

September 29, 2017

Mr. Mark Kopinya Bosa Properties (Riversky Land) Inc. 1201 – 838 West Hastings Street Vancouver, BC V6C 0A6

Dear Mr. Kopinya:

Re: Performance Verification Plan for Certificate of Compliance 1000 Quayside Drive, New Westminster, BC Site ID: 16695 Project No. 11794

1. BACKGROUND

Keystone Environmental Ltd. (Keystone Environmental) has prepared this Performance Verification Plan (PVP) in support of an application for a risk-based Certificate of Compliance (CofC) for the off-site affected parcel listed as 1000 Quayside Drive, New Westminster, BC ("the Site").

The PVP presents additional information to the principal risk management measures (i.e., the Schedule B key risk management controls) that apply and must remain in place at the Site to ensure that the CofC remains valid. The PVP was prepared in accordance with BC Ministry of Environment (MOE) Administrative Guidance 14: Performance Verification Plans, Contingency Plans, and Operations and Maintenance Plans (BC MOE, 2015). The PVP was based on the findings of the following report:

• Keystone Environmental (2017). Report of Findings – Human Health and Ecological Risk Assessment, 1000 Quayside Drive, New Westminster, BC. Dated September 2017.

2. PERFORMANCE VERIFICATION PLAN

2.1 Determination of Remediation Type

Based on the risk management measures for the Off-Site Affected Parcel, the Remediation Type applicable at the Site is considered to be Type 2. Remediation Type 2 sites may require the use of engineering and institutional controls to mitigate/eliminate risks at the Site, but in the event that controls were either not implemented or were implemented but were rendered ineffective, there is a lack of imminent risks.

Suite 320 4400 Dominion Street Burnaby, British Columbia Canada V5G 4G3 Telephone: 604 430 0671 Facsimile: 604 430 0672 info@KeystoneEnviro.com KeystoneEnviro.com Environmental Consulting Engineering Solutions Assessment & Protection Under a Remediation Type 2 (Case 2) scenario, BC MOE (2015) indicates that a PVP is required and that an operations and maintenance plan may be required. A contingency plan is not required.

2.2 Required Risk Controls

The principal risk controls which must be maintained at the Site include the following items:

- Parcels A/B of the Site must remain paved;
- Lot 3 of the Site must remain paved or covered with buildings or landscaped areas, as outlined in the Performance Verification Plan.
- Future landscaping on Lot 3 of the Site must be conducted in accordance with the Performance Verification Plan.

2.3 Required Actions to Implement the Required Risk Controls

The following actions are required to implement the risk controls:

- Mandatory notification provided to the owner/operator of the Site that Parcels A/B of the Site must remain paved.
- Mandatory notification provided to the owner/operator of the Site that Lot 3 of the Site must remain paved or covered with buildings or landscaped areas and that future landscaping of Lot 3 of the Site must be conducted in accordance with the attached landscaping schematic.
- Inspection by a qualified professional that vegetation have been planted in an appropriate root media and contained by planter boxes or geotextile membrane must be done to verify the installation.

Records of these actions should be maintained by the owner of the Site and submitted to the BC MOE if requested. Other reporting requirements for all performance verification records include the following:

- The Director must be notified promptly by the person(s) responsible for the Off-Site Affected Parcel if performance verification actions indicate that any of the required risk controls are not being met. The following information must be submitted to the Director with the notification, or as soon as practicable thereafter:
 - > The time period over which risk controls were not in place or implemented
 - The nature of the excursion(s)
 - > The temporary or permanent corrective measures implemented or to be implemented
 - > An implementation schedule
 - Supporting documentation
- If requested by the Director, a report signed by an Approved Professional must be submitted for review to the Director and must include the following (as applicable):
 - > An evaluation of the performance of the institutional controls
 - Supporting documentation



2.4 Summary Rationale

Pavement Condition

Groundwater contamination greater than the Contaminated Sites Regulation (CSR) Schedule 6 Aquatic Life (AW) standards is present on the Parcels A/B. Residual soil contamination greater the CSR Schedule 5 standards is present on Lot 3 and on Parcels A/B. Residual soil and groundwater contamination are presently covered under pavement. The areas requiring a paved surface are presented in the attached metes and bounds figure.

Landscaping Condition

The Site development plan indicates that landscaped vegetation and sidewalks would be placed on Lot 3. The extent of landscaped vegetation is presented in the attached metes and bounds figure. The risk assessment assumed that future vegetation would be placed nursery grade soils in planter boxes or in a suitable rooting media with geotextile membrane (as specified the attached landscaping detail) to limit plant root contact with identified soil or groundwater contamination. Future vegetation may not be planted direct in Site soils. Residual soil or groundwater contamination must remain under sidewalks, buildings or a paved surface to mitigate potential human or ecological exposures. Verification by a qualified professional that landscaped vegetation have been planted in appropriate rooting media and contained by a planter box or geotextile membrane are presented in the attached metes and bounds figure.

2.5 Conclusion

It is our opinion that the actions identified above are sufficient to ensure performance verification of the risk controls required for the Site.

