

File No.: 04-1000-20-2021-476

November 19, 2021

s.22(1)

Dear s.22(1)

## Re: Request for Access to Records under the Freedom of Information and Protection of Privacy Act (the "Act")

I am responding to your request dated September 14, 2021 under the *Freedom of Information and Protection of Privacy Act, (the Act),* for:

# Arborist Report prepared by Monkey Tree Services for removal of Tree #68, related to DP-2020-03940. Tree Permit-2021-00413. Date Range: May 17, 2021 - September 13, 2021.

All responsive records are attached. Some information in the records has been severed, (blacked out), under s.22(1) of the Act. You can read or download this section here: <a href="http://www.bclaws.ca/EPLibraries/bclaws\_new/document/ID/freeside/96165\_00">http://www.bclaws.ca/EPLibraries/bclaws\_new/document/ID/freeside/96165\_00</a>.

Under section 52 of the Act, and within 30 business days of receipt of this letter, you may ask the Information & Privacy Commissioner to review any matter related to the City's response to your FOI request by writing to: Office of the Information & Privacy Commissioner, info@oipc.bc.ca or by phoning 250-387-5629.

If you request a review, please provide the Commissioner's office with: 1) the request number (#04-1000-20-2021-476); 2) a copy of this letter; 3) a copy of your original request; and 4) detailed reasons why you are seeking the review.

Yours truly,

[Signature on file]

Barbara J. Van Fraassen, BA Director, Access to Information & Privacy Barbara.vanfraassen@vancouver.ca 453 W. 12th Avenue Vancouver BC V5Y 1V4 \*If you have any questions, please email us at <u>foi@vancouver.ca</u> and we will respond to you as soon as possible. Or you can call the FOI Case Manager at 604.871.6584.

Encl.

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## DB-2020-03940

RECEIVED	RECEIVER D
IN CITY OF VANCOUVER	JAN 20 2000
DEC 09 2020 ;	COMMUNITY SERVICES
une 29th, 2020 COMMUNITY SERVICES	PLANNING & DEVELOPMENT SERVICES

(this report is non-transferable and is produced and deemed for use by the commissioning party only, it cannot be used by another party or applied to the subject property, it is not produced for the subject property)

**Purpose of report**: Meet municipal criteria for development submissions. This report will confirm site inspection and highlight potential irregularities with respect to trees on the addressed property and adjacent properties. Tree location and identification with an outline of retention and associated parameters, or for removal and solid reasons for removal as per Bylaw allowances. Outline any tree protection and special Arboricultural operational parameters as/if required. A basic outline of general tree conditions will be commented on but no in-depth analysis will be outlined.

Site visitation: March 24<sup>th</sup>, 2020 @ 08:46 AM, calm, cloudy spring day, no notable weather. Site Inspector: Wai Yin Ling, I.S.A Cert#- HK 1662-A, TRAQ certified (exp 2024).

Methods of inspection: Level 1 - LVA (Limited Visual assessment) Level 2 - (Basic Inspection) Includes ground observations, observations of general tree location, CRZ, trunk, and general crown form, identification of readily visible issues or areas of concern relative to purpose of reporting. Additional methods of inspection will be outlined as/if required/applicable. Secondary Hazard assessment may be referenced/contained within report.

Limitations of Inspection: This report and information within is based on the time of and type of inspection/inspections only, it does not assert or predict future outcome of overall tree health or stability, the inspection is limited to a base line examination of the tree geared towards development and ground penetration and may not recognize hidden or unknown variables associated with tree health, history or condition. This report is deemed as a valid reference on the date of inspection only and does not apply to future conditions of tree as outlined. (*Refer to disclaimer at end of report for in-depth outline*)

Additional information: Attached site plan, supplemental photos, tree preservation outline based on schedule "A" of the "Protection of Trees Bylaw" city of Vancouver, referenced site survey provided by commissioning party. "Fig 3"-TPB – TreeProtection Barrier, PL - Property Line, PTB - Protection of Trees Bylaw, TMP Tree Management Plan, CRZ - Critical Root Zone. Identification of trees on site with (blue) tree tags. Report contains (12) pages with site plan. Trigger points may be identified for Arborist inclusion.

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## This report and any other Arboricultural information should accompany any development plans.

The developers of this property are required to submit an Arborist report in conjunction with their development submission. This report will outline surveyed trees and appropriate action on each tree. Identification and location will be outlined as well as tree preservation methods as required. This report also verifies a site inspection for the purposes of continuity with respect to tree location and orientation. This report is not an in-depth analysis of each tree and/or biological details of condition as a whole but is more an identification of species, location, and required action relevant to set development expectations within bylaws and general City of Vancouver development rules.

## TREE CONDITIONS - INFORMATION/OBSERVATIONS

Tree Vigour - Basic Definition of general overall tree health, broken into three defined categories

Low - Tree is weak and/or growing under stress, duress, containment and/or confinement
 Normal - Tree is average vigour for its species and the relative site conditions/factors
 High - Tree is growing well for its species and appears to be free of significant health factors

TREE CONDITIONS & INFORMATION TABLE								
Tree Species	Tree ID #	DBH	Crown Spread	Tree Location	ТРВ	Tree Vigour - General Observations	Bldg Envlpe	Action
Maple	#67	60 cm DBH	N/A	South neighbour's west inner blvd	RQD 3.6 m or 12 ft	CIVIC TREE, IDENTIFIED FOR TPB CONSIDERATIONS ONLY	NO	RETAIN
Maple	#68	54 cm DBH	N/A	NW of quadrant of subject property	RQD 3.3 m or 11 ft	NORMAL VIGOUR Rooting area restricted by building foundation and neighbour's paved walkway	NO	RETAIN
Cypress	#69	40 cm DBH	N/A	SE of quadrant of subject property	NOT RQD	NORMAL VIGOUR Multi-stemmed, bark inclusion, topped previously	YES	REMOVE
Cypress	#70	24 cm DBH	N/A	SE of quadrant of subject property	NOT RQD	LOW VIGOUR Topped previously, crooked stems, chlorotic foliage	NO	REMOVI
Cypress	#72	40 cm DBH	N/A	SE quadrant of subject property	RQD 2.4 m or 8 ft	NORMAL VIGOUR Topped previously	NO	RETAIN
Maple	A	24 cm DBH	N/A	NE comer of south neighbour's property	RQD 1.5 m or 5 ft	NEIGHBOUR'S TREE, IDENTIFIED FOR TPB CONSIDERATIONS ONLY	NO	RETAIN
English holly	В	34 cm DBH	N/A	SE comer of north neighbour's property	NOT RQD	NEIGHBOUR'S TREE, IDENTIFIED FOR TPB CONSIDERATIONS ONLY	NO	REMOVE

Building Envelope - (Bldng Envlpe) - affected or in proximity to defined building envelope areas.

"DBH" - DIAMETER AT BREAST HEIGHT, "TPB"- TREE PROTECTION BARRIER

**Tree #67** is a Maple (*Acer* sp.) tree located on the south neighbour's west inner boulevard. The tree is 60 centimetres DBH. It will require a minimum TPB of 3.6 metres, or 12 feet, radial span. This is a civic tree and was not formally inspected. It is included here only for TPB considerations. No development activities are permitted within the tree protection area.



