

File No.: 04-1000-20-2020-598

December 2, 2020

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 of November 5, 2020 for:

Records regarding the facility located near East 11th Avenue and Clark Drive in relation to its use.

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 these sections here: http://www.bclaws.ca/EPLibraries/bclaws_new/document/ID/freeside/96165_00.

Please note, issued permits, inspection reports, and certificates of inspection are routinely available on a fee for service basis from the Property Research section of the By-law and Compliance Administration branch, Development, Building & Licensing Department. To access these records please contact Property Research at property.research@vancouver.ca. Please see the following link which also provides more information on obtaining property records: <http://vancouver.ca/home-property-development/get-copies-of-your-building-plans.aspx>

Under section 52 of the Act you may ask the Information & Privacy Commissioner to review any matter related to the City's response to your request. The Act allows you 30 business days from the date you receive this notice to request a review 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 assigned to your request (#04-1000-20-2020-598); 2) a copy of this letter; 3) a copy of your original request for information sent to the City of Vancouver; and 4) detailed reasons or grounds on which you are seeking the review.

Please do not hesitate to contact the Freedom of Information Office at foi@vancouver.ca if you have any questions.

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 foi@vancouver.ca and we will respond to you as soon as possible. Or you can call the FOI Case Manager at 604.871.6584.

Encl.

:kt



PERSONA CONSTRUCTION LTD. QUOTE

6718 1A Avenue

Delta, BC V4L 1A9

Telephone: 604 943 0855 Fax: 604 943 0862

Cellular: 604 727 1554

ESTIMATE

BU460991

1290 E 11th

Metro Vancouver
Attn: Jerry Daines
Job: 1405 Lindsey Place
Annacis Island, Delta

Telephone: 604-444-8420

Email: jerry.daines@metrovancover.org

Date: November 26, 2013

Costing for possible additional work needed to Air Monitoring Trailers:

- To change trailer from wood ranch wall to 29 gauge metal mesa panels and trim; will cost an additional \$580.00 plus GST
- To install an aluminum railing and access ladder with security door will cost \$5920.00 plus GST
- To install 2 layers of 5/8" type "X" fireguard drywall to the interior of 1 - 20' x 7' wall and cover with 1/2 GIS plywood will cost \$1160.00 plus GST

If you have any questions or require further information, please contact me at 604-943-0855 or cell 604-727-1554.

Respectfully
Afe Alblas
Project Manager





Note: To be submitted with the application for a Building Permit

CITY OF VANCOUVER BUILDING BY-LAW

"OWNER'S UNDERTAKING FOR TENANT IMPROVEMENTS"

The Chief Building Official
City of Vancouver
453 West 12th Avenue
Vancouver, BC
V5Y 1V4

11 03 2014
Date: (Month Day Year)

Dear Sir:

RE: Property Address 1290 East 11th Avenue
Building Permit Application No. BU460991

In consideration of the City accepting and processing the above application for a building permit from Greater Vancouver Regional District (the "Tenant"), a tenant of the above-mentioned property, and as required by the Vancouver Building By-law, the following representations, warranties and indemnities are given to the City.

1. (a) If an individual is the owner:
() That I am the owner of the above property, or
(b) If a corporation is the owner of the property,
(x) That City of Vancouver is the owner of the above property.
(Name of Corporation)
2. The owner will use its reasonable efforts to require the tenant to comply with, and cause those employed for this project to comply with all applicable by-laws of the City of Vancouver and other statutes and regulations in force in the City of Vancouver relating to the development, work, undertaking or permission in respect of which this application is made.
3. The owner understands and acknowledges that the issuance of any permit, including an Occupancy Permit, or the inspection or approval or passage of work by the City is not a representation or warranty that any by-law has been complied with and the owner remains responsible at all times to use its reasonable efforts to require compliance by the tenant. The owner has read and understands Articles 1A.1.1.2. and 1A.3.4.1. of Division C of the Vancouver Building By-law which are set out on the reverse side hereof.
4. The owner hereby agrees to use its reasonable efforts to require that the tenant does indemnify and save harmless the City of Vancouver and its employees from all claims, liability, judgments, costs and expenses of every kind which may result from negligence or from the failure to comply fully with all by-laws, statutes and regulations relating to any work or undertaking in respect of which this application is made.
5. Where used herein the words "work" or "undertaking" in respect of which this application is made, the owner understands this to include all electrical, plumbing, mechanical, gas and other works necessary to complete the contemplated construction.

.../over

Owner's Undertaking (continued)
(Tenant Improvements)

Property Address 1290 East 11th Avenue
Building Permit Application No. BU460991

6. I am authorized to give these representations, warranties, assurances and indemnities to the City of Vancouver.

This Owners' Undertaking is executed by the owner this 03 day of 11, 2014.
(Day) (Month) (Year)

1. Where owner is an individual: Signed, sealed and delivered in the presence of:
Owner's Signature _____ Witness's Signature _____
Owner's Name _____ (PRINT) _____
Witness's Name _____ (PRINT) _____
Witness's Address _____

2. Where owner is a corporation: Signed, sealed and delivered in the presence of:
Name of Corporation City of Vancouver
Per: _____
Authorized Signatory _____ Witness's Signature _____
Name _____ (PRINT) _____
Witness's Name Brian Lightfoot (PRINT) _____
Witness's Address s.22(1)

JERRY EVANS
Real Estate Services

3. Where owner is a partnership: Signed, sealed and delivered in the presence of:
Name of Partnership _____
Per: _____
Authorized Signatory _____ Witness's Signature _____
Name _____ (PRINT) _____
Witness's Name _____ (PRINT) _____
Witness's Address _____

Vancouver Building By-law Article 1A.1.1.2. This By-law is enacted to set standards in the general public interest. It is enacted and retained on the understanding and specifically expressed condition that it creates no duty whatsoever on the City of Vancouver, the *Chief Building Official* or any employee of the City of Vancouver to enforce its provisions, and on the further condition that a failure to administer or enforce its provisions, or the incomplete or inadequate administration or enforcement of its provisions, shall not give rise to a cause of action in favour of any person whatsoever. The issuance of any *permit*, including an *occupancy permit*, is not a representation, warranty or statement that the By-law has been complied with, and the issuance thereof in error shall not give rise to a cause of action. Accordingly, words defining the responsibilities and authority of the *Chief Building Official* shall be construed to be internal administrative directions and not as creating a duty.

Article 1A.3.4.1. The granting of a *permit*, the approval of the drawings and specifications or the making of inspections by the *Chief Building Official* shall not in any way relieve the owner of a *building* from the full responsibility for carrying out the work or having the work carried out in accordance with this By-law including ensuring that the *occupancy* of the *building*, or any part thereof, is in accordance with terms of the *occupancy permit*, and including compliance with any special conditions made under the provision of Article 1A.6.1.4.

CITY OF VANCOUVER

(THIS IS NOT A PERMIT)

PERMIT TYPE		DEVELOPMENT PERMIT APPLICATION				APPLICATION NUMBER	
						A DE 417593	
LEGAL DESCRIPTION LO 7 BLOCK 159 DISTRICT LOT 264A PLAN 2697						ADDRESS 1290 E 11TH AV	
ADDITIONAL ADDRESS INFORMATION						SPECIFICS	
APPLICATION DATE JAN 15, 2014	PURPOSE CONSTRUCT	PROJECT VALUE	ASSESSED VALUE	PLANS 8	METRIC NO	PLACE NAME	
TEMPORARY BUILDING DATES		TEMPORARY USE DATES		SUBTYPE			
COMPLEXITY 039 F/P/U MISCELLANEOUS USE						CO-ORDINATE 665-222-92-0000	
APPLICANT CIVIC DEPARTMENT GEOFF DOERKSEN GREATER VANCOUVER REG. DISTRICT 4330 KINGSWAY BURNABY BC V5H 4G8				CONTACT 2 PROPERTY OWNER CITY OF VANCOUVER VANCOUVER BC		CONTACT 3	
TEL 604-436-6742 FAX	BUS LICENSE CERTIFICATE	TEL FAX	BUS LICENSE CERTIFICATE	TEL FAX	BUS LICENSE CERTIFICATE		

THIS APPLICATION IS SUBMITTED WITH PLANS TO:

To construct a temporary building on this City owned site, for the purpose of an air quality testing station, for a period of 2 years.

PROPOSED USE U UTILITY/COMMUNICTN	SPECIFICS/LOCATION	AREA (SF)	OCC	PROPOSED USE	SPECIFICS/LOCATION	AREA (SF)	OCC
ITEM 0040 PROCESSED THROUGH	SPECIFICS/REFERENCE 32 PROC CTR -MGR DE	QTY/AMT		ITEM 0080 ZONE	SPECIFICS/REFERENCE 2017 RT-5	QTY/AMT	
CLEARANCES REQD DURING APPLICATION STAG INCLUDE :				PLAN REGISTRY TARGET DATES PROC CNTR DEV REVW DEV PLANNER REVIEW PCB FIRE REVIEW ENGINEERING REVIEW ADDRESSING REVIEW PROC CNTR BLDG RVW SLO2 SOIL LIQFCN REVIEW FALSE CREEK BASIN DE14 DEV COST LEVY REVW CENTRAL/NORTH			
PROCESSED BY: PROC CNTR BLDG REVIEW BY M LAM DEV ASSISTANT REVIEW BY M LINEHAN				PROC CNTR DEV REVIEW BY V KOPY ENGINEERING CLEARANCE BY K CAVELL			
ADDITIONAL NOTES: 040 For information on Appeals, see Section 571 of the Vancouver Charter, The Board of Variance By-Law, and Section 11.1 of the Building By-Law.							

AS OWNER OR OWNERS' AGENT, I HAVE VERIFIED THAT THE INFORMATION CONTAINED WITHIN THIS DOCUMENT AND ASSOCIATED DOCUMENTS AND PLANS IS CORRECT, AND DESCRIBES A USE, A BUILDING OR A WORK WHICH COMPLIES WITH ALL RELEVANT BY-LAWS AND STATUTES. I ACKNOWLEDGE THAT RESPONSIBILITY FOR BY-LAW COMPLIANCE RESTS WITH THE OWNER AND THE OWNER'S EMPLOYEES, AGENTS AND CONTRACTORS. I WILL INDEMNIFY AND SAVE HARMLESS THE CITY OF VANCOUVER, ITS OFFICIALS, EMPLOYEES AND AGENTS AGAINST ALL CLAIMS, LIABILITIES AND EXPENSES OF EVERY KIND, IN RESPECT OF ANYTHING DONE OR NOT DONE PURSUANT TO THIS APPLICATION OR FACT SHEET OR ENSUING PERMIT, INCLUDING NEGLIGENCE AND/OR THE FAILURE TO OBSERVE ALL BY-LAWS, ACTS OR REGULATIONS.

FEE	AMOUNT	FEE	AMOUNT	SIGNATURE	
138 DEV SCHED 3 (B)	1,010.00			DATE	
				TAKEN BY	V KOPY
				FOR THE	DIRECTOR OF PLANNING & DEV
INVOICE: 741761		TOTAL		\$1,010.00	

PSD200.01 REVISED FEB/08

May 25, 2016

Grace Cockle
Metro Vancouver
4330 Kingsway
Burnaby BC
V5H 4G8

Geoff Doerksen
Metro Vancouver
4330 Kingsway
Burnaby BC
V5H 4G8

Dear Sir/Madam:

RE: 1290 East 11th Avenue

On March 14th, 2014, Development Permit No. DE417593 was issued to you permitting the use of a "temporary building" on the above site, for the purpose of an Air Quality Testing Station, for a limited period of time **expiring on March 20th, 2016.**

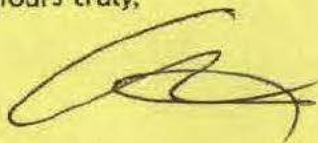
Our inspection services report that the above mentioned temporary building continues to exist on this site without further approval, in contravention of the Zoning and Development By-law.

Application may be considered to retain this use. To apply for the required Development Permit, you or your representative must attend this office, sign a Development Permit application and pay the prescribe fee.

For further information, please contact the Enquiry Center at 604.873.7613.

In accordance with the By-law and to avoid further action, you are to make application for the required Development Permit or remove the "temporary building" from this site, **within 30 days of the date of this letter.**

Yours truly,



A. Martin
Property Use Inspector
AM/dlb

PLEASE REFER TO:

A. Martin
Property Use Inspector
at 604.873.7511
alvin.martin@vancouver.ca
UI58182 EN118278

Diary? No Yes X
To: A. MARTIN
Date: JUNE 27/16 Init: AM

Folio: 665-222-92-0000

Civic: 1290 11TH AVE E

Size: 25.75 122 WIDTH/DEPTH

Pid: 013-546-571

Legal: LT 7 BLK 159 PL VAP2697 DL 264A NWD

Owner: VANCOUVER (CITY)

PROPERTY TAX OFFICE

PO BOX 7747

VANCOUVER BC V6B 8R1

(GD41624)

SCHEDULE A

Forming Part of Sentence 2.2.7.2.(1), Div. C of the
Vancouver Building By-law

BU460991

Building Permit No.¹

CONFIRMATION OF COMMITMENT BY OWNER AND COORDINATING REGISTERED PROFESSIONAL

- Notes: (i) This letter must be submitted before issuance of a *building permit*.
(ii) This letter is endorsed by: Architectural Institute of B.C., Association of Professional Engineers and Geoscientists of B.C., Building Officials' Association of B.C., and Union of B.C. Municipalities.
(iii) In this letter the words in italics have the same meaning as in the Vancouver Building By-law.

Re: Design and *Field Review of Construction*
by a *Coordinating Registered Professional*

To: The *Chief Building Official*

Re: Temporary Installation of Air Quality Monitoring Station

Name of Project (Print)

1290 East 11th Avenue, Vancouver, BC

Address of Project (Print)

Lot 7 Block 159 Plan VAP2697 District Lot 264A New West Subs

Legal Description of Project (Print)



(Professional's Seal and Signature)

10/22/2014

Date

The undersigned has retained Matthew Dybwad as a *coordinating registered professional* to coordinate the design work and *field reviews* of the *registered professionals* required² for this project. The *coordinating registered professional* shall coordinate the design work and *field reviews* of the *registered professionals* required for the project in order to ascertain that the design will substantially comply with the Vancouver Building By-law and other applicable enactments respecting safety and that the construction of the project will substantially comply with the Vancouver Building By-law and other applicable enactments respecting safety, not including the construction safety aspects.

"*field reviews*" are defined in the Vancouver Building By-law to mean those reviews of the work

- (a) at a project site of a development to which a *building permit* relates, and
- (b) where applicable, at fabrication locations where *building components* are fabricated for use at the project site

that a *registered professional* in his or her professional discretion considers necessary to ascertain whether the work substantially complies in all material respects with the plans and supporting documents prepared by the *registered professional* for which the *building permit* is issued.

The *owner* and the *coordinating registered professional* have read Subsection 2.2.7, Division C of the Vancouver Building By-law. The *owner* and the *coordinating registered professional* each acknowledge their responsibility to notify the *Chief Building Official* of the date the *coordinating registered professional* ceases to be retained by the *owner* before the date the *coordinating registered professional* ceases to be retained or, if that is not possible, then as soon as possible. The *coordinating registered professional* acknowledges the responsibility to notify the *Chief Building Official* of the date a *registered professional* ceases to be retained before the date the *registered professional* ceases to be retained or, if that is not possible, then as soon as possible.

