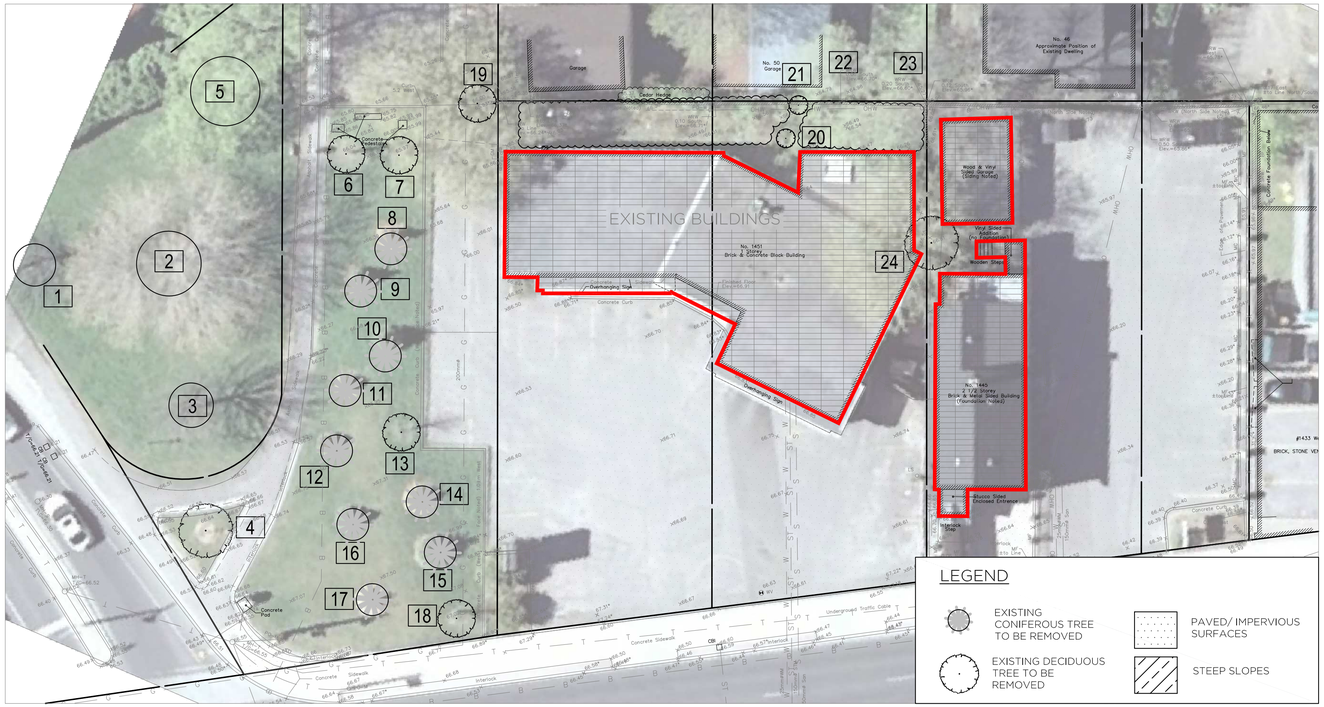
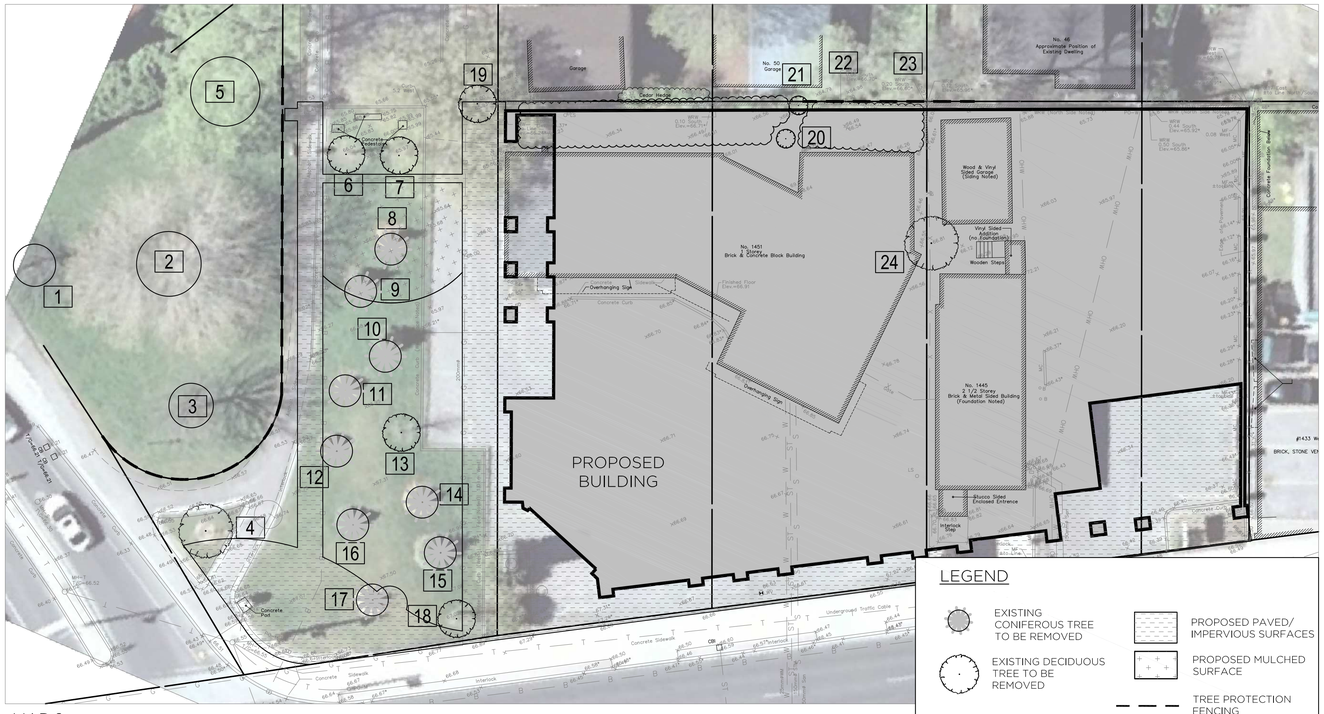