Tree #68 is a Maple (*Acer* sp.) tree located in the northwest quadrant of subject property. The tree is 54 centimetres DBH and will require a minimum TPB of 3.3 metres, or 11 feet, radial span. The tree is in close proximity to the corner of existing building. The rooting area within the subject property is congested by other vegetation and is severely restricted by the existing building foundation. The closest corner of the proposed principal building envelope is farther than the existing building foundation. Impacts of foundation excavation would be minimal as roots are not anticipated beyond the existing foundation. TPB is to be erected within the confines of the existing building initially, and expand to where digging permits in phase 2 after demolition. Arborist inclusion is required for demolition/excavation for principal building, utility connections, any fencing activities, final landscaping, and any entry into the formal TPB area. Arborist inclusion required. (*Refer to Arborist inclusion outline & the TPB and Tree Impact Summary table.*) NO activities within the formal TPB areas without Arborist inclusion.



**Tree #69** is a Cypress (*Cupressaceae* sp.) tree located in the southeast quadrant of subject property. The tree is 40 centimetres DBH and, if retained, would require a minimum TPB of 2.4 metres, or 8 feet, radial span. The tree starts off single stemmed and forks into multiple stems at approximately 3 metres height. Bark inclusion is not severe. One of the stems was previously topped. Multiple pruning cuts were observed on stems with residual stubs. The tree is in close proximity to the proposed building envelope. Construction actions will require excessive root cutting. Retention is not a feasible option.

The tree is recommended for removal in accordance with **PTB Sec. 4.5** (a) the location of the tree is within a building envelope defined or described under a development permit or building permit, and changing the siting of an accessory building within that envelope to allow retention of the tree is not possible. A permit is required for this removal.



**Tree #70** is a Cypress (*Cupressacede* sp.) tree located on the southeast quadrant of subject property. The tree is 24 centimetres DBH and, if retained, would require a minimum TPB of 1.5 metres, or 5 feet, radial span. The tree was previously topped at approximately 3 metres height. The main stem then split and developed into two leaders. Tree vigour is low compared to species of same kind. Over 40% of the crown is chlorotic. This is abnormal for an evergreen tree and suggests this tree is in decline. It is recommended for removal in accordance with **PTB Sec. 4.5** (*h*) an arborist certifies that the tree is dying and is likely to be dead within six months or is dead. A permit is required for this removal.



Tree #72 is a Cypress (*Cupressaceae* sp.) tree located on the southeast corner of subject property. The tree is 40 centimetres DBH and will require a minimum TPB of 2.4 metres, or 8 feet, radial span. The tree was previously topped at approximately 6 metres height. Pruning cuts were observed near trunk base. Roots to the east are restricted by a stone retaining wall. Tree vigour is normal. The foundation of the proposed new garage will be intruding 2 feet into the TPB at the north. As there is already a concrete retaining wall farther on this direction, root content should be limited. TPB is to be erected at full size initially and reduced to the new garage's perimeter. Arborist inclusion is required for excavation, garage actualization, walkway installation, fencing actions, retaining walls demolition, final landscaping, and any entry into the formal TPB area. <u>Arborist inclusion required.</u> (*Refer to Arborist inclusion outline & the TPB and Tree Impact Summary table.*) NO activities within the formal TPB areas without Arborist inclusion.



**Tree A** is a Maple (*Acer* sp.) tree located on the northeast corner of south neighbour's property. The tree is 24 centimetres DBH and will require a minimum TPB of 1.5 metres, or 5 feet, radial span. This is a neighbour's tree and was not formally inspected. It is included here only for TPB considerations. The tree is approximately 60 - 70 centimetres away from property line. It is protected by **Tree #72**'s TPB by default. No development activities are permitted within the tree protection area.



**Tree B** is an English holly (*llex aquifolium*) tree located on the southeast corner of north neighbour's property. The tree is 34 centimetres DBH and, if retained, would require a minimum TPB of 2.1 metres, or 7 feet, radial span. This is a neighbour's tree and was not formally inspected. It is included here only for TPB considerations. The tree is approximately 60 - 70 centimetres away from property line. The tree is clearly in decline with very sparse foliage and the crown receding from the bottom. As this is a neighbour's tree, a letter of consent will be required from the tree owner for removal. It can be removed in accordance with **PTB Sec. 4.5** (*h*) an arborist certifies that the tree is dying and is likely to be dead within six months or is dead. A permit is required for this removal.



**NOTE:** There is an undersized entity located in the southeast quadrant of subject property. It is tagged as **Tree #71**. On the assumption the tree is not a replacement tree, the decision to retain or remove it is at the homeowner's discretion.

## There are no street trees are associated with this site

There are no other trees on the adjacent properties that require Arborist intervention at this time. It is suggested that any hedges either on or off the property have a TPB erected for due diligence purposes. Small and medium sized hedges can have a TPB erected 1-2 feet out from the outside edge of the hedge. This will add to viable hedge retention as required. Refer to Fig 3 for TPB construction and operational parameters.

\*NOTE – Sewer and water connections may interfere with viable tree retentions. This report may, or may not, address the locations of these connections based on the information that was provided. It is suggested that underground utilities be redirected to aid in tree preservation. Otherwise, some outlined retentions may not be viable and tree removal may be required or warranted.

NOTE: residual stumps in protected areas will require spot stump grinding and non extraction.

## FOR ALL TREE RETENTIONS, THERE ARE TO BE NO GRADE CHANGES WITHIN OUTLINED OR SPECIFIED TPB AREAS, NO EXCEPTIONS.

NOTE: ARBORIST CONSULTATION IS REQUIRED FOR ALL FINAL LANDSCAPE INSTALLATIONS PRIOR TO COMMENCEMENT OF ACTUAL WORK. THIS IS TO ENSURE BEST PRACTICES REGARDING PRESERVATION OF TREE ROOT AREAS.





Tree #0 Crown overview Crown overview

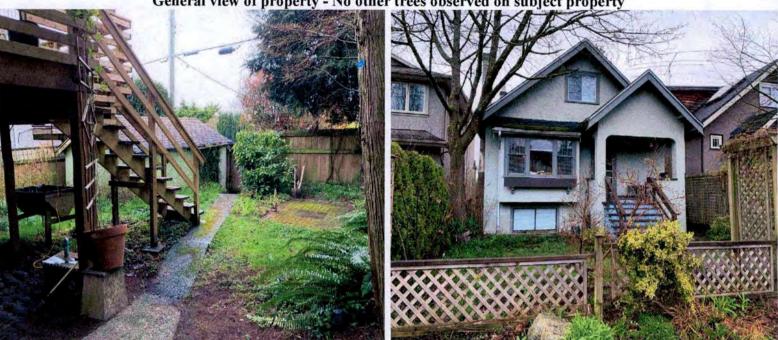


Undersized entity Tree #71



Tree #67 - south neighbour's inner-boulevard tree





General view of property - No other trees observed on subject property

## ARBORIST INCLUSION - OUTLINE AND EXPECTATIONS

The city asks for additional outlines as follows: "An ISA Certified Arborist will be on-site to supervise any work\* within any Tree Protection Zone (as noted on the approved development plans) and within 3feet of any Tree Protection Zone (as noted on the approved development plans). \*Work includes, but is not limited to: excavation, demolition, landscaping, walkway/retaining wall removal or installations, fence removal or installations, shrub or stump removals, Arborist directed grade changes. Fence post holes are to be reused as required. Failing a formal defined description within tree specific paragraphs within the report, Arborist inclusion is required for "any and all work that may fall into the formal or prescribed TPB area". A formal outline may not be outlined in the tree descriptions within the report but it is assumed and outlined in this paragraph that any and all work within a formal, designated or outlined TPB areas is expected to have Arborist inclusion. It should be noted that that any work within the formal TPB area or within 3 feet of any TPB area on any subject site will require Arborist inclusion, this is the definition of Arborist's Inclusion. Arborist inclusion is required within the bylaw for any and all retained site trees during construction or site development actions. Refer to Sec 7.2 in the PTB to clarify any questions, or discuss with the civic authority.