¹ For Building Official's use only

² It is the responsibility of the *coordinating registered professional* to ascertain which *registered professionals* are required, and to initial each Schedule B-1 and B-2 prior to submission to the *Chief Building Official*.

Schedule A – Continued

BU 460991

Building Permit No.¹

1290 East 11th Avenue, Vancouver, BC

Project Address

The owner and the coordinating registered professional understand that where the coordinating registered professional or a registered professional ceases to be retained at any time during construction, work on the above project will cease until such time as

- (a) a new coordinating registered professional or registered professional, as the case may be, is retained, and
- (b) a new letter in the form set out in Schedule A or in the forms set out in Schedules B-1 and B-2, as the case may be, is filed with the Chief Building Official.

The undersigned coordinating registered professional certifies that he or she is a registered professional as defined in the Vancouver Building By-law, and agrees to coordinate the design work and field reviews of the registered professionals required for the project as outlined in the attached Schedules B-1 and B-2 including coordination and integration of functional testing of fire protection and life safety systems. (See A-2.2.7.3 in Appendix A.)

Coordinating Registered Professional

Matthew Dybwad

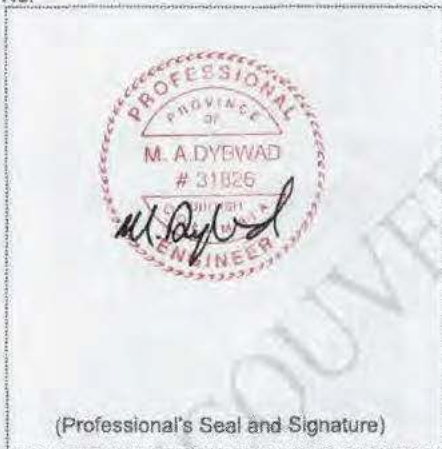
Coordinating Registered Professional's Name (Print)

4330 Kingsway, Burnaby, BC, V5H 4G8

Address (Print)

(604) 451-6087

Phone No.



(Professional's Seal and Signature)

10/22/2014

Date

Owner

City of Vancouver

Owner's Name (Print)

453 W. 12th Avenue

Address (Print)

Vancouver, B.C.

V5Y 1V4

Name of Agent or Signing Officer if applicable (Print)

October 21, 2014

Date

Owner's or Owner's appointed agent's Signature. (If owner is a corporation the signature of a signing officer must be given here. If the signature is that of the agent, a copy of the document that appoints the agent must be attached.)

JOHN BRECKNER
Real Estate Services

(If the Coordinating Registered Professional is a member of a firm, complete the following.)

I am a member of the firm Metro Vancouver

and I sign this letter on behalf of the firm.

(Print name of firm)

This letter must be signed by the owner or the owner's appointed agent and by the coordinating registered professional. An agent's letter of appointment must be attached. If the owner is a corporation, the letter must be signed by a signing officer of the corporation and the signing officer must set forth his or her position in the corporation.

The Vancouver Building By-law defines a registered professional to mean

- (a) a person who is registered or licensed to practise as an architect under the Architects Act, or
- (b) a person who is registered or licensed to practise as a professional engineer under the Engineers and Geoscientists Act.

¹ For Building Official's use only

February 5, 2014

Mr. Geoff Doerksen
Metro Vancouver
4330 Kingsway
Burnaby, BC
V5H 4G8

Dear Mr. Doerksen:

RE: 1290 East 11th Avenue
Development Application Number DE417593

Attached is a copy of the postcard being sent to neighbouring property owners notifying them of your application.

Any discrepancies should be brought to the immediate attention of the writer.

Yours truly,



Vaughan Kopy
Project Coordinator
vaughan.kopy@vancouver.ca
Phone: 604.871.6536

VK/sg

Attachment

11-1200-30-DOC/2014/054361

DEVELOPMENT APPLICATION NO. DE417593
1290 East 11th Avenue (@ Clark Drive)

February 5, 2014

The Greater Vancouver Regional District has applied to the City of Vancouver to permit a 20.34' x 10.25' temporary Air Quality Station, for a period of 2 years, to be constructed on this existing site.

While this proposal can be considered under the current zoning, it is "conditional" so it may be permitted; however, it requires the decision of the Director of Planning.

As a neighbour, we welcome your written comments (letter or e-mail - vaughan.kopy@vancouver.ca) on the above-noted aspects on, or before **February 20, 2014**, to be considered as part of the application's review. Written comments will be accepted from interested parties up to the date of decision.

For more information regarding this proposal, please visit our website at: vancouver.ca/devapps
If you do not have web access, please contact Vaughan Kopy, Project Co-ordinator at 604.871.6536

DEVELOPMENT APPLICATION NO. DE417593
1290 East 11th Avenue (@ Clark Drive)

February 5, 2014

The Greater Vancouver Regional District has applied to the City of Vancouver to permit a 20.34' x 10.25' temporary Air Quality Station, for a period of 2 years, to be constructed on this existing site.

While this proposal can be considered under the current zoning, it is "conditional" so it may be permitted; however, it requires the decision of the Director of Planning.

As a neighbour, we welcome your written comments (letter or e-mail - vaughan.kopy@vancouver.ca) on the above-noted aspects on, or before **February 20, 2014**, to be considered as part of the application's review. Written comments will be accepted from interested parties up to the date of decision.

For more information regarding this proposal, please visit our website at: vancouver.ca/devapps
If you do not have web access, please contact Vaughan Kopy, Project Co-ordinator at 604.871.6536

February 5, 2014

Dear Sir and/or Madam:

**RE: 1290 East 11th Avenue
Development Application Number DE417593**

We have received a Development Application from the Greater Vancouver Regional District to permit a 20.34' x 10.25' temporary Air Quality Station, for a period of 2 years, to be constructed on this existing site at the above-noted address.

Under the site's existing RT-5 zoning, the application is "conditional" so it may be permitted; however, it requires the decision of the Director of Planning.

As a neighbour, we welcome your written comments (letter or e-mail) on the above-noted aspects on, or before February 20, 2014, to be considered as part of the application's review. Written comments will be accepted from interested parties up to the date of decision. To assist you, a Glossary of key technical terms and a brief explanation of the application process is posted on our website at: vancouver.ca/devapps

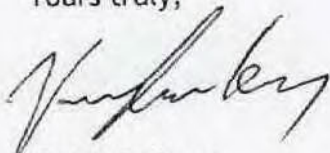
In reviewing this application, and before making a decision, the Director of Planning will also need to consider City by-law regulations, and Council-adopted policies and guidelines. Once a full application review is completed, a decision will be made. If you respond to this notification, we will keep you informed by re-notifying you as to the decision. Please enclose your mailing address in your correspondence to ensure that you are included in future notifications regarding the progress of this application.

The submitted plans may be viewed at the Project Co-ordinator's office, 3rd floor, East Wing of City Hall at 2675 Yukon Street between 8:30 a.m. and 4:30 p.m., Monday through Friday.

Copies of City by-law regulations, policies and guidelines are available at the City's website at <http://www.vancouver.ca/commsvcs/bylaws/bylaw1.htm> or at either the Enquiry Centre or the Central Public Library (350 West Georgia Street).

Please note that all comments and responses to this notification are subject to, and may be released, pursuant to the Freedom of Information and Protection of Privacy Act. The Act does, however, protect your privacy by prohibiting disclosure of personal information (such as names, addresses and other identifying information) where such a disclosure would be an unreasonable invasion of personal privacy.

Yours truly,



Vaughan Kopy
Project Coordinator
vaughan.kopy@vancouver.ca
Phone: 604.871.6536

VK/sg

11-1200-30-DOC/2014/054363

July 18, 2016

Ms. Grace Cockle
Metro Vancouver
4330 Kingsway
Burnaby, BC V5H 4G8

Approved by: [Signature] Date: [Signature]
For: PUI #07
Expiry: 7/14/13
2018

Dear Ms. Cockle:

RE: 1290 East 11th Avenue (Specific Address: Vacant Site)
Development Permit Number DE417593

Thank you for your letter dated June 3, 2016, requesting an extension of the permit time limitation.

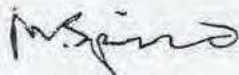
On behalf of the Director of Planning, your request is granted, to retain an approximately 10 foot by 20 foot temporary building for use as an air quality testing station, including one at grade parking space at the rear having vehicular access from the lane, for a further period of time, **expiring on July 12, 2018**, unless extended in writing by the Director of Planning and subject to the following conditions:

- The site shall be maintained in a neat and tidy condition; and
- The development shall comply with the City of Vancouver Noise Control By-law Number 6555.

Note to Applicant: It is the applicant's responsibility to submit an application for an extension on or before the expiry date or a new development application will be required.

Please note that this approval, given under the Zoning and Development By-law, does not represent or guarantee compliance with any other by-law of the City of Vancouver.

Yours truly,



Martha Spiro
Permit Extension/Renewal Coordinator
tel: 604.871.6629
martha.spiro@vancouver.ca

cc: Property Use Inspector, District #07
Manager, Development and Building Services Centre
Manager, Licence Office
Central Property File



Note: To be submitted with the application for a Building Permit
 CITY OF VANCOUVER BUILDING BY-LAW
 "LESSEE'S UNDERTAKING FOR TENANT IMPROVEMENTS"

The Chief Building Official
 City of Vancouver
 453 West 12th Avenue
 Vancouver, BC
 V5Y 1V4

April 15, 2014
 Date: (Month Day Year)

Dear Sir:

RE: Property Address 1290 East 11th Avenue, Vancouver, BC
 Building Permit Application No. BU460991

In consideration of the City accepting and processing the above application for a building permit, and as required by the Vancouver Building By-law, the following representations, warranties and indemnities are given to the City.

1. (a) If an individual is the lessee:
 () That I am the lessee of the above property, or
 (b) If a corporation is the lessee of the property,
 () That Greater Vancouver Regional District is the lessee of the above property.
 (Name of Corporation)
2. The lessee will comply with, and cause those employed for this project to comply with all applicable by-laws of the City of Vancouver and other statutes and regulations in force in the City of Vancouver relating to the development, work, undertaking or permission in respect of which this application is made.
3. The lessee fully understands the requirements herein, and acknowledges full responsibility for carrying out the work, or gives assurance that the work be carried out, in accordance with all by-laws governing the construction of the building. The lessee understands and acknowledges that the issuance of any permit, including an Occupancy Permit, or the inspection or approval or passage of work by the City is not a representation or warranty that any by-law has been complied with and the Lessee remains responsible at all times to assure compliance. The lessee has read and understands Article 1A.1.1.2. and Article 1A.3.4.1. of Division C of the Vancouver Building By-law which are set out on the reverse side hereof.
4. The lessee hereby agrees to indemnify and save harmless the City of Vancouver and its employees from all claims, liability, judgments, costs and expenses of every kind which may result from negligence or from the failure to comply fully with all by-laws, statutes and regulations relating to any work or undertaking in respect of which this application is made.
5. Where used herein the words "work" or "undertaking" in respect of which this application is made, the lessee understands this to include all electrical, plumbing, mechanical, gas and other works necessary to complete the contemplated construction.



.../over

Lessee's Undertaking (continued)

Property Address _____

Building Permit Application No. _____

6. I am authorized to give these representations, warranties, assurances and indemnities to the City of Vancouver.

This Lessee's Undertaking is executed by the Lessee this _____ day of _____, _____.
(Day) (Month) (Year)

1. Where lessee is an individual: Signed, sealed and delivered in the presence of:
- Lessee's Signature _____ Witness's Signature _____
- Lessee's Name _____ (PRINT) Witness's Name _____ (PRINT)
- Witness's Address _____

2. Where lessee is a corporation: Signed, sealed and delivered in the presence of:
- Name of Corporation Greater Vancouver Regional District
- Per: _____
- Authorized Signatory [Signature] _____ Witness's Signature [Signature] _____
- Name Paulette Vetteson _____ (PRINT) Witness's Name Kimberly Ho _____ (PRINT)
- Witness's Address 4330 Kingsway, Burnaby

3. Where lessee is a partnership: Signed, sealed and delivered in the presence of:
- Name of Partnership _____
- Per: _____
- Authorized Signatory _____ Witness's Signature _____
- Name _____ (PRINT) Witness's Name _____ (PRINT)
- Witness's Address _____

Vancouver Building By-law Article 1A.1.1.2. This By-law is enacted to set standards in the general public interest. It is enacted and retained on the understanding and specifically expressed condition that it creates no duty whatsoever on the City of Vancouver, the *Chief Building Official* or any employee of the City of Vancouver to enforce its provisions, and on the further condition that a failure to administer or enforce its provisions, or the incomplete or inadequate administration or enforcement of its provisions, shall not give rise to a cause of action in favour of any person whatsoever. The issuance of any permit, including an occupancy permit, is not a representation, warranty or statement that the By-law has been complied with, and the issuance thereof in error shall not give rise to a cause of action. Accordingly, words defining the responsibilities and authority of the *Chief Building Official* shall be construed to be internal administrative directions and not as creating a duty.

Article 1A.3.4.1. The granting of a permit, the approval of the drawings and specifications or the making of inspections by the *Chief Building Official* shall not in any way relieve the owner of a building from the full responsibility for carrying out the work or having the work carried out in accordance with this By-law including ensuring that the occupancy of the building, or any part thereof, is in accordance with terms of the occupancy permit, and including compliance with any special conditions made under the provision of Article 1A.6.1.4.

