

Council Report For the Meeting of September 10, 2015

To:

Council

Date:

August 27, 2015

From:

Jonathan Tinney, Director, Sustainable Planning and Community Development

Subject:

Development Permit with Variances Application No. 000409 for 370 and 384

Harbour Road

RECOMMENDATION

That Council receive this report for information and that after giving notice and allowing an opportunity for public comment and after the Public Hearing for Rezoning Application No. 00478, if it is approved, Council consider the following motion which has been updated to remove preconditions that have been satisfied:

"That Council authorize the issuance of Development Permit Application No. 000409 for 370 and 384 Harbour Road for the subdivision of land and construction of two multi-unit residential buildings in accordance with:

- 1. Plans date stamped March 31, 2015.
- 2. Development meeting all *Zoning Regulation Bylaw* requirements, except for the following variances:
 - a. permit residential uses on the ground floor of a building;
 - b. permit residential units to face Harbour Road without a building buffer.
- 3. Final plans in accordance with the plans identified above to the satisfaction of staff.
- 4. The Development Permit lapsing two years from the date of this resolution."

EXECUTIVE SUMMARY

The purpose of this report is to inform Council that, in accordance with Council's motion of May 28, 2015 (attached), the applicant has addressed the pre-conditions that Council set in relation to the Application as follows:

- A Section 219 Covenant has been registered on title to secure the noise mitigation measures as described in the report from Wakefield Acoustics dated March 31, 2015.
- The Application was referred to an Advisory Design Panel meeting on June 24, 2015. A
 copy of the Panel minutes and the applicants' detailed response to the Panel
 recommendations (dated July 7, 2015) are attached to this report.

Respectfully submitted,

Jim Handy, Senior Planner – Development Services, Development Services Division Alison Meyer, Assistant Director, Development Services Division Jonathan Tinney, Director Sustainable Planning and Community Development

Sept. 2,2015

Report accepted and recommended by the City Manager:

Jason Johnson

Date:

List of Attachments

- PLUC Report dated May 14, 2015
- PLUC Minutes dated May 28, 2015
- Council Minutes dated May 28, 2015
- Advisory Design Panel Minutes
- Letter from applicant dated July 7, 2015
- Revised plans dated July 7, 2015
- Section 219 Covenant to secure noise mitigation measures.



Planning and Land Use Committee Report For the Meeting of May 28, 2015

To:

Planning and Land Use Committee

Date:

May 14, 2015

From:

Mike Wilson, Senior Planner - Urban Design, Development Services Division

Subject:

Development Permit with Variances Application No. 000409 for 370 and 384

Harbour Road

RECOMMENDATION

Staff recommend that Committee forward this report to Council and that after giving notice and allowing an opportunity for public comment and after the Public Hearing for Rezoning Application No. 00478, if it is approved, Council consider the following motion:

"That Council authorize the issuance of Development Permit Application No. 000409 for 370 and 384 Harbour Road for the subdivision of land and construction of two multi-unit residential buildings in accordance with:

- 1. Referral to the Advisory Design Panel with particular attention to the following issues:
 - The quality of the exterior materials and their arrangement on the proposed buildings with respect to highlighting the marine and industrial design influences referenced in the guidelines;
 - b. The relationship between the residential unit entries and both the mews and greenway with specific attention to design details that promote pedestrian-friendly streetscapes and pedestrian pathway connections.
- Preparation of a legal agreement to ensure the recommended noise mitigation measures as described in the report from Wakefield Acoustics dated March 31, 2015 are installed and maintained.
- 3. Plans date stamped March 31, 2015.
- 4. Development meeting all Zoning Regulation Bylaw requirements, except for the following variances:
 - a. permit residential uses on the ground floor of a building;
 - b. permit residential units to face Harbour Road without a building buffer.
- 5. Final plans in accordance with the plans identified above to the satisfaction of staff.
- 6. The Development Permit lapsing two years from the date of this resolution."

LEGISLATIVE AUTHORITY

In accordance with Section 920(2) of the Local Government Act, Council may issue a Development Permit in accordance with the applicable guidelines specified in the Official Community Plan. A Development Permit may vary or supplement the Zoning Regulation Bylaw but may not vary the use or density of the land from that specified in the bylaw.

Pursuant to Section 920(8) of the *Local Government Act*, where the purpose of the designation is the revitalization of an area in which a commercial use is permitted, a Development Permit may include requirements respecting the character of the development, including landscaping, and the siting, form, exterior design and finish of buildings and other structures.

EXECUTIVE SUMMARY

The purpose of this report is to present Council with information, analysis and recommendations for a Development Permit Application for the property located at 370 and 384 Harbour Road. The proposal is to construct two separate three-storey buildings with a total of 49 residential dwelling units. The proposal has been evaluated for consistency with Design Guidelines for the Dockside Area.

BACKGROUND

Description of Proposal

The proposal is to construct two separate three-storey buildings with a total of 49 residential dwelling units. Exterior materials include:

- vertical metal cladding
- vertical standing seam metal cladding
- horizontal metal cladding that reads as wood siding
- sealed concrete
- fibre cement board.

The proposed variances are to:

- permit ground-floor residential uses
- allow residential units to be constructed without a buffer of another building between them and Harbour Road.

Sustainability Features

As indicated in the applicant's letter dated March 31, 2015 the following sustainability features are associated with this Application:

- connection to the Dockside Green District Energy Utility
- ultra-low flow plumbing fixtures
- connection to Dockside Green waste water treatment plant
- low off-gas building materials
- improved ventilation for suites
- use of locally sourced materials.

Active Transportation Impacts

The Application proposes the following features which support active transportation:

- the provision of 49 bicycles with a minimum value of \$200 each for tenants of the building
- the provision of 49 enclosed bicycle parking stalls.

Data Table

The following data table compares the proposal with the CD-9 Zone. An asterisk is used to identify where the proposal is less stringent than the existing zone.

Zoning Criteria	Proposal		Zone Standard CD-9
	Building R-4	Building R-5	
Site area (m²) - minimum	1304.00		n/a
Density (Floor Space Ratio) - maximum	0.63:1		n/a
Total floor area – DA-D (m²) - maximum	5030.60 (existing and proposed)		16 570.00
Height (m) - maximum	8.57	8.56	26.51
Storeys - maximum	3	3	3
Site coverage % - maximum	27.57		n/a
Open site space % - minimum	49.03		n/a
Parking - minimum	7		0
Visitor parking (minimum) included in the overall units	1		1
Bicycle parking stalls (minimum)	19	30	49
Location of Residential Use	Ground Floor*	Ground Floor*	2 nd Storey or higher
Buffer Building	Partial Buffer*	No Buffer*	Buffer Required

Relevant History

A Master Development Agreement (MDA) is registered on the title of the subject lands. This requires, at the Development Permit stage, the provision of a pest management plan, an acoustical assessment, and the provision of transportation demand management measures. These items are discussed in the Analysis section of this report.

Community Consultation

Consistent with the Community Association Land Use Committee (CALUC) Procedures for Processing Rezoning and Variances Applications, the Application was referred for a 30-day comment period to the Victoria West CALUC. At the time of writing this report, a letter from the CALUC had not been received.

This Application proposes variances, therefore, in accordance with the City's Land Use Procedures Bylaw, it requires notice, sign posting and a meeting of Council to consider the variances.

ANALYSIS

Development Permit Area and Design Guidelines

The Official Community Plan (OCP) identifies this property within Development Permit Area 13, Core Songhees. The applicable design guidelines are the Design Guidelines for the Dockside Area. The guidelines provide site-wide design guidelines as well as guidelines specific to each sub area.

The applicant proposes a three-storey multi-unit residential building that abuts the slope of the existing greenway. Lower-level units are accessed from the mews (east) while units on levels two and three are accessed from the greenway (west). Each unit has direct access to the outside through the provision of a front door.

Key guidelines relate to the provision of pedestrian-friendly streetscapes, individual unit entrances and consideration of Crime Prevention Through Environmental Design (CPTED) principles. Each of the buildings present multiple unit entrances toward the mews and greenway. The applicant proposes a variety of exterior materials including metal panelling and concrete fibre board. The applicant has proposed five types of metal cladding which vary with respect to texture and reveals. The Application of these materials is deployed in a manner that breaks up the long horizontal extent of each building structure through fine detailing and colour. This is particularly relevant on the east elevation of each of the buildings. On the west elevations, the applicant proposes various shades of fiber cement panels which are accented with stained wood boards. Unit entries are highlighted with brightly coloured doors and soffit mounted lighting. The applicant proposes to break up the horizontal extent of this façade through the provision of projecting bays. These bays will be further defined with individual private patios that are accessible on level two.

The guidelines recommend that architecture in this area should recall the industrial and marine influences with regard to colour selection, materials and form. Staff recommend that Council consider referring this Application to the Advisory Design Panel with specific attention to:

- the quality of the exterior materials and their arrangement on the proposed buildings with respect to highlighting the marine and industrial design influences referenced in the guideline
- the relationship between the residential unit entries from both the mews and greenway with specific attention to design details that promote pedestrian-friendly streetscapes and pedestrian pathway connections.

Siting of Residential Uses and Noise Mitigation Measures

The two variances associated with this Application are both related to siting of residential uses. In accordance with the Master Development Agreement, the applicant has submitted a Noise Mitigation Report prepared by a Professional Engineer in support of this Development Permit Application. This report also provides support for the proposed variances. A copy of the study is attached to the report.

The consultant conducted noise sampling measurements at various times in the fall of 2014. The intent of the report is to determine what, if any, noise mitigation measures should be incorporated into the building design to mitigate noise from adjacent marine industrial uses on Harbour Road.

The following noise mitigation measures are recommended to be included in the proposed development:

- installation of double-glazed, Low E, argon-filled windows having a Sound Transmission Class Rating of approximately STC 30. Such windows when closed will reduce average outdoor noise levels to achieve interior levels of 35 dBA or less
- strategic installation of windows so that they open away from dominant noise sources
- provision of constant ventilation via a dual-speed fan in each home, allowing for continuous fresh air even when windows are closed
- requiring a minimum of R20 thermal insulation in building walls
- · Requiring a majority of bedrooms to be located on west sides of buildings.

Staff have reviewed the report and recommend for Council's consideration that Council accept the proposed mitigation measures and direct staff to secure their installation and maintenance through a legal agreement.

Pest Management Plan

In accordance with the Master Development Agreement, the applicant has submitted a Pest Management Plan in support of this Development Permit Application. A copy of the plan is attached to this report.

Transportation Demand Management Measures

In accordance with the Master Development Agreement, the applicant will be providing the following Transportation Demand Management measures:

- forty-nine bicycles with a minimum value of \$200 each for tenants of the buildings
- forty-nine enclosed bicycle parking stalls
- a car-share membership to a maximum value of \$500 per membership
- a bus pass subsidy of \$15 per month to the British Columbia Transit Authority for three years beginning at occupancy of the buildings.

CONCLUSIONS

The proposal is to construct two separate three-storey buildings with a total of 49 residential dwelling units. The proposal has been evaluated for consistency with Design Guidelines for the Dockside Area. The guidelines recommend that architecture in this area should recall the industrial and marine influences with regard to colour selection, materials and form. Staff recommend for Council's consideration that Council consider referring this Application to the Advisory Design Panel.

A noise mitigation report has been completed which recommends several building elements that will help mitigate potential noise concerns and will help alleviate the possible effects of allowing the construction of the residential units at-grade and without the benefit of a building buffering them from neighbouring commercial and industrial uses. The recommendation provided for Council's consideration contains language to ensure that these features are secured by a legal agreement.

ALTERNATE MOTION

That Council decline Development Permit with Variances Application No. 000409 for the property located at 370 and 384 Harbour Road.

Respectfully submitted,

Mike Wilson

Senior Planner – Urban Design Development Services Division Alison Meyer, Assistant Director

Sustainable Planning and Community Development

Andrea Hudean Acting Direct

Andrea Hudson, Acting Director Sustainable Planning and Community Development

Report accepted and recommended by the City Manager:

Jason Johnson

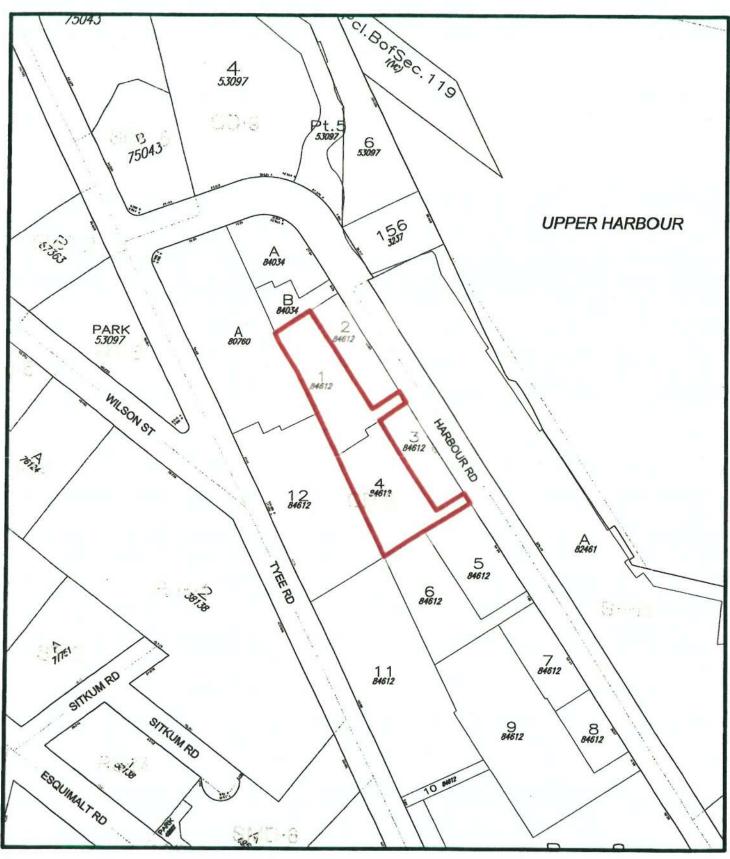
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List of Attachments

- Aerial Map
- Zoning Map
- Plans date stamped March 31, 2015
- Report from Wakefield Acoustics dated March 31, 2015.