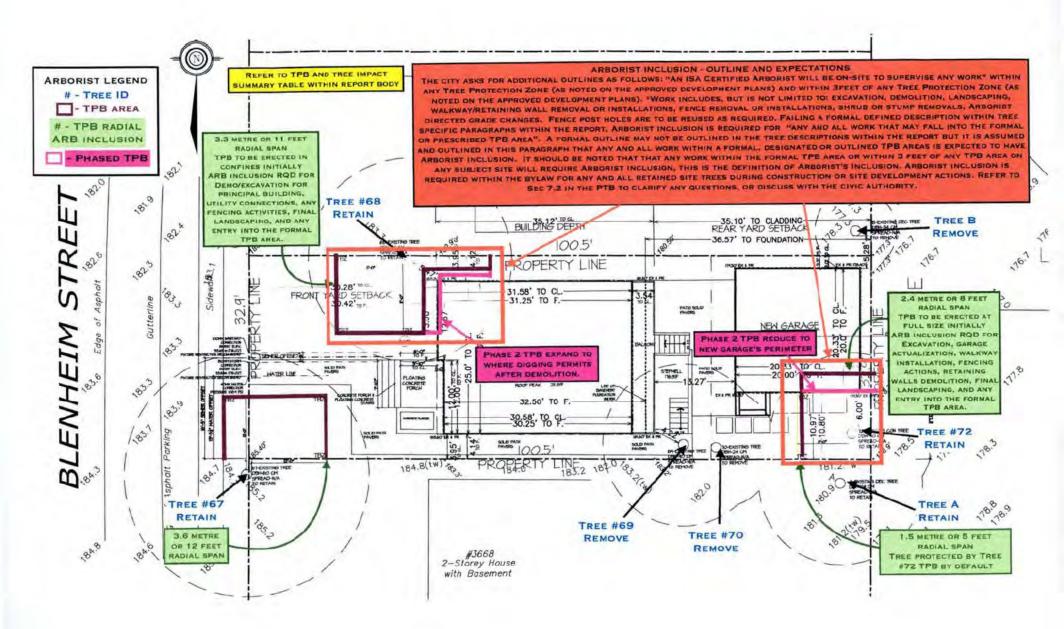
## DBH, TPB and tree impact are listed in the summary table below.

Radial Span - Distance of measurement from the outside edge of an identified tree's trunk to the outside edge of the protection area.

\*TPB sizes on site plan may reflect a larger or smaller area than indicated dependent upon site factors or existing infrastructure that may limit erection ability of TPB.

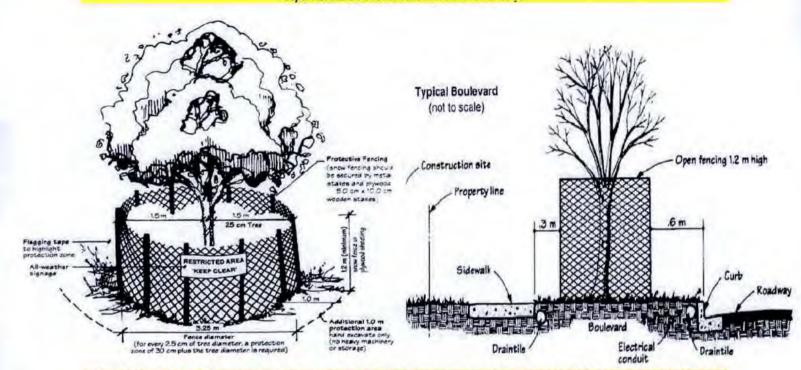
Tree Species	Tree ID #	DBH	Crown spread	Tree Location	ТРВ	Arborist Inclusion	Anticipated Site action
Maple	#67	60 cm DBH	N/A	South neighbour's west inner byld	RQD 3.6 m or 12 ft	NO	No anticipated site actions at this time
Maple	#68	54 cm DBH	N/A	NW of quadrant of subject property	RQD 3.3 m or 11 ft	YES	Demolition/excavation for principal building, utility connections, any fencing activities, final landscaping, and any entry into the formal TPB area. TPB to be erected within confines of existing building initially, and expand to where digging permits in phase 2 after demolition.
Cypress	#72	40 cm DBH	N/A	SE quadrant of subject property	RQD 2.4 m or 8 ft	YES	Excavation, garage actualization, walkway installation, fencing actions, retaining walls demolition, final landscaping, and any entry into the formal TPB area. TPB to be erected at full size initially and reduced to new garage's perimeter.
Maple	A	24 cm DBH	N/A	NE corner of south neighbour's property	RQD 1.5 m or 5 ft	NO	No anticipated site actions at this time

NOTE: All TPB is to be erected at the prescribed radial whenever possible. It can be stepped back 2 feet off of existing infrastructure to allow for site access or Arborist access for supervision areas. Refer to Fig 3 for TPB construction and operational parameters.



#### Standard and Boulevard Tree Protection Barrier (TPB) guide/outline (Fig 3)

TPB is to be erected in accordance with municipal bylaw. Traditionally it is composed of wooden 2x4 construction and orange snow fencing material. It is to be erected in a suitable geometrical form or shape to encompass the outlined areas in the above mentioned report, or as described by development services. It is to be a permanent structure that can be maintained for the entire development process. It is to be adhered to and the inside area is not to be used for storage of supplies or rubbish. Any reduction in TPB should be supervised and Arborist consultation is mandatory.



#### ALL TPB WILL BE ERECTED IN A GEOMETRICAL FASHION WITH THE SIDES OF THE FORM REPRESENTING THE

RADIAL SPAN. For any finish work post construction and for new landscape installation it is important to minimize ground penetrating activities within any outlined TPB areas. The grade of areas that are within TPB areas should be maintained. If there is any major ground penetrating activities required within TPB areas consultation with a Certified Arborist is recommended. Little or no ground penetration should be performed within the outlined TPB areas at any time during, or after development activities. Any modification or adulteration of a TPB area should be verified with a Certified Arborist. If there is any hesitation with respect to ownership of any outlined trees and/or distinctive actions to trees on this site it is recommended to consult with applicable parties to ensure that no one's property has been wrongfully adulterated. Monkey Tree Services/Tree Police Services Ltd does not designate ownership of outlined plant or tree materials described in this report.

NOTE: residual stumps in protected areas will require spot stump grinding and non extraction.

Signed.

(Digital Signature/Sent Electronically) Wai Yin Ling - Development Consultant ABCFP Forester-in-Training ISA Certified Arborist HK#1662-A ISA Certified Tree Risk Assessor (TRAQ) Tree Police Services Ltd (604) 833-2479

\*(PLEASE REFER TO DISCLAIMER AND LIMITED LIABILITY OUTLINE)



## WWW.THETREEPOLICE.COM



## Important information regarding the care and management of trees during construction.

It is important to understand that trees are living breathing entities that bear witness and feel the brunt of development activities associated with large format renovation or full re-development of properties.

The following list provides considerations for trees both PRE and POST construction influences or experiences. Reference these details and take reasonable and responsible care to preserve and protect your asset trees during the development process.