CITY OF VANCOUVER

(THIS IS NOT A PERMIT)

PERMIT TYPE		BUILDING PERMIT APPLICATION ✓				APPLICATION NUMBER A BU 460991	
LEGAL DESCRIPTION LOT 7 BLOCK 159 DISTRICT LOT 264A PLAN 2697					ADDRESS 1290 E 11TH AV		
ADDITIONAL ADDRESS INFORMATION					SPECIFICS VACANT SITE		
APPLICATION DATE APR 23, 2014	PURPOSE CONSTRUCT	PROJECT VALUE \$10,000	ASSESSED VALUE	PLANS 5	METRIC NO	PLACE NAME	
TEMPORARY BUILDING DATES		TEMPORARY USE DATES		SUBTYPE			
					CO-ORDINATE 665-222-92-0000		
APPLICANT CIVIC DEPARTMENT GRACE COCKLE GREATER VANCOUVER REG. DISTRICT 4330 KINGSWAY BURNABY BC V5H 4G8			CONTACT 2 PROPERTY OWNER CITY OF VANCOUVER VANCOUVER BC		CONTACT 3		
TEL 604-436-6742 FAX	BUS. LICENSE CERTIFICATE	TEL FAX	BUS. LICENSE CERTIFICATE	TEL FAX	BUS. LICENSE CERTIFICATE		
FRONT YARD 31.56 FT	SIDE 1 YARD 2.60 FT	SIDE 2 YARD 12.93 FT		REAR YARD 69.55 FT			
<p>THIS APPLICATION IS SUBMITTED WITH PLANS TO:</p> <p>To permit a temporary 10 ft x 20 ft. building on this site, for the purpose of an Air Quality Testing Station, with 1 at grade parking space at the rear having vehicular access from the lane, for a period of 2 years, expiring on March 20, 2016.</p> <p>Applicant: Grace Cockle, 604.436.6722 E-mail: grace.cockle@metrovanvancouver.org</p> <p>*****ALL APPLICATION INFORMATION TO BE VERIFIED*****</p>							
PROPOSED USE U UTILITY/COMMUNICATN		SPECIFICS/LOCATION 208.0		PROPOSED USE		SPECIFICS/LOCATION AREA (SF) OCC	
ITEM 0036 LOT TYPE 0037 LOT WIDTH 0038 LOT DEPTH 0040 PROCESSED THROUGH		SPECIFICS/REFERENCE 04 CORNER/LANE 42 PROC CTR -BLDG NCP		ITEM 0080 ZONE 0115 HEIGHT 0122 TOTAL FSR 0160 TOTAL PARKING		SPECIFICS/REFERENCE 2017 RT-5 10.40 FT 0.07 FSR 1 SP	
RELATED PERMITS: DE417593 CONSTRUCT 1290 E 11TH AV							
CLEARANCES REQD DURING APPLICATION STAG INCLUDE :							
ENGINEERING REVIEW PROC CNTR DEV REVW PCB FIRE REVIEW PLAN REGISTRY PROC CNTR BLDG RVW GVRD DCC REVIEW SL02 SOIL LIQFCN REVIEW FALSE CREEK BASIN DE14 DEV COST LEVY REVW CENTRAL/NORTH							
PROCESSED BY: PROC CNTR BLDG REVIEW BY W HUI							
ADDITIONAL NOTES: 410 Arrange for a Field Review Appointment by contacting 3-1-1 from within Vancouver or 604-873-7000 for outside Vancouver. The 3-1-1 Centre is open 7 days a week from 7AM to 10PM, 365 days a year. Also, our 24 hour Building Inspections booking request message line is 604-873-7058. For information on how to use it, please contact the 3-1-1 Centre. Please Note: Prior to Field Review appointment, your application will be reviewed by City Engineering Department to determine if a damage deposit or sewer upgrade will be required.							
AS OWNER OR OWNERS' AGENT, I HAVE VERIFIED THAT THE INFORMATION CONTAINED WITHIN THIS DOCUMENT AND ASSOCIATED DOCUMENTS AND PLANS IS CORRECT, AND DESCRIBES A USE, A BUILDING OR A WORK WHICH COMPLIES WITH ALL RELEVANT BY-LAWS AND STATUTES. I ACKNOWLEDGE THAT RESPONSIBILITY FOR BY-LAW COMPLIANCE RESTS WITH THE OWNER AND THE OWNER'S EMPLOYEES, AGENTS AND CONTRACTORS. I WILL INDEMNIFY AND SAVE HARMLESS THE CITY OF VANCOUVER, ITS OFFICIALS, EMPLOYEES AND AGENTS AGAINST ALL CLAIMS, LIABILITIES AND EXPENSES OF EVERY KIND, IN RESPECT OF ANYTHING DONE OR NOT DONE PURSUANT TO THIS APPLICATION OR FACT SHEET OR ENSUING PERMIT, INCLUDING NEGLIGENCE AND/OR THE FAILURE TO OBSERVE ALL BY-LAWS, ACTS OR REGULATIONS.							
FEE 300 BUILDING FEE		AMOUNT 160.50		FEE		AMOUNT	
				SIGNATURE			
				DATE			
				TAKEN BY		W HUI	
				FOR THE		CHIEF BUILDING OFFICIAL	
INVOICE: 753194		TOTAL				\$160.50	

2014/05/15 10:11:41

AUDIT COPY

Hui, Wilson

From: Hui, Wilson
Sent: Thursday, July 03, 2014 2:16 PM
To: Grace Cockle (Grace.Cockle@metrovancover.org)
Subject: BU460991 - 1290 E 11th Ave.

Hi Grace,

The following items are required for the above permit:

This project is for a temporary 10' x 20' portable building for air quality testing on this site.

Letters:

At the application stage the following were discussed.

- 1) The B1/B2 letter of assurances for the structural is not a voluntary permit application; therefore, the stamp needs to be removed. *→ original to come with CRP. intrnl.*
 - 2) The structural engineer can sign off for the Geotechnical items for 8.1 and 8.5. (We need someone to confirm the structural comment for the soil bearing. *→ original to come / CRP intrnl.*)
 - 3) The Owner's undertaking for Tenant Improvements, it is page 1 and 2 of 4. *→ check for original*
(1 to 3) ??
- ✓) Schedule A.*

Working Drawing:

- 1) The wall (west elevation) needs the following:
 - ✓ Non-combustible exterior cladding
 - ✓ Studs (prefer non-combustible) - *wood.*
 - ✓ CAN/ULC-S702, Mineral Fibre Thermal Insulation for buildings, and will a mass not less than 1.22 kg/m2 of wall surface. *5/8 - existing.*
 - ✓ 2 layers of 12.7mm type x gypsum wall board.
(I can write this in on the plan for you if you are okay with that.)
 - ✓ I still need to talk the district building inspector in west wall installation. *- email after issuance*

Other Departments:

- 1) Building and Fire is with me (see above items)
- 2) DCC /DCL fees: please contact Kathy Morgan at 604-873-7760 for payment or further questions (see below).
The regional DCC is cleared.

The Vancouver DCL is: 208 sf x \$12.67 = \$2,635.36.

However, we cannot charge more than 10% of the project value so the DCL is reduced to \$1,000.00.

Please advise if the project value will be adjusted.

- 3) Engineering Dept. - it is on hold, please contact Mr. Terry Wilson for status info. at 604.873.7228; in his absence please contact Mr. Kevin Cavell at 604.873.7773 or Rebecca Co at 604.973.7002.

Further review may require at resubmission or comments stage.

WILSON HUI, PCIII
PROCESSING CENTER BUILDING
PLANNING & DEVELOPMENT SERVICES
CITY OF VANCOUVER
P. 604-871-6411
F. 604-873-7100
E. WILSON.HUI@VANCOUVER.CA



CITY OF
VANCOUVER

PLANNING AND DEVELOPMENT SERVICES

Mailing Address:
453 West 12th Avenue, Vancouver BC V5Y 1V4
tel: 604.873.7611

Development and / or Building Application Form

To help expedite submission of your application, please fill out BOTH sides of this information sheet prior to attending the Application Preview counter located in the Enquiry Centre, 2nd Floor - East Wing.

JOB LOCATION (Correct and complete addressing is important. Complete this section carefully.)

Address: 1290 East 11th Avenue, Vancouver Specifics: _____

Floor Level: _____ Suite No: _____

Legal Description:

Lot(s) 7 Block(s) 159 District Lot(s) 264A Plan Number(s) VAP2697

Are you aware of the presence of any contaminated soils on the subject property? ☐ Yes ☒ No

Are you aware of the existence of any contaminated soils studies, reports, soil agreements, or Ministry of Environment orders or letters with respect to the subject property? ☐ Yes ☒ No

Is the building being converted to strata-title ownership? ☐ Yes ☒ No

Note: If you intend to convert an existing building to strata title ownership, please contact Subdivision and Strata Title staff at 604.871.6627 for information on the strata conversion process in advance of the issuance of any permits.

This area must be completed by the person signing the application form

Your Name: Grace Cockle

Mailing Address: 4330 Kingsway

City: Burnaby Postal Code: V5H 4G8

E-mail Address: grace.cockle@metrovancover.org

Phone Number: 604-436-6722 Fax Number: 604-436-6701

Company Name: Greater Vancouver Regional District

Business License Account Number: _____

You are the:

- 01 ☐ Property Owner
02 ☐ Contractor
03 ☐ Certified Professional
04 ☐ Design Professional
05 ☐ Tenant
06 ☐ Agent for Owner
07 ☐ Agent for Tenant
08 ☐ Consultant
09 ☐ Non-profit Association
10 ☐ Civic Department
98 ☒ Other

Note: Contractors/design professionals/consultants **MUST** have a valid Business License to do work in the City of Vancouver. You may obtain current business license account numbers from the Business License Counter.

Complete the following for **ALL** applications

Property Owner's Name: <u>City of Vancouver</u>	
Address: <u>453 West 12th Avenue</u>	City: <u>Vancouver</u>
Postal Code: <u>V5Y 1V4</u>	Phone Number: <u>604-873-7611</u>
Is the owner aware of this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Contractor's Name: _____	
Address: _____	City: _____
Postal Code: _____	Phone Number: _____
Business License Account Number: _____	
Tenant's Name: <u>Greater Vancouver Regional District (Metro Vancouver)</u>	
Address: <u>4330 Kingsway</u>	City: <u>Burnaby</u>
Postal Code: <u>V5H 4G8</u>	Phone Number: <u>604-432-6200</u>
Job Contact: <u>Grace Cockle</u>	
Address: <u>4330 Kingsway</u>	City: <u>Burnaby</u>
Postal Code: <u>V5H 4G8</u>	Phone Number: <u>604-436-6722</u>

Please continue application on reverse

<p>This application is to: (Check applicable boxes)</p> <p>001 <input type="checkbox"/> Construct a new building(s)</p> <p>002 <input type="checkbox"/> Add to an existing building</p> <p>003 <input type="checkbox"/> Alter the interior/exterior</p> <p>004 <input type="checkbox"/> Add to a building and alter the existing portion</p> <p>005 <input type="checkbox"/> Add to a building and change the use</p> <p>006 <input type="checkbox"/> Add to the building, alter existing portion and change use</p> <p>007 <input type="checkbox"/> Interior/exterior alterations and change of use</p> <p>008 <input type="checkbox"/> Enclose an area of an existing building (balcony enclosures)</p> <p>011 <input type="checkbox"/> Project/Site Permit</p> <p>014 <input type="checkbox"/> Change of use</p> <p>015 <input type="checkbox"/> Retain use</p> <p>016 <input type="checkbox"/> Alter grade (raise or lower grade)</p> <p>022 <input type="checkbox"/> Alterations to legalize a suite</p> <p>023 <input type="checkbox"/> Alterations for a new suite</p> <p>026 <input type="checkbox"/> Demolish</p> <p style="margin-left: 20px;"> <input type="checkbox"/> Commercial <input type="checkbox"/> Fire damaged building <input type="checkbox"/> Non-rental one-family dwelling <input type="checkbox"/> Heritage building <input type="checkbox"/> Residential rental building </p> <p>028 <input type="checkbox"/> Temporary tents</p> <p>030 <input type="checkbox"/> Construct a garage/carport</p> <p>031 <input type="checkbox"/> Add/alter/demo garage/carport</p> <p>038 <input type="checkbox"/> Construct partial - framing, etc.</p> <p>040 <input type="checkbox"/> Excavate - valid for project address et al.</p> <p>041 <input type="checkbox"/> Move building from another site</p> <p>042 <input type="checkbox"/> Move building on the same site</p> <p>043 <input type="checkbox"/> Install a pool, fence, tennis court, boat ramp, sign, or similar</p> <p>044 <input type="checkbox"/> Upgrade seismic and/or sprinkler</p> <p>045 <input type="checkbox"/> Mechanical kitchen exhaust, roof top unit, satellite dish</p> <p>046 <input checked="" type="checkbox"/> Prefabricated structure placed on site</p> <p>047 <input type="checkbox"/> Fire damage repair</p> <p>048 <input type="checkbox"/> Flood damage repair</p> <p>050 <input type="checkbox"/> Landscape only</p> <p>053 <input type="checkbox"/> Building envelope repair</p>	<p>Is this a new tenant? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>What is the existing use? <u>Vacant lot</u></p> <p>What is the proposed use? <u>Air Quality Monitoring Station</u></p> <p>How many storeys? <u>1</u></p> <p>How many levels of underground parking? <u>0</u></p> <p>How many <u>new</u> rooftop units? <u>N/A</u></p> <p>Describe work to be done:</p> <p>(Complete carefully, Your application will be based on your written description.)</p> <p>Establish and operate a temporary air quality monitoring station at 1290 East 11th Avenue. The station will measure a number of air pollutants such as: fine particulates, black carbon, nitrogen oxides, carbon monoxide, ground-level ozone, volatile organic compounds, and meteorological measurements (wind speed & direction, temperature and relative humidity). The station will consist of a 6.2 m by 3.1 m prefabricated modular shelter. It will have one door opening, no windows and a rooftop platform. The rooftop will be accessed through an internal ladder and rooftop hatch. The station will be heated and air conditioned to maintain a consistent temperature throughout the year. Most of the monitoring equipment will be located inside the shelter, however some equipment will be located on the rooftop platform. The rooftop platform will be fully enclosed with a safety railing on all four sides. A 10 m tower will be attached to the side of the shelter. This tower will include the meteorological instruments. A landscaped screen will surround the shelter on three sides (north, east and south).</p>
--	---

<p>What is the value of the work proposed? (Include cost of plans, material and labour)</p> <p>\$ <u>10,000.00</u></p> <p>Will any of the following be altered/repaired/installed? Select all that apply:</p> <p style="margin-left: 20px;"> <input checked="" type="checkbox"/> Electrical <input type="checkbox"/> Gas <input type="checkbox"/> Drain Tile <input type="checkbox"/> Plumbing <input type="checkbox"/> Sprinkler <input type="checkbox"/> Fire Alarm </p> <p>Sprinkler Contractor's Name: _____</p> <p>Note: If the sprinkler contractor noted on this application changes, please notify the City of Vancouver in writing within 24 hours.</p> <p>Special Sprinkler Inspection Number SP _____</p>	<p>Office Use Only</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>												
<p>Complete the following for all residential buildings</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Existing</th> <th style="text-align: center;">Proposed</th> </tr> </thead> <tbody> <tr> <td>Total number of dwelling units:</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>Total number of housekeeping units:</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>Total number of sleeping units:</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>		Existing	Proposed	Total number of dwelling units:	_____	_____	Total number of housekeeping units:	_____	_____	Total number of sleeping units:	_____	_____	<p>Office Use Only</p> <p>BU (WWOP?) _____</p> <p>DE _____</p> <p>DT _____</p> <p>BG _____ f/m _____</p> <p>ENV. PROT. Site Profile _____</p> <p>SUBTOTAL _____</p> <p>SP _____</p> <p>TOTAL _____</p>
	Existing	Proposed											
Total number of dwelling units:	_____	_____											
Total number of housekeeping units:	_____	_____											
Total number of sleeping units:	_____	_____											
<p>Complete the following related permit information</p> <p>Development Permit/Application Number DE <u>417593</u></p> <p>Minor Amendment Number DE _____</p> <p>Building Permit/Application Number BU _____</p> <p>Board of Variance Appeal Number Z _____</p> <p>Combined Permit Application Number DB _____</p>	<p>Office Use Only</p> <p>Invoice # _____</p> <p>BU _____</p> <p>DE _____</p>												

As owner or owner's agent, I have verified that the information contained within this document and associated applications and plans is correct, and describes a use, a building or a work which complies with all relevant by-laws and statutes. I understand that personal information contained in this form will not be released to the public except as required by law; however, all associated applications and plans will be made publicly available during the development or building application process. I acknowledge that responsibility for by-law compliance rests with the owner and the owner's employees, agents and contractors. I will indemnify and save harmless the City of Vancouver, its officials, employees and agents against all claims, liabilities and expenses of every kind, in respect to anything done or not done pursuant to this application or fact sheet or ensuing permit, including negligence and/or the failure to observe all by-laws, acts or regulations.