370 and 384 Harbour Road Rezoning #00478 Bylaw #

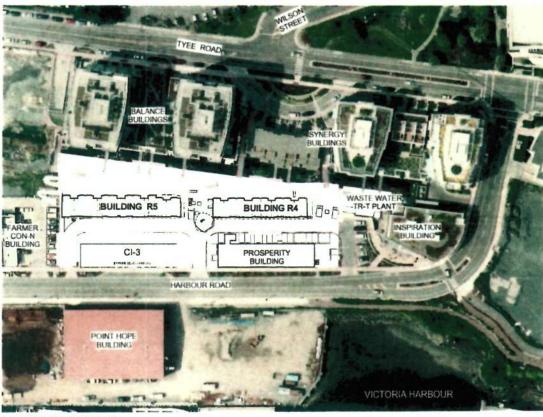






370 and 384 Harbour Road Development Permit #000409





2 LEGAL LOT PLAN

PLAN VISITOR

STRATA PLAN VISS783

PROPOSED LAND USE

DOCKSIDE GREEN

370 HARBOUR ROAD

PLAN VIP 84612 LOT 4

PROPOSED SUBDIVISION OF LOT 8, PLAN VIPA604, LOT 1, PLAN VIPA612 AND LOT 4, PLAN VIPA612, ALL WITREN

EXTENT OF FUTURE SUBDIVISION IGREENWAY TO BE SUBDIVIDED AS SEPARATE LOT)

- LOTS BEING CONSOLIDATED --

ROND

PLAN VIPB4612

Proposed Subdivision Plan

384 HARBOUR ROAD

PLAN VIP 84612 LOT 1 EXISTING PROPERTY LINE

-WSP

File: 010047118-8DCD64-R01

SITE - CONTEXT PLAN

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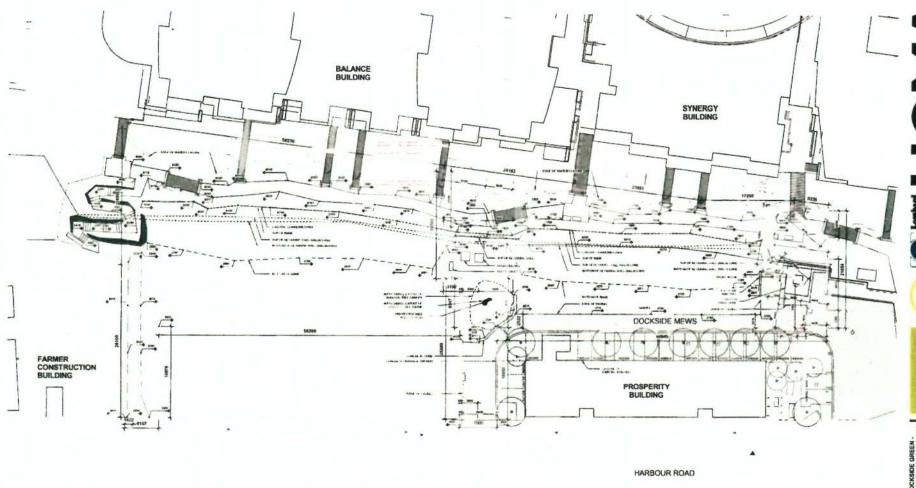


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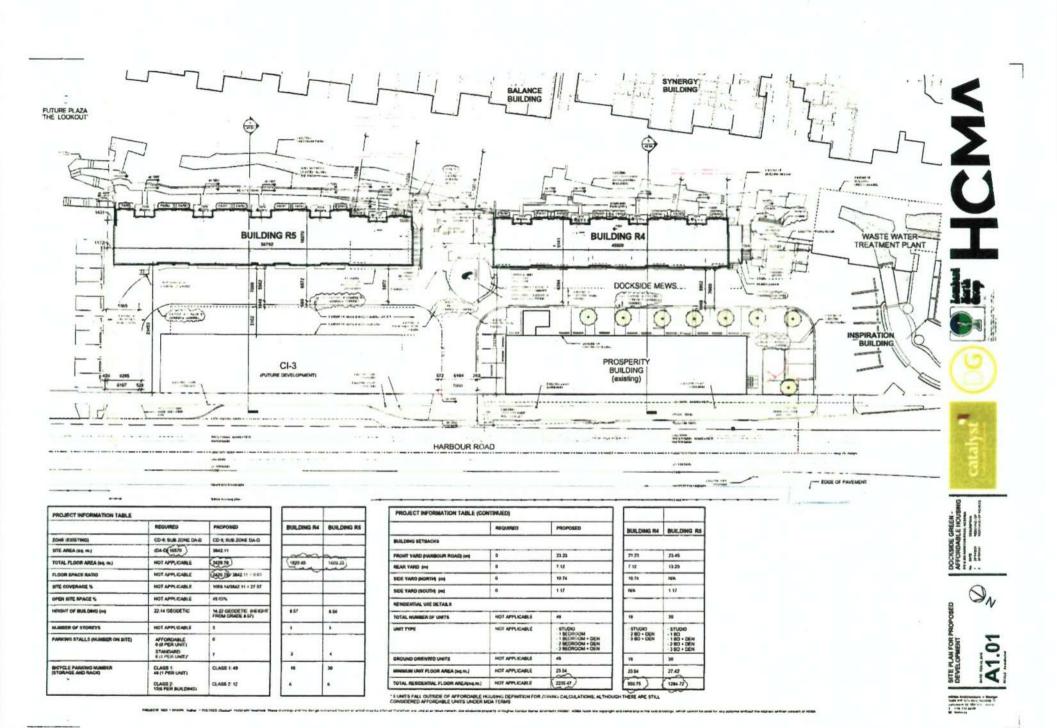
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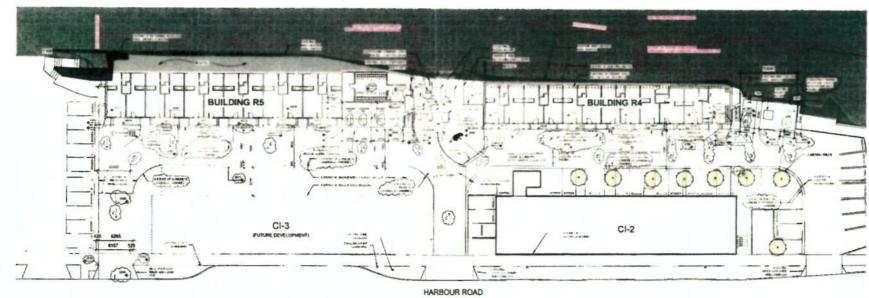
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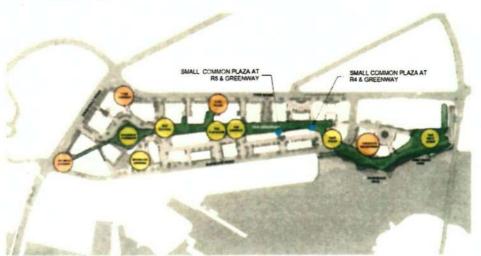


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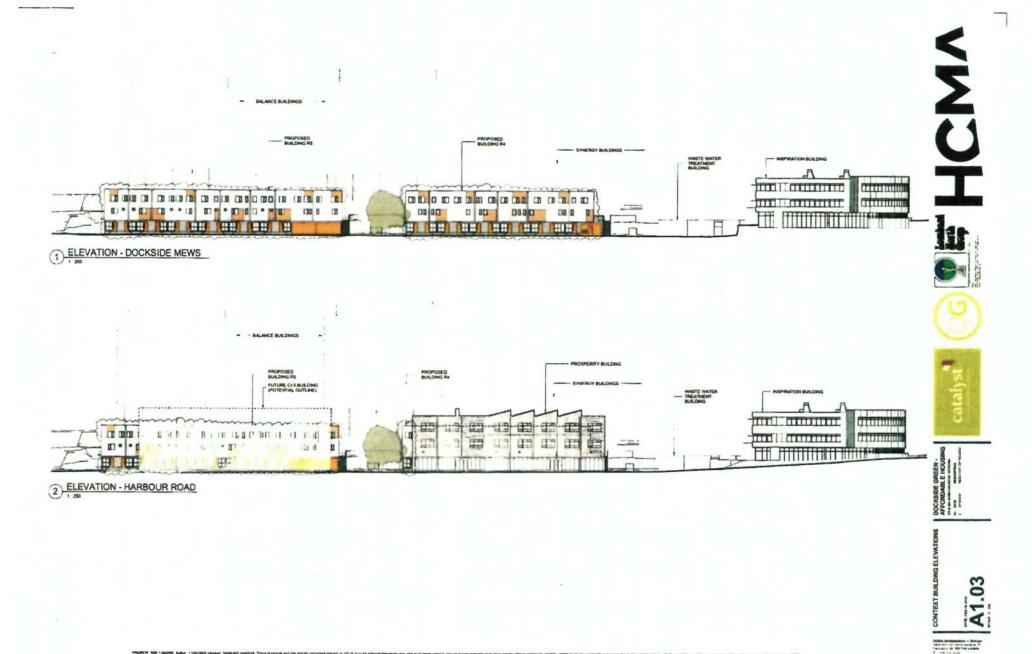
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DOCKSIDE GREEN - PROPOSED MASTERPLAN - PUBLIC REALM



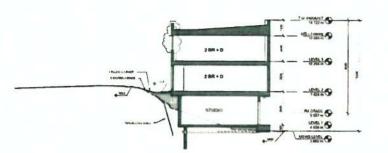




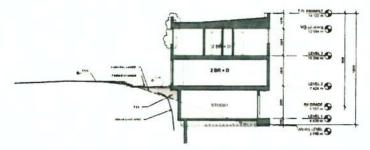








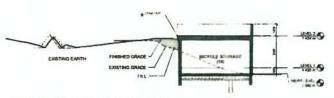
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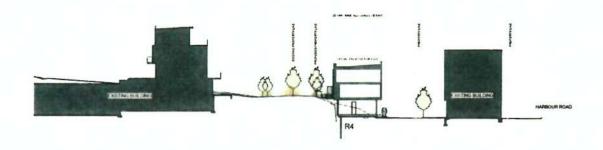
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3 SECTION - BUILDING R4 at GL 4.8



SECTION - BUILDING R4 at GL 4.9



5 SITE SECTION - BUILDING R4

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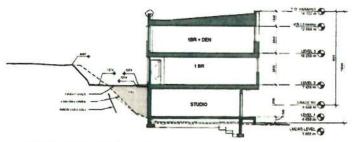




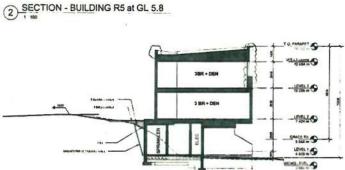


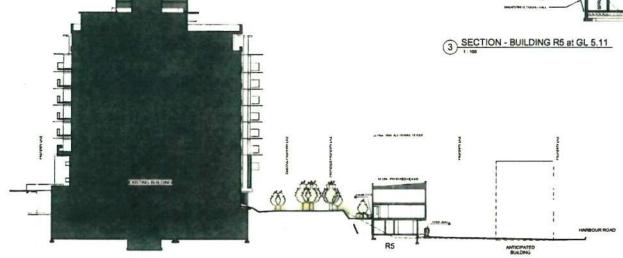
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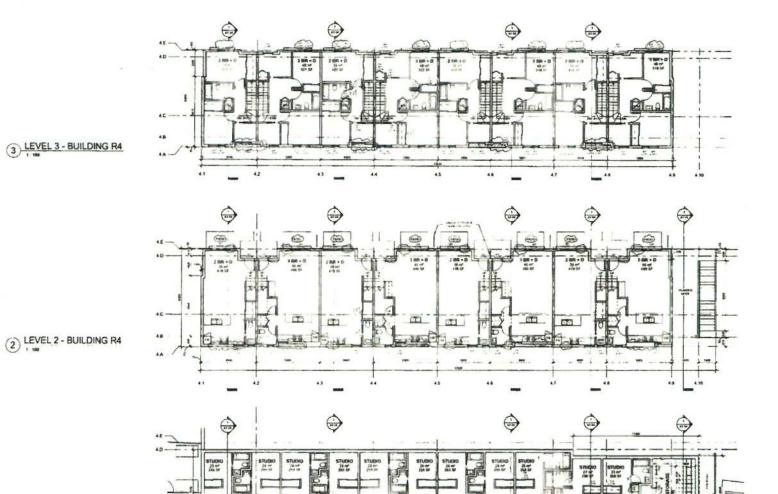




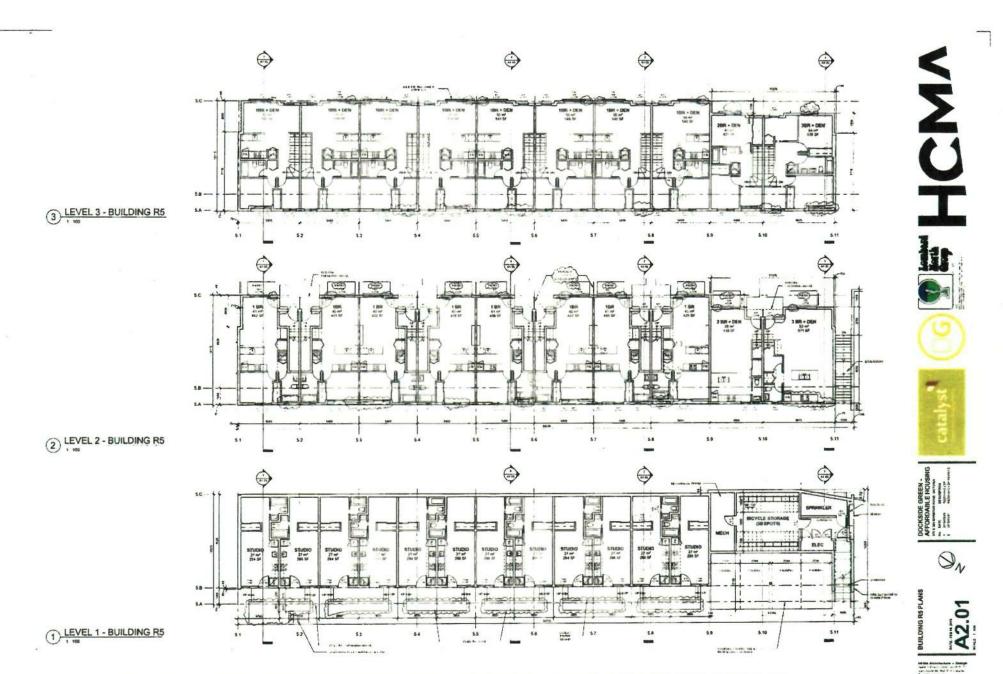
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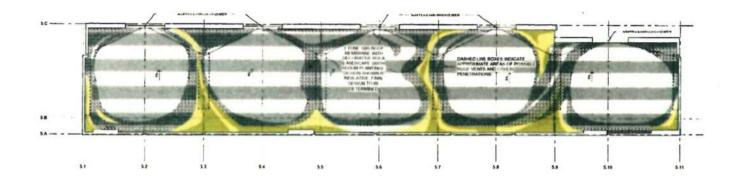


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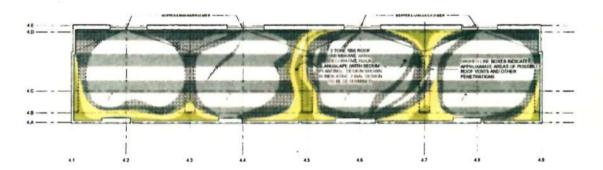


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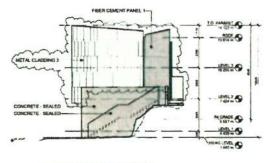


1 ROOF - BUILDING R5



2 ROOF - BUILDING R4

1) R4 SOUTH ELEVATION



3 R4 NORTH ELEVATION



2 R4 EAST ELEVATION



4 R4 WEST ELEVATION

BUILDING R4

PERMETER OF BUILDING R4 - 110122 AVERAGE GRADE FOR BUILDING RA - 1557 MATERIALS WALLS

SEALED CONCRETE:

SEALED CONCRETE AS FINISH AND STRUCTURE

SCREENING:
-METAL CLADDING 5: GAME AS METAL CLADDING 1: PERFORATED













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ACOUSTICAL ASSESSMENT

Prepared For: Catalyst Community Developments Society

March 31, 2015



File No: 14-1998-1

Document Revision Log

Version	Date	Author	Reviewed by
V1 (draft)	February 19, 2015	C. Wakefield	
V2 (final)	February 20, 2015	C. Wakefield	A. Williamson
V3 (revised final)	March 31, 2015	C. Wakefield	



EXECUTIVE SUMMARY

This noise assessment has examined the current and anticipated future noise environments at the site of an affordable housing project planned by the Catalyst Community Developments Society on Harbour Road within Dockside Green along the western shore of Victoria's Inner Harbour. The site is located on the west side of Harbour Road between the Johnson Street and Bay Street Bridges. As such the site is exposed to noise from traffic on Harbour Road as well as, at its northern end, noise from traffic on the Bay Street Bridge. Noise is also created by activities at the Point Hope Shipyards located on the eastern side of Harbour Road.