- 1. Trees are a vital resource that provide clean air and habitat for many urban birds and animals.
- 2. Trees provide the construction materials needed to enable the development undertaking.
- 3. Trees experience the sensation of being hungry or thirsty and need care in urban areas.
- 4. Trees can suffer greatly if not cared for both during and after construction activities.
- 5. Trees have an equal amount of active areas both above and below the ground.
- 1. It is important to maintain the prescribed Tree Protection Barriers (TPB). TPBs not only preserve the above ground tree entity, but are predominately used to outline the highly sensitive area of the root zone. The root zone is the underground half of the tree's biological function and stability mechanisms.
- 2. If your trees have had a minor or major amount of root plate adulteration with an Arborist involved, or supervised modifications, it is important to ensure in the following years that the trees have access to water. Either a new sprinkler system that covers the root area or a conscientious effort to ensure watering will meet this need and allow the tree to recover from remedial work as/if needed
- 3. Mulching the TPB area will reduce water evaporation and reduce water loss due to evaporation. Monkey Tree Services can provide you with mulch as needed. This mulch can also be left in place or landscaped on top or around the root zone. The remaining mulch will provide long-term time release fertilizing and aid in stress reduction from construction impacts.
- 4. It is important to keep an eye on your trees, both during and after the construction process, for small or subtle changes that may indicate a problem. Consult Tree Police Services Ltd, or another Certified Arborist firm, if symptoms arise, or you have uncertainties regarding the conditions of your trees.
- 5. Pruning requirements, or shaping of trees, should be kept to a minimum during the construction process. It is suggested that pruning be addressed just before final landscaping so as not to disrupt the new landscape installation and to allow for the trees' final placement of form in the new landscape. Clearance pruning for buildings etc. should be done with the least amount of pruning in order to allow for construction requirements. Final shaping can be done as outlined.

These are a few basic items that will aid in the care and management of your trees during the construction process. Consult as needed for expansion on these items, or for further in-depth knowledge as it relates to your specific project or development.

#### DISCLAIMER AND LIMITED LIABILITY OUTLINE

This report is based on a visual inspection from the ground of the addressed property/properties and associated tree/trees. No crown inspection or elevated areas of the tree have been directly accessed/observed or core samples taken at the time of the outlined inspection. The report is an assessment of the tree/trees based on the current condition at said time of assessment. As described in the body of the report, it is based on observations from the ground only. The report in no way guarantees retention, health or longevity of assessed tree/trees due to the unpredictability and dynamic process of nature. This report is to be deemed as "Valid" on the date of inspection/inspections and does not account for changes that occur outside of or after the specific date of inspection, or specified site actions. The report is for the sole use of the commissioning party and is not transferrable to a new owner. This document is not written and/or assigned to the subject property or re-development of said property. Monkey Tree Services/Tree Police Services, or any of its direct representatives under direct employ, are not responsible for assigning ownership of outlined trees. The report is written using the supplied site plan and/or survey provided by the property representatives and a basic site inspection. This report is unbiased and based on proper tree understanding and analysis as set forth by the International Society of Arboriculture (ISA). Monkey Tree Services/Tree Police Services, or any direct representatives or anyone under employ, cannot be held accountable or liable for any wrong doings or negligence with use or improper use or application of above mentioned parameters. Monkey Tree Services/Tree Police Services should be retained for continuity purposes for consultation as/if recommended in this report. Additional reporting may be required during the development process. NOTE: Pursuant to the Preservation of Trees Bylaw for the City of Vancouver, Section 7.2 subsection (e) item (i)-(v). Monkey Tree Services/Tree Police Services or any direct employees are only accountable to the direction of the overall owner of the subject property. The responsibility of bylaw compliance lies fully on the owner of the subject property. Monkey Tree Services/Tree Police Services and anyone under direct employ is fully available to work within expected by law parameters at the direction of the owner, the sole responsible party for applications of tree bylaw under development protocol. Monkey Tree Services/Tree Police Services is not responsible for TPB areas, nor for TPB infractions from daily site activities on the job site. It is up to the onsite development authority, agent, owner or civic authority relevant to the subject property to ensure TPB compliance. Submission or use of this document or portions thereof, with or with out a formal signature of the commissioning party or party representatives, is a full acceptance, agreement, and understanding of this disclaimer.

This report is used to address the current conditions of the trees relative to the outlined purpose of the report. Monkey Tree Services/Tree Police Services does not assert future health and condition of trees outlined or mentioned in this report, nor is responsible for any future monitoring of trees outlined in this report or any subsequent reported development actions relating to outlined or potentially impacted trees. All work performed has been completed to preserve the integrity of the tree and, outside of normal weather or universal experience, the trees are certified suitable for retention or for removal dependent upon reported actions. The future monitoring and condition of the outlined trees is the sole responsibility of the current owner or future unknown owners of trees mentioned in this report or associated with the subject property address. Any retained trees should be future monitored and inspected. Monkey Tree Services/Tree Police Services assumes no responsibility to or for future monitoring of tree or site conditions after the specified time of inspection or site actions associated with the specifies of the development. Monkey Tree Services/Tree Police Services or people under direct employ are not liable for future monitoring of site or neighbours' trees outside of set site actions or site development.

This report is a single entity and is to be considered the primary report. If additional reporting is required additional fees may apply. Site supervision and potential root pruning requires an assumption of liability by Monkey Tree Services/Tree Police Services and its representatives. Additional fees will be required for the assertion, execution, and follow-up documentation as/if required. A follow-up report or additional documentation will be prepared and maintained on file to verify and substantiate any actions undertaken by Monkey Tree Services/Tree Police Services to outline resultant actions performed on trees as/if required. It is strongly suggested that a copy of any follow-up report be acquired by the owners of the property to be included in their documentation pertaining to the development. activities that were undertaken with respect to the trees described within the report. If a copy of the follow-up report is not purchased then the commissioning party will not be protected by information or explanations within the follow-up documentation. It will be for the exclusive use of Monkey Tree Services/Tree Police Services and anyone under its direct employ. The signature below indicates that this disclaimer has been read and understood.

Signed,

(Printed Name)

(Signature

(Title or role within project)

Address of report

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## WWW.MONKEYTREESERVICES.COM



June 29th, 2020

To: Development Services, City of Vancouver. <u>RE: Letter Of Assurance (LOA) - Retention of Services for site supervision – 3656 Blenheim Street</u>

## Defined phases of Arborist inclusions & property development.

Phase 1 – Design, tree assessment, arboricultural outline and identification of key Arborist items impacted by development that may include Arborist on site inclusion.

Phase 2 – This is the primary stage for site actions. It includes but is not limited to: Demolition of site structures, site access for machinery, dump truck's special site equipment access considerations. Fence removal, walkway and driveway removal. Tree and stump removals, shrub, hedge and greenery removal. Concrete form work, retaining walls, pony walls and formal foundation removals. Remedial site work or preparations relating to phase 3 or formal excavations.

Phase 3 – This is the primary excavation time. It includes but is not limited to: Principle structure excavations. Secondary or rear building envelope excavations, utilities corridor excavations. Electrical line clearances, temporary power service installations, special site access considerations for form work, back filling of foundations. Site access needs for deliveries, utilities connections, tree barrier adjustments, building clearance & potential pruning needs. Retaining wall excavation, fence installations.

**Phase 4** – This is the final stage of the project: It includes but is not limited to: TPB reduction or removals. New landscape installations, tree plantings, retaining wall development, paving stones, turf installations, fence repair or installations, surface hard and soft-scape installations. Tree pruning, or subsequent removals of existing landscape within TPB areas. Grade changes, garden and landscape material installations, sprinkler installations, driveway, asphalt, or paving stone installations, pony-wall, fence post or landscape installation within former or designated TPB areas. Final inspection for the Arborist to confirm that an effort in harm reduction to retained trees was undertaken.