SIGNED AT VANCOUVER, B.C. THIS 23 DAY OF April 2014 Grace Cockle

CITY OF VANCOUVER

(THIS IS NOT A PERMIT)

PERMIT TYPE		OCCUPANCY PERMIT APPLICATION				APPLICATION NUMBER A OC 446079	
LEGAL DESCRIPTION LOT 7 BLOCK 159 DL 264A PLAN VAP2697					ADDRESS 1290 E 11TH AV		
ADDITIONAL ADDRESS INFORMATION					SPECIFICS		
APPLICATION DATE MAR 23, 2015	PURPOSE	PROJECT VALUE	ASSESSED VALUE	PLANS	METRIC NO	PLACE NAME	
TEMPORARY PERMIT DATES		TEMPORARY USE DATES			SUBTYPE		
					CO-ORDINATE 665-222-92-0000		
APPLICANT CONSULTANT GRACE COCKLE METRO VANCOUVER 4330 KINGSWAY VANCOUVER BC V5H 4G8			CONTACT 2		CONTACT 3		
TEL 604-435-6722 FAX	BUS. LICENSE CERTIFICATE	TEL FAX	BUS. LICENSE CERTIFICATE	TEL FAX	BUS. LICENSE CERTIFICATE		

-AIR QUALITY TESTING STATION-

-CONDITIONS & NOTES:-

THE ISSUANCE OF THIS OCCUPANCY PERMIT DOES NOT RELEASE THE OWNER/CONSTRUCTOR FROM COMPLYING WITH THE CONDITIONS OF DEVELOPMENT PERMIT NO. DE417593.

USE IS APPROVED FOR A PERIOD OF TWO YEARS EXPIRING MARCH 20, 2016.

mlh

RELATED PERMITS: BU460991 CONSTRUCT	1290 E 11TH AV	DE417593 CONSTRUCT	1290 E 11TH AV
CLEARANCES REQD DURING APPLICATION STAG INCLUDE :	WATER SERV REVIEW	FIRE DEPT REVIEW	
	E114 ELECTRICAL REVIEW	JASON ROWLEY	604-873-7920

FEE	AMOUNT	FEE	AMOUNT	SIGNATURE	
				DATE	
				TAKEN BY	M HENDERSON
				FOR THE	CHIEF BUILDING OFFICIAL
INVOICE :		TOTAL		\$0.00	

Contact Person:

Samantha Senechal,
Permit Extension/Renewal
Coordinator
604-873-7717
samantha.senechal@vancouver.ca

June 30, 2020

CF-2020-008080
DP-2018-00528

Greater Vancouver Regional District
4330 Kingsway
Burnaby, BC V5H 0C6

RE: 1290 EAST 11TH AVENUE
DEVELOPMENT PERMIT NO. DP-2018-00528 (formerly DE417593)

Our records indicate that **Development Permit No. DP-2018-00528** (formerly DE417593) approved the above-cited location for the following use: To permit a Temporary 10' x 20' building for the purpose of an air quality testing station. This use is approved in accordance with Zoning and Development By-law No. 3575 (the By-law) for a limited period of time, and **expires on July 12, 2020.**

To extend the validity (time-limit) of Development Permit No. DP-2018-00528 (previously extended twice), it will be necessary for either you or your representative to submit a written request to the Director of Planning and pay the prescribed fee of **\$757.00.**

Due to COVID-19, the Development and Buildings Service Centre has currently suspended most operations. For the latest updates on services, please visit our website at <https://vancouver.ca/home-property-development/coronavirus-whats-closed-affected-or-still-open.aspx>

To submit your renewal application and the applicable renewal fee, you may:

1. Mail us your application form and cheque - submit your completed application form and required payment (cheques made payable to the City of Vancouver) by mail to the attention of the Permit Extension/Renewal Coordinator, Development, Buildings and Licensing Department, City Hall – West Annex - 515 West 10th Avenue, Vancouver, BC V5Z 4A8

2. Email us your application and pay in person using credit card – submit your completed application form via email to samantha.senechal@vancouver.ca, and attend the Development and Building Services Centre located at - 515 West 10th Avenue to pay at the cashier using credit or debit card.

If you select option two, when you arrive at the Development and Buildings Service Centre, please push the “Call Intercom Button” for assistance. Please note that the current cashier operating hours are:

- Monday, Wednesday, Friday: 9:00 am to 4:30 pm
- Tuesday & Thursday: 9:00 am to 4:00 pm
- Weekend and holidays: CLOSED

For additional information on extending a development permit and the required documents, please contact the City’s Permit Extension Renewal Coordinator at 604-873-7717 or email samantha.senechal@vancouver.ca.

In accordance with the By-law and to avoid further action, you are required to make application for the required development permit extension or discontinue the use of the Temporary Building, **ON OR BEFORE JULY 31, 2020.**

We thank you in advance for your voluntary compliance.

Yours truly,



Samantha Senechal
Permit Extension/Renewal Coordinator
samantha.senechal@vancouver.ca
604-873-7717

Copy: Andrew Newman, Real Estate & Facilities Management



PLEASE REFER TO:

Ms. J. Blackmore
Permit Extension/Renewal Coordinator,
at 604.873.7717
jessica.blackmore@vancouver.ca
CF-2018-007560

June 26, 2018

Metro Vancouver
Attn: Grace Cockle
4330 Kingsway
Vancouver, BC V5H 4G8

Dear Madam:

**RE: 1290 E. 11th Avenue
Development Permit No. DE417593**

Our records indicate that **Development Permit No. DE417593** approved a temporary 10' X 20' building on this site to be used as an air quality testing station, with one at-grade parking space at the rear having vehicular access from the lane, for a limited period of time expiring March 20, 2016. This permit has been extended once by the Director of Planning. The last extension permitted this use for a further limited period of time **expiring July 12, 2018**, unless extended in writing by the Director of Planning.

To extend the validity (time-limit) of Development Permit No. DE417593, it will be necessary for *either you or your representative* to submit a written request to the Director of Planning and pay the prescribed fee of **\$656.00**.

To make an application in person, please attend the Development and Building Services Centre (City Hall-West Annex at 515 West 10th Avenue, main floor) with your letter and required payment, **ON OR BEFORE JULY 12, 2018**. You may also mail in your application by sending your letter and cheque, made payable to the City of Vancouver, to the attention of Ms. Jessica Blackmore, Development, Buildings and Licensing Department (City Hall-West Annex, 515 West 10th Avenue, Vancouver BC V5Z 4A8).

For your convenience, enclosed is a form letter that may be completed and returned as your written request.

Yours truly,



A. Martin
Property Use Inspector

AHM/gm

Encl.

SCHEDULE B-1

Forming Part of Subsection 2.2.7, Div. C of the
Vancouver Building By-law

BU 460991

Building Permit No.¹

ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW

- Notes: (i) This letter must be submitted along with Schedule B-2 before issuance of a *building permit*. A separate letter must be submitted by each *registered professional*.
- (ii) This letter is endorsed by: Architectural Institute of B.C., Association of Professional Engineers and Geoscientists of B.C., Building Officials' Association of B.C., and Union of B.C. Municipalities.
- (iii) In this letter the words in *italics* have the same meaning as in the Vancouver Building By-law.

To: *The Chief Building Official*

Re: Metro Vancouver - Temporary Installation of Air Quality Monitoring Station

Name of Project (Print)

1290 East 11th Avenue, Vancouver, BC

Address of Project (Print)

Legal Description of Project (Print)

The undersigned hereby gives assurance that the design of the
(Initial those of the items listed below that apply to this *registered professional*.
All the disciplines will not necessarily be employed on every project.)

_____ ARCHITECTURAL
_____ STRUCTURAL
_____ MECHANICAL
_____ PLUMBING
_____ FIRE SUPPRESSION SYSTEMS
_____ ELECTRICAL
_____ GEOTECHNICAL — temporary
_____ GEOTECHNICAL — permanent



(Professional's Seal and Signature)

August 20, 2014

Date

components of the plans and supporting documents prepared by this *registered professional* in support of the application for the *building permit* as outlined on the attached Schedule B-2 substantially comply with the Vancouver Building By-law and other applicable enactments respecting safety except for *construction* safety aspects.

The undersigned hereby undertakes to be responsible for *field reviews* of the above referenced components during *construction* as indicated on the attached "SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS" (SCHEDULE B-2).

MD

CRP's Initials

¹ For Building Official's use only

Schedule B-1 - Continued

811 460 991

Building Permit No.¹

1290 East 11th Avenue, Vancouver, BC

Project Address

Geotechnical

Discipline

The undersigned also undertakes to notify the *Chief Building Official* in writing as soon as possible if the undersigned's contract for *field review* is terminated at any time during *construction*.

I certify that I am a *registered professional* as defined in the Vancouver Building By-law.

Anthony Fuller, P. Eng.

Registered Professional's Name (Print)

500 - 4260 Still Creek Drive, Burnaby, BC. V5C 6C6

Address (Print)

604-296-2776

Phone No.



(Professional's Seal and Signature)

August 20, 2014

Date

(If the *Registered Professional* is a member of a firm, complete the following.)

I am a member of the firm Golder Associates Ltd.
and I sign this letter on behalf of the firm.

(Print name of firm)

Note: The above letter must be signed by a *registered professional*. The Vancouver Building By-law defines a *registered professional* to mean

- (a) a person who is registered or licensed to practise as an architect under the Architects Act, or
- (b) a person who is registered or licensed to practise as a professional engineer under the Engineers and Geoscientists Act.

¹ For Building Official's use only

KD

CRP's Initials

SCHEDULE B-2

Forming Part of Subsection 2.2.7, Division C of the
Vancouver Building By-law

B1460991

Building Permit No. 1

SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS

- Notes: (i) This letter must be submitted along with Schedule B-1 before issuance of a *building permit*.
(ii) This letter is endorsed by: Architectural Institute of B.C., Association of Professional Engineers and Geoscientists of B.C., Building Officials' Association of B.C., and Union of B.C. Municipalities.
(iii) In this letter the words in *italics* have the same meaning as in the Vancouver Building By-law.

Registered Professional's Name (Print) Anthony Fuller, P. Eng.

Name of Project (Print) Metro Vancouver - Temporary Installation of Air Quality Monitoring Station

Address of Project (Print) 1290 East 11th Avenue, Vancouver, BC

(Initial applicable discipline below and cross out and initial only those items not applicable to the project.)

ARCHITECTURAL

- 1.1 Fire resisting assemblies
- 1.2 *Fire separations* and their continuity
- 1.3 *Closures*, including tightness and operation
- 1.4 Egress systems, including *access to exit* within *suites* and *floor areas*
- 1.5 Performance and physical safety features (guardrails, handrails, etc.)
- 1.6 Structural capacity of architectural components, including anchorage and seismic restraint
- 1.7 Sound control
- 1.8 Landscaping, screening and site grading
- 1.9 Provisions for fire fighting access
- 1.10 Access requirements for *persons with disabilities*
- 1.11 Elevating devices
- 1.12 Functional testing of architecturally related fire emergency systems and devices
- 1.13 Development Permit and conditions therein
- 1.14 Interior signage, including acceptable materials, dimensions and locations
- 1.15 Review of all applicable shop drawings
- 1.16 Interior and exterior finishes
- 1.17 Dampproofing and/or waterproofing of walls and slabs below grade
- 1.18 Roofing and flashings
- 1.19 Wall cladding systems
- 1.20 Thermal insulation systems, including condensation control and cavity ventilation
- 1.21 Exterior glazing
- 1.22 Integration of building envelope components
- 1.23 Environmental separation requirements (Part 5)



(Professional's Seal and Signature)

August 20, 2014

Date

STRUCTURAL

- 2.1 Structural capacity of structural components of the *building*, including anchorage and seismic restraint
- 2.2 Structural aspects of *deep foundations*
- 2.3 Review of all applicable *shop drawings*
- 2.4 Structural aspects of unbonded post-tensioned concrete design and construction
- 2.5 Verification of the satisfactory completion of an in-house check of the structural design
- 2.6 Verification of the satisfactory completion of an independent Concept Review, including a general overview of the design calculations

MECHANICAL

- 3.1 HVAC systems and devices, including *high building* requirements where applicable
- 3.2 *Fire dampers* at required *fire separations*
- 3.3 Continuity of *fire separations* at HVAC penetrations
- 3.4 Functional testing of mechanically related fire emergency systems and devices
- 3.5 Maintenance manuals for mechanical systems
- 3.6 Structural capacity of mechanical components, including anchorage and seismic restraint
- 3.7 Review of all applicable shop drawings

¹ For Building Official's use only

nd

CRP's Initials

Schedule B-2 - Continued

BU 460991
Building Permit No. 1

Address of Project (Print) 1290 East 11th Avenue, Vancouver, BC.Registered Professional's Name (Print) Anthony Fuller, P. Eng.**PLUMBING**

- 4.1 ~~Roof drainage systems~~
- 4.2 ~~Site and foundation drainage systems~~
- 4.3 ~~Plumbing systems and devices~~
- 4.4 ~~Continuity of fire separations at plumbing penetrations~~
- 4.5 ~~Functional testing of plumbing related fire emergency systems and devices~~
- 4.6 ~~Maintenance manuals for plumbing systems~~
- 4.7 ~~Structural capacity of plumbing components, including anchorage and seismic restraint~~
- 4.8 ~~Review of all applicable shop drawings~~

FIRE SUPPRESSION SYSTEMS

- 5.1 ~~Suppression system classification for type of occupancy~~
- 5.2 ~~Design coverage, including concealed or special areas~~
- 5.3 ~~Compatibility and location of electrical supervision, ancillary alarm and control devices~~
- 5.4 ~~Evaluation of the capacity of city (municipal) water supply versus system demands and domestic demand, including pumping devices where necessary~~
- 5.5 ~~Qualification of welder, quality of welds and material~~
- 5.6 ~~Review of all applicable shop drawings~~
- 5.7 ~~Acceptance testing for "Contractor's Material and Test Certificate" as per NFPA Standards~~
- 5.8 ~~Maintenance program and manual for suppression systems~~
- 5.9 ~~Structural capacity of sprinkler components, including anchorage and seismic restraint~~
- 5.10 ~~For partial systems — confirm sprinklers are installed in all areas where required~~
- 5.11 ~~Fire Department connections and hydrant locations~~
- 5.12 ~~Fire hose standpipes~~
- 5.13 ~~Functional testing of fire suppression systems and devices~~

ELECTRICAL

- 6.1 ~~Electrical systems and devices, including high building requirements where applicable~~
- 6.2 ~~Continuity of fire separations at electrical penetrations~~
- 6.3 ~~Functional testing of electrical related fire emergency systems and devices~~
- 6.4 ~~Electrical systems and devices maintenance manuals~~
- 6.5 ~~Structural capacity of electrical components, including anchorage and seismic restraint~~
- 6.6 ~~Clearances from buildings of all electrical utility equipment~~
- 6.7 ~~Fire protection of wiring for emergency systems~~
- 6.8 ~~Review of all applicable shop drawings~~

GEOTECHNICAL — Temporary

- 7.1 ~~Excavation~~
- 7.2 ~~Shoring~~
- 7.3 ~~Underpinning~~
- 7.4 ~~Temporary construction dewatering~~

GEOTECHNICAL — Permanent

- 8.1 ~~Bearing capacity of the soil~~
- 8.2 ~~Geotechnical aspects of deep foundations~~
- 8.3 ~~Compaction of engineered fill~~
- 8.4 ~~Structural considerations of soil, including slope stability and seismic loading~~
- 8.5 ~~Backfill~~
- 8.6 ~~Permanent dewatering~~
- 8.7 ~~Permanent underpinning~~



August 20, 2014

Date

AP
CRP's Initials

1 For Building Official's use only

January 20, 2015

NOISE EXCEPTION

FOR
1290 East 11th Avenue

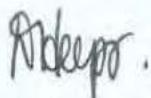
To Whom It May Concern

In accordance with Section 17 of the Noise Control By-law No. 6555, this exception is hereby granted to Eagle West Cranes, 2190 Carpenter Street, Abbotsford for Saturday, January 24, 2015, 7:00 AM to 10:00 AM for work at 1290 East 11th Avenue. This exemption is for mobile crane set up, hoisting of concrete blocks and hoisting of a mobile office building - no other construction is allowed during the exempted hours. Vehicle movements should be arranged so as to minimize the sounding of back-up warning devices. Crews are to take appropriate measures to eliminate all unnecessary noise.