3. GENERAL LIMITATIONS AND CONFIDENTIALITY

The findings presented in this report are based upon the field work conducted by Keystone Environmental for Bosa Properties. Keystone Environmental has prepared this document in good faith and has relied upon information provided by others. Keystone Environmental has assumed that the information provided by third parties is both complete and accurate.

This report was completed in a manner consistent with that level of care and skill normally exercised by other environmental professionals, practicing under similar circumstances in the same locale at the time of the performance of the work.

This report has been prepared solely for the internal use of Bosa Properties and the review by the BC MOE, pursuant to the agreement between Keystone Environmental Ltd. and Bosa Properties. By using this report, Bosa Properties and the BC MOE agree(s) to review this report in its entirety. Keystone Environmental accepts no responsibility, and denies any liability whatsoever, to parties other than Bosa Properties and the BC MOE, who may obtain access to this report for any injury, loss or damage suffered by such parties arising out of, reliance upon,



or decisions or actions based on this report, except to the extent those parties have obtained a prior written consent of Keystone Environmental to use and rely upon this report and the information contained herein. Any use, reliance or decisions made based on this report by other parties without prior written approval by Keystone Environmental are the responsibility of such parties and Keystone Environmental accepts no responsibility for damages, if any, suffered by other parties as a result of decisions made or actions based on this report. The findings presented herein should be considered within the context of the scope of work and project terms of reference. The findings are time sensitive and are considered valid at the time this report was produced. The conclusions and recommendations contained in this report are based upon applicable guidelines, regulations, and legislation existing at the time this report was produced; consequently, any changes in the regulatory regime may alter the conclusions and/or recommendations.

4. CLOSURE

The opinions, advice and recommendations expressed in this performance verification plan are made in accordance with generally accepted principles and practices as recognized by members of the applicable profession or discipline practising at the same time and in the same or similar locations.

If you have any questions, please do not hesitate to contact the signatories below.

Sincerely,

Keystone Environmental Ltd.

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Brett Lucas, M.Sc., R.P.Bio. Risk Assessor

Adam J. Radlowski, M.Sc., R.P.Bio. Senior Environmental Risk Assessor

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ATTACHMENTS:

- Metes and Bounds Figure
- Landscape Detail



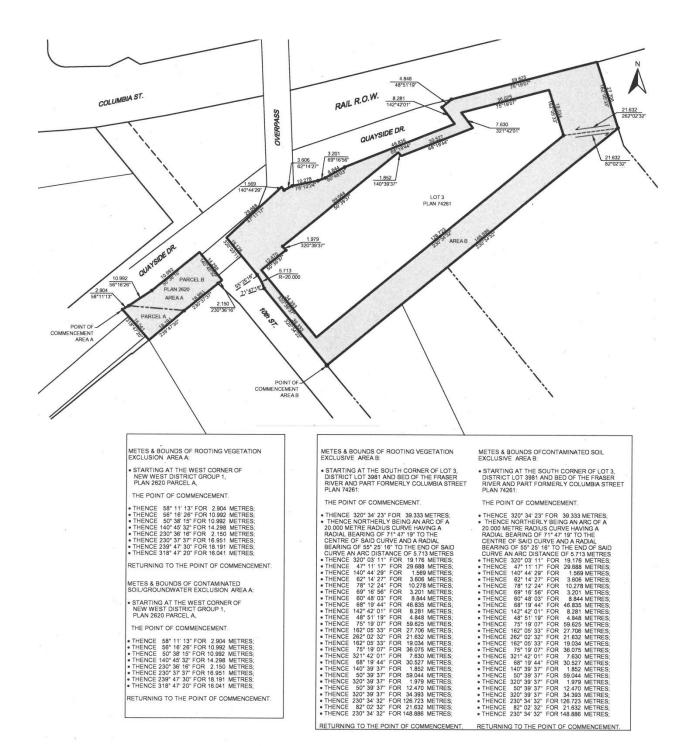
5. REFERENCES

- BC MOE (2015) British Columbia Ministry of Environment. Environmental Protection Division. Administrative Guidance 14 on Contaminated Sites: Performance Verification Plans, Contingency Plans, and Operations and Maintenance Plans. (Version 3.0). December 2015.
- Keystone Environmental (2017). Report of Findings Human Health and Ecological Risk Assessment, 1000 Quayside Drive, New Westminster, BC. Keystone Environmental Ltd. Dated September 2017.



METES AND BOUNDS FIGURE





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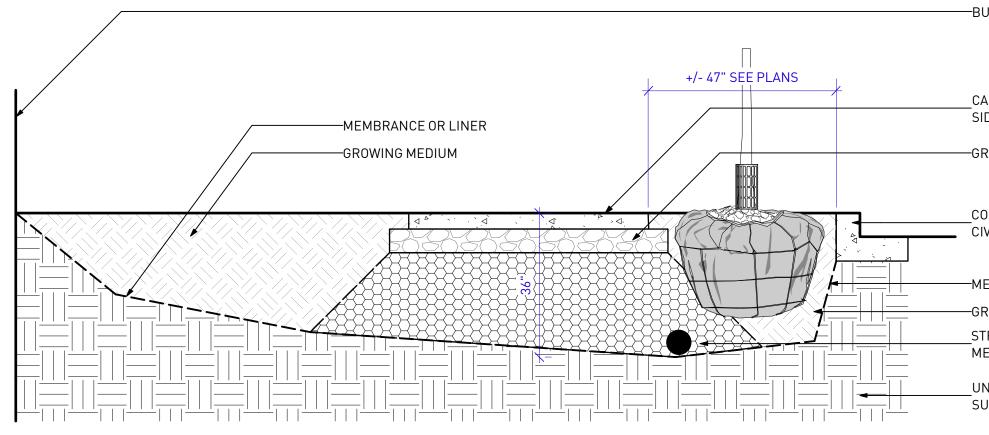
SCALE: (approx.)