## TREE IMPACT AND DEVELOPMENT PHASES

Tree Species	Tree ID #	DBH	Crown spread	Tree Location	ТРВ	Development Phase	Anticipated Site action
Maple	#68	54 cm DBH	N/A	NW of quadrant of subject property	RQD 3.3 m or 11 ft	PHASE 2-4	Demolition/excavation for principal building, utility connections, any fencing activities, final landscaping, and any entry into the formal TPB area. TPB is to be erected within confines of existing building initially, and expand to where digging permits in phase 2 after demolition.
Cypress	#72	40 cm DBH	N/A	SE quadrant of subject property	RQD 2.4 m or 8 ft	PHASE 2-4	Excavation, garage actualization, walkway installation, fencing actions, retaining walls demolition, final landscaping, and any entry into the formal TPB area. TPB is to be erected at full size initially and reduced to new garage's perimeter.

"DBH" - DIAMETER AT BREAST HEIGHT, "TPB" - TREE PROTECTION BARRIER

This document is the LOA for the subject site. It will serve as formal confirmation of the retention of Certified Arborist services for site supervision as it relates to this property. The key times and areas are identified within the primary Arborist report or any supplemental addendum, They are defined within the **Development and Arborist Phases noted above**. **These expectations are in line with the PTB Sec 7.2 (Refer to Fig 1)** Monkey Tree Services has been retained to oversee the various phases as outlined in the report/addendum for the subject property and to exercise appropriate Arboricultural measures as/if needed. Follow up reporting is required to confirm Arborist inclusion. The onus of arborist inclusion is on the property developers or owners. It is not the responsibility of Monkey Tree Services Ltd. Submission and acceptance of this letter indicates full agreement with this understanding.

## FIG 1 - Protection of trees Bylaw - 7.2e Submission of arborist's report

With an application for issuance of a development permit or building permit, the owner or the applicant on behalf of the owner, must also submit a report, certified correct by an arborist, that sets out:

(e) an undertaking from the arborist and the owner to the city that the arborist will perform or supervise performance of:

(i) pre-construction treatment of trees including root and branch pruning, (ii) regular on-site inspections during construction, and will report any offence against this By-law on the site to the Director of Planning or on a street adjacent to the site to the City Engineer, (iii) restorative landscape treatment including soil renovation, (iv) selection and planting of any replacement trees required under this By-law, and (v) a post construction inspection of the site, and will prepare a report, certified correct by the arborist, for submission, in a timely manner, to the Director of Planning.

## This LOA should accompany any development plans associated with the subject site

s.22(1)

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Property Owners (printed name)

Project Manager (printed name)

Signed,

(Digital Signature/Sent Electronically) Wai Yin Ling - Development Consultant ABCFP Forester-in-Training ISA Certified Arborist HK#1662-A ISA Certified Tree Risk Assessor (TRAQ) Tree Police Services Ltd (604) 833-2479

s.22(1)

Project Manager (Signature)

5.22(1)(Tcl#)

\*(PLEASE REFER TO DISCLAIMER AND LIMITED LIABILITY OUTLINE)



## September 16, 2020

City of Vancouver Planning. Urban design & Sustainability Landscape Department 5 | 5 West | Oth Avenue Vancouver, BC V5Z 4A8

To Whom it may concern,

I am the owner of 3644 Blenheim Street. I give my consent to my neighbor at 3656 Blenheim street to remove the Holly Tree in the rear South/East corner of my property.to facilitate their garage being built.

Yours truly,

s.22(1)

## WWW.THETREEPOLICE.COM



August 25th, 2021

City of Vancouver 2<sup>nd</sup> Floor City Hall 453 West 12<sup>th</sup> Ave. Vancouver BC

<u>To</u>: Development Services, City of Vancouver <u>RE</u>: Arborist addendum to the primary report for subject address

Site Address: 3656 Blenheim Street, Vancouver, BC

Site Contact: Evan Sangha, evan@miravalproperties.com, 604-812-5314 Site Inspections: August 24<sup>th</sup>, 2021 @ 10:00 AM

Additional Information: Addendum contains (6) Pages including photos & Geo-Tech report

This report is to identify a tree for removal, on an active development site, due to potential safety concerns. **Tree #68** resides near the northwest corner of a proposed excavation for principal structure on the subject property. At the outset of the project the tree was identified for retention despite its close proximity to construction. During demolition, and through minor exploratory excavation, it became questionable that soil composition would be ideal for the required, significantly deep excavation in proximity to **Tree #68**. A geo-tech inspection was made to assess construction requirements and safety concerns. Due to the removal of the previous foundation and associated infrastructure, **Tree #68** is devoid of approximately one quarter of its root plate on its southeast quadrant. The extent of root trespass for **Tree #68** onto the north property is unknown. If there was historical development on the north neighbour's property there may be civic records that document root ingress onto that property or previous root pruning of **Tree #68**. This may reveal an unaffected root plate accommodating its entire potential of permeable space, or, if roots were at some time terminated near the property line, a significantly compromised root system relative to the permeable space on the subject property.

Mass soil sloughing or degeneration of the excavation wall could lead to tree instability and safety concerns for workers and pedestrians around the site. The contents of the geo-tech report (attached) are not cohesive from an arboriculture perspective, however, given that there are larger safety concerns and lingering ambiguousness with retaining the tree with development, particularly during the construction phase, then the tree is recommended for removal in accordance with **PTB Sec. 4.5**, to be confirmed by the civic authority.



Tree #68 – site conditions – loose soil @ excavation wall

**Proximity to PL** 

Signed,

(Digital Signature/Sent Electronically) Dave Klein, Development Consultant, ISA Certified Arborist PN#8306-A, ISA Certified T.R.A.Q (Exp 2023) Tree Police Services Ltd, (604)833-2479

\*(PLEASE REFER TO DISCLAIMER AND LIMITED LIABILITY OUTLINE)



### DISCLAIMER AND LIMITED LIABILITY OUTLINE

This report is based on a visual inspection from the ground of the addressed property/properties and associated tree/trees. No crown inspection or elevated areas of the tree have been directly accessed/observed or core samples taken at the time of the outlined inspection. The report is a baseline assessment of the tree/trees based on the observed condition at said time of assessment. As described in the body of the report, it is based on observations from the ground only. The report in no way guarantees retention, health or longevity of assessed tree/trees due to the unpredictability and dynamic process of nature. This report is to be deemed as "Valid" on the date of inspection/inspections and does not account for changes that occur outside of or after the specific date of inspection, or specified site actions. Loss or alteration of any part of this report invalidates the entire report. Care has been taken to obtain all information from reliable sources. All data has been verified insofar as possible; however, Tree Police Services can neither guarantee nor be responsible for the information provided by others. The report is for the sole use of the commissioning party and is not transferrable to a new owner. This document is not written and/or assigned to the subject property or re-development of said property. Tree Police Services, or any of its direct representatives under direct employ, are not responsible for assigning ownership of outlined trees. The report is written using the supplied site plan and/or survey provided by the property representatives and a basic site inspection. This report is unbiased and based on proper tree understanding and analysis as set forth by the International Society of Arboriculture (ISA). Tree Police Services, or any direct representatives or anyone under employ, cannot be held accountable or liable for any wrong doings or negligence with use or improper use or application of above mentioned parameters. Tree Police Services should be retained for continuity purposes for consultation as/if recommended in this report. Additional reporting may be required during the development process. NOTE: Pursuant to the Preservation of Trees Bylaw for the City of Vancouver, Section 7.2 subsection (e) item (i)-(v), Tree Police Services or any direct employees are only accountable to the direction of the overall owner of the subject property. The responsibility of bylaw compliance lies fully on the owner of the subject property. Tree Police Services and anyone under direct employ is fully available to work within expected bylaw parameters at the direction of the owner, the sole responsible party for applications of tree bylaw under development protocol. Tree Police Services is not responsible for TPB areas, nor for TPB infractions from daily site activities on the job site. It is up to the onsite development authority, agent, owner or civic authority relevant to the subject property to ensure TPB compliance. Submission or use of this document or portions thereof constitutes full acceptance of and agreement with this disclaimer.