It should be noted that this exception of the Noise Control By-law does not alter the applicant's responsibility to obtain whatever permits or approvals are required from other City Departments.

It is also understood that Eagle West Cranes will notify all residential/hotel accommodations within one block radius concerning the work. Eagle West Cranes agrees that every effort will be made to keep noise to a minimum and this permit is subject to curtailment or cancellation if reasonable complaints are received.

Yours truly,



D. Heeps for
Director of Licences & Inspections

cc Chief Constable
City Engineer
Noise Control Officer

PERMIT REQUESTED BY: Daryl Wiebe 604.557.4461



January 22, 2015

RE: City of Vancouver Noise Exception for January 24th.

Dear Resident,

I would like to inform you that Eagle West Cranes has applied and been granted a noise exception by the City of Vancouver to perform crane work at 1290 E 11th Avenue, Vancouver on Saturday, January 24th, 2015 from 7:00AM to 10:00AM. Work will be done from 7:00AM to 3:00PM (between 10:00AM and 8:00PM no noise exception is required). Eagle West Cranes will be hoisting concrete blocks and a temporary building.

There will be traffic control in place for the duration of the job to ensure traffic will flow efficiently.

There will be regular crane noise throughout the length of the job and Eagle West Cranes will make efforts to minimize the amount of noise produced (e.g. Turning off engines when not in use).

We thank you for your cooperation and anticipate a timely project with minimal disruption.

If you have any questions, please feel free to contact me:

Trevor Morgan
Technical Sales Representative
604-626-1701

Lee, Marisa

From: Heeps, Debbie
Sent: Thursday, January 22, 2015 9:48 AM
To: Noise Exception
Subject: RE: 1290 East 11th Avenue

approved

From: Noise Exception
Sent: Wednesday, January 21, 2015 10:52 AM
To: Heeps, Debbie
Subject: RE: 1290 East 11th Avenue

Debbie,

Building permit BU 460991 was issued on October 30, 2014 to this vacant site for:

To permit a temporary 10 feet by 20 feet building on this site, for the purpose of an Air Quality Testing station with 1 at grade parking space at the rear having vehicular access from the lane, for a period of 2 years expiring on March 20, 2016.

Marisa

From: Noise Exception
Sent: Tuesday, January 20, 2015 11:08 AM
To: Heeps, Debbie
Subject: 1290 East 11th Avenue
Importance: High

Hi Debbie,

The noise exception is for January 24, 2015, 7 AM to 10 AM for mobile crane set up, hoisting of concrete blocks and hoisting a mobile office building.

TM requires that this work be completed on the weekend because the applicant will be closing one lane on Clark Drive. TM wants an early start for this applicant because they want the applicant to be off the road as soon as possible. The applicant has informed me that per TM, Clark drive is a major truck route; hence, no road closures are permitted on the weekdays.

The applicant originally applied to TM to start at 8 AM; however, TM has wants the applicant to be off the road as soon as possible, thereby requiring a 7 AM start time.

The applicant is unable to complete the job from East 11th due to a large tree preventing the successful set up of the mobile crane.

The applicant will be utilizing a folding boom crane which will only require less than 2 hours for set up and take down. All hoisting work will take approximately 4 hours. The applicant plans to have all work completed by 3 PM, but they may be completed early if they do not run into any issues.

Residential notification letters to be distributed to all affected residents within a one block radius.

Regards,

Marisa

CITY
VANCOUVER-TRADES/PERMITS
453 WEST 12TH AVE
VANCOUVER BC

COMMUNITY SERVICES GROUP
Licences and Inspections
Property Use Branch

CARD s.22(1)
CARD TYPE MASTERCARD
DATE 2015/01/19
TIME 9095 15:31:11
RECEIPT NUMBER
M84070144-001-106-059-0

PURCHASE
TOTAL

\$148.00

VER

NOISE EXCEPTION APPLICATION

Inquiries: call 604.871.6004

A noise exception application fee of \$148.00 and completed application form is required five (5) working days prior to the date of proposed activity. In the case of an emergency or other circumstance an application may be submitted less than five (5) working days prior to the date of proposed activity for a non-refundable application fee of \$296.00.

Payment method: Cash, Debit, Cheque, Visa, Master Card and American Express
Person at: Revenue Services, 453 West 12th Avenue, Vancouver, BC V5Y 1V4 or 75 Yukon Street - Second (2nd) floor - Cashier
Credit Card Payments may be faxed to 604-871-6394 or mailed to noise@vancouver.ca

APPROVED

AUTH# R01725 01-027
THANK YOU

(circle one) Visa MasterCard American Express

3/67 Expiry Date 04/15 Signature [Signature]

CARDHOLDER WILL PAY
CARD ISSUER ABOVE AMOUNT
PURSUANT TO CARDHOLDER
AGREEMENT.

Exception OR ☐ Extension of existing Exception

Eagle West Cranes

Address 2190 Carpenter St. Abbotsford Business License# BU 460991

Address 1290 E 11th Ave Building Permit#

Required: From 15/01/24 (YY/MM/DD) TO 15/01/24 (YY/MM/DD)

Required: From 7 * (AM/PM) TO 3 (AM/PM) *requested by traffic.

Describe the Noise that will be created: crane/engine noise

Describe reasons why this exception should be issued: Traffic has required us to work on Saturday due to it being a trucking route.

State measures planned or presently being taken to minimize the sound or noise:

turn off engine when not in use.

Signature of Applicant [Signature]

Contact Name Daryl Wiebe

Phone # 604-557-4461

Date Jan. 15, 2015

E-mail Address dwiebe@eaglewestcranes.com

CASHIER'S STAMP

City of Vancouver
Receipt # 5784192
Issued Jan 15, 2015
Station CS01/08076
BY MASTERCARD
Updated Dec 2013
Jan 15, 2015
3:50 PM

S:\Eagle West Truck & Crane\Road Permit Application Forms\Noise exception application.docx

City Hall 453 West 12th Avenue Vancouver BC V5Y 1V4 vancouver.ca
Inspections tel: 604.873.7601 fax: 604.873.7100



APPLICATION FOR OCCUPANCY PERMIT

OC 446079

Note: This application is to be submitted at least three weeks prior to proposed occupancy.

PROPERTY ADDRESS 1290 East 11th Avenue, Vancouver

SPECIFIC ADDRESS OR UNIT NO. _____

LEGAL DESCRIPTION LOT 7 BLOCK 159 DISTRICT LOT 264 A PLAN VAP 2697

USE OF BUILDING/PREMISES Temporary installation of an air quality ^{testing} monitoring station.

PROPOSED OCCUPANCY DATE ASAP 10 x 20 for a period of 2 yrs exp. Mar 2016
Fire.

PERMIT NUMBERS:

Development Permit	DE	<u>417593</u>	Plumbing Permit	PL	_____
Building Permit	BU	<u>460991</u>	Sprinkler Permit	SP	_____
Development and Building Permit	DB	<u>Mar 23 EL.</u>	Gas Permit	GA	_____
Special Inspection	IA	_____	Electrical Permit	EL	<u>EP-2015-00689</u> X

"CERTIFICATION: I hereby certify that I am the owner or am acting on behalf of the owner and I acknowledge that before an Occupancy Permit will be issued, I must, prior to the proposed occupancy date, deliver to the City of Vancouver, Licences and Inspections Department, the appropriate Letters of Assurance as required pursuant to the Building By-law certifying that the building or applicable portion, for which an Occupancy Permit is being applied for, substantially conforms, in all material respects to the approved plans and the requirements of the Building By-law must be substantially complied with, before occupancy will be authorized for that date". An extra charge may be levied for any re-inspection of work after the "proposed occupancy date".

PLEASE PRINT:

APPLICANT'S NAME <u>Grace Cockle</u>	PHONE NO. <u>604-436-6722</u>
COMPANY <u>Metro Vancouver</u>	DATE <u>March 24, 2015</u>
ADDRESS <u>4330 Kingsway</u>	
CITY <u>Burnaby</u> POSTAL CODE <u>V5H 4G8</u>	SIGNATURE <u>Grace Cockle</u>

This section applies to Development Permits with landscaping conditions issued as of February 1, 2009:

Proposed Completion Date for Landscaping: _____ * (see note)

Landscaping Agreement and Letter of Credit/certified cheque/bank draft attached: ☐ yes ☐ no ** (see note)

Amount \$ _____

* If the completion date for landscaping is the same as the proposed occupancy date, the application for occupancy will be referred to the By-law Compliance Division for inspection and approval.

** If the completion date for landscaping is after the proposed occupancy date, the application must be accompanied by an agreement for completion of the landscaping to be signed by the developer and an Irrevocable Letter of Credit, certified cheque or bank draft payable to the City of Vancouver in the amount of 1% of the project value for the building up to a maximum dollar amount of \$150,000.00 (one hundred and fifty thousand dollars). The landscaping will be inspected on the proposed completion date, and if in compliance, the City will return the Letter of Credit, certified cheque or bank draft. If the landscaping is not completed in compliance with the approved plans, the Licences and Inspections Department may commence enforcement action.



PLANNING AND DEVELOPMENT SERVICES
Development Services

Mail to: Director of Planning
c/o Permit Extension & Renewals Clerk
Development Services, West Annex
City of Vancouver
453 West 12th Avenue
Vancouver, BC V5Y 1V4

To pay in person, please submit this form and payment to the Development and Building Services Centre, Ground Floor, 515 West 10th Avenue (West Annex, City Hall).

Date: June 3, 2016

Re: Property Address: 1290 East 11th Avenue Development Permit No.: DE 417593

I am requesting: ☐ a renewal ☐ an extension ☒ an extension to the time limitation
to the above-noted Development Permit for a further period of time.

Requests or
Considerations:

Metro Vancouver is studying the impacts of air quality in neighborhoods near major roadways. This monitoring station is measuring air pollutants in support of this study. In order to collect additional data, Metro Vancouver is requesting an extension of 3 years to DE 417593.

Applicant/Contact Name: Metro Vancouver - Grace Cockle

Company Name: Metro Vancouver

Mailing Address: 4330 Kingsway
Address Line 1

Address Line 2

Burnaby
City

BC
Province

V5H 4G8
Postal Code

Phone Number: 604-436-6722

Cell: _____

Email Address: grace.cockle@metrovancover.org

INTERNAL USE ONLY

Date Payment Processed: June 9 / 16

Receipt Number: 796770

If Chq. Rec'd
Cheque No. ↓

Amount Received: \$ 547.00

Staff Initials: mb3

444200

☒ Original To: Permit Extension & Renewal Clerk

☒ Copy To: Central Property File

Print this form

Kolbinson, Rita

From: Hui, Wilson
Sent: Thursday, July 03, 2014 2:16 PM
To: Grace Cockle (Grace.Cockle@metrovanvancouver.org)
Subject: BU460991 - 1290 E 11th Ave.

Hi Grace,

The following items are required for the above permit:

This project is for a temporary 10' x 20' portable building for air quality testing on this site.

Letters:

At the application stage the following were discussed.

- 1) The B1/B2 letter of assurances for the structural is not a voluntary permit application; therefore, the stamp needs to be removed.
- 2) The structural engineer can sign off for the Geotechnical items for 8.1 and 8.5. (We need someone to confirm the structural comment for the soil bearing.
- 3) The Owner's undertaking for Tenant Improvements, it is page 1 and 2 of 4.

Working Drawing:

- 1) The wall (west elevation) needs the following:
 - Non-combustible exterior cladding
 - Studs (prefer non-combustible)
 - CAN/ULC-S702, Mineral Fibre Thermal Insulation for buildings, and will a mass not less than 1.22 kg/m2 of wall surface.
 - 2 layers of 12.7mm type x gypsum wall board.
(I can write this in on the plan for you if you are okay with that.)
 - I still need to talk the district building inspector in west wall installation.

Other Departments:

- 1) Building and Fire is with me (see above items)
- 2) DCC /DCL fees: please contact Kathy Morgan at 604-873-7760 for payment or further questions (see below).
The regional DCC is cleared.

The Vancouver DCL is: 208 sf x \$12.67 = \$2,635.36.

However, we cannot charge more than 10% of the project value so the DCL is reduced to \$1,000.00.

Please advise if the project value will be adjusted.

- 3) Engineering Dept. – it is on hold, please contact Mr. Terry Wilson for status info. at 604.873.7228; in his absence please contact Mr. Kevin Cavell at 604.873.7773 or Rebecca Co at 604.973.7002.

Further review may require at resubmission or comments stage.

WILSON HUI, PCIII
PROCESSING CENTER BUILDING
PLANNING & DEVELOPMENT SERVICES
CITY OF VANCOUVER
P. 604-871-6411
F. 604-873-7100
E. WILSON.HUI@VANCOUVER.CA

DATE August 20, 2014**REFERENCE No.** 1414470155-009-TM-Rev0**TO** Emma Slater, E.I.T.
Metro Vancouver - Water Services Department**FROM** Thomas Madden/Anthony Fuller**EMAIL** tmadden@golder.com/
afuller@golder.com**GEOTECHNICAL ASSESSMENT
PROPOSED FOUNDATION SUPPORT FOR TEMPORARY AIR QUALITY MONITORING STATION
1290 EAST 11TH AVENUE, VANCOUVER, BC**

Metro Vancouver (MV) has retained Golder Associates Ltd. (Golder) to provide geotechnical engineering input to the design of a proposed air quality monitoring station at 1290 East 11th Avenue in Vancouver, BC.