MAP 1



MAP 2

PLANT LIST

TREE #	BOTANICAL NAME	COMMON NAME	CALIPER	CONDITION	AGE*	HIGH QUALITY TREE	RARE TREE	TO BE PRESERVED	COMMENTS
1	Fraxinus americana	White Ash	36.0	GOOD	50	NO	NO	YES	The tree is in good condition, with no Signs of EAB infestation (possibly innoculated). There is a minor wound at the base, well-healed and the presence of some insects (ants).
2	Acer saccharinum	Silver Maple	68.2	MODERATE ***	70	NO	NO	YES	The tree is leaning and poses a potential hazard. Branching begins approximately 1.5m above the root flare, and there is a split with some signs of decay at the union of one very large branch. The tree is otherwise healthy and well-formed.
3	Fraxinus americana	White Ash	32.1	GOOD	50	NO	NO	YES	The tree is healthy with no signs of EAB infestation (possibly innoculated).
4	Ulmus americana	American Elm	21.4	GOOD	25	NO	NO	NO	There are a few very minor dead branches, the tree is otherwise very healthy and well-formed.
5	Salix alba	Willow sp.	Multi-stem (2) - approx. 40 & 60	MODERATE-POOR***	70	NO	NO	NO	The stems diverge from a large, malformed based, with decay, where there is evidence of other stems once present. The smaller of the two remaining stems is leaning and presents a possible hazard.
6	Gingko biloba	Gingko tree	18.4	GOOD	35	NO	NO	NO	The tree is healthy and well-formed, with some suckering a the base, which has been pruned back.
7	Gingko biloba	Gingko tree	14.1	MODERATE	35	NO	NO	NO	The canopy is very lopsided, due to the severe encroachment of a nearby Manitoba Maple. The tree was girdled at the base, though the wounds are well-healed.
8	Picea pungens	Colorado Spruce	Approx. 12	GOOD	20	NO	NO	NO	The tree is in very good health, and is very densely-branched and well-formed, with only a slight warp in the trunk.
9	Picea pungens	Colorado Spruce	Approx. 12-15	GOOD	20	NO	NO	NO	The tree is healthy and well-formed, very densely-branched.
10	Picea pungens	Colorado Spruce	15.2	GOOD	20	NO	NO	NO	The tree is in very good health, and is very densely-branched and well-formed, with only a slight warp in the trunk.
11	Picea pungens	Colorado Spruce	Approx. 10	GOOD	20	NO	NO	NO	The tree is healthy and well-formed, very densely-branched.
12	Picea omorika	Serbian Spruce	Approx. 12	GOOD	20	NO	NO	NO	The tree is healthy and well-formed, very densely-branched, with one minor dead branch.
13	Gingko biloba	Gingko Tree	16.0	MODERATE	35	NO	NO	NO	The tree is suckering, with a large split of approximately 1 m, though well-healed. The tree has a minor lean.
14	Picea pungens	Colorado Spruce	Approx. 12	GOOD	20	NO	NO	NO	The tree is in very good health, and is very densely-branched and well-formed, with only a slight warp in the trunk.
15	Picea pungens var. Glauca	Blue Colorado Spruce	Approx. 12	GOOD	20	NO	NO	NO	The tree is in very good health, and is very densely-branched and well-formed, with only a slight warp in the trunk.
16	Picea pungens var. Glauca	Blue Colorado Spruce	Approx. 12	GOOD	20	NO	NO	NO	The tree is healthy and well-formed, very densely-branched.
17	Picea pungens var. Glauca	Blue Colorado Spruce	Approx. 12	GOOD	20	NO	NO	NO	The tree is healthy and well-formed, very densely-branched.
18	Gingko biloba	Gingko Tree	17.2	GOOD	35	NO	NO	NO	The tree branches at approximately 1.3m, and has a moderate lean, which it appears to have corrected. The tree is very healthy.
19	Acer negundo	Manitoba Maple	MS (6) 18.4-30.7	MODERATE-POOR	40	NO	NO	NO	The tree is characteristically poorly-formed, and there is some evidence of decay at the tree's base where the stems converge. Several of the stems, including the largest, are leaning severely, almost parallel to the ground.
20	Ulmus rubra	Slippery Elm	MS (3) 10.8-11.2	MODERATE	20	NO	NO	NO	The tree is somewhat poorly formed and misshapen due to its location. The stems are all leaning somewhat and the canopy is sparse.
21	Ulmus pumila	Siberian Elm	11.8	POOR	20	NO	NO	NO	The tree is poorly formed, and is leaning severely. The canopy is sparse.
22	Acer negundo	Manitoba Maple	approx. 20	GOOD	35	NO	NO	YES	The tree is growing on the adjacent property, at the base of the retaining wall along the north border of 1445 Wellington. The tree is in good health and is unusually well-formed for the species.
23	Acer negundo	Manitoba Maple	approx. 60	GOOD	85	NO	NO	YES	The tree is growing on the adjacent property, at the base of the retaining wall along the north border of 1445 Wellington. The tree is large and in good health and is unusually well-formed for the species.
24	Acer negundo	Manitoba Maple	Approx. 70	MODERATE	85	NO	NO	YES	The tree is growing extremely close to a wooden fence, which has been attached to the tree. The trunk and bark is warped and distorted, and the tree is leaning slightly. The tree is very large and appears healthy.