This report is used to address the current conditions of the trees relative to the outlined purpose of the report. Tree Police Services does not assert future health and condition of trees outlined or mentioned in this report, nor is responsible for any future monitoring of trees outlined in this report or any subsequent reported development actions relating to outlined or potentially impacted trees. All work performed has been completed to preserve the integrity of the tree and, outside of normal weather or universal experience, the trees are certified suitable for retention or for removal dependent upon reported actions. The future monitoring and condition of the outlined trees is the sole responsibility of the current owner or future unknown owners of trees mentioned in this report or associated with the subject property address. Any retained trees should be future monitored and inspected by a certified professional Arborist. Any tree cited for retention in this report is suggested to be future monitored and inspected. Tree Police Services assumes no responsibility to or for future monitoring of tree or site conditions after the specified time of inspection or site actions associated with the specifics of the development. Tree Police Services or people under direct employ are not liable for future monitoring of site or neighbours' trees outside of set site actions or site development.

This report is a single entity and is to be considered the primary report. If additional reporting is required additional fees may apply. Site supervision and potential root pruning requires an assumption of liability by Tree Police Services and its representatives. Additional fees will be required for the assertion, execution, and follow-up documentation as/if required. A follow-up report or additional documentation will be prepared and maintained on file to verify and substantiate any actions undertaken by Tree Police Services to outline resultant actions performed on trees as/if required. If a copy of the follow-up report is not purchased, then the commissioning party will not be protected by information or explanations within the follow-up documentation. It will be for the exclusive use of Tree Police Services and anyone under its direct employ.

## Submission or use of this document or portions thereof constitutes full acceptance, understanding of, and agreement with this disclaimer.



## Memorandum

DATE: 2021/9/9

TO: Building Inspector Building Inspection Branch, Licences and Inspections

FROM: TT for M.T.

Landscape Development Group

SUBJECT: Tree and Root Protection Barriers Installation and Pre-Demolition Site Assessment Inspection Request

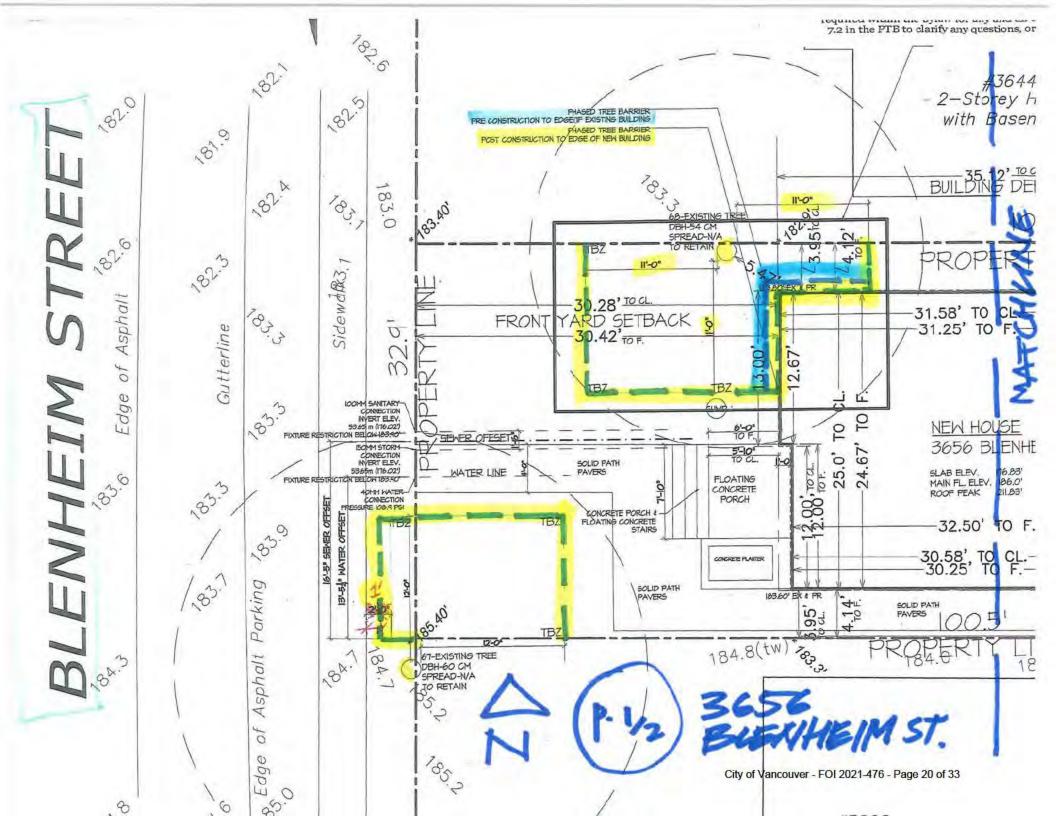
		Tree protection and pre-demolition site assessment MUST clear inspection prior to Building Permit being issued	
Address:	3656 E	Blenheim St	-
		20-03940	

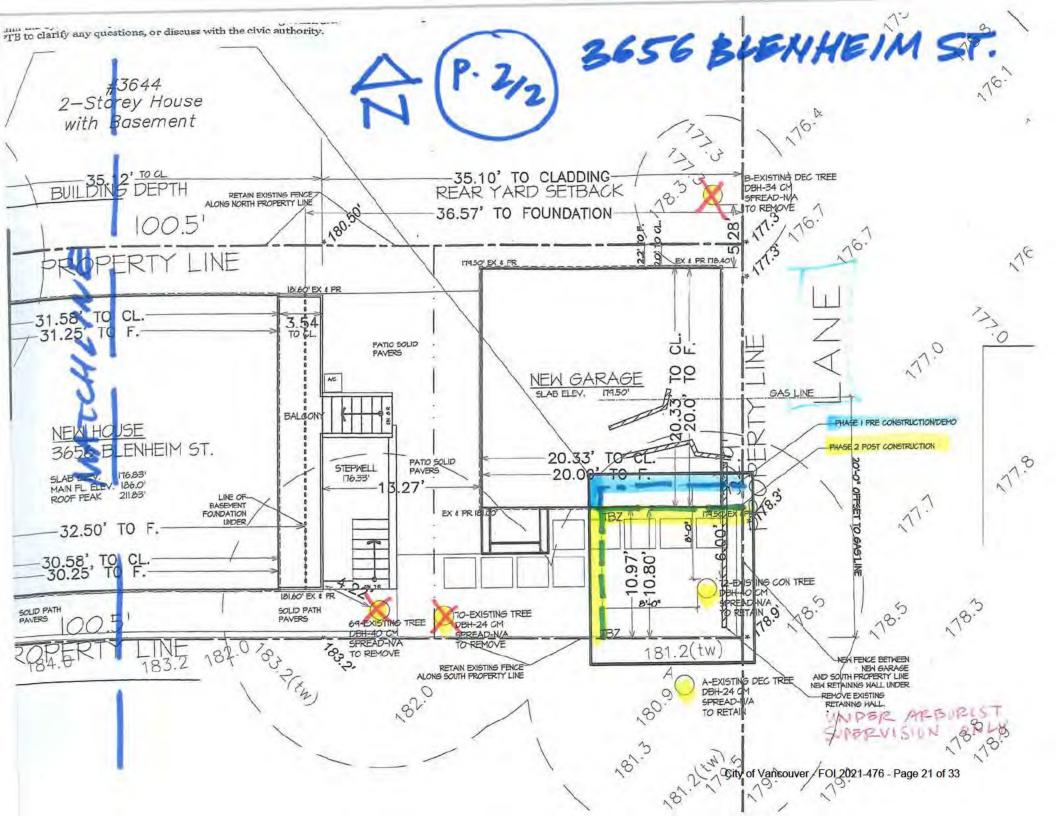
The Inspection has been requested by:

Applicant:	Dee Spencer				
Phone Numbe	er:Email:604-250-7978				
Protection	n already installed.				