This assessment is limited to geotechnical aspects of the project only, and does not include provision for a site specific geotechnical investigation, testing or assessment of the potential presence or impact of soil or groundwater contamination or possible archaeological, and/or bio-environmental considerations at the site. This report should be read in conjunction with the **"Important Information and Limitations of This Report"** which is appended following the text. The reader's attention is specifically drawn to this information, as it is essential for the proper use and interpretation of this report.

1.0 SITE DESCRIPTION AND PROJECT UNDERSTANDING

Golder understands that MV is proposing the placement of a temporary timber-framed air quality monitoring structure on a site located at 1290 East 11th Avenue in Vancouver, BC. The site is currently undeveloped and is bounded to the north by East 11th Avenue, to the east by Clark Drive, to the south by a laneway and to the west by a residential property lot.

The structure has approximate dimensions of 6.2 m by 3.1 m. The longitudinal axis of the temporary structure is to be orientated in the north-south direction. It is understood that the structure weighs about 3,175 kg. The existing ground surface elevation at the site is understood to be approximately 27.1 m with respect to geodetic datum.

Based on MV's Foundation Plan, Sections and Detail Drawing Sheet 23, dated April 2014, we understand that the structure is to be supported on two rows of concrete Lock Blocks placed beneath the structure along its longitudinal edges.

Based on the drawings, it is proposed that each Lock Block be placed a nominal 0.6 m below the existing ground surface on a 150 mm thick layer of 19 mm clear crushed gravel. The excavated footing area is proposed to be backfilled with sand and gravel compacted to 95 per cent of the modified Proctor maximum dry density (MPMDD) for the material.

**Golder Associates Ltd.**500 - 4260 Still Creek Drive, Burnaby, British Columbia, Canada V5C 6C6
Tel: +1 (604) 296 4200 Fax: +1 (604) 298 5253 www.golder.com

Golder Associates: Operations in Africa, Asia, Australasia, Europe, North America and South America

Golder, Golder Associates and the GA globe design are trademarks of Golder Associates Corporation.

Based on correspondence from MV, it is understood that the maximum applied bearing stress under dead and live loads is 36 kPa, and that the maximum bearing stress under dead and seismic conditions is calculated to be 56 kPa. These are assumed to be Ultimate Limit State values.

2.0 REVIEW OF INFORMATION

2.1 Surficial Geology

Review of published surficial geological information from the Geological Survey of Canada (GSC Map, 1486A, 1979) indicates that the site lies within an area of landfill. The fill material generally comprises reworked natural soils with inclusions of manmade debris (crushed stone, refuse etc.).

The surrounding region is predominately underlain by natural deposits of Vashon Drift. Vashon Drift generally comprises glacial drift and till-like soils, and includes clay, silt, sand, gravel, cobbles and boulders. The till-like soils in this area are generally overlain by younger marine and glaciomarine Capilano Sediments that generally include silt and clay with relatively minor inclusions of sand and silt.

The subsurface conditions outlined above represent a general regional trend. Locally, there will be variations, including where development has resulted in excavation of the natural soils and the placement of fill, and where historical water courses have eroded channels and deposited alluvial and fluvial soils.

2.2 Historical Streams

Golder has reviewed maps showing locations of historical streams within the area of the site. Based on this information, the alignment of the historical China Creek is understood to have conveyed surface water drainage to Trout Lake and False Creek. One of China Creek's tributaries is understood to have historically passed close to the intersection of East 12th Avenue and Clark Drive, in a south-west to north-east orientation. It should be noted that information concerning the locations of historical creeks is uncertain and should be considered as general guidance. It is possible that the actual locations may be significantly different from what is understood from available sources of information.

When historical streams are encountered during excavation, the subsurface soil and groundwater conditions may differ significantly from the surrounding subsurface conditions. The natural soils encountered may include water-bearing cohesionless soil, cohesive soils, and organic matter. In addition, during development of the area some of the old stream channels were in-filled with materials that may include non-engineered soil of variable and heterogeneous composition and consistency. Old culverts and other structures may also be present.

2.3 Previous Geotechnical Work

Golder has carried out previous site investigations in the vicinity of the site. Of particular relevance is the geotechnical and geo-environmental investigation work that Golder has carried out for the Trout Lake Sanitary Trunk Sewer. The following reports were reviewed:

- Golder Associates Ltd. Report on 'Geotechnical Input to Proposed GVRD Trout Lake Sanitary Trunk Sewer Preliminary Design' dated July 2002.

- Golder Associates Ltd. Report on *'Factual Results of The Geotechnical Investigation for the GVRD Trout Lake Sanitary Trunk Sewer, Vancouver, BC'* dated May 2003.

As part of the 2002 investigation for the 'Proposed GVRD Trout Lake Sanitary Sewer', two solid stem augerholes were drilled close to the site. One augerhole was advanced within East 11th Avenue, east of Clark Drive, and the second was drilled west of Clark Drive, south of China Creek Park. The augerholes were advanced using a truck mounted auger drill rig to depths of 8.8 m and 9.1 m below ground surface, respectively. In addition, two dynamic cone penetration tests (DCPTs) were advanced adjacent to the augerholes in order to obtain measurements of the in-situ resistance to penetration of the soils. One standpipe piezometer was installed within the augerhole east of Clark Drive in order to allow the measurement of the groundwater levels.

A supplementary geo-environmental investigation was conducted between November 2002 and April 2003 which included five solid-stem augerholes and five DCPTs within China Creek Park. The augerholes were advanced to depths ranging from 7.6 m to 12.2 m below ground surface, with the DCPTs terminated at depths ranging from 5.5 m to 8.8 m.

The following sections discuss the subsurface conditions encountered in the historical augerholes. The subsurface conditions were observed to vary at the augerhole locations. Similar and possibly greater variation in the subsurface conditions should be expected between and beyond augerhole locations requiring caution when interpreting the conditions between or beyond the augerholes.

2.3.1 Fill Material

During the 2002 geotechnical investigation, fill material was found underlying a thin surficial layer of asphalt and topsoil. The fill generally consists of brown to grey, silty sand to silt and sand material with a trace to some gravel. Minor amounts of organics (topsoil, wood fragments) and landfill debris (plastic) were also encountered within the material. The fill layer extends to depths of 1.1 m and 7.5 m within at the augerholes west and east of Clark Drive, respectively. A 0.3 m thick layer of sand was encountered underlying the fill within the augerhole west of Clark Drive.

The DCPT values for the fill layer indicate that this material is generally very loose to compact, with values ranging from 3 to 10 blows per 0.3 m.

During the 2003 investigation, the five augerholes within China Creek Park encountered extensive fill material of varying composition. The fill comprises varying proportions of silt, sand and gravel with inclusions of landfill debris (brick, plastic, asphalt metal, ceramics, paper, wood waste etc.). Black staining and moderate-creosote odour was observed discontinuously throughout the fills. Four of the 2003 augerholes were terminated within this fill material at a target depth of 7.6 m below ground surface.

DCPT blow counts ranging between 6 and 40 blows per 0.3 m indicates that this upper fill zone is loose to compact. It is possible that the higher blow counts recorded represents coarser grained inclusions within the material.

2.3.2 Native Till-Like Deposits

Underlying the fill materials, glacial till-like deposits were encountered in both 2002 augerholes, either side of Clark Drive. The depth to the top of this deposit at the west and east side of Clark Drive was about 1.4 m and 7.5 m below ground surface, respectively, and extended to augerhole termination depths of roughly 8.8 m and 9.1 m. These deposits comprise grey, silt and sand mixtures, with minor amounts of gravel. Considering its geological origin, this material is also inferred to contain cobbles and boulders.

DCPT blow counts within this deposit ranged from roughly 39 blows to values in excess of 100 per 0.3 m penetration, indicating that it is dense to very dense. Effective refusal of DCPT penetration was encountered at 4.8 m, west of Clark Drive and 7.9 m on the east.

Till-like deposits were also encountered within one of the 2003 geo-environmental augerholes at China Creek Park at a depth of 10.7 m below ground surface. The remaining augerholes were terminated at a target depth 7.6 m within the fill material.

2.3.3 Groundwater

At the time of the 2002 geotechnical investigation, groundwater seepage was only observed within the augerhole east of Clark Drive at approximately 6.4 m below ground surface, within the fill material overlying the very dense native till-like deposits.

Groundwater levels will likely vary with seasonal changes in precipitation. The possibility of encountering perched water levels within the fills overlying the native till-like soils, as well as through granular and more permeable zones within and below the till-like soils, should be expected.

3.0 GEOTECHNICAL ENGINEERING COMMENTS AND RECOMMENDATIONS

It is understood that the proposed temporary structure will remain in place for up to about 2 years. Based on the information received, the structure will be relatively lightly loaded.

Our review of the available information suggests that it is possible that the site is underlain by fill of variable depth, composition and quality. We concur with the proposed use of clear crushed gravel as a base material. Provided the subgrade consists of generally compact mineral soils, the proposed 150 mm layer of crushed gravel is considered adequate and may be placed directly over the exposed subgrade. Excavation to subgrade should extend a horizontal distance beyond the edges of the Lock Blocks equal to the thickness of the base gravel layer below the blocks. If loose or soft fine-grained materials, or excessive seepage, are encountered at subgrade, it may be necessary to subexcavate an additional 150 mm and place a woven geotextile separator, such as a Nilex 2006, or equivalent, over the subgrade. The geotextile cloth should be wrapped around the crushed gravel layer and extend back under the Lock Block footprint, for encapsulation of the gravel.

If coarse-grained particles such as cobbles, boulders, or refuse are encountered at subgrade, it should be subexcavated and replaced with suitably placed and compacted well-graded, free-draining sand or sand and gravel.

Provided the subgrade is prepared adequately, an Ultimate Limit State bearing capacity of 150 kPa may be used for design purposes.

Backfill material outside of the base course layer should consist of well-graded, free-draining sand or sand and gravel compacted to 95 per cent of the modified Proctor maximum dry density for the material. Fill should be placed and compacted in loose lifts not exceeding 300 mm.


Provided the subgrade is prepared adequately, we do not anticipate that post-construction total settlements will exceed 25 mm. Differential settlements of 50 to 75 per cent of the maximum total settlement should be expected. We do not have information concerning the settlement tolerance of the structure. If these values are in excess of the tolerable limits, Golder should be requested to re-evaluate expected settlements and subgrade preparation.

The structure is temporary and, as such, the seismic performance of the structure has not been considered in this assessment. Seismic design of habitable structures in BC is governed by the BC Building Code for which the design seismic event is the 1-in-2,475 year return period earthquake. This corresponds to a probability of exceedance of 2 per cent in 50 years. Considering the relatively short in-service life of the proposed structure, the risk of design seismic loading on the structure is considered to be very small.

4.0 CLOSURE

We trust that this technical memorandum is sufficient for your current requirements. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

GOLDER ASSOCIATES LTD.


PP-Thomas Madden, E.I.T.
Geotechnical Engineer

TBM/APF/kn

Attachments: Sealed Schedules B-1 and B-2


Anthony Fuller, P. Eng.
Associate



20 August 2014.

IMPORTANT INFORMATION AND LIMITATIONS OF THIS REPORT

Standard of Care: Golder Associates Ltd. (Golder) has prepared this report in a manner consistent with that level of care and skill ordinarily exercised by members of the engineering and science professions currently practising under similar conditions in the jurisdiction in which the services are provided, subject to the time limits and physical constraints applicable to this report. No other warranty, expressed or implied is made.

Basis and Use of the Report: This report has been prepared for the specific site, design objective, development and purpose described to Golder by the Client. The factual data, interpretations and recommendations pertain to a specific project as described in this report and are not applicable to any other project or site location. Any change of site conditions, purpose, development plans or if the project is not initiated within eighteen months of the date of the report may alter the validity of the report. Golder can not be responsible for use of this report, or portions thereof, unless Golder is requested to review and, if necessary, revise the report.

The information, recommendations and opinions expressed in this report are for the sole benefit of the Client. No other party may use or rely on this report or any portion thereof without Golder's express written consent. If the report was prepared to be included for a specific permit application process, then upon the reasonable request of the client, Golder may authorize in writing the use of this report by the regulatory agency as an Approved User for the specific and identified purpose of the applicable permit review process. Any other use of this report by others is prohibited and is without responsibility to Golder. The report, all plans, data, drawings and other documents as well as all electronic media prepared by Golder are considered its professional work product and shall remain the copyright property of Golder, who authorizes only the Client and Approved Users to make copies of the report, but only in such quantities as are reasonably necessary for the use of the report by those parties. The Client and Approved Users may not give, lend, sell, or otherwise make available the report or any portion thereof to any other party without the express written permission of Golder. The Client acknowledges that electronic media is susceptible to unauthorized modification, deterioration and incompatibility and therefore the Client can not rely upon the electronic media versions of Golder's report or other work products.

The report is of a summary nature and is not intended to stand alone without reference to the instructions given to Golder by the Client, communications between Golder and the Client, and to any other reports prepared by Golder for the Client relative to the specific site described in the report. In order to properly understand the suggestions, recommendations and opinions expressed in this report, reference must be made to the whole of the report. Golder can not be responsible for use of portions of the report without reference to the entire report.

Unless otherwise stated, the suggestions, recommendations and opinions given in this report are intended only for the guidance of the Client in the design of the specific project. The extent and detail of investigations, including the number of test holes, necessary to determine all of the relevant conditions which may affect construction costs would normally be greater than has been carried out for design purposes. Contractors bidding on, or undertaking the work, should rely on their own investigations, as well as their own interpretations of the factual data presented in the report, as to how subsurface conditions may affect their work, including but not limited to proposed construction techniques, schedule, safety and equipment capabilities.

Soil, Rock and Groundwater Conditions: Classification and identification of soils, rocks, and geologic units have been based on commonly accepted methods employed in the practice of geotechnical engineering and related disciplines. Classification and identification of the type and condition of these materials or units involves judgment, and boundaries between different soil, rock or geologic types or units may be transitional rather than abrupt. Accordingly, Golder does not warrant or guarantee the exactness of the descriptions.

Special risks occur whenever engineering or related disciplines are applied to identify subsurface conditions and even a comprehensive investigation, sampling and testing program may fail to detect all or certain subsurface conditions. The environmental, geologic, geotechnical, geochemical and hydrogeologic conditions that Golder

interprets to exist between and beyond sampling points may differ from those that actually exist. In addition to soil variability, fill of variable physical and chemical composition can be present over portions of the site or on adjacent properties. **The professional services retained for this project include only the geotechnical aspects of the subsurface conditions at the site, unless otherwise specifically stated and identified in the report.** The presence or implication(s) of possible surface and/or subsurface contamination resulting from previous activities or uses of the site and/or resulting from the introduction onto the site of materials from off-site sources are outside the terms of reference for this project and have not been investigated or addressed.

Soil and groundwater conditions shown in the factual data and described in the report are the observed conditions at the time of their determination or measurement. Unless otherwise noted, those conditions form the basis of the recommendations in the report. Groundwater conditions may vary between and beyond reported locations and can be affected by annual, seasonal and meteorological conditions. The condition of the soil, rock and groundwater may be significantly altered by construction activities (traffic, excavation, groundwater level lowering, pile driving, blasting, etc.) on the site or on adjacent sites. Excavation may expose the soils to changes due to wetting, drying or frost. Unless otherwise indicated the soil must be protected from these changes during construction.