The Dockside Green MDA requires that residential developments provide indoor noise environments in compliance with Canada Mortgage and Housing thresholds, the most relevant of which is a 24-hour equivalent noise level, or $L_{eq}(24)$ of 35 dBA, for bedrooms. The CMHC indicates that this interior noise objective will be achieved in typical residential situations (with windows open slightly for ventilation) provided that outdoor noise levels at the building facade do not exceed $L_{eq}(24)$ 55 dBA.

Wakefield Acoustics Ltd. (WAL) conducted baseline noise monitoring over a 48-hour period at three locations (see Figure 1) from October 22 to 24, 2014. This monitoring has shown that current daily average noise exposures were $L_{eq}(48)$ 54.9 dBA at monitoring Site 1 (representing the northern half of building R4), 53.5 dBA at Site 2 (representing the southern end of building R4), and 51.9 dBA at Site 3 representing building (R5).

The potential for growth in overall noise levels in the study area over time is considered very limited. Harbour Road traffic is expected to continue to be light (since nearby Tyee Road provides a more convenient route for through traffic) and any significant growth in traffic on the Bay street Bridge would be expected to be accompanied by further, more prolonged periods of congestion, with associated reductions in traffic noise emissions compared to free-flowing traffic conditions. Currently barge breaking activities occur infrequently at the shipyards but it is possible that the rate of occurrence could increase in future.

Noise levels to be experienced at the western facades of the two affordable housing buildings will be less than $L_{eq}(24)$ 55 dBA. Noise levels to be experienced at the eastern facades of the southern building R5, and the southern end of the northern building R4, are expected to be less than $L_{eq}(24)$ 55 dBA, both in the year of their completion and in the foreseeable future., Noise levels to be experienced over the majority of the eastern facade of building R4 are expected to be slightly (not more than 1 dBA) above $L_{eq}(24)$ 55 dBA. This minor exceedance would be mitigated by using standard double glazed windows that hinge along their northern edges so as to open away from the dominant noise sources located to the northeast (Bay Street bridge traffic and industrial activity).



During periods of barge breaking, the required indoor noise level can be achieved by closing the windows. This may be done comfortably because the buildings will be continuously ventilated by dual speed fans in each unit which will provide fresh air on an ongoing basis.

In summary, the noise levels that are expected to be achieved at Buildings R4 and R5 are as indicated in the following table.

Exterior and Interior Noise Levels to be Achieved at Buildings R4 and R5.

Location/Scenario	MDA Noise Level Targets (Outdoors)	Outdoor Noise Levels without Mitigation	Mitigation Measures	Noise Levels in Bedrooms with Mitigation Measures
Western Facades of R4 & R5	55 dBA	< 55 dBA	Not Required	≤ 35 dBA
Eastern Facades of R5 and Southern end of R4	55 dBA	< 55 dBA	Not Required	≤ 35 dBA
Eastern Facade of Majority of R4	55 dBA	55 to 56 dBA	Double-glazed windows; closed or opened from northern edge	≤ 35 dBA
Barge Breaking ¹	55 dBA	60 – 62 dBA	Standard windows; closed, constant ventilation	≤ 35 dBA

^{1.,} occurs infrequently.

The following measures will be taken to mitigate noise at the development:

- Installation of double-glazed, Low E, argon-filled windows having a Sound Transmission Class Rating of approximately STC 30. Such windows when closed will reduce average outdoor noise levels so as to achieve interior levels of 35 dBA or less,
- Strategic installation of windows so that they open away from dominant noise sources,
- Provision of constant ventilation via a dual-speed fan in each home, allowing for continuous fresh air even when windows are closed.
- · Minimum of R20 thermal insulation in building walls,
- Majority of bedrooms located on west sides of buildings.



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LIST OF ACRONYMS

Abbreviation/Acronym	Explanation		
ANSI	American National Standards Institute		
BATNEEC	Best Available Techniques Not Entailing Excessive Cost		
BC	British Columbia		
dB	Decibel		
dBA	A-weighted decibel		
EA	Environmental Assessment		
Hz	Hertz		
Km	Kilometre		
Kph	Kilometres per hour		
L _{AFmax}	Maximum A-weighted, fast time constant sound level		
L _d	Daytime (7:00 to 22:00) equivalent sound level		
L _{dn}	Day-night equivalent sound level		
L _{eq}	Equivalent sound level		
L _n	Night time (22:00 to 7:00) equivalent sound level		
L ₉₀	Noise level exceeded 90% of the time (background noise)		
M	Metre		
MDA	Master Development Agreement		
MT	Metric tonnes		
S	Second		
SEL	Sound Exposure Level		
SWL	Sound power level		
WAL	Wakefield Acoustics Ltd.		



1.0 INTRODUCTION

1.1 Background

In October 2014, Wakefield Acoustics Ltd. (WAL) was requested by the Catalyst Community Developments Society to conduct an investigation into the current (baseline) noise environment on the site of the Society's planned Affordable Housing Development within Dockside Green in downtown Victoria, B.C. This housing development is to be located on west side of Harbour Road, to south of the Bay Street Bridge and to the east of Tyee Road. The building site is on the west side of Harbour Road and future residences will face eastwards towards the Inner Harbour but also towards Point Hope Shipyards. The future housing site is therefore surrounded by sources traffic and industrial noise. However, existing multi-storey buildings to the west and east will provide noise shielding for the site.

The purpose of this investigation has been to document the current noise environment over the site, consider any potential changes in noise that may occur over the site within the decade following completion, compare present and future noise levels with the noise exposure limits specified in the Dockside Green Master Development Agreement (MDA), and comment on the need for any noise control measures.

1.2 Scope

The major tasks which have gone into this investigation have been as follows:

- Continuous monitoring of baseline noise levels at three locations on the site over a 48hour period;
- Assessment of the representativeness of the measured baseline noise levels;
- Assessment of the potential for noise levels over the site to increases in future.
- Comparison of noise levels with requirements of the MDA;
- · Recommend noise control measures as appropriate; and
- Summarize the acoustical investigation in an engineering report.



2.0 METHODOLOGY

2.1 Baseline Noise Monitoring

2.1.1 Noise Monitoring Dates, Equipment and Locations

Baseline noise monitoring was conducted at three locations (sites) on the proposed housing site over a 48-hour period from Wednesday, October 22 to Friday, October 24, 2014. The monitoring was conducted using one Larson Davis Type LXT and two Larson Davis Type 812 precision sound level meters. These devices continuously sample ambient noise levels and produce full statistical descriptions of the noise environments at 15 minute intervals. The sound level meters were calibrated before and after the noise monitoring session using a Larson Davis C250 Precision Acoustic Calibrator.

The locations of the three noise monitoring sites are shown in Figure 1.

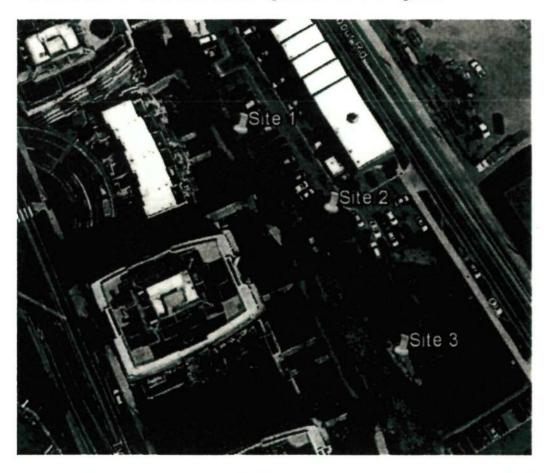


Figure 1; Locations of Baseline Noise Monitoring Sites 1, 2 and 3 (Tyee Road to the left and Harbour Road to the right).



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Site 1, the most northerly monitoring site, was located directly behind (west of) an existing three-storey building on Harbour Road and as such was expected to receive substantial shielding from noise created by Harbour Road traffic and activities at Point Hope Shipyards. Site 2 was located near the southern end of the three-storey Harbour Road building and, as such, would be expected to receive only minor noise shielding from this building. Site 3 was located in the middle of the southern portion of the proposed development, a location in which no buildings currently exist along Harbour Road and, as such, no significant shielding was provided against Harbour Road traffic noise nor Point Hope Shipyard noise.

2.1.2 Community Noise Metrics

The primary noise metric collected was the Equivalent Sound Level (see Glossary), or L_{eq} . When the L_{eq} is measured over a 24-hour period, the 24-hour Equivalent Sound Level, or L_{eq} (24), id obtained. The L_{eq} (24) is the noise metric utilized in the City's Dockside Green MDA. The monitoring also provided other community noise descriptors, some of which have been plotted along with L_{eq} in the 24-hour noise level histories (two for each site) presented in Appendix B. The additional noise metrics shown are the maximum noise level measured in each 15-minute interval , i.e., the L_{max} , and the 90% Exceedance Level, or L_{90} . The L_{90} is that noise level, which over a given 15-minute period, was exceeded for 90% of the time. The L_{90} is representative of the background noise level, i.e., the level of noise that is almost always present.

2.2 Noise Exposure Limits contained in MDA

Schedule E, Noise Nuisance and Mitigation Measures, of the Dockside Green MDA contains limits for the noise levels to be experienced within residential units (due to exterior noise sources) to be developed within Dockside Green. These limits replicate those found within the Canada Mortgage and Housing 1986 document "Road and Rail Noise; Effects on Housing" and are as follows:

Bedrooms L_{eo}(24) 35 dBA,

Living rooms and Dining Rooms, Recreation Rooms L_{eq}(24) 40 dBA, and

Kitchens, Bathrooms, Hallways L_{eq}(24) 45 dBA.

2.3 Assessment of Potential Growth in Noise over Time

In assessing the noise environments at a planned residential development, it is necessary to not only establish the baseline, or pre-project, noise environment but also to consider (to the extent permitted by available information) how noise exposures may be expected to change over time. This is necessary so that appropriate residential noise environments may be achieved, both upon project completion, and in the foreseeable future. In the case of the planned affordable housing development on Harbour Road current, a potential source not captured by the baseline noise monitoring of October 22 to 24, 2014 is barge breaking at Point Hope Shipyards. This activity is currently infrequent but could possibly increase at times in the future. This assessment has considered such a possibility.



3.0 RESULTS

3.1 Baseline Noise Levels

The 24-hour baseline noise level histories obtained between October 22 and 24, 2015 at each of Sites 1, 2 and 3 are shown in Figures B.1 through B.6 in Appendix B. Reviewing these noise levels histories (which are plotted in 15-minute intervals), it may be seen that the patterns of noise level variation with time of day are quite consistent among the three sites, with average noise levels (15-minute L_{eq}) ranging from 50 to 60 dBA during the daytime and falling to between 40 and 50 dBA during the evening and night time hours. A general trend may also be seen for average noise levels to decrease by several decibels just after 4 PM. Since urban traffic volumes do not begin to decrease this early in the afternoon, it is expected that this effect corresponds to the cessation of work at Point Hope Shipyards and perhaps other Inner Harbour Industries. Table 1 summarizes the results of baseline noise monitoring at the three sites.

Table 1; Summary of Baseline Noise Monitoring Results

Site No.	L _{eq} (24) Oct. 22-23, 2014 (dBA)	L _{eq} (24) Oct. 23-24, 2014 (dBA)	48-Hour Average L _{eq} (48) (dBA)
1	55.2	54.5	54.9
2	53.2	53.7	53.5
3	51.5	52.3	51.9

While Site 1 would have received the greatest amount of building shielding from the noise of Harbour Road traffic, and presumably Point Hope Shipyard activities, Table 1 shows that its average noise exposure was in fact 1.4 dBA higher than that at Site 2, and 3 dBA higher than that at Site 3. There are several factors that may have played a role in these outcomes:

- During the noise monitoring period, Harbour Road was closed at its south end due to Johnson Street Bridge construction. Therefore traffic volumes on Harbour Road, which are normally very low, were reduced during the monitoring;
- Activity levels at Point Hope Shipyards were typical, and no particularly noisy activities such as barge breaking were being undertaken;
- The activities of people (and vehicles) accessing the parking lot behind the three-storey Harbour Road building would have made small contributions to the average noise exposures at Sites 1 and 2 but not at Site 3;
- The three monitoring sites are quite well shielded by buildings and/or terrain from the noise created by traffic on Tyee Road and on the Johnson Street Bridge; and
- Only Site 1 had an unobstructed view towards a portion of the Bay Street Bridge.

Based on the above observations, it is concluded that the main reason that noise exposures were higher at Site 1 was its exposure to Bay Street Bridge traffic noise. Traffic volumes on the Bay Street Bridge would not be expected to be begin to diminish until after about 5:30 PM and,



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in fact, would be expected to peak during the afternoon rush period from about 4:00 to 5:30 PM. As traffic volumes on the bridge peak, average vehicle speeds decrease due to congestion effects and overall traffic noise emissions are expected to decrease. This may be at least partially responsible for the observed drop in noise levels at Site 1 just after 4:00 PM.

3.2 Effects of Harbour Road Closure on Measured Noise Levels

Due to Johnson Street Bridge construction, Harbour Road was closed to through traffic at its south end during the entire noise monitoring period, so that only local traffic (accessing Dockside Green, Farmer Construction, Point Hope Shipyards etc.) would have been present on Harbour Road at that time. The size of this local traffic component is not known but it would appear reasonable to consider that it would be approximately half the normal traffic volume as Harbour Road does not function as a through road.