* AGE BASED ON GROWTH RATE FORMULA METHOD AND HISTORIC AERIAL PHOTOGRAPHY.

TREE PROTECTION FENCING:

A. WHERE SOME EXCAVATION 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.

B. ALL SUPPORTS AND BRACING SHOULD BE OUTSIDE THE TREE PROTECTION ZONE. ALL SUCH SUPPORTS SHOULD MINIMIZE DAMAGING ROOTS OUTSIDE THE TREE PROTECTION ZONE.

C. NO CONSTRUCTION ACTIVITY, GRADE CHANGES, SURFACE TREATMENT OR EXCAVATIONS OF ANY KIND IS PERMITTED WITHIN THE TREE PROTECTION ZONE.

D. ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARDS ANY TREE'S CANOPY.

E. DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE.

SITE DESCRIPTION

THE PROPERTIES AT 1445 AND 1451 WELLINGTON STREET WEST HAVE LITTLE IF ANY ECOLOGICAL VALUE, AS THE VAST MAJORITY OF THE SITE IS PAVED OR OCCUPIED BY BUILDING FOOTPRINT. ADDITIONALLY SOIL TESTS HAVE INDICATED THAT THE SITE IS CONTAMINATED WITH HYDROCARBONS. THE SITE WILL APPARENTLY BE REHABILITATED WHICH WILL MAKE THE PRESERVATION OF THE ONE TREE ON THIS SITE IMPOSSIBLE.

BECAUSE OF THE TYPE AND EXTENT OF THE CONTAMINATION, IT IS VERY LIKELY THAT THE ROCKHURST PARKETTE SITE IS ALSO CONTAMINATED. THE SITE CONTAINS SEVERAL HEALTHY, WELL-FORMED TREES, WHICH CANNOT BE RETAINED IF THE SITE IS TO BE REHABILITATED.