LEGEND

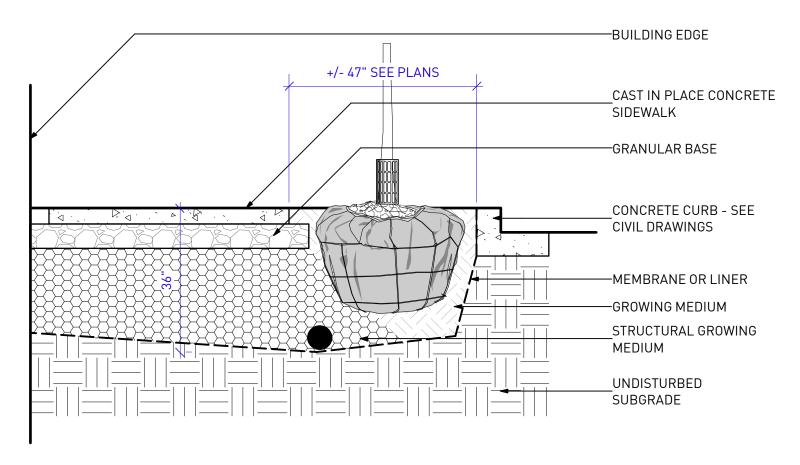
PROPERTY LINE
METES & BOUNDS

LANDSCAPING DETAIL

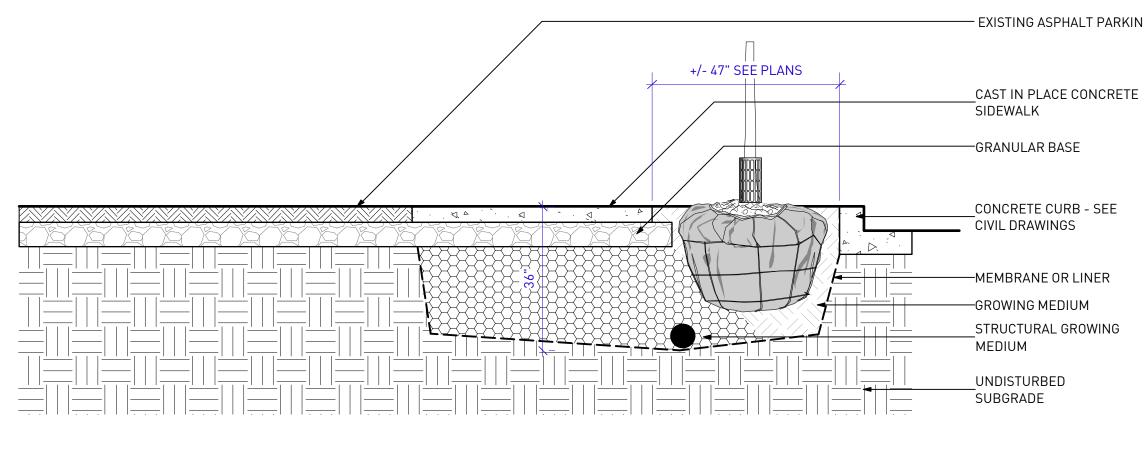








STRUCTURAL SOIL AND LINER DETAIL ALONG QUAYSIDE DRIVE - EAST OF BREEZEWAY 2 Scale: 1/2" = 1'-0"



STRUCTURAL SOIL AND LINER DETAIL ALONG QUAYSIDE DRIVE - WEST OF BREEZEWAY 3 Scale: 1/2" = 1'-0"

STRUCTURAL GROWING MEDIUM UNDISTURBED SUBGRADE

- EXISTING ASPHALT PARKING AREA

SUBGRADE

UNDISTURBED

-GROWING MEDIUM STRUCTURAL GROWING MEDIUM

CONCRETE CURB - SEE CIVIL DRAWINGS

-GRANULAR BASE

CAST IN PLACE CONCRETE SIDEWALK

-BUILDING EDGE



Date

March 20, 2015 Check Set

Issue / Revisions January 6, 2015 Issued for Coordination January 30t 2015 Issued for IFT Check-set 2 April 17, 2015 Progress Set Issued for Tender

NOTE: FOR REFERENCE ONLY Seal





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Project

QUAYSIDE DRIVE NEW WESTMINSTER BRITISH COLUMBIA

Sheet Title

TYPICAL DETAILS

Project Number 13103 Scale

Sheet Number L5.05