DENOTES PLAN 65R-35574
- DENOTES PLAN OF SURVEY BY E. W. PETZOLD, O.L.S.
- DATED 23, 2005
- DENOTES JOHN MADONNON LETCH, O.L.S.
- DENOTES E. W. PETZOLD, O.L.S.
- DENOTES LLOYD & PURCELL LTD., O.L.S.
- DENOTES WALTER WILSON
- DENOTES WATER VALVE
- DENOTES DIAMETER
- DENOTES DECIDUOUS TREE
- DENOTES CONIFEROUS TREE
- DENOTES SPOILED CONTROL POINT

BEARING NOTE

BEARINGS ARE GRID, UTM ZONE 17, NAD83 (ORIGINAL), DERIVED FROM
 BEARINGS ARE GRID, UTM ZONE 17, NAD83 (ORIGINAL), DERIVED FROM
 SCP 10519920016 NORTH 4655913.220 EAST 6092724.018
 SCP 10519920016 NORTH 4655292.717 EAST 6100571.925
 COORDINATES ARE UTM ZONE 17, NAD83 (ORIGINAL), TO URBAN ACCURACY PER
 THE CANADIAN NATIONAL INSTITUTE OF STANDARDS, BE USED TO
 RE-ESTABLISH CORNERS OR BOUNDARIES
 DISTANCES ARE GRID AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY
 THE COMBINED SCALE FACTOR OF 0.9997216

BENCHMARK NOTE

LEVELING AND CONTROL ARE REFERRED TO CITY OF VAUGHAN BENCHMARK
 BENCH MARK 111.3 METRES NORTHWEST CORNER OF TRAFFIC ISLAND
 AT JUNCTION OF HIGHWAY No. 27 AND ISINGTON AVENUE (Y.R.T.) TABLET SET VERTICALLY
 IN TOP OF CONCRETE QUARTER DECK, 11.3 METRES EAST OF EXISTING
 CENTRELINE OF HIGHWAY No. 27.

CAUTION

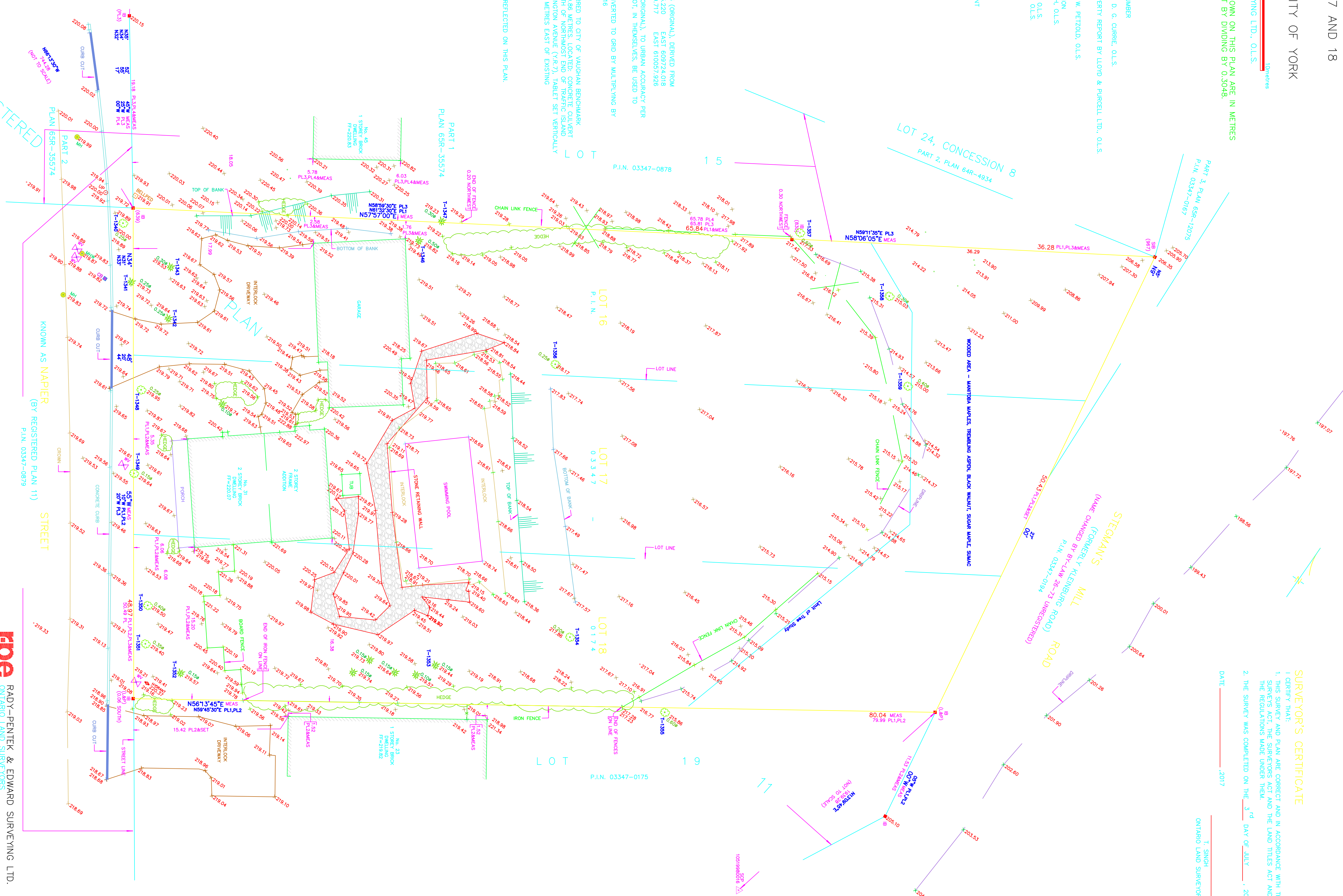
UNDERGROUND SERVICES HAVE NOT BEEN REFLECTED ON THIS PLAN.