GREENSPACE LINKAGES

Ottawa Greenspace Master Plan, Map 1

- PRIMARY AREAS
- SUPPORTING AREAS
- CONTRIBUTING AREAS

NOTES:
- THE SITE NOT IDENTIFIED AS SIGNIFICANT IN THE OTTAWA GREENSPACE MASTER PLAN. IT MAY HAVE SOME SLIGHT SIGNIFICANCE AS A CONNECTION POINT BETWEEN AREA 'A' AND 'C'. HOWEVER AREA 'B' IS LIKELY A PREFERABLE ALTERNATIVE.

NOTES:

THE PROPOSED LOSS OF VEGETATION FOR THIS PHASE OF DEVELOPMENT WILL BE AS FOLLOWS:
- 18 TREES
- APPROXIMATELY 170 m2 OF EXISTING SOFT LANDSCAPE TO BE OCCUPIED BY THE FOOTPRINT OF PROPOSED NEW BUILDINGS, SUBSURFACE SLAB AND HARD SURFACE

ALL OF THE EXISTING TREES WILL BE REMOVED FROM THE SITES IN QUESTION. THE POSSIBILITY OF TRANSPLANTING EXISTING TREES WAS INVESTIGATED, HOWEVER MANY OF THE CANDIDATES ARE EITHER TOO LARGE TO TRANSPLANT OR ARE TOO CLOSE TO EXISTING UNDERGROUND UTILITY LINES. FURTHER CONCERN ABOUT THE SPREAD OF CONTAMINATED SOILS THROUGH THE TRANSPORT OF THE ROOTBALLS MAKES THE RETENTION OF THE EXISTING TREES ON THIS SITE UNDESIRABLE.

THIS WILL HAVE A MINOR IMPACT ON THE SITE IN TERMS OF ITS ENVIRONMENTAL VALUE AS HABITAT AND GROUND WATER RECHARGE DUE TO THE LIMITED VALUE OF THE SITE TO BEGIN. THE REHABILITATION OF THE SITE IN TERMS OF THE CONTAMINATION WILL BE AN IMPROVEMENT TO THE SITE.

THERE WILL BE 15 NEW TREES PLANTED ON THE ROCKHURST PARKETTE SITE AND AS STREET TREES ALONG WELLINGTON STREET WEST. REFER TO THE LANDSCAPE PLAN FOR SPECIES AND QUANTITIES.

TREE PROTECTION FENCING IS TO BE ERECTED ALONG THE PROPERTY LINE WHERE APPLICABLE TO PROTECT THE TREES ON THE ADJACENT SITES (REFER TO MAP 2).

0 2 5 10 25 50 Meters

ADDITIONAL INFORMATION

1) OWNER:

SAM MIZRAHI
MIZRAHI DEVELOPMENTS INC.
185 DAVENPORT ROAD, SUITE 300
TORONTO, ON
M5R 1J1

2) APPLICANT:

FOTENN CONSULTANTS
223 MCLEOD STREET
OTTAWA, ON
K2P 0Z8
613-730-5709

3) AUTHOR:

LISA MACDONALD, BLA, OALA
CERTIFIED ARBORIST (ON-1513A)
FOTENN CONSULTANTS
223 MCLEOD STREET
OTTAWA, ON
K2P 0Z8
613-730-5709 X 242

4) MUNICIPAL ADDRESS OF THE SITE:

1445 & 1451 WELLINGON AVENUE

5) OFFICIAL PLAN & ZONING DESIGNATION

CURRENT ZONES OF SITE:
TM11

NO.	ISSUE & REVISIONS	DATE
1	SUBMITTED FOR SPA	2013-11-04

1. The General Contractor shall verify all conditions in the field and report any discrepancies to the Landscape Architect prior to construction.

2. Any areas outside the limit of work damaged by the General Contractor shall be restored by the General Contractor to the satisfaction of the contract administrator at no additional cost to the Owner.

3. All underground utilities to be located by the General Contractor prior to the commencement of any work.

4. This drawing is a portion of a complete project and shall be read in conjunction with all other drawings, specifications and tender documents related to the project, regardless of origin.

5. All measurements in millimeters unless otherwise noted.

6. Do not scale drawing.

SEAL

PROJECT NORTH

FOTENN

PROJECT
1445 & 1451 WELLINGTON
& ROCKHURST PARKETTE
OTTAWA, ON

DRAWING
TREE CONSERVATION REPORT

SCALE:	1:200	DRAWING NO.	ARB1
DRAWN:	LM		
CHECKED:	LM		
DATE:	2013-06-03	REVISION NO.	