Carl Wilkinson of the City of Victoria's Transportation Department indicated that, while no traffic count data is available, current Harbour Road traffic volumes are very low and could be conservatively estimated at 2,000 vehicles per day (vpd). If, as assumed above, 50% of this traffic, or 1,000 vpd, was absent during the noise monitoring period, then it may be estimated that this missing Harbour Road traffic (with a posted speed of 50 kmph and an estimated 2% heavy vehicles) would itself contribute a daily average noise exposure at Site 3 (approximately 38 m from the centre of Harbour Road) of approximately Leo(24) 46 dBA.

Therefore, if Harbour Road had been open to normal traffic during the baseline noise monitoring period, it may be estimated that the daily average noise level at Site 3 would have been increased from 51.9 to 52.9 dBA. Site 2 is partially shielded from Harbour Road but its average noise level would be expected to increase slightly—from 53.5 to approximately 54.0 dBA. Site 1 is partially shielded from Harbour Road traffic noise and is considered to receive most of its noise exposures from Bay Street Bridge traffic. Therefore, the current average noise level at Site 1 of L_{eq}(24) 54. 9 dBA would not be expected to change significantly with the return of normal traffic volumes to Harbour Road.

3.3 Potential Increases in Noise Exposure over Time

Changes in daily average noise exposures at the development site over time are expected to be principally associated with the following:

- · Growth in traffic volumes on Harbour Road;
- Growth in traffic volumes on the Bay Street Bridge; and
- Variation in activity levels at Point Hope Shipyards.

Using the traffic noise prediction procedure contained in the CMHC's Road and Rail Noise; Effects on Housing.



3.3.1 Harbour Road Traffic Growth

Because Tyee Road provides a more direct connection between downtown Victoria (via the Johnson Street Bridge) and the Skinner Street/Bay Street and Craigflower Road corridors, it is not expected that there will be significant growth in through traffic on Harbour Road in future. There will be some growth associated with the build out of Dockside Green (of which this project is a part) but this is not expected to result in increases in Harbour Road traffic that will have significant effects on noise emissions since, all else being equal, a 100% increase in traffic volumes is required on a given road to increase its average noise output by 3 dBA. For example, if over ten years, traffic on Harbour Road was to increase by 30%, the average noise emissions from this traffic stream would increase by only 1 dBA.

3.3.2 Bay Street Bridge Traffic Growth

Based on the City of Victoria's traffic count map, in 2011 the Bay Street Bridge carried approximately 22,000 vpd on its two lanes. As a result, there is substantial congestion, particularly during rush hours. Therefore, while there may well be growth in traffic volumes on the bridge in future, this growth would be expected to result in longer periods of congestion (and associated reduced noise emissions) and hence little if any increase in daily average traffic noise emissions from the bridge.

3.3.3 Point Hope Shipyards – Barge Breaking Noise

Noise emissions from Point Hope Shipyard by nature have greater potential for day-to-day variation than do those from busy roadways. The overall noise emissions from the shipyard will vary somewhat with the nature and volume of work being actively undertaken. The level of shipyard activity during the October 22 to 24, 2015 baseline noise monitoring period was judged by WAL staff to be fairly typical. This was subsequently confirmed by Point Hope Marine's General Manager, Hank Bekkering who felt that activity levels during the three day monitoring period were representative of typical shipyard conditions, with no unusually noisy activities such as barge breaking.

It is recognized that one particular shipyard activity, barge breaking, creates noise at considerably higher levels and of a more intrusive character, than normal shipyard work and that this noise has resulted in the City receiving complaints from Dockside Green residents in the past. City staff have reported that this type of activity occurs very infrequently, more specifically on only two or three occasions over the past few years. That said, barge breaking is a permitted activity on the adjacent lands and it is possible that its frequency of occurrence could increase in future. Therefore the intermittent presence of such noise has been recognized in this assessment.

Noise measurements conducted in 2010 and 2011 both by City By-law Enforcement officers and by Wakefield Acoustics Ltd. showed that active barge breaking created average noise levels of L_{eq} 59 to 61 dBA at a location approximately 15 m west of Site 3.



3.3.4 Effects of "Buffer" Buildings

The existing three-storey commercial building (C1-2) located between proposed affordable housing building R4 and Harbour Road currently acts to reduce the levels of Harbour Road traffic noise and Victoria Shipyard noise reaching this future residential site. The shielding effects of building C1-2 have then resulted in the baseline noise levels measured at Site 1 being lower than they would have been in the absence of this "buffer" building. A smaller noise shielding effect will have been created at Site 2 by building C1-2.

Similarly if, in future, commercial building C1-3 should be constructed between affordable housing building R5 and Harbour Road, it will reduce the exposure of this residential building to noise from Harbour Road traffic and shipyard activities. Notably, building C1-3 would act to shield both buildings R5 and R4 from noise created by barge breaking, which in the past has taken place just south of the large shipyard building located directly across Harbour Road from the site of C1-3.

4.0 DISCUSSION AND CONCLUSIONS

4.1 Noise Exposures at Residential Facades

Based on the analyses described in Sections 3.2 and 3.3, the future (post-construction) noise exposures at the facades of the planned affordable housing buildings (R4 and R5) may be expected to be very similar to the baseline noise levels measured at Sites 1, 2 and 3 in October 2014. The only expected differences are that levels at Site 2 and 3 may be approximately 0.5 dBA and 1.0 dBA higher respectively when the noise contributions of the absent Harbour Road through traffic are included. With this additional Harbour Road traffic included, post-construction noise levels at the three monitoring sites, and hence at both proposed buildings, are expected to be less than, or essentially equal to, the CMHC's exterior residential noise exposure threshold of $L_{eq}(24)$ 55 dBA.

The potential for noise exposures at these residential facades to increase over time due to foreseeable growth in traffic volumes and general activity levels in the area is considered very limited. Without major changes in the nature and/or location of shipyard activities or other industrial waterfront activities, increases in long-term average noise exposures would not be expected to exceed 1 decibel over the next decade.

4.2 Achieving Required Interior Noise Levels

From the floor plans, it appears that the east-facing facades of all residential units will include one or more bedrooms and/or a studio/sleeping space. The units will not have balconies or decks on their east-facing facades.

The CMHC's outdoor noise threshold of $L_{eq}(24)$ 55 dBA, as well as the indoor limit of $L_{eq}(24)$ 35 dBA for bedrooms contained in both the CMHC document and the Dockside Green MDA, are



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related to the prevention of significant sleep disturbance by exterior noise. Quasi-continuous noise (such as from distant traffic, industry or general urban "hum") which does not exceed 35 dBA in the bedroom is considered compatible with sleep. To achieve 35 dBA inside a bedroom with the window open slightly, the noise level outside should not exceed $L_{eq}(24)$ 55 dBA. This requirement is based on two standard assumptions:

- The typical reduction between outdoor and indoor noise levels that is achieved when a window is open slightly, is approximately 15 dBA,
- 2. During the night time (when most people are sleeping), exterior noise levels in urban areas are typically 5 dBA to 10 dBA lower than the 24-hour daily average noise level.

Where exterior noise levels will exceed Leq (24) 55 dBA, the CMHC recommends, and the City requires, that measures will be taken in the design of the building facades to achieve sufficient sound insulation so that interior noise levels will comply with MDA requirements, here the most relevant being L_{eq} 35 dBA for bedrooms.

Noise levels to be experienced at the western facades of the two affordable housing buildings will be less than $L_{eq}(24)$ 55 dBA. Noise levels to be experienced at the eastern facades of the southern building R5, and the southern end of the northern building R4, are expected to be less than $L_{eq}(24)$ 55 dBA, both in the year of their completion and in the foreseeable future., Noise levels to be experienced over the majority of the eastern facade of building R4 are expected to be slightly (not more than 1 dBA) above $L_{eq}(24)$ 55 dBA. This minor exceedance would be mitigated by using standard double glazed windows that hinge along their northern edges so as to open away from the dominant noise sources located to the northeast (Bay Street bridge traffic and industrial activity).

During periods of barge breaking, the required indoor noise level can be achieved by closing the windows. This may be done comfortably because the buildings will be continuously ventilated by dual speed fans in each unit which will provide fresh air on an ongoing basis.

In summary, the noise levels to be achieved are as indicated in Table 2 below.



Table 2; Exterior and Interior Noise Levels to be Achieved at Buildings R4 and R5.

Location/Scenario	MDA Noise Level Targets (Outdoors)	Outdoor Noise Levels without Mitigation	Mitigation Measures	Noise Levels in Bedrooms with Mitigation Measures
Western Facades of R4 & R5	55 dBA	< 55 dBA	Not Required	≤ 35 dBA
Eastern Facades of R4 and Southern end of R5	55 dBA	< 55 dBA	Not Required	≤ 35 dBA
Eastern Facade of Majority of R4	55 dBA	55 to 56 dBA	Double-glazed windows; closed or opened from northern edge	≤ 35 dBA
Barge Breaking ¹	55 dBA	60 – 62 dBA	Standard windows; closed, constant ventilation	≤ 35 dBA

^{1.,} occurs infrequently.

4.3 Mitigation Measures

The following measures will be taken to mitigate noise at this development:

- Installation of double-glazed, Low E, argon-filled windows having a Sound Transmission Class Rating of approximately STC 30. Such windows when closed will reduce average outdoor noise levels so as to achieve interior levels of 35 dBA or less,
- · Strategic installation of windows so that they open away from dominant noise sources,
- Provision of constant ventilation via a dual-speed fan in each home, allowing for continuous fresh air even when windows are closed.
- Minimum of R20 thermal insulation in building walls,
- Majority of bedrooms located on west sides of buildings.



Statement of Limitations

This report was prepared by Wakefield Acoustics Ltd based on research and fieldwork conducted by Wakefield Acoustics Ltd for the sole benefit and exclusive use of the Catalyst Community Developments Society. The material in it reflects Wakefield Acoustics Ltd's best judgement in light of the information available to it at the time of preparing this report. Any use that a third party makes of this report or any reliance on or decision made based on it is the responsibility of such third parties. Wakefield Acoustics Ltd accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken based on this report.

Wakefield Acoustics Ltd has performed the work as described in the relevant contract and made the findings and conclusions set out in this report in a manner consistent with the level of care and skill normally exercised by members of the consulting engineering profession practicing under similar conditions at the time the work was performed.

This report was prepared by Wakefield Acoustics Ltd., and represents a reasonable review of the information available to Wakefield Acoustics Ltd within the established scope, work schedule and budgetary constraints of the contract.

In preparing this report, Wakefield Acoustics Ltd has relied in good faith on information provided by others as noted in this report and has assumed that the information provided by those individuals is both factual and accurate. Wakefield Acoustics Ltd accepts no responsibility for any deficiency, misstatement or inaccuracy in this report resulting from the information provided by those individuals.

The liability of Wakefield Acoustics Ltd in relation to the work conducted shall be limited to injury or loss caused by the negligent acts of Wakefield Acoustics Ltd. The total aggregate liability of Wakefield Acoustics Ltd related to this agreement shall not exceed the lesser of the actual damages incurred or Wakefield Acoustics Ltd's total fees for services rendered on this project.

Closure

This report was prepared by:

Clair W. Wakefield, M. A. Sc., P. Eng., President

This report was reviewed by:

Andrew Williamson, P. Eng.



Glossary

A-weighted Sound Level (dBA)

The human ear/brain system is much more sensitive to sounds at mid-range and higher frequencies (or pitches) than at lower frequencies. Sound level meters are equipped with electronic filtering (or weighting) networks that replicate the ear's frequency sensitivity. The most widely used such weighting network is called the Aweighting and sound levels measured with this weighting in place, are expressed in Aweighted decibels, or dBA.

Ambient/existing level

The pre-project noise or vibration level.

C-weighting

The C weighting provides a more discriminating measure of the low frequency sound pressures than what is provided by A-weighting. As well, unlike the A-weighting, the C-weighting is sensitive to sounds between 100 and 1000 Hz. It can be written as dBC.

Daytime Equivalent Sound Level, or Ld

The Ld is the equivalent sound level measured or computed over the 15 standard daytime hours between 07:00 and 22:00 hours,

Day-Night Average Sound Level, or Ldn

The Day-Night Average Sound Level, or Ldn, is a variation of the Leq(24) which reflects

the greater sensitivity to residential communities to intrusive noise during the night-time. In computing Ldn, a 10 dBA penalty is applied (added) to all noise levels measured or predicted to occur between 22:00 and 07:00 hours.

Equivalent Sound Level

Equivalent Sound Level, or Leq, is that steady sound level which, over a given time period, would result in the same overall sound energy exposure as would the actual time-varying community noise level. Expressed in units of dBA.

Exceedance Levels

The Exceedance Levels, or Le, provide statistical descriptions of the community noise environment. Le is that noise level which, over a given time period, was exceeded for "e" percent of the time. For example, the L10, is that noise level which was exceeded for only 10% of the monitoring time (that is, the upper decibel level), the L50 is the level exceeded for 50% of the time, or the Median Level, while the L90 is the sound level exceeded for 90% of the time (that is, the lower decibel level), often considered to represent the "background noise level".

Frequency

The rate at which the air pressure fluctuations (which constitute sound) occur. This is generally the same rate at which the sound source (say a bell) is vibrating.



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Frequency is expressed in units of cycles per second or Hertz (Hz.).

Impulsive Noise

Impulsive, or impact, noise, such as from hammering, metal forming, pile driving, dog barking or some forms of music, is characterized by a rapid rise and then fall in noise levels, in which the duration of the noise event is brief compared to the period, or interval, between the noise events.

Loudness

The subjective impression of sound intensity or sound level. For a given noise, subjective loudness roughly doubles with each 10 dBA increase in sound level.

Night-time Equivalent Sound Level, or Ln

The Ln is the equivalent sound level measured or computed over the 9 standard night-time hours between 22:00 and 07:00 hours,

Noise

When "sound" becomes "noise" is a subjective matter, as one person's music may be another's noise. Some sounds, such as a "jackhammer" may be considered noise by almost everyone, while others, such the sound of a motorcycle or hot rod car, may not. In general, noise may be considered to be "unwanted sound".

Pitch

The subjective impression of sound frequency.



Engineering Salutions for a Noisy World



APPENDIX A

Community Noise Fundamentals and Descriptors

Noise Fundamentals

What is Sound and How is it Made?

Vibrating surfaces such as engine housings, drumheads or loudspeakers and rapidly moving fluids such as in jet engine exhausts, produce minute fluctuations in atmospheric, or air, pressure. These pressure fluctuations spread out from the source in the form of expanding pressure waves in the air, much as a water wave on a pond spreads out from the point where a pebble has been dropped – their intensity steadily decreasing with distance from the source. Our ears, acting like microphones, sense these air pressure fluctuations and our brain interprets them as sound.

The Sound Pressure Level or "Decibel" Scale

The ear is capable of sensing sound, or "hearing", over an enormous range of intensities - from the faintest rustling of leaves to the roar of a nearby jet aircraft. The jet may produce sound that is one million times more intense than the rustling of leaves. Therefore, similar to the "Richter" scale which compresses the entire range of earthquake magnitudes into a 1 to 10 scale, the "Sound Pressure Level" or "Decibel" scale was developed to represent the even greater range of audible sound intensities within a compressed, or "logarithmic", scale. Within this scale, a Sound Pressure Level (SPL) of 0 decibels (dB) represents the threshold of hearing in the ear's most sensitive frequency range, while the

thresholds of tickling or painful sensations in the ear occur at 120 to 130 dB. The accompanying poster shows the Sound Pressure Levels, or more commonly "sound levels", typically created by a variety of common sources in the community. Roughly speaking, each 10 dB increase in sound level corresponds to a "doubling of subjective loudness".