PART 2 (SURVEY REPORT)
 REGISTERED EASEMENTS AND/OR RIGHT-OF-WAYS. NONE
 THIS PLAN DOES NOT CERTIFY COMPLIANCE WITH ZONING BY-LAWS

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:
 1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE
 SURVEYOR'S ACT, THE SURVEYORS ACT AND THE LAND TITLES ACT AND
 THE REGULATIONS MADE UNDER THEM.
 2. THE SURVEY WAS COMPLETED ON THE 3rd DAY OF JULY, 2017

DATE: _____ 2017
 T. SINGH
 ONTARIO LAND SURVEYOR



THIS REPORT WAS PREPARED FOR
 AND THE SURVEYOR ACCEPTS NO
 RESPONSIBILITY FOR USE BY OTHER PARTIES.
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epb
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 Woodbridge, Ontario L4L 6A3
 Tel: (416) 635-5000 Fax: (416) 535-5001
 Tel: (905) 264-0881 Fax: (905) 264-2099
 Website: www.r-p-e.com
 DRAWN: V.K. CHECKED: T.S.
 JOB NO. 17-178 CAD FILE NO. 17-178SRPR-1

INTRODUCTION cont.

Factors assessed are as follows:

Trunk

- Cavities
- Mechanical injury
- Cracks
- Swollen/sunken areas
- Insects/disease
- Fungi

Small Branches/Twigs

- Vigour/growth rates
- Distribution
- Appearance
- Insects/disease
- Dieback

Bark

- Taper
- Distribution
- Decay/cavities
- Deadwood
- Insects/disease

Foliage/Buds

- Size of foliage/buds
- Foliage colour
- Foliage injury
- Dieback

Scaffold Branches

- Attachments/included

Buds/foliage

- Insects/disease

Roots

- Collar/flare
- Mechanical injury
- Girdling roots
- Insects/disease
- Decay/fungi

Guidelines of Preservation

1. Preserve, Protect & Maintain

Includes protection with tree preservation hoarding, as well as pre- and post-construction arboricultural works.

2. Preserve & Protect

Includes the installation of tree protection hoarding; no maintenance will be required unless specified in the recommendations.

3. Retain

No protection or maintenance measures are required. Installation of tree protection barriers is optional.



Tree #1340



Tree #1341, #1342, #1443



Tree #1341



Tree #1342



Tree #1343



Tree #1345, #1346, #1347



Tree #1348



Tree #1349



Tree #1350



Tree #1351



Tree #1352



Tree #1353



Tree #1354



Tree #1355



Tree #1356



Tree #1357



Tree #1358



Tree #1359