Sample Disposal: Golder will dispose of all uncontaminated soil and/or rock samples 90 days following issue of this report or, upon written request of the Client, will store uncontaminated samples and materials at the Client's expense. In the event that actual contaminated soils, fills or groundwater are encountered or are inferred to be present, all contaminated samples shall remain the property and responsibility of the Client for proper disposal.

Follow-Up and Construction Services: All details of the design were not known at the time of submission of Golder's report. Golder should be retained to review the final design, project plans and documents prior to construction, to confirm that they are consistent with the intent of Golder's report.

During construction, Golder should be retained to perform sufficient and timely observations of encountered conditions to confirm and document that the subsurface conditions do not materially differ from those interpreted conditions considered in the preparation of Golder's report and to confirm and document that construction activities do not adversely affect the suggestions, recommendations and opinions contained in Golder's report. Adequate field review, observation and testing during construction are necessary for Golder to be able to provide letters of assurance, in accordance with the requirements of many regulatory authorities. In cases where this recommendation is not followed, Golder's responsibility is limited to interpreting accurately the information encountered at the borehole locations, at the time of their initial determination or measurement during the preparation of the Report.

Changed Conditions and Drainage: Where conditions encountered at the site differ significantly from those anticipated in this report, either due to natural variability of subsurface conditions or construction activities, it is a condition of this report that Golder be notified of any changes and be provided with an opportunity to review or revise the recommendations within this report. Recognition of changed soil and rock conditions requires experience and it is recommended that Golder be employed to visit the site with sufficient frequency to detect if conditions have changed significantly.

Drainage of subsurface water is commonly required either for temporary or permanent installations for the project. Improper design or construction of drainage or dewatering can have serious consequences. Golder takes no responsibility for the effects of drainage unless specifically involved in the detailed design and construction monitoring of the system.

c:\final\2014\1447\14-1447-0155\1414470155-009-tm-rev0\1414470155-009-tm-rev0 air quality str 20aug_14.docx

SCHEDULE B-1Forming Part of Subsection 2.2.7, Div. C of the
Vancouver Building By-law**B4460991**Building Permit No. ¹**ASSURANCE OF PROFESSIONAL DESIGN AND
COMMITMENT FOR FIELD REVIEW**

- Notes: (i) This letter must be submitted along with Schedule B-2 before issuance of a *building permit*. A separate letter must be submitted by each *registered professional*.
- (ii) This letter is endorsed by: Architectural Institute of B.C., Association of Professional Engineers and Geoscientists of B.C., Building Officials' Association of B.C., and Union of B.C. Municipalities.
- (iii) In this letter the words in italics have the same meaning as in the Vancouver Building By-law.

To: *The Chief Building Official*Re: Temporary Installation of Air Quality Monitoring Station

Name of Project (Print)

1290 East 11th Avenue, Vancouver, BC

Address of Project (Print)

Lot 7 Block 159 Plan VAP2697 District Lot 264A New West Subsidy Lot D

Legal Description of Project (Print)

The undersigned hereby gives assurance that the design of the
(initial those of the items listed below that apply to this *registered professional*.
All the disciplines will not necessarily be employed on every project.)

MD **ARCHITECTURAL**

MD **STRUCTURAL**

 MECHANICAL

 PLUMBING

 FIRE SUPPRESSION SYSTEMS

 ELECTRICAL

 GEOTECHNICAL — temporary

 GEOTECHNICAL — permanent



(Professional's Seal and Signature)

07/17/2014

Date

components of the plans and supporting documents prepared by this *registered professional* in support of the application for the *building permit* as outlined on the attached Schedule B-2 substantially comply with the Vancouver Building By-law and other applicable enactments respecting safety except for *construction* safety aspects.

The undersigned hereby undertakes to be responsible for *field reviews* of the above referenced components during *construction* as indicated on the attached "SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS" (SCHEDULE B-2).

MD

CRP's Initials

¹ For Building Official's use only

VANCOUVER BUILDING BY-LAW 2007

Schedule B-1 - Continued

Bu 460991

Building Permit No.¹

1290 East 11th Avenue, Vancouver, BC

Project Address

Structural

Discipline

The undersigned also undertakes to notify the *Chief Building Official* in writing as soon as possible if the undersigned's contract for *field review* is terminated at any time during *construction*.

I certify that I am a *registered professional* as defined in the Vancouver Building By-law.

Matthew Dybwad

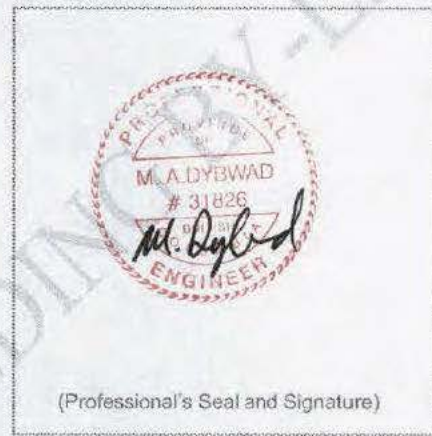
Registered Professional's Name (Print)

4330 Kingsway, Burnaby, BC V5H 4G8

Address (Print)

(604) 451-6087

Phone No.



(Professional's Seal and Signature)

07/17/2014

Date

(If the *Registered Professional* is a member of a firm, complete the following.)

I am a member of the firm Metro Vancouver

and I sign this letter on behalf of the firm.

(Print name of firm)

Note: The above letter must be signed by a *registered professional*. The Vancouver Building By-law defines a *registered professional* to mean

- (a) a person who is registered or licensed to practise as an architect under the Architects Act, or
- (b) a person who is registered or licensed to practise as a professional engineer under the Engineers and Geoscientists Act.

¹ For Building Official's use only

MD

CRP's Initials

SCHEDULE B-2Forming Part of Subsection 2.2.7, Division C of the
Vancouver Building By-law**BU460991**Building Permit No.¹**SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS**

- Notes: (i) This letter must be submitted along with Schedule B-1 before issuance of a *building permit*.
(ii) This letter is endorsed by: Architectural Institute of B.C., Association of Professional Engineers and Geoscientists of B.C., Building Officials' Association of B.C., and Union of B.C. Municipalities.
(iii) In this letter the words in *italics* have the same meaning as in the Vancouver Building By-law.

Registered Professional's Name (Print) Matthew Dybwad
Name of Project (Print) Temporary Installation of Air Quality Monitoring Station
Address of Project (Print) 1290 East 11th Avenue, Vancouver, BC

(Initial applicable discipline below and cross out and initial only those items not applicable to the project.)

ARCHITECTURAL

- 1.1 Fire resisting assemblies
- 1.2 *Fire separations* and their continuity
- 1.3 *Closures*, including tightness and operation
- 1.4 Egress systems, including *access to exit* within *suites and floor areas*
- 1.5 Performance and physical safety features (guardrails, handrails, etc.)
- 1.6 Structural capacity of architectural components, including anchorage and seismic restraint
- 1.7 Sound control
- 1.8 Landscaping, screening and site grading
- 1.9 Provisions for fire fighting access
- 1.10 Access requirements for *persons with disabilities*
- 1.11 Elevating devices
- 1.12 Functional testing of architecturally related fire emergency systems and devices
- 1.13 Development Permit and conditions therein
- 1.14 Interior signage, including acceptable materials, dimensions and locations
- 1.15 Review of all applicable shop drawings
- 1.16 Interior and exterior finishes
- 1.17 Dampproofing and/or waterproofing of walls and slabs below grade
- 1.18 Roofing and flashings
- 1.19 Wall cladding systems
- 1.20 Thermal insulation systems, including condensation control and cavity ventilation
- 1.21 Exterior glazing
- 1.22 Integration of building envelope components
- 1.23 Environmental separation requirements (Part 5)



(Professional's Seal and Signature)

07/17/2014

Date

ND STRUCTURAL

- 2.1 Structural capacity of ~~structural components of the building~~ **ND** *to foundation* including anchorage and seismic restraint
- 2.2 Structural aspects of ~~deep foundations~~ **ND** *shallow foundations* **no**
- ND 2.3 ~~Review of all applicable shop drawings~~
- ND 2.4 ~~Structural aspects of unbonded post-tensioned concrete design and construction~~
- 2.5 Verification of the satisfactory completion of an in-house check of the structural design
- 2.6 Verification of the satisfactory completion of an independent Concept Review, including a general overview of the design calculations

MECHANICAL

- 3.1 HVAC systems and devices, including high *building* requirements where applicable
- 3.2 *Fire dampers* at required *fire separations*
- 3.3 Continuity of *fire separations* at HVAC penetrations
- 3.4 Functional testing of mechanically related fire emergency systems and devices
- 3.5 Maintenance manuals for mechanical systems
- 3.6 Structural capacity of mechanical components, including anchorage and seismic restraint
- 3.7 Review of all applicable shop drawings

¹ For Building Official's use only**ND**

CRP's Initials

Schedule B-2 - Continued

BU 460991
Building Permit No.¹Address of Project (Print) 1290 East 11th Avenue, Vancouver, BC
Registered Professional's Name (Print) Matthew Dybwad**PLUMBING**

- 4.1 Roof *drainage systems*
- 4.2 Site and foundation *drainage systems*
- 4.3 *Plumbing systems* and devices
- 4.4 Continuity of *fire separations* at plumbing penetrations
- 4.5 Functional testing of plumbing related fire emergency systems and devices
- 4.6 Maintenance manuals for *plumbing systems*
- 4.7 Structural capacity of plumbing components, including anchorage and seismic restraint
- 4.8 Review of all applicable shop drawings

FIRE SUPPRESSION SYSTEMS

- 5.1 Suppression system classification for type of *occupancy*
- 5.2 Design coverage, including concealed or special areas
- 5.3 Compatibility and location of electrical supervision, ancillary alarm and control devices
- 5.4 Evaluation of the capacity of city (municipal) water supply versus system demands and domestic demand, including pumping devices where necessary
- 5.5 Qualification of welder, quality of welds and material
- 5.6 Review of all applicable shop drawings
- 5.7 Acceptance testing for "Contractor's Material and Test Certificate" as per NFPA Standards
- 5.8 Maintenance program and manual for suppression systems
- 5.9 Structural capacity of sprinkler components, including anchorage and seismic restraint
- 5.10 For partial systems — confirm sprinklers are installed in all areas where required
- 5.11 Fire Department connections and hydrant locations
- 5.12 Fire hose standpipes
- 5.13 Functional testing of fire suppression systems and devices

ELECTRICAL

- 6.1 Electrical systems and devices, including high building requirements where applicable
- 6.2 Continuity of *fire separations* at electrical penetrations
- 6.3 Functional testing of electrical related fire emergency systems and devices
- 6.4 Electrical systems and devices maintenance manuals
- 6.5 Structural capacity of electrical components, including anchorage and seismic restraint
- 6.6 Clearances from *buildings* of all electrical utility equipment
- 6.7 Fire protection of wiring for emergency systems
- 6.8 Review of all applicable shop drawings

GEOTECHNICAL — Temporary

- 7.1 *Excavation*
- 7.2 *Shoring*
- 7.3 *Underpinning*
- 7.4 Temporary construction dewatering

GEOTECHNICAL — Permanent

- 8.1 Bearing capacity of the soil
- 8.2 Geotechnical aspects of *deep foundations*
- 8.3 Compaction of engineered fill
- 8.4 Structural considerations of soil, including slope stability and seismic loading
- 8.5 Backfill
- 8.6 Permanent dewatering
- 8.7 Permanent underpinning



07/17/2014

Date

MD

CRP's Initials

¹ For Building Official's use only

SCHEDULE C-B

Forming Part of Subsection 2.2.7, Division C of the
Vancouver Building By-law

BU460991.

Building Permit No.

ASSURANCE OF PROFESSIONAL FIELD REVIEW
AND COMPLIANCE

MAR 23 2015

- Notes: (i) This letter must be submitted after completion of the project but prior to final inspection by the authority having jurisdiction. A separate letter must be submitted by each *registered professional*.
- (ii) This letter is endorsed by: Architectural Institute of B.C., Association of Professional Engineers and Geoscientists of B.C., Building Officials' Association of B.C., and Union of B.C. Municipalities.
- (iii) In this letter the words in italics have the same meaning as in the Vancouver Building By-law.

ED LONEY

Building Insp. - Dist. #

To: The Chief Building Official
City of Vancouver

Name of Jurisdiction (Print)

Re: Geotechnical

Discipline (e.g. Architectural, etc.) (Print)

GVRD Air Quality Monitoring Station

Name of Project (Print)

1290 East 11th Avenue, Vancouver, BC

Address of Project (Print)

Lot 7 Block 159 Plan VAP2697 DL 264A NW Subsidy Lot D

Legal Description of Project (Print)

(Each *registered professional* shall complete the following:)

Anthony Fuller, P.Eng.

Name (Print)

200-2920 Virtual Way

Address (Print)

Vancouver, BC V5M 0C4

604-296-4200

Phone No.



(Professional's Seal and Signature)

13 February 2015

Date

I hereby give assurance that

- (a) I have fulfilled my obligations for *field review* as outlined in Subsection 2.2.7, Division C of the Vancouver Building By-law and in the previously submitted Schedule B-1, "ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW," and Schedule B-2, "SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS," and
- (b) those components of the project opposite my initials in Schedule B-2 substantially comply in all material respects with
- (i) the applicable requirements of the Vancouver Building By-law and other applicable enactments respecting safety, not including construction safety aspects, and
- (ii) the plans and supporting documents submitted in support of the application for the *building permit*,
- (c) I am a *registered professional* as defined in the Vancouver Building By-law.

(If the *registered professional* is a member of a firm, complete the following:)I am a member of the firm Golder Associates Ltd.

and I sign this letter on behalf of the firm.

(Print name of firm)

Note: The above letter must be signed by a *registered professional*. The Vancouver Building By-law defines a *registered professional* to mean

- (a) a person who is registered or licensed to practise as an architect under the Architects Act, or
- (b) a person who is registered or licensed to practise as a professional engineer under the Engineers and Geoscientists Act.

MD
CRP's Initials

Please complete and submit this form, along with a cheque (payable to the City of Vancouver, including Development Permit Number on memo line) to the following address:

c/o Permit Extension & Renewal Coordinator
Development Services, West Annex
515 West 10th Avenue
Vancouver, BC V5Z 4A8

To pay in person, please complete and bring this form, along with payment, to concierge at the Development and Building Services Centre (Ground Floor - West Annex, 515 West 10th Avenue).