Applicant will call 3-1-1 (or 604-873-7000 outside Vancouver) for inspection when the protection barriers are installed at least 48 hours (working days only) in advance of appointment date.

## Inspection Status Form Entered in POSSE





As Of: Sep 16, 2021 11:06:00

Tree Permit: TP-2021-00413: Issued					
	Approved Number of Trees to be removed	3			
	Completed Date				
	Deposit Amount				
	Description	***Amended on September 9, 2021***			
		Original Work Description (June 4, 2021):			
		Tree Permit for DB-2020-03940 1 FD			
		The removal of (2) site trees: - Tree #69 (cypress, 40cm DBH) and Tree #70 (cypress, 24cm DBH)			
		The retention of (2) site and (1) neighbour and (1) shared off-site tree			
		Arborist report prepared by Monkey Tree Services			
	Development or Building Permit Related	Yes			
	Expiration Date	Dec 1, 2021 15:51:07			
	Issue Date	Jun 4, 2021 00:00:00			
	Location Type	Addressed			
	Number of replacement trees required	1			
	Number of Trees to be removed:	3			
	Occupancy Permit Required	No			
	Parent Job (Internal ID)	136033119			
	Permit Number				
	Previous Permit Exists	No			
	PRISM BU Permit Number				
	PRISM DB Permit Number				
	PRISM DE Permit Number Reason for Withdrawal:				
	Replacement Tree Required	Yes			
	Specific Location	3656 Blenheim St - One Family Dwelling (1st & 2nd floor, & basement)			

Address number assigned as per approved plans for Fire and Emergency response. The address number is to be posted and to the building and to be visible from the street in accordance with the Building By-law prior to final inspection.

\*\*\*Amended on September 9, 2021\*\*\*

Original Work Description (June 4, 2021):

Tree Permit for DB-2020-03940 1 FD

The removal of (2) site trees:

- Tree #69 (cypress, 40cm DBH) and Tree #70 (cypress, 24cm DBH)

The retention of (2) site and (1) neighbour and (1) shared off-site tree

Arborist report prepared by Monkey Tree Services

#### Processes

Actual Start Date

Work Description

Completeness Check (Completed on May 20, 2021 10:48:30 by Miyo Takeda with outcome "Accepted - Review Not Required")

Actual Glait Bate	
Amendment	
Applicant Contacted	Ν
Date Completed	May 20, 2021 10:48:30
Description	
Engineering Assistant	Ν
Not Accepted Reason	
Outcome	Accepted - Review Not Required
Override Review Condition	Ν
RequiredInformation	
Response To Additional Info Request	
Scheduled Complete Date	
Scheduled Start Date	May 17, 2021 14:49:25
Staff Assigned Id List	
Traffic & Data Management	Ν

## Assignments

Miyo Takeda

## Relationships

Checklist: Notify Parks if Tree is on City Property: Notify parks via email if the tree is on City Property.

	Completed Date	May 20, 2021 10:48:31
	Completed?	Υ
	Description	Notify parks via email if the tree is on City Property.
	Mandatory?	Y
	Name	Notify Parks if Tree is on City Property
	Sort Order	2
	necklist: Perform File Research: Document Findings from VanMap, PRISM d POSSE in File Notes.	
	Completed Date	May 20, 2021 10:48:31
	Completed?	Υ
	Description	Document Findings from VanMap, PRISM and POSSE in File Notes.
	Mandatory?	Υ
	Name	Perform File Research
	Sort Order	1
Sh	adow Process: 147931581	
Pay Fees (0 outcome "P	Completed on Jun 4, 2021 13:41:42 by Deirdre Spencer38747917 with aid")	
Actual	Start Date	
Comme	ents	
Create	dByProcessId	0
Date C	ompleted	Jun 4, 2021 13:41:42
Descrip	otion	
Outcon	ne	Paid
Route	Order	
Schedu	uled Complete Date	

Scheduled St	art Date	May 20, 2021 10:48:30
Staff Assigne		hay 20, 2021 10.10.00
Assignments		
Deirdre S		
Relationship		
-	- Process: 148151293	
	(Completed on Jun 4, 2021 15:51:07 by Tina Jawandha with	
Actual Start D		
Date Complet	ted	Jun 4, 2021 15:51:07
Description Outcome		Issued
Override Des	cription	
Override Outs	standing Conditions	Ν
Scheduled Co	omplete Date	
Scheduled St	art Date	Jun 4, 2021 13:41:42
Staff Assigne	d ld List	
Assignments	5	
Miyo Tak	reda	
Relationship	S	
Checklist	t: Confirm Permit Terms : Confirm Terms to appear on Permit	
Com	pleted Date	Jun 4, 2021 15:51:07
Com	pleted?	Y
Desc	cription	Confirm Terms to appear on Permit
Man	datory?	Y
Nam	ne	Confirm Permit Terms
Sort	Order	1
Shadow	Process: 149049104	
Print Tree Permit ( "Printed")	(Completed on Jun 4, 2021 15:51:07 by Tina Jawandha with outcome	
Actual Start D	Date	
Date Complet	ted	Jun 4, 2021 15:51:07
Description		
Outcome		Printed
Scheduled Co	omplete Date	

#### Scheduled Start Date

Staff Assigned Id List

#### Assignments

Tina Jawandha

#### Relationships

Shadow Process: 149063239

Tree Removal Permit Document: 149063241

### Revisions

Revision 1 created on Jun 4, 2021 15:51:08 by Tina Jawandha

Review Amendment (Completed on Sep 9, 2021 16:07:08 by Takashi Tomono with outcome "Approved")

Actual Start Date

Amendment Description Applicant Contacted

Applies to 1 or 2 Family Dwelling Approved Amendment Description Ν

\*\*\*Amended on September 9, 2021\*\*\*

Removal of Tree #68 proposed due to safety issue. Removal approved.

After this amendment,

(1) replacement tree from Part 1 of Schedule D is required. the retention of (1) site and (1) neighbour and (1) shared off-site tree.

Arborist report prepared by Monkey Tree Services for this amendment.