How is Sound Measured?

Sound is measured with instruments called "Sound Level Meters" which consist of a microphone in conjunction with an electronic amplifier, a display meter and commonly today, a digital memory for logging sound level data over time. These meters are calibrated before each use.

The Frequency or "Pitch" Sensitivity of the Ear - "A"-weighted Decibels

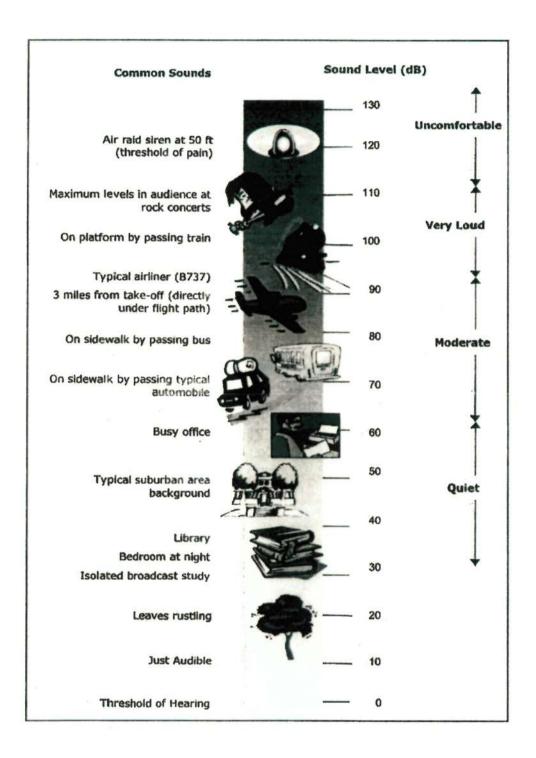
The normal range of sound frequencies audible to the young, healthy ear is from 20 cycles per second, or Hertz (Hz.) to about 20,000 Hz. The ear is much more sensitive to mid and higher frequencies (particularly the 500 to 4000 Hz, range) than to lower frequencies. To approximate the ear's frequency sensitivity, Sound Level Meters contain electronic weighting networks, the most widely used and appropriate for typical measurements in the community being the "A-weighting". Sound levels measured with this weighting in effect are called "A-weighted sound levels" and their unit of measurement is the "A-weighted decibel, or dBA".



What is Noise?

Noise is commonly referred to as "unwanted sound", because it interferes with human activities and/or creates annoyance. The judging of sound as noise is then, to a substantial degree, a personal or subjective matter since it depends on the situation, the activities engaged in as well as individual attitudes and sensitivity.

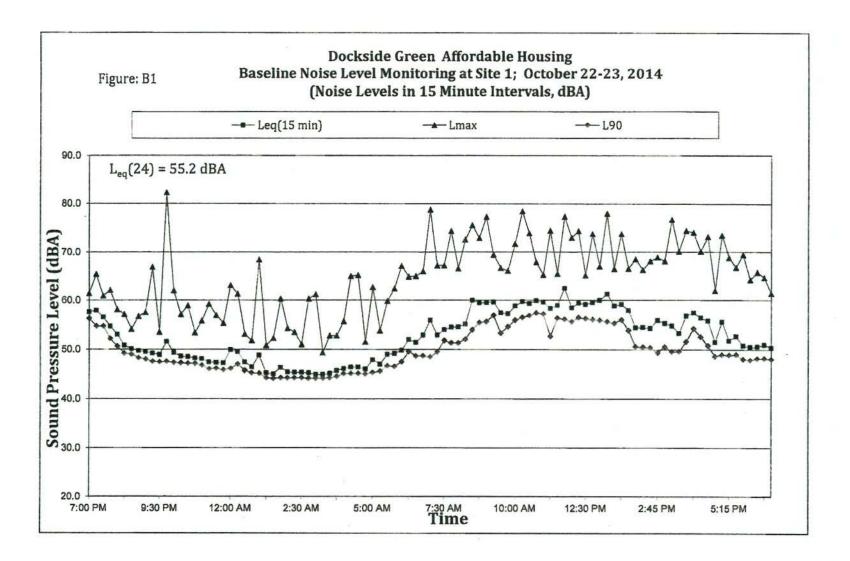


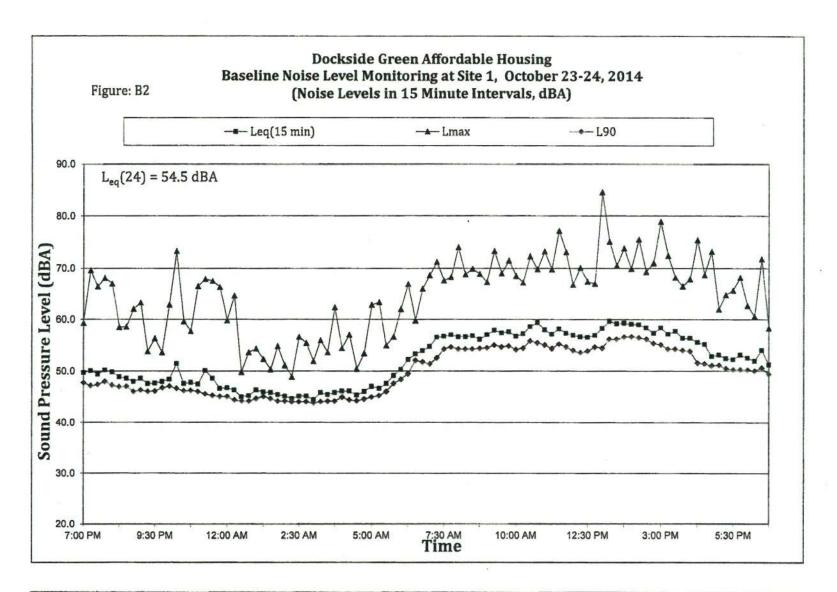


APPENDIX B

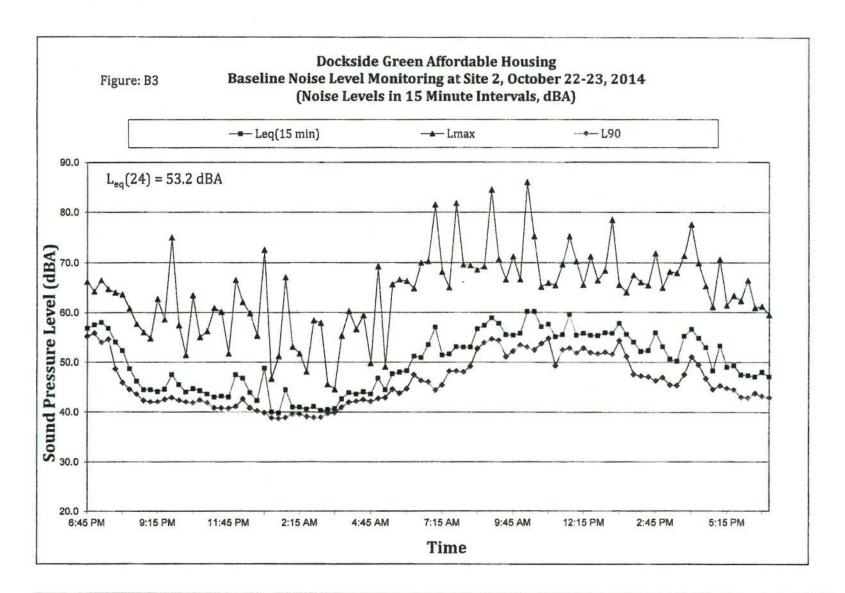
Baseline Monitoring Noise Levels Histories



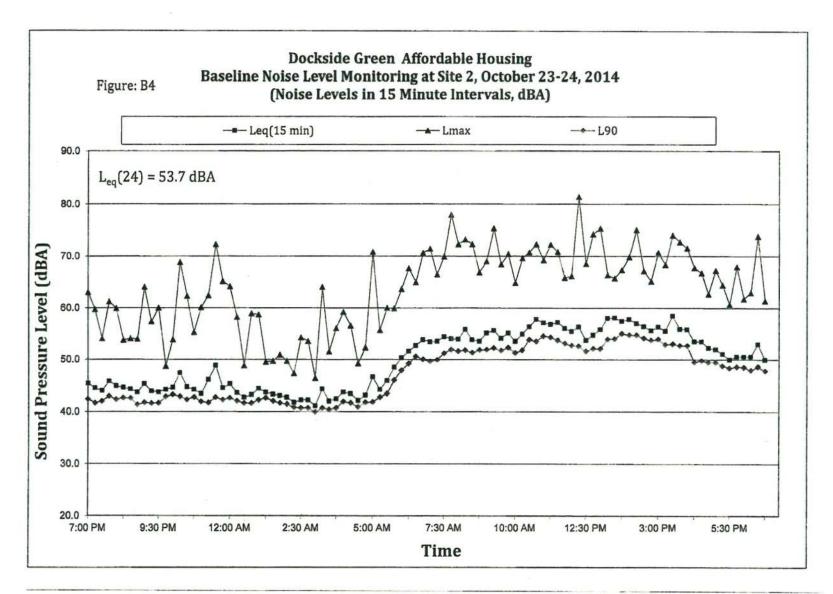


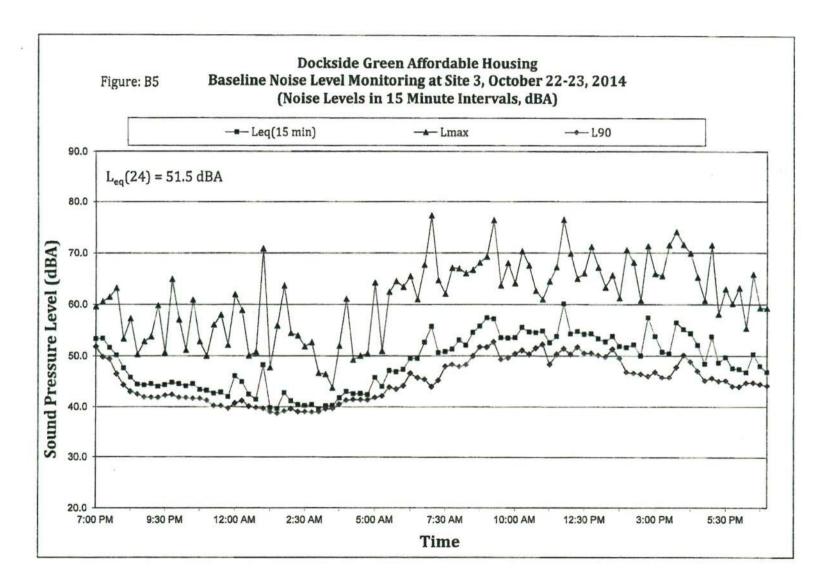


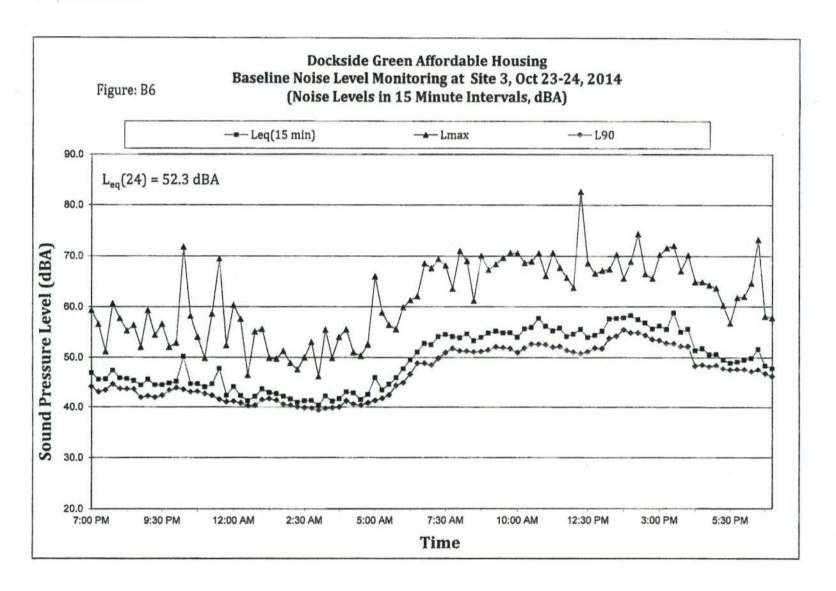














8. COMBINED DEVELOPMENT APPLICATION REPORTS

8.1 Rezoning Application No. 00478 for 370 and 384 Harbour Road and associated Amendments to the Official Community Plan and Master Development Agreement

Committee received a report regarding a rezoning application for 370 and 384 Harbour Road. The proposal is to amend the existing zoning to modify the siting requirements for residential uses within the Zone.

Committee discussed:

- Concern about the lack of parking and the impact it will have on the surrounding neighbours.
- If the provision of angle parking could increase the amount of on street parking
- The provision of bicycles as an incentive and if this proposal is the first time it has been used as a negotiation.
- The location of the car share vehicle.
- Access to the units for emergency responders.
 - The fire department has reviewed the application and has not identified any concerns. There is also access through the patio area of Café Fantastico.
- The importance of preserving the principles of the MDA.

Action:

It was moved by Councillor Madoff, seconded by Councillor Isitt, that Committee forward this report to Council and that Council instruct staff to prepare the necessary Official Community Plan Amendment Bylaw in accordance with Section 882 of the Local Government Act, the necessary Zoning Regulation Bylaw Amendment and the necessary Master Development Agreement Amendment that would authorize the proposed development outlined in Rezoning Application No. 00478 for 370 and 384 Harbour Road, that first and second reading of the Zoning Regulation Bylaw Amendment be considered by Council and a Public Hearing date be set once the following conditions are met:

- 1. That Council determine, pursuant to Section 879(1) of the Local Government Act, that the affected persons, organizations and authorities are those property owners and occupiers within a 200m radius of the subject property; determine that the appropriate consultation measures would include a mailed notice of the proposed OCP Amendment to the affected persons; posting of a notice on the City's website inviting affected persons, organizations and authorities to ask questions of staff and provide written or verbal comments to Council for their consideration.
- 2. That Council determine, pursuant to Section 879 (2)(a) of the *Local Government Act*, that having regard to the previous Community Association Land Use Committee (CALUC) Community Meeting, the consultation proposed at this stage is an adequate opportunity for consultation.
- 3. That Council consider consultation under Section 879(2)(b) of the Local Government Act and determine that no referrals are necessary with the Capital Regional District Board; Councils of Oak Bay, Esquimalt and Saanich; the Songhees and Esquimalt First Nations; the School District Board; and the provincial and federal governments and their agencies due to the nature of the

proposed amendment.