Date: OCTOBER 1, 2020

Property Address: 1290 EAST 11th AVE. Development Permit #: 2018-00528

I am requesting: ☐ an extension/renewal of the validity ☒ an extension to the time limitation

Considerations
or Rationale
for Request:

ONGOING AIR QUALITY MONITORING
AT THE VANCOUVER-CLARK DRIVE STATION

Contact Name: KEN REID, SUPERINTENDENT, ENVIRONMENTAL
MONITORING

Company Name: METROVANCOUVER, PARKS & ENVIRONMENT

Mailing Address: 4730 KINGSWAY
Address Line 1

METROTOWER 3
Address Line 2

BURNABY BC V5H 0C6
City Province Postal Code

Phone Number: 604-436-6878 Alternate: 604-802-5889

Email Address: KEN.REID@METROVANCOUVER.ORG

INTERNAL USE ONLY

Date Payment Processed: _____ Receipt Number: _____ If applicable,
Cheque # ↓

Amount Received: \$ _____ Staff Initials: _____

Please send original form to Permit Extension & Renewal Coordinator



COMMUNITY SERVICES GROUP
Development Services
453 West 12th Avenue, Vancouver BC V5Y 1V4
tel: 604.873.7611

DE 417593

Development and/or Building Application Form

To help expedite submission of your application, please fill out BOTH pages of this information sheet prior to attending the Application Preview counter located in the Enquiry Centre, 2nd Floor - East Wing.

JOB LOCATION (Correct and complete addressing is important. Complete this section carefully.)

Address: 1290 East 11th Ave Specifics: Proposed temporary air quality station.

Floor Level: _____ Suite No: _____

Legal Description:

Lot(s) 7 Block(s) 159 District Lot(s) 264A Plan Number(s) VAP2697

Are you aware of the presence of any contaminated soils on the subject property? ☐ Yes ☒ No

Are you aware of the existence of any contaminated soils studies, reports, soil agreements, or Ministry of Environment orders or letters with respect to the subject property? ☐ Yes ☒ No

Is the building being converted to strata-title ownership? ☐ Yes ☒ No

Note: If you intend to convert an existing building to strata title ownership, please contact Subdivision and Strata Title staff at 604.871.6627 for information on the strata conversion process in advance of the issuance of any permits.

This area must be completed by the person signing the application form

Your Name: Geoff Doerksen

Mailing Address: 4330 Kingsway

City: Burnaby Postal Code: _____

E-mail Address: geoff.doerksen@metravancouver.org

Phone Number: 604-436-6742 Fax Number: 604-436-6701

Company Name: Greater Vancouver Regional District

Business License Account Number: _____

You are the:

01 ☐ Property Owner
02 ☐ Contractor
03 ☐ Certified Professional
04 ☐ Design Professional
05 ☐ Tenant
06 ☐ Agent for Owner
07 ☐ Agent for Tenant
08 ☐ Consultant
09 ☐ Non-Profit Association
Cert No: _____
10 ☐ Civic Department
98 ☒ Other

Note: Contractors/design professionals/consultants **MUST** have a valid Business Licence to do work in the City of Vancouver. You may obtain current business license account numbers from the Business License Counter.

Complete the following for ALL applications.

Property Owner's Name: <u>City of Vancouver</u>	
Address: <u>453 West 12th Ave</u>	City: <u>Vancouver</u>
Postal Code: <u>V5Y 1V4</u>	Phone Number: _____
Is the owner aware of this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Contractor's Name: _____	
Address: _____	City: _____
Postal Code: _____	Phone Number: _____
Business License Account Number: _____	
Tenant's Name: _____	
Address: _____	City: _____
Postal Code: _____	Phone Number: _____
Job Contact: _____	
Address: _____	City: _____
Postal Code: _____	Phone Number: _____

Please continue application on next page.

This application is to: (Check applicable boxes)

001 ☐ Construct a new building(s)
 002 ☐ Add to an existing building
 003 ☐ Alter the interior/exterior
 004 ☐ Add to a building and alter the existing portion
 005 ☐ Add to a building and change the use
 006 ☐ Add to the building, alter existing portion and change use
 007 ☐ Interior/exterior alterations and change of use
 008 ☐ Enclose an area of an existing building (balcony enclosures)
 011 ☐ Project/Site Permit
 014 ☐ Change of use
 015 ☐ Retain use
 016 ☐ Alter grade (raise or lower grade)
 022 ☐ Alterations to legalize a suite
 023 ☐ Alterations for a new suite
 026 ☐ Demolish
 ☐ Commercial
 ☐ Fire damaged building
 ☐ Non-rental one-family dwelling
 ☐ Heritage building
 ☐ Residential rental building
 028 ☐ Temporary tents
 030 ☐ Construct a garage/carport
 031 ☐ Add/alter/demol garage/carport
 038 ☐ Construct partial - framing, etc.
 040 ☐ Excavate - valid for project address et al.
 041 ☐ Move building from another site
 042 ☐ Move building on the same site
 043 ☐ Install a pool, fence, tennis court, boat ramp, sign, or similar
 044 ☐ Upgrade seismic and/or sprinkler
 045 ☐ Mechanical kitchen exhaust, roof top unit, satellite dish
 046 ☒ Prefabricated structure placed on site
 047 ☐ Fire damage repair
 048 ☐ Flood damage repair
 050 ☐ Landscape only
 053 ☐ Building envelope repair

Is this a new tenant? ☐ Yes ☐ No

What is the existing use? Empty lot

What is the proposed use? Air Quality station

How many storeys? 1

How many levels of underground parking? 0

How many new rooftop units? 0

Describe work to be done:

(Complete carefully. Your application will be based on your written description.)

A temporary air quality monitoring station is proposed to be established and operated at 1290 East 11th Ave. The station will be comprised of a prefabricated structure with the dimensions of 10'x20'. It will have a 30' tower (mast) and air quality instruments inside the shelter.

What is the value of the work proposed? (Include cost of plans, material and labour)
 \$ 50,000

Will any of the following be altered/repared/installed?
 Select all that apply:
☒ Electrical ☐ Gas ☐ Drain Tile
☐ Plumbing ☐ Sprinkler ☐ Fire Alarm

Sprinkler Contractor's Name: _____

Note: If the sprinkler contractor noted on this application changes, please notify the City of Vancouver in writing within 24 hours.

Special Sprinkler Inspection Number SP _____

Complete the following for all residential buildings

	Existing	Proposed
Total number of dwelling units:	<u>0</u>	<u>0</u>
Total number of housekeeping units:	<u>0</u>	<u>0</u>
Total number of sleeping units:	<u>0</u>	<u>0</u>

Complete the following related permit information

Development Permit/Application Number DE _____

Minor Amendment Number DE _____

Building Permit/Application Number BU _____

Board of Variance Appeal Number Z _____

Combined Permit Application Number DB _____

Office Use Only

Office Use Only

Invoice #

DE _____

BU _____

Office Use Only

BU (WWOP?) _____

DE _____

DT _____

BG _____

f/m _____

ENV. PROT. Site Profile _____

SUBTOTAL _____

SP _____

TOTAL _____

As owner or owner's agent, I have verified that the information contained within this document and associated applications and plans is correct, and describes a use, a building or a work which complies with all relevant by-laws and statutes. I understand that personal information contained in this form will not be released to the public except as required by law; however, all associated applications and plans will be made publicly available during the development or building application process. I acknowledge that responsibility for by-law compliance rests with the owner and the owner's employees, agents and contractors. I will indemnify and save harmless the City of Vancouver, its officials, employees and agents against all claims, liabilities and expenses of every kind, in respect to anything done or not done pursuant to this application or fact sheet or ensuing permit, including negligence and/or the failure to observe all by-laws, acts or regulations.

SIGNED AT VANCOUVER, B.C. THIS 15 DAY OF January 20 14

November 14, 2018

c/o Ken Reid
Metro Vancouver Regional District
4730 Kingsway
Burnaby, BC V5H 0C6

Dear Sir/Madam:

**RE: 1290 East 11th Avenue
Development Permit Number DP-2018-00528 (formerly DE417593)**

Thank you for your letter of October 16, 2018, requesting an extension of the Permit time limitation.

As a result of our internal administrative procedures, Development Permit Number DE417593 has been superseded by Development Permit Number DP-2018-00528.

On behalf of the Director of Planning, your request is granted, to retain an approximately 10 foot by 20 foot temporary building for use as an air quality testing station, including one at grade parking space at the rear having vehicular access from the lane, for a further period of time, **expiring on July 12, 2020**, unless extended in writing by the Director of Planning and subject to the following conditions:

- The site has been maintained in a neat and tidy condition;
- In accordance with Protection of Trees By-law Number 9958, the removal and replacement of trees is permitted only as indicated on the approved Development Permit drawings; and
- This development shall comply with the City of Vancouver Noise Control By-law 6555.

Note to Applicant: It is the applicant's responsibility to submit an application for an extension on or before the expiry date, or a new development application will be required.

Katigbak, Veronica

From: Hui, Wilson
Sent: Tuesday, March 18, 2014 4:05 PM
To: Kopy, Vaughan
Subject: DE417593 - 1290 E 11th Ave

The following comments are based on the preliminary drawings prepared by Metro Vancouver Planning, Policy and Environment Department dated on Jan. 16, 2014 for the proposed development permit. This is a preliminary review in order to identify issues which do not comply with the Vancouver Building Bylaw #9419 as amended (VBBL), and includes a review of Subsection 3.2.5. "Provisions for Fire Fighting".

To construct a temporary building on this City owned site, for the purpose of an air quality testing station, for a period of 2 years, expiring on March 19, 2016.

- 1) Sprinklers may require if the proposed building does not meet the exemption as Article 1.3.3.6. (Automatic Sprinkler System).
- 2) Spatial calculation is required on plan.
- 3) Guard height is required to show on plan.
- 4) Geotechnical Engineer may require for soil liquefaction area.
- 5) All new work must meet the current Vancouver Building By-Law.

Rv/w K.A.

* Items marked with an asterisk have been identified as serious non-conforming Building By-law issues.

Written confirmation that the applicant has read and has understood the implications of the above noted comments is required and shall be submitted as part of the "prior to" response.

The applicant may wish to retain the services of a qualified Building Code consultant in case of difficulty in comprehending the comments and their potential impact on the proposal. Failure to address these issues may jeopardize the ability to obtain a Building Permit or delay the issuance of a Building Permit for the proposal.

WILSON HUI, PCIII
PROCESSING CENTER BUILDING
PLANNING & DEVELOPMENT SERVICES
CITY OF VANCOUVER
P. 604-871-6411
F. 604-873-7100
E. WILSON.HUI@VANCOUVER.CA

SCHEDULE C-B

Forming Part of Subsection 2.2.7, Division C of the
Vancouver Building By-law

BU 460991

Building Permit No.

MAR 23 2015

ASSURANCE OF PROFESSIONAL FIELD REVIEW
AND COMPLIANCE

ED LONEY

Building Insp. - Dist. #

- Notes: (i) This letter must be submitted after completion of the project but prior to final inspection by the authority having jurisdiction. A separate letter must be submitted by each registered professional.
- (ii) This letter is endorsed by: Architectural Institute of B.C., Association of Professional Engineers and Geoscientists of B.C., Building Officials' Association of B.C., and Union of B.C. Municipalities.
- (iii) In this letter the words in italics have the same meaning as in the Vancouver Building By-law.

To: The Chief Building Official
City of Vancouver

Name of Jurisdiction (Print)

Re: Structural

Discipline (e.g. Architectural, etc.) (Print)

Temporary Installation of Air Quality Monitoring Station

Name of Project (Print)

1290 East 11th Avenue, Vancouver, BC

Address of Project (Print)

Lot 7 Block 159 Plan VAP2697 District Lot 264A

New Westminster Subsidy Lot D

Legal Description of Project (Print)

(Each registered professional shall complete the following:)

Matthew Dybwad, P.Eng.

Name (Print)

4330 Kingsway

Address (Print)

Burnaby, BC V5H 4G8

(604) 451-6087

Phone No.



(Professional's Seal and Signature)

03/16/2015

Date

I hereby give assurance that

- (a) I have fulfilled my obligations for *field review* as outlined in Subsection 2.2.7, Division C of the Vancouver Building By-law and in the previously submitted Schedule B-1, "ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW," and Schedule B-2, "SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS," and
- (b) those components of the project opposite my initials in Schedule B-2 substantially comply in all material respects with
- (i) the applicable requirements of the Vancouver Building By-law and other applicable enactments respecting safety, not including construction safety aspects, and
- (ii) the plans and supporting documents submitted in support of the application for the *building permit*,
- (c) I am a *registered professional* as defined in the Vancouver Building By-law.

(If the registered professional is a member of a firm, complete the following:)

I am a member of the firm Metro Vancouver

and I sign this letter on behalf of the firm.

(Print name of firm)

Note: The above letter must be signed by a *registered professional*. The Vancouver Building By-law defines a *registered professional* to mean

- (a) a person who is registered or licensed to practise as an architect under the Architects Act, or
- (b) a person who is registered or licensed to practise as a professional engineer under the Engineers and Geoscientists Act.

MD

CRP's Initials

Blackmore, Jessica

From: Martin, Alvin
Sent: Tuesday, November 13, 2018 11:01 AM
To: Blackmore, Jessica
Subject: HPE CM: RE: 1290 E 11th Av - DE417593 (DP-2018-00528) - Extension Request

Record Number: DOC/2018/413062

Jessica;

No issues here.

I'll be glad to have this DP Retention cleared.

Glenn;

Can you refer the Case File back to me so I can close it?

Alvin Martin
Property Use Inspections
City of Vancouver
(604) 873-7511
Alvin.martin@vancouver.ca

From: Blackmore, Jessica
Sent: Wednesday, November 07, 2018 3:08 PM
To: Newman, Andrew; Martin, Alvin
Subject: 1290 E 11th Av - DE417593 (DP-2018-00528) - Extension Request

Hi all,

Ken Reid of Metro Vancouver Regional District has requested an extension of the permit time-limitation of DE417593, to retain the use of a 10 ft. by 20 ft. building on this site, for the purpose of an air quality testing station, for a further period of time.

DE417593 (now transferred to POSSE as DP-2018-00528) was originally issued on March 20, 2014, for a period of two-years. Since then, the permit has been extended once, for a period of two-years.

Conditions of the permit include:

- The site shall be maintained in a neat and tidy condition;
- This development shall comply with the City of Vancouver Noise Control By-law No. 6555.

Andrew, might you be able to let me know when their lease has been negotiated to? I would like to extend to that date.

There are no complaints in POSSE. Any concerns with a further extension

Blackmore, Jessica

From: Newman, Andrew
Sent: Wednesday, November 14, 2018 3:32 PM
To: Blackmore, Jessica
Subject: HPE CM: RE: 1290 E 11th Av - DE417593 (DP-2018-00528) - Extension Request

Record Number: DOC/2018/414498

Hi Jessica

Sorry, I meant to get back to you

The Lease has been extended from July 13, 2018 to July 12, 2020

We would have no concerns with extending the permit in line with this new lease term

Thanks again!

AN

From: Blackmore, Jessica
Sent: Wednesday, November 14, 2018 2:47 PM
To: Newman, Andrew
Subject: RE: 1290 E 11th Av - DE417593 (DP-2018-00528) - Extension Request

Hey Andrew,

Do you mind if I follow-up on this request or if you could direct it to another staff if they oversee this site?

Thanks!

Jessica Blackmore

Permit Extension/Renewal Coordinator | Development Services |
Development, Buildings, and Licensing | City of Vancouver |

E: jessica.blackmore@vancouver.ca | T: 604.873.7717 |



From: Blackmore, Jessica
Sent: Wednesday, November 7, 2018 3:08 PM
To: Newman, Andrew; Martin, Alvin
Subject: 1290 E 11th Av - DE417593 (DP-2018-00528) - Extension Request

Hi all,