\*\*\*End of Amendment\*\*\*

Sep 9, 2021 16:07:08

Approved

Ν

Ν

Comments

Date Completed

Description

Engineering Assistant

Engineering Coordination Lead

Outcome

Pre-Approved Review Hours

Reason for Rejection

**Required Information** 

Scheduled Complete Date

Scheduled Start Date	Sep 9, 2021 14:31:16
Traffic & Data Management	N
UMB - Engineering Assistant Assignments	Ν
Takashi Tomono	
Relationships	
Shadow Process: 155016225	
Print Tree Permit (Completed on Sep 9, 2021 16:07:08 by Takashi Tomono with outcome "Printed")	
Actual Start Date	
Date Completed	Sep 9, 2021 16:07:08
Description	
Outcome	Printed
Scheduled Complete Date	
Scheduled Start Date	
Staff Assigned Id List	
Assignments	
Takashi Tomono	
Relationships	
Shadow Process: 155026349	
Tree Removal Permit Document: 155026351	
Revisions	
Revision 1 created on Sep 9, 2021 16:07:10 by Takashi Tomono	
Instance security	
Address Maintenance	Read, Modify
Authenticated Web Read	Read
Building Permit Internal Update	Read, Modify
PI Read	Read
PI Update	Read, Modify
Public Web	Read
Tree Removal Permit Internal Read	Read
Tree Removal Permit Internal Update	Read, Modify
User Admin Read	Read

#### Relationships

Applicant Customer: Dee Spencer DBA: Terra Firma Design Ltd. (dee@terrafirmadesignltd.com)

Application Document: 155016441

Acceptance Status	Provided
Created By	
Description	Arborist report for removing Tree #68
File Extension File Name	3656 Blenheim St-Arborist-Report-Tree68.pdf
File Size	
Latest Revision Locked?	Ν
Not Accepted Reason	
Valid To	
Revisions	
Revision 1 created on Sep 9, 2021 14:34:02 by Takashi Tomono	
Instance security	
Address Maintenance	Read, Modify, Delete
Authenticated Web Read	Read
Building Permit Internal Update	Read, Modify, Delete
PI Read	Read
PI Update	Read, Modify, Delete
Public Web	Read
Tree Removal Permit Internal Read	Read
Tree Removal Permit Internal Update	Read, Modify, Delete
User Admin Read	Read

User Admin Update

www000011811

www000031457

#### Relationships

Document Type: TP - Expert Report

Application Document: 155016600

Read, Modify, Delete

Read, Modify, Delete

Read, Modify, Delete

Acceptance Status	Provided
Created By	
Description	Geotechnical Review report
File Extension	
File Name	FIELD MEMO FOR site safety review 3656 Blenheim St., Vancouver - 2021 09 03.pdf
File Size	
Latest Revision Locked?	Ν
Not Accepted Reason Valid To	
Revisions	
Revision 1 created on Sep 9, 2021 14:35:45 by Takas	shi Tomono
Instance security	
Address Maintenance Authenticated Web Read	Read, Modify, Delete Read
Building Permit Internal Update PI Read	Read, Modify, Delete
	Read
PI Update	Read, Modify, Delete
Public Web	Read
Tree Removal Permit Internal Read	Read
Tree Removal Permit Internal Update	Read, Modify, Delete
User Admin Read	Read
User Admin Update	Read, Modify, Delete
www000011811	Read, Modify, Delete
www000031457	Read, Modify, Delete
Relationships	
Document Type: TP - Expert Report	
Authorization Financial Profile: Tree Removal Permit (Permittin	
Condition: TP-2021-00413 and TP-2021-00414 to be issued to Please ensure invoice payment prior to issuance. issued with c	
Created By Name	Miyo Takeda
Description	TP-2021-00413 and TP-2021-00414 to be issued together with demo permit. Please ensure invoice payment prior to issuance.
Print On Permit	Ν
Resolved Date	Jun 4, 2021 00:00:00
Resolved Text	issued with demo

#### Relationships

Event Action: Stop

### Relationships

Possible Action: Stop

Possible Event: Subject Permit (add on permit only)

## Display Address: 3656 BLENHEIM STREET, Vancouver, BC V6L 2Y2

## Fee Display: 147931524

Referenced ObjectId	147931522
File Owner: Miyo Takeda	
Inspection Type: Tree Replacement Inspection	
Mandatory	Ν
RecommendedSequence	1
Parcel: 011-936-070 - Parcel: 3656 BLENHEIM STREET, Vancouver, BC V6L 2Y2	
Permit Term: (1) Tree removal to be completed in conjunction with approved construction. Required replacement trees	
Sort Order	1
Text	Tree removal to be completed in conjunction with approved construction.
	Required replacement trees shall be planted and in place prior to building occupancy. If a replacement tree fails or is removed, another tree must be planted in accordance with Schedule D, Protection of Trees By-law Number 9958.
	A replacement tree must be planted at least
Permit Term: (2) NO WORK MAY BE DONE WITHIN 1.0 METERS OF THE CRITICAL ROOT ZONE OF ANY PROTECTED TREE UNLESS AN ISA	<ul> <li>(a) 1 m away from a side property line, an accessory building and any other structure orthing likely to be affected by the tree,</li> <li>(b) 1.5 m away from a principle building, and(c) 2.5 m away from another tree.</li> </ul>
Sort Order	2

NO WORK MAY BE DONE WITHIN 1.0 METERS OF THE CRITICAL ROOT ZONE OF ANY PROTECTED TREE UNLESS AN ISA CERTIFIED ARBORIST IS IN ATTENDANCE TO SUPERVISE. WORK INCLUDES DEMOLITION, EXCAVATION, CONSTRUCTION AND LANDSCAPING.

Permit Term: (3) No person shall commence construction on a site where a tree protection barrier is required unless a

Sort Order

Text

3

Permit Term: (4) Where a tree protection barrier has been erected around a retained tree or a replacement tree, no pe

Sort Order

Text

## Permit Term: (7) IN ACCORDANCE WITH SECTION 4.8 OF THE PROTECTION OF TREES BY-LAW #9958, THIS PERMIT SHALL BE CLEARLY

Sort Order

Text

#### Permit Term: (8) When considering the tree removal application and the supporting documentation, there may be events

Sort Order

Text

## Shadow: 147931562

**Referenced ObjectId** 

#### Relationships

Checklist Item: 147931565

Override

Evidence Type

Required

Sort Order

## Checklist Item: 147931568

Override

Evidence Type

Required

No person shall commence construction on a site where a tree protection barrier is required unless and until the barrier has been installed (and maintained) in compliance with Section 7, of the Protection of Trees By-Law #9958.

4

Where a tree protection barrier has been erected around a retained tree or a replacement tree, no person shall;

(a) undermine or in any other way damage the roots and canopy of a tree located withinthe barrier, or

(b) remove soil from within the barrier or otherwise alter the existing grade of the landwithin the barrier or under a tree dripline.

No tree protection barrier shall be removed or altered until demolition and construction have been completed.

## 7

IN ACCORDANCE WITH SECTION 4.8 OF THE PROTECTION OF TREES BY-LAW #9958. THIS PERMIT SHALL BE CLEARLY POSTED ON SITE DURING THE TREE REMOVAL. FAILURE TO DO SO CONSTITUTES A VIOLATION OF THE BY-LAW, AND MAY BE REFERRED TO THE CITY PROSECUTOR FOR FURTHER ENFORCEMENT ACTION.

## 8

When considering the tree removal application and the supporting documentation, there may be events where the approved number of trees to be removed is different from the requested number of trees to be removed.

147931522

Not Required
Supporting
Y
1
Not Required
Supporting
Y

Sort Order	2
Checklist Item: 147931571	
Override	
Evidence Type	Supporting
Required	Ν
Sort Order	3
Checklist Item: 147931574	
Override	Not Required
Evidence Type	Supporting
Required	Y
Sort Order	5
Tree Removal Permit Document: 155026351	

## Revisions

Revision 1 created on Sep 9, 2021 16:07:10 by Takashi Tomono

Last Update By Last Updat

Last Update Date

Locked? Note Type Note Text Sept 9, 2021.

Tree #68 removal supported during construction.

TP-2021-00413 has been amended and issued.

Takashi Tomono 2021-09-09 16:28:14 True

Landscape Tree Barrier memo revised for our record.