- 4. That Council give first reading to the Official Community Plan Amendment Bylaw.
- 5. That Council consider the Official Community Plan Amendment Bylaw in conjunction with the City of Victoria 2012-2016 Financial Plan and the Capital Regional District Liquid Waste Management Plan and Capital Regional District Solid Waste Management Plan pursuant to section 882(3)(a) of the Local Government Act and deem those Plans to be consistent with the proposed Official Community Plan Amendment Bylaw.
- 6. That Council give second reading to the Official Community Plan Amendment Bylaw.
- 7. That Council refer the Official Community Plan Amendment Bylaw for consideration at a Public Hearing.
- 8. That in accordance with Section 18.1 of the Master Development Agreement (MDA) Council authorize the sale of 370 and 384 Harbour Road from Dockside Green Ltd (DGL) to Catalyst Community Development Ltd., subject to the obligations to deliver the 49 non-market rental units shall still apply to Dockside Green Ltd., as the Developer, until the 49 Non-Market Rental units have been constructed and occupied.
- 9. That Council instruct staff to prepare a *Housing Agreement Bylaw* to secure the provision of 49 non-market residential rental housing units in perpetuity.
- That Council require a legal agreement to secure public access over the existing north/south greenway and stair connection to Harbour Road.

CARRIED UNANIMOUSLY 15/PLUC151

8.2 Development Permit with Variances Application No. 000409 for 370 and 384 Harbour Road

Committee received a report regarding a development application for 370 and 384 Harbour Road. The proposal is to construct two separate three-storey buildings with a total of 49 residential units.

Action:

It was moved by Councillor Madoff, seconded by Councillor Isitt, that Committee recommends that after giving notice and allowing an opportunity for public comment and after the Public Hearing for Rezoning Application No. 00478, if it is approved, that Council consider the following motion:

"That Council authorize the issuance of Development Permit Application No. 000409 for 370 and 384 Harbour Road for the subdivision of land and construction of two multi-unit residential buildings in accordance with:

- 1. Referral to the Advisory Design Panel with particular attention to the following issues:
 - a. The quality of the exterior materials and their arrangement on the proposed buildings with respect to highlighting the marine and industrial design influences referenced in the guidelines;
 - b. The relationship between the residential unit entries and both the mews and greenway with specific attention to design details that promote pedestrian friendly streetscapes and pedestrian pathway connections.
- 2. Preparation of a legal agreement to ensure the recommended noise mitigation measures as described in the report from Wakefield Acoustics dated March 31, 2015 are installed and maintained.

- 3. Plans date stamped March 31, 2015.
- 4. Development meeting all *Zoning Regulation Bylaw* requirements, except for the following variances:
 - a. Permit residential uses on the ground floor of a building;
 - b. Permit residential units to face Harbour Road without a building buffer.
- 5. Final plans in accordance with the plans identified above to the satisfaction of staff
- 6. The Development Permit lapsing two years from the date of this resolution.

 CARRIED UNANIMOUSLY 15/PLUC152

PLUC meeting May 28, 2015

REPORTS OF THE COMMITTEES

2. Planning and Land Use Committee - May 28, 2015

2. <u>Development Permit with Variances Application No. 000409 for 370 and 384 Harbour</u> Road

It was moved by Councillor Madoff, seconded by Councillor Alto, that after giving notice and allowing an opportunity for public comment and after the Public Hearing for Rezoning Application No. 00478, if it is approved, that Council consider the following motion:

"That Council authorize the issuance of Development Permit Application No. 000409 for 370 and 384 Harbour Road for the subdivision of land and construction of two multi-unit residential buildings in accordance with:

- 1. Referral to the Advisory Design Panel with particular attention to the following issues:
 - The quality of the exterior materials and their arrangement on the proposed buildings with respect to highlighting the marine and industrial design influences referenced in the guidelines;
 - b. The relationship between the residential unit entries and both the mews and greenway with specific attention to design details that promote pedestrian friendly streetscapes and pedestrian pathway connections.
- Preparation of a legal agreement to ensure the recommended noise mitigation measures as described in the report from Wakefield Acoustics dated March 31, 2015 are installed and maintained.
- 3. Plans date stamped March 31, 2015.
- 4. Development meeting all *Zoning Regulation Bylaw* requirements, except for the following variances:
 - a. Permit residential uses on the ground floor of a building;
 - b. Permit residential units to face Harbour Road without a building buffer.
- 5. Final plans in accordance with the plans identified above to the satisfaction of staff.
- 6. The Development Permit lapsing two years from the date of this resolution. Carried Unanimously

Council meeting May 28, 2015

3.1 Rezoning Application No. 00478 & Development Permit Application No. 000409 for 370 & 384 Harbour Road

The proposal is to construct two separate, three-storey buildings with a total of 49 residential dwelling units for the purpose of affordable housing.

Applicant Meeting attendees: Mr. Robert Brown, Catalyst Community Developments

Mr. Ally Dewji, Dockside Green Ltd.

Ms. Karen Marler, HCMA Architecture & Design Ms. Robin Petri, Catalyst Community Developments

Mr. Ian Scott, Ian Scott Planning Services

Mr. Josh Taylor, Catalyst Community Developments

Mr. Wilson provided the Panel with a brief introduction of the Application and the areas that Council are seeking advice on, including the following:

- quality of the exterior materials and their arrangement on the proposed buildings with respect to highlighting the marine and industrial design influences referenced in the guidelines
- relationship between the residential unit entries and both the mews and greenway with specific attention to design details that promote pedestrian-friendly streetscapes and pedestrian pathway connections.

Mr. Wilson then clarified an error in the report on page two in the data table, the CD-9 Zone Standard for parking – minimum is six stalls not eight as stated in the report.

Ms. Marler also clarified a mistake on page two of the report in the data table, the proposal is for seven parking stalls not eight as stated in the report.

Ms. Marler then provided the Panel with a detailed presentation of the proposal.

Mr. Rowe joined the Panel at 1:29 p.m.

Panel Members discussed:

- Designing the mews in such a way that it feels more pedestrian dominant.
- Discouraging traffic volumes by paving patterns and/or speed bumps.
- Using clumping bamboo where proposed as other types of bamboo tend to overtake the landscape.
- Incorporating further privacy measures for the units.
- Concerns of the proposed commercial building in front and how it will affect the lighting of these buildings.
- Concerns of how the proposed commercial building in front will be built in terms of setbacks and privacy considerations for the current proposal.

Action:

MOVED / SECONDED

It was moved by Mr. Rowe, seconded by Ms. Murphy, that the Advisory Design Panel recommend to Council that Rezoning Application No. 00478 and Development Permit Application with Variance No. 000409 for 370 & 384 Harbour Road be approved.

Panel discussed:

Incorporating the discussion around the mews into the motion.

Amendment:

MOVED / SECONDED

It was moved by Mr. Rowe, seconded by Ms. Murphy, that the motion that the Advisory Design Panel recommend to Council that Rezoning Application No. 00478 and Development Permit Application with Variance No. 000409 for 370 & 384 Harbour Road be approved be amended to include consideration of the following:

- Reconsideration of the paving treatment and/or patterns on the mews to better define the mews as a pedestrian priority area versus car oriented.
- · Further consideration of lighting.

CARRIED UNANIMOUSLY

ADP-June 24, 2015

Catalyst Community Developments Society

catalystcommdev.org



Planning & Development Department **Development Services Division**

JUL 0 7 2015

Date: July 7, 2015

To: Jim Handy, Senior Planner

Development Services, City of Victoria

From: Robert Brown, President

Catalyst Community Development Society

Re:

Response to Advisory Design Panel Comments from June 24, 2015

Dockside Green Affordable Rental Housing

370 and 384 Harbour Road

Rezoning #00478

Development Permit #00409

Please accept this letter, written in response to the Advisory Design Panel (ADP) comments from the June 24, 2015 session in which ADP reviewed the Dockside Green affordable workforce rental housing project.

ADP approved a motion to recommend to Council that the project rezoning application and development permit application be approved and that the following design items be considered:

- Reconsideration of the paving treatment and/or patterns on the mews to better define the mews as a pedestrian priority area versus car oriented; and
- Further consideration of lighting.

We have considered these items and have worked with HCMA Architecture and Lombard Landscape Architects to prepare the attached drawing package, which includes the following items to address the ADP motion:

- The Mews paving pattern has been modified to provide strong cues to vehicles that pedestrians are the priority mode of transportation. The link between Harbour Road and the existing stairs as well as the area near the entrances to the studios now have a pattern of lighter and darker grey stripes of different sized pavers delineated by a concrete band.
- There is also a curb around the retained Arbutus tree that creates two points of compression, acting as a traffic calming measure for vehicles. The entrances to the Mews off of Harbour Road with their abrupt change in surface material from asphalt to driveway to pavers slows vehicles down and signals a change in priority for modes.
- Lighting of the Mews is now provided by lit bollards at key points along the building edges and in landscaped areas, lights in the ceiling and soffit of the covered parking area and

Catalyst Community Developments Society catalystcommdev.org



wall mounted lights over the stairs on the north ends of both buildings. This complements the existing wall mounted lights on the existing buildings and waste water treatment plant.

On June 24, 2015, ADP also discussed the following items, but they were not included in the motion:

- Using speed bumps to discourage traffic;
- Using clumping bamboo where proposed as other types of bamboo tend to overtake the landscape;
- Incorporating further privacy measures for the studio units; and
- Concerns about the proposed commercial building to the east and how it will affect lighting and privacy for this project.

We have reviewed these items as well and have the following comments:

- With the enhanced paving patterns, compression points, landscaping and lighting proposed, the traffic will be calmed without the use of speed bumps;
- Bamboo that takes over the landscape will be avoided;
- · The landscape plan provides planters at the studio entrances to enhance privacy; and
- The proposed commercial building east of the project will have a similar relationship to the Mews as the existing commercial building. Lighting and privacy are addressed by the revised landscape plan which more clearly shows the studio entrance planters, the newly proposed bollard lighting and the revised paving pattern for the Mews.

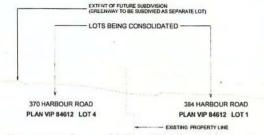
We hope this letter and the attached drawing package meet with your satisfaction. If there are any questions, or additional information is required, please let us know.

Yours truly,

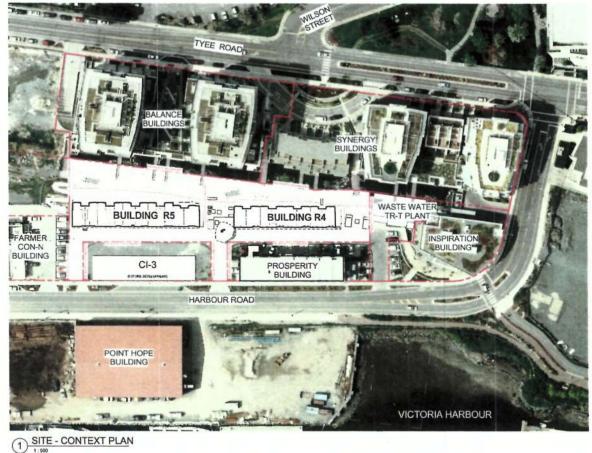
Robert Brown

President, Catalyst Community Developments Society









2 LEGAL LOT PLAN

HARBOUR ROAD

TCM TIME





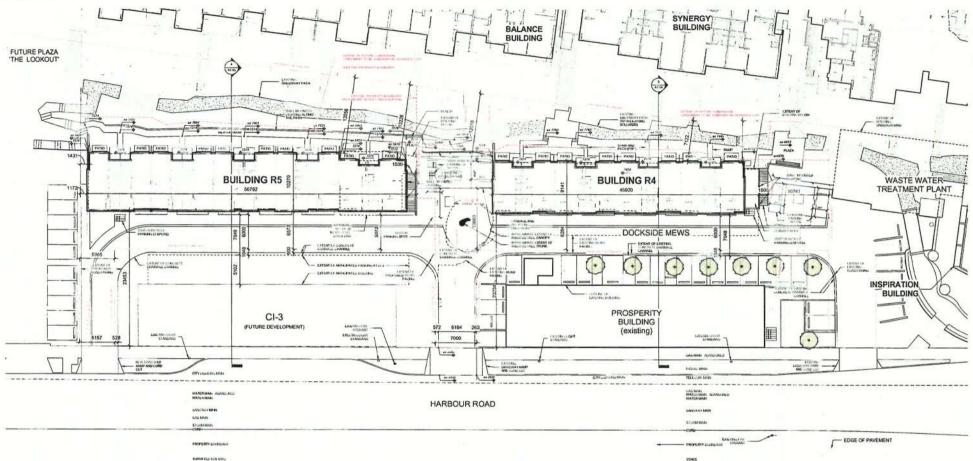


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PROJECT INFORMATION TABLE				
	REQUIRED	PROPOSED		
ZONE (EXISTING)	CD-9; SUB ZONE DA-D	CD-9; SUB ZONE DA-D		
SITE AREA (sq. m.)	(DA-D) 16570	3842.11		
TOTAL FLOOR AREA (sq. m.)	NOT APPLICABLE	2429.78		
FLOOR SPACE RATIO	NOT APPLICABLE	2429.78 / 3842.11 = 0.63		
SITE COVERAGE %	NOT APPLICABLE	1059.14/3842.11 = 27.57		
OPEN SITE SPACE %	NOT APPLICABLE	49.03%		
HEIGHT OF BUILDING (m)	22.14 GEODETIC	14.22 GEODETIC (HEIGHT FROM GRADE 8.57)		
NUMBER OF STOREYS	NOT APPLICABLE	3		
PARKING STALLS (NUMBER ON SITE)	AFFORDABLE: 0 (0 PER UNIT) STANDARD: 5 (1 PER UNIT)*	7		
BICYCLE PARKING NUMBER (STORAGE AND RACK)	CLASS 1: 49 (1 PER UNIT) CLASS 2: 12(6 PER BUILDING)	CLASS 1: 49 CLASS 2: 12		

BUILDING R4	BUILDING RS
1020.45	1409.33
8.57	B.56
3	3
3	4
19	30
6	6

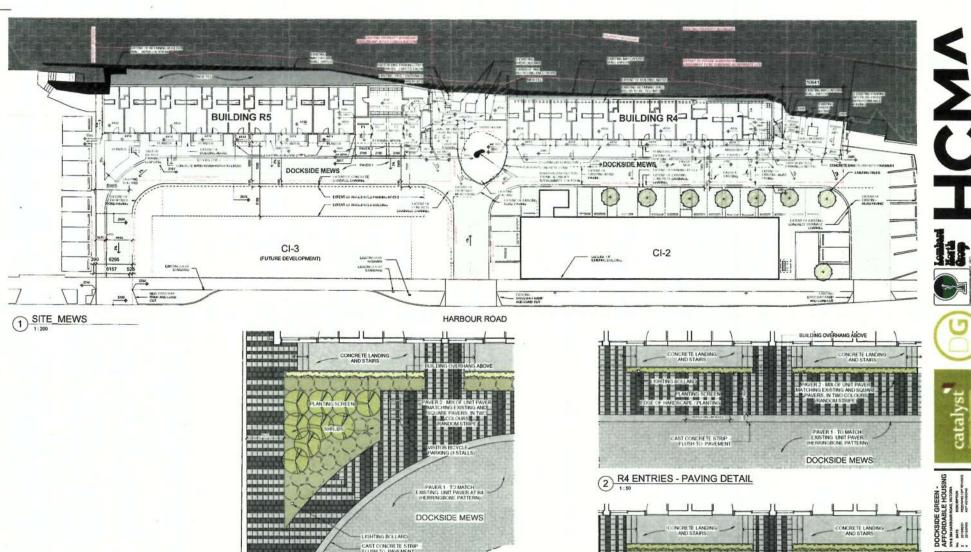
	REQUIRED	PROPOSED
JILDING SETBACKS		
ONT YARD (HARBOUR ROAD) (m)	0	23.23
EAR YARD (m)	0	7.12
DE YARD (NORTH) (m)	0	10.74
DE YARD (SOUTH) (m)	0	1.17
ESIDENTIAL USE DETAILS	-	
OTAL NUMBER OF UNITS	NOT APPLICABLE	49
NIT TYPE	NOT APPLICABLE	- BACHELOR - 1 BEDROOM - 2 BEDROOM - 3 BEDROOM - 4 BEDROOM
ROUND ORIENTED UNITS	NOT APPLICABLE	49
NIMUM UNIT FLOOR AREA (sq.m.)	NOT APPLICABLE	23.54
OTAL RESIDENTIAL FLOOR AREA(sq.m.)	NOT APPLICABLE	2235,47

BUILDING R4	BUILDING R5
23.23	23.45
7.12	13.23
10.74	N/A
N/A	1.17
19	30
-BACHELOR -3 8D -4 8D	- BACHELOR - 1 BEDROOM - 2 BEDROOM - 3 BEDROOM - 4 BEDROOM
19	30
23.54	27.42
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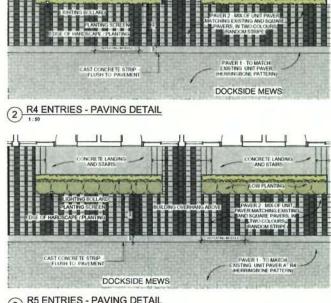


SOUTH PATH - PAVING DETAIL

LIGHTING BOLLARD CAST CONCRETE STRIP FLUSH TO PAVEMENT

-

RESENTE



3 R5 ENTRIES - PAVING DETAIL

2 ELEVATION - HARBOUR ROAD 1 ELEVATION - DOCKSIDE MEWS . 8 PROPOSED BUILDING RS TOTAL TOTAL The a DI U.C. of DI (POTENTIAL CUTLINE) PROPOSED BUILDING RS E E 88 8 PROPOSED BUILDING R4 THE ED PROPOSED BUILDING R4 · 11 11 PROSPERITY BUILDING SYNERGY BUILDINGS WASTE WATER
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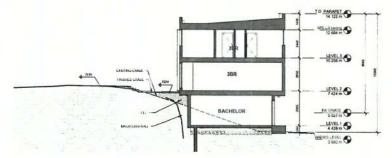




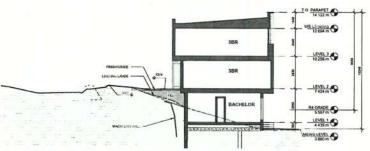




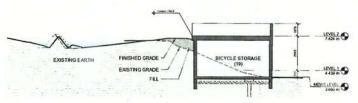
SECTION - BUILDING R4 at GL 4.1



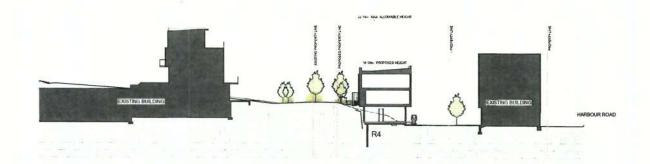
2 SECTION - BUILIDNG R4 at GL 4.3



3 SECTION - BUILDING R4 at GL 4.8



SECTION - BUILDING R4 at GL 4.9



5 SITE SECTION - BUILDING R4

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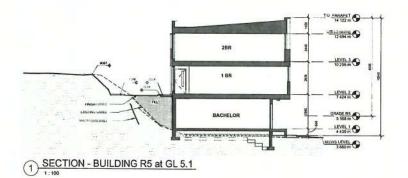
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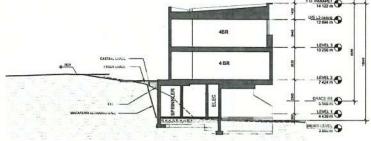
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LEVEL 1

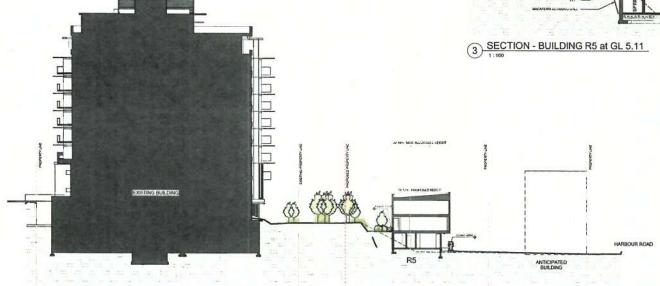




2 SECTION - BUILDING R5 at GL 5.8

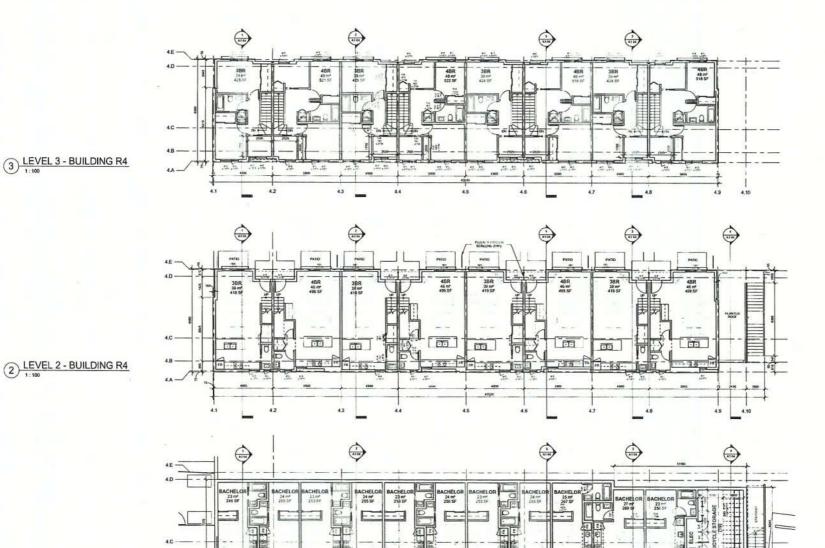


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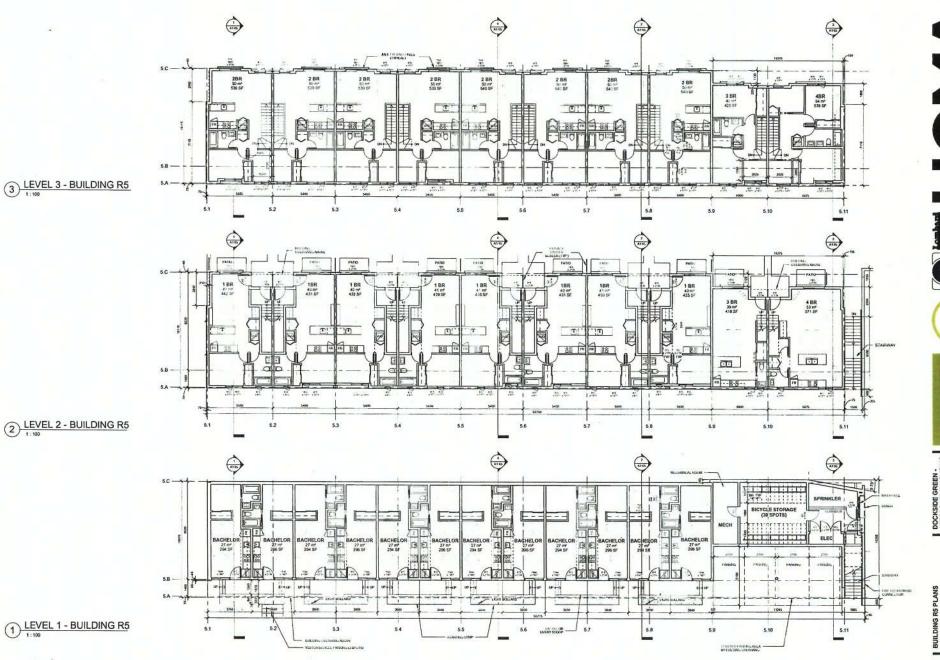


4 SITE SECTION - BUILDING R5

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1 LEVEL 1 - BUILDING R4



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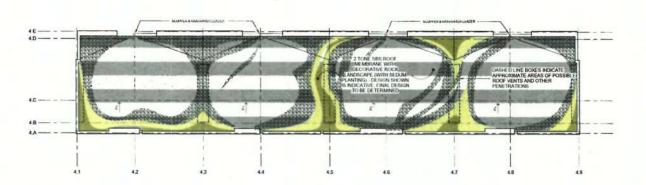
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1) ROOF - BUILDING R5



2 ROOF - BUILDING R4



FIBER CEMENT PANEL 1-TO PARAPET 14 122 m METAL CLADDING 3 10 256 m WALL-MOUNTED LEVEL 2 CONCRETE - SEALED CONCRETE - SEALED WEARE TENET

3 R4 NORTH ELEVATION



4 R4 WEST ELEVATION

DOCKSIDE AFORDABLE HOUSING AVERAGE GRADE CALCULATION

BUILDING R4

POINTS A+B (3880+3800) /2 x 45920 =176332800 POINTS B+C (3800+7274) /2 x 9141 =56613717 POINTS C+D (7274+7274) /2 x 45920 POINTS D+A (7274+3860) /2 x 9141 =59979357

PERIMETER OF BUILDING R4 = 110122 AVERAGE GRADE FOR BUILDING R4 = 5557 MATERIALS

WALLS:

METAL CLADDING:

- METAL CLADDING 1: VERTICAL METAL CLADDING PROFILE / EXPOSED FASTENER - WHITE COLOUR - METAL CLADDING 2: VERTICAL FLUSH METAL PROFILE - RANDOM PATTERN - WHITE COLOUR - METAL CLADDING 2: VERTICAL STANDING SEAM METAL CLADDING - WHITE COLOUR - METAL CLADDING 4: HORIZONTAL METAL BOARD CLADDING - WHOOD EFFECT

SEALED CONCRETE:

- SEALED CONCRETE AS FINISH AND STRUCTURE

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FIBER CEMENT BOARD:

- FIBRE CEMENT BOARD 1 (SMOOTH MATTE) - LIGHT GREY - FIBRE CEMENT BOARD 2 (SMOOTH MATTE) - DARK GREY - FIBRE CEMENT BOARD 3 (SMOOTH MATTE) - WHITE - FIBRE CEMENT BOARD 4 (SMOOTH MATTE) - ACCENT COLOUR

SOFFIT:
- METAL CLADDING 4: HORIZONTAL METAL BOARD CLADDING - WOOD EFFECT
- FIBRE CEMENT BOARD: IN WHITE AND ACCENT COLOURS AS ABOVE

-SBS ROOFING WITH TWO COLOURS LAYED IN STRIPED PATTERN WITH ROCKSCAPING & PLANTING

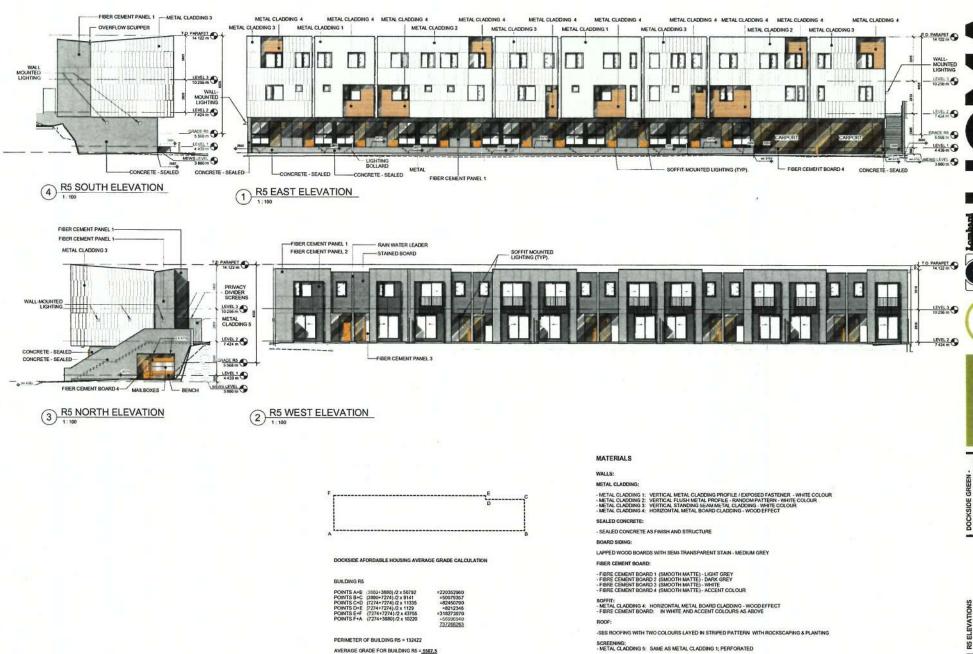
SCREENING:
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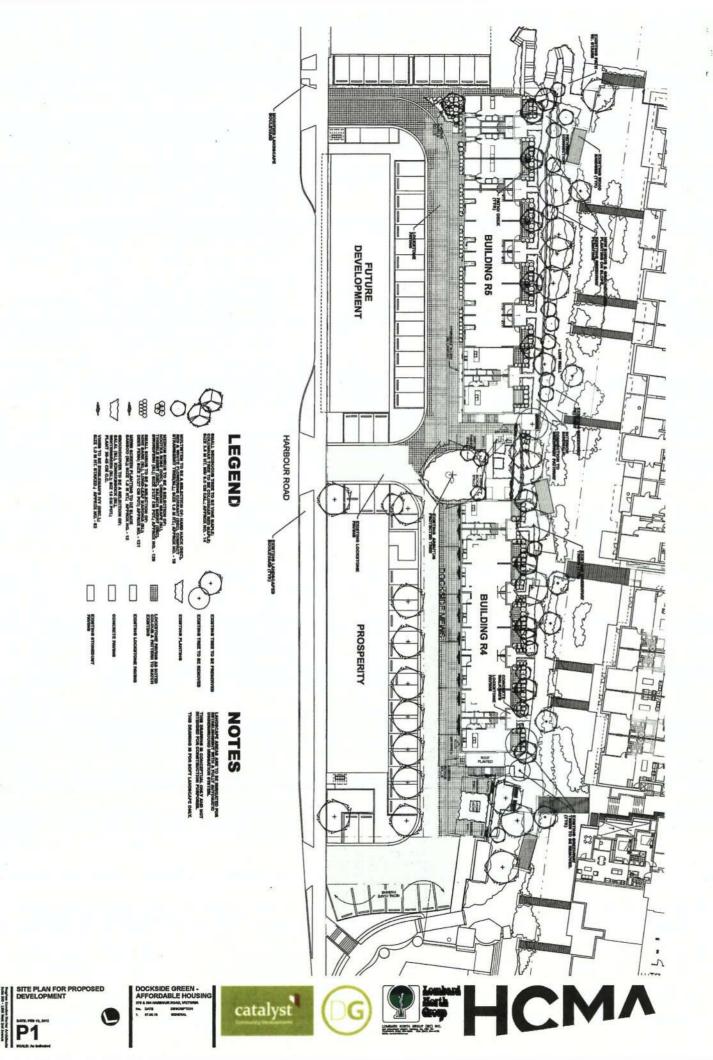
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A VIEW OF DOCKSIDE AFFORDABLE HOUSING FROM THE GREENWAY LEVEL (R4)



FORM_C_V21 (Charge)

VICTORIA LAND TITLE OFFICE

LAND TITLE ACT FORM C (Section 233) CHARGE GENERAL INSTRUMENT - PART 1 Province of British Columbia

Aug-27-2015 14:18:44.002

CA4635939

CA4635941

PAGE 1 OF 8 PAGES

Your electronic signature is a representation that you are a subscriber as defined by the Land Title Act, RSBC 1996 c.250, and that you have applied your electronic signature in accordance with Section 168.3, and a true copy, or a copy of that true copy, is in Elizabeth Hau Wan Yip

Digitally signed by Elizabeth Hau Wan Yip FF8EQ2 DN: c=CA, cn=Elizabeth Hau Wan Yip FF8EQ2, o=Lawyer, ou=Verify ID at www.juricert.com/LKUP.cfm? id=FF8EQ2

	your possession.				Date: 2015.08.27 14:13:46 -07'00'	╝
1.	APPLICATION: (Name, address, phone number of applican	30 3030	nt's soli	itor or a	agent)	_
	Susan Kelly, TERRA LAW CORPORATION	N				
	Suite 2800 - 650 West Georgia Street				Phone 604-628-8980	
	PO Box 11506			-	Client No. 12544 Doc No. 338096 File No. 500126	
		6B 4N	7	Т	OI 337273 (Noise Mitigation)	
1	Document Fees: \$234.30 PARCEL IDENTIFIER AND LEGAL DESCRIPTION OF I	ANID.			Deduct LTSA Fees? Yes	/
۷.	[PID] [LEGAL DESCRIPTION OF I					
	SEE SCHEDULE					
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3.	NATURE OF INTEREST	CH	ARGE N	O.	ADDITIONAL INFORMATION	
	SEE SCHEDULE					
	TERMS B 2 Cd: :					_
4.	TERMS: Part 2 of this instrument consists of (select one only (a) Filed Standard Charge Terms D.F. No.		(b) [v	Expre	ess Charge Terms Annexed as Part 2	
	A selection of (a) includes any additional or modified terms r	eferred t	o in Item	7 or in	a schedule annexed to this instrument.	_
5.	TRANSFEROR(S):					
	SEE SCHEDULE					
6.	TRANSFEREE(S): (including postal address(es) and postal	code(s))				_
	THE CORPORATION OF THE CITY OF		RIA			
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7.	ADDITIONAL OR MODIFIED TERMS:	-				_
<i>/</i> .	N/A					
8.	EXECUTION(S): This instrument creates, assigns, modifies	, enlarge	s, discha	rges or g	governs the priority of the interest(s) described in Item 3 ar	ıd
	the Transferor(s) and every other signatory agree to be bound charge terms, if any.					
	Officer Signature(s)	Exe	cution I	Date	Transferor(s) Signature(s)	
	3993 ST	Y	M	D	DOCKSIDE GREEN LTD.,	
	Elizabeth H. Yip				by its authorized signatory:	
	Barrister & Solicitor	15	8	24		
					Norman Chagring	
	Terra Law Corporation				Norman Shearing	
	Suite 2800 - 650 West Georgia St. Vancouver, BC V6B 4N7					
	604 - 628-8998					

OFFICER CERTIFICATION:

Your signature constitutes a representation that you are a solicitor, notary public or other person authorized by the Evidence Act, R.S.B.C. 1996, c.124, to take affidavits for use in British Columbia and certifies the matters set out in Part 5 of the Land Title Act as they pertain to the execution of this instrument.

Officer Signature(s)	Exc	ecution l	Date D	Transferor / Borrower / Party Signature(s)
Robert Woodland Commissioner for Taking Affidavits in British Columbia	15	08	27	THE CORPORATION OF THE CITY OF VICTORIA, by its authorized signatory(ies)
#1 Centennial Square Victoria, BC V8W 1P6				Print name: Lisa Helps Mayor Print name:
Susan Doi Barrister & Solicitor Vancouver City Savings Credit Union 183 Terminal Avenue Vancouver, BC V6A 4G2	15	08	21	As to Mortgage EX128529, as modified by FB292318, Mortgage FB108910, and Assignment of Rents EX128530 and FB108911 VANCOUVER CITY SAVINGS CREDIT UNION, by its authorized signatory(ies): Print name: Shirley-Anne Blackadder
Susan Doi Barrister & Solicitor Vancouver City Savings Credit Union 183 Terminal Avenue Vancouver, BC V6A 4G2	15	08	21	Print name: As to Rent Charge FB39584 DOCKSIDE GREEN (VICTORIA) SOCIETY, by its authorized signatory: Print name: Andy Broderick

OFFICER CERTIFICATION:

Your signature constitutes a representation that you are a solicitor, notary public or other person authorized by the *Evidence Act*, R.S.B.C. 1996, c.124, to take affidavits for use in British Columbia and certifies the matters set out in Part 5 of the *Land Title Act* as they pertain to the execution of this instrument.

LAND TITLE ACT FORM E

SCHEDULE	I	PAGE	3	OF	8	PAGES
PARCEL IDENTIFIER AND LEGAL DESCRIPTION OF LAND: [PID] [LEGAL DESCRIPTION]						
027-424-774 LOT 4 DISTRICT LOT 119 ESQUIMALT DISTR	RICT PLAN V	IP840	612	!		
STC? YES						
PARCEL IDENTIFIER AND LEGAL DESCRIPTION OF LAND: [PID] [LEGAL DESCRIPTION]						
027-424-740 LOT 1 DISTRICT LOT 119 ESQUIMALT DISTR	RICT PLAN V	IP84	612	2		
STC? YES						
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2. BARCEL INFACTIFIED AND LEGAL DESCRIPTION OF LAND.						
2. PARCEL IDENTIFIER AND LEGAL DESCRIPTION OF LAND: [PID] [LEGAL DESCRIPTION]						
STC? YES						

LAND TITLE ACT FORM E

PAGE 4 OF 8 PAGES SCHEDULE ADDITIONAL INFORMATION NATURE OF INTEREST CHARGE NO. Covenant ADDITIONAL INFORMATION NATURE OF INTEREST CHARGE NO. **Priority Agreement** Page 8 NATURE OF INTEREST CHARGE NO. ADDITIONAL INFORMATION **Priority Agreement** Page 8 CHARGE NO. ADDITIONAL INFORMATION NATURE OF INTEREST ADDITIONAL INFORMATION NATURE OF INTEREST CHARGE NO. NATURE OF INTEREST CHARGE NO. ADDITIONAL INFORMATION

LAND TITLE ACT FORM E

SCHEDULE

PAGE 5 OF 8 PAGES

ENTER THE REQUIRED INFORMATION IN THE SAME ORDER AS THE INFORMATION MUST APPEAR ON THE FREEHOLD TRANSFER FORM, MORTGAGE FORM, OR GENERAL INSTRUMENT FORM.

5. TRANSFEROR(S):

DOCKSIDE GREEN LTD. (Inc. No. 716742) (as to Covenant)

DOCKSIDE GREEN (VICTORIA) SOCIETY (S-51826) (as to Priority)

VANCOUVER CITY SAVINGS CREDIT UNION (as to Priority)

SECTION 219 COVENANT (NOISE MITIGATION)

THIS AGREEMENT is dated for reference August 12, 2015 and is between the Transferor and the Transferee (and Vancouver City Savings Credit Union, as to priority only).

WHEREAS:

A. The Transferor is the registered owner of the following land in the Province of British Columbia:

Parcel Identifier 027-424-740 Lot 1 District Lot 119 Esquimalt District Plan VIP84612

Parcel Identifier 027-424-774 Lot 4 District Lot 119 Esquimalt District Plan VIP84612

(together, the "Land");

- B. The Transferee is The Corporation of the City of Victoria;
- C. The Transferor has applied to amend the City of Victoria Zoning Regulation Bylaw No. 80-159 as it applies to the Land, under the terms of the City of Victoria Zoning Regulation Bylaw Amendment Bylaw (No. 1047) (the "Zoning Amendment Bylaw");
- D. The Transferor has agreed to grant to the Transferee a covenant pursuant to section 219 of the Land Title Act requiring the provision of noise mitigation measures in respect of the buildings to be constructed on the Land on the terms hereinafter set forth, and the Transferor acknowledges that it is in the public interest that the use and development of the Land be restricted as set out in this Agreement; and
- E. Section 219 of the Land Title Act provides that a covenant, whether of negative or positive nature, in respect of the use of land or the use of a building on or to be erected on land, or that land is not to be built on or subdivided except in accordance with the covenant may be granted in favour of the Transferee and may be registered as a charge against the title to the Land.

THIS AGREEMENT is evidence that in consideration of payment of \$10.00 by the Transferee to the Transferor (the receipt and sufficiency of which is acknowledged by the Transferor), and in consideration of the promises exchanged below, the Transferor covenants and agrees with the Transferee in accordance with Section 219 of the Land Title Act as follows:

- (1) The Transferor covenants and agrees with the Transferee that any building or structure, or any part of a building or structure, that is constructed, reconstructed, moved, extended or located on the Land shall have the following noise mitigation measures installed and maintained in all residential units:
 - (a) Double-glazed, Low-E, argon-filled windows having a Sound Transmission Class Rating of approximately STC 30;

- (b) Windows must be installed in a strategic manner so that they open away from dominant noise sources external to the building;
- (c) Constant ventilation via a dual-speed fan in each residential unit, allowing for continuous fresh air even when the windows are closed;
- (d) Building walls with a minimum of R20 thermal insulation; and
- (e) Majority of bedrooms must be located on the west side of the buildings.
- (2) In the event that Zoning Amendment Bylaw is not adopted by the Transferee on or before June 30, 2016, the Transferee will, at the Transferor's request, execute and deliver a discharge of this Agreement in registrable form within a reasonable time thereafter, provided that such discharge is prepared and registered at the Transferor's expense.
- (3) The Transferor shall indemnify and save harmless the Transferee from any and all claims, causes of action, suits, demands, fines, penalties, costs or expenses or legal fees whatsoever which anyone has or may have against the Transferee or which the Transferee incurs as a result of any loss or damage or injury, including economic loss, arising out of or connected with:
 - (a) the breach of any covenant in this Agreement; and
 - (b) restrictions or requirements under this Agreement.
- (4) Every obligation and covenant of the Transferor in this Agreement constitutes both a contractual obligation and a covenant granted under s. 219 of the Land Title Act in respect of the Land and this Agreement burdens the Land and runs with it and binds the successors in title to the Land. This Agreement burdens and charges all of the Land and any parcel into which it is subdivided by any means and any parcel into which the Land is consolidated. The Transferor is only liable for breaches of this Agreement that occur while the Transferor is the registered owner of the Land.
- (5) At the Transferor's expense, the Transferor must do everything necessary to secure priority of registration and interest for this Agreement over all registered and pending charges and encumbrances of a financial nature against the Land.
- (6) This Agreement does not:
 - (a) affect or limit the discretion, rights or powers of the Transferee under any enactment (as defined in the *Interpretation Act*, R.S.B.C. 1996, c. 238, on the reference date of this Agreement) or at common law in relation to the Transferor or the Land all of which may be exercised or enforced by the Transferee as if this Agreement did not exist,
 - (b) affect or limit any enactment relating to the use or subdivision of the Land, or
 - (c) relieve the Transferor from complying with any public or private enactment, including in relation to the use or subdivision of the Land.
- (7) The enforcement of this Agreement shall be entirely within the discretion of the Transferee and the execution and registration of the Agreement against title to the

Lands shall not be interpreted as creating any duty on the part of the Transferee to the Transferor or to any other person to enforce any provision of the breach of any provision of this Agreement.

- (8) Where the Transferee is required or permitted by this Agreement to form an opinion, exercise a discretion, express satisfaction, make a determination or give its consent, the Transferor agrees that the Transferee is under no public law duty of fairness or natural justice in that regard and agrees that the Transferee may do any of those things in the same manner as if it were a private party and not a public body.
- (9) No part of the title in fee simple to the soil shall pass to or be vested in the Transferee under or by virtue of these presents and the Transferor may fully use and enjoy all of the Land subject only to the rights and restrictions herein contained.
- (10) The parties hereto shall do and cause to be done all things and execute and cause to be executed all documents which may be necessary or desirable to give proper effect to the intention of this instrument.
- (11) This Agreement is the entire agreement between the parties regarding its subject and shall enure to the benefit of and be binding upon the parties hereto and their successors and assigns and their heirs and administrators respectively.
- (12) Whenever the singular or masculine are used they shall be construed as including the plural, feminine or body corporate where the context requires.

PRIORITY AGREEMENT

Vancouver City Savings Credit Union, the registered holder of a charges by way of Mortgages and Assignments of Rents registered against the Land, which said charges are registered in the Land Title Office at Victoria, British Columbia, under EX128529, EX128530, FB18910 and FB108911, for and in consideration of the sum of \$10.00 paid by the Transferee to the said chargeholder (the receipt whereof is hereby acknowledged), agrees with the Transferee, its successors and assigns, that the within Section 219 Covenant shall be an encumbrance upon the Land in priority to the said charges in the same manner and to the same effect as if it had been dated and registered prior to the said charges.

Dockside Green (Victoria) Society, the registered holder of a charge by way of a Rent Charge against the Lands which said charge is registered in the Land Title Office at Victoria, British Columbia, under number FB39584 for and in consideration of the sum of \$10.00 paid by the Transferee to the said chargeholder (the receipt whereof is hereby acknowledged), agrees with the Transferee, its successors and assigns, that the within Section 219 Covenant shall be an encumbrance upon the Land in priority to the said charge in the same manner and to the same effect as if it had been dated and registered prior to the said charge.

The parties hereto acknowledge that this Agreement has been duly executed and delivered by the parties executing Forms C and D attached hereto.

END OF DOCUMENT