## City of Richmond

## Report to Development Permit Panel

To: Development Permit Panel
From: Wayne Craig
Director of Development

Date: July 7, 2021
File: DP 19-878817

Re: Application by 1176782 B C Ltd for a Development Permit at 8100, 8120 \& 8180 Westminster Highway

## Staff Recommendation

That a Development Permit be issued which would:

1. Permit the construction of a high-rise mixed use development containing approximately $880.6 \mathrm{~m}^{2}\left(9,475 \mathrm{ft}^{2}\right)$ of commercial space and 130 dwellings (including 16 affordable housing units) at $8100,8120 \& 8180$ Westminster Highway on a site zoned "Downtown Commercial (CDT1)"; and
2. Vary the provisions of Richmond Zoning Bylaw 8500 to:
a) reduce the 3 m front setback for canopy overhang elements only, to 1.45 m .
b) apply the City Centre parking rate to the subject site.


Wayne Craig
Director of Development
(604-247-4625)
WC:rp
Att. 6

## Staff Report

## Origin

1176782 BC Ltd. has applied to the City of Richmond for permission to develop a 15 -storey concrete high-rise tower with 130 dwelling units, including 16 affordable housing units, and a four-storey parking podium at $8100,8120 \& 8200$ Westminster Highway on a site zoned "Downtown Commercial (CDT1)". The site currently contains four two-storey commercial buildings, which would be demolished. The Director of the numbered company 1176782 BC Ltd. is Chiqui Zhang. Chiqui Zhang is also co-director of Rise-Sun North America Real Estate Ltd., along with Jianming Geng, which is the developer for this project. A location map for the subject site is provided on Attachment 1.

There is no rezoning associated with this development.
A Servicing Agreement is required as a condition of development permit issuance and includes, but is not limited to, the following improvements:

- Construct a new 2.0 m ( 10 ft .) concrete sidewalk with extended walkway to curb along the front site frontage (i.e. the Westminster Hwy site frontage).
- Construct a new 1.5 m ( 5 ft .) concrete sidewalk and rollover curb along the west site frontage (i.e. along the westerly lane).
- Disconnect all existing water, drainage and sanitary connections to the subject site and install new service connections.
- Registration of a legal easement agreement is required, ensuring that any above-ground third party equipment, such as hydro/telephone kiosks, are not located within the project's frontage works. The exact right-of-way locations and dimensions of the PROP SRW would be confirmed through the Servicing Agreement process.


## Development Information

Please refer to attached Development Application Data Sheet (Attachment 2) for a comparison of the proposed development data with the relevant Bylaw requirements.

## Background

Development surrounding the subject site is as follows:

- To the north, across Westminster Highway, there are small, low-rise commercial developments designated under the City Centre Area Plan (CCAP) for high-density commercial and mixed-use development (Urban Core T6 (45 m) and Village Centre Bonus). Directly across from the subject site at 8131 Westminster Highway is an active development application (DP 18-797127) for a mixed use development consisting of a residential high-rise tower and mid-rise/parking podium, which was endorsed by the DP Panel on June 24, 2020. This DP would be forwarded to Council for consideration once the developer has satisfied the DP considerations associated with the proposed development.
- To the east is an existing mixed use development consisting of a residential high-rise tower and low-rise/parking podium at 8228 Westminster Highway (at the corner of Buswell Street). There is also a public lane that extends to and terminates at the east side of the subject site from Buswell Street.
- To the south is an existing parking structure that is attached via elevated walkway to a mixed use development consisting of a residential high-rise tower and mid-rise/parking podium at 6068 No. 3 Road.
- To the west is a public lane, across which is an existing mixed use development consisting of a residential high-rise tower and mid-rise/parking podium at 8068 No. 3 Road.


## Staff Comments

The proposed scheme attached to this report has satisfactorily addressed the significant urban design issues and other staff comments identified as part of the review of the subject Development Permit application.

The proposed development complies with the intent of the applicable sections of the Official Community Plan and is generally in compliance with the "Downtown Commercial (CDT1)" zone, except for the zoning variances noted below.

## Zoning Compliance/Variances (staff comments in bold)

The applicant requests to vary the provisions of Richmond Zoning Bylaw 8500 to

1) reduce the 3 m front setback for canopy overhang elements only, to 1.45 m .
(Staff support the proposed variance as the proposed encroaching canopies contribute to enhancing the interface with the public realm along Westminster Highway and providing protection from the elements, in accordance with design guidelines and Council Policy 9002, which supports canopy encroachments over sidewalks. The applicant has confirmed that there are no third-party utilities in the area that the canopy overhangs are proposed to project into.)
2) apply the City Centre parking rate to the subject site.
(Staff support the applying the City Centre parking rates to the site as the property is an existing CDT1 zoned site and the applicant has agreed to provide affordable housing in keeping with the City's Affordable Housing Policy. The CDT1 zone was excluded from automatically qualifying for the City Centre parking rates to incentivise the provision of affordable housing units. Transportation-related improvements are also being secured in the form of road dedication and frontage upgrades to ensure vehicle travel is accommodated in keeping with City standards.)

## Advisory Design Panel Comments

On May 5, 2021, the Advisory Design Panel (ADP) supported the subject Development Permit application moving forward to the Development Permit Panel, subject to the applicant giving consideration to the ADP's comments. A copy of the relevant excerpt from the Advisory Design

Panel Minutes is attached for reference (Attachment 3), together with the applicant's design response in 'bold italics'.

## Analysis

## Conditions of Adjacency

- The proposed development includes enhancement of the Westminster Highway streetscape with active commercial uses and a covered approach to the residential entry lobby.
- The interface with the proposed west (side) City lane is enhanced at street level with retail frontage that wraps the corner and a pedestrian walkway extending south from Westminster Highway to the south, a loading bay and parkade access at street level; on the upper storeys of the podium form, the west elevation proposes parkade fenestration, limited dwelling fenestration and a deck attached to a dwelling unit.
- There is an existing sanitary SRW along the rear lot line and along the southerly 15.5 m ( 51 ft .) of the east lot line. As a condition of Development Permit issuance, the applicant is required to replace the existing SRW with a new one that updates the language of the agreement and expands the SRW by 1.5 m (resulting in an ultimate 3 m ( 10 ft .) SRW width along the rear of the site and an ultimate 4.5 m ( 15 ft .) SRW width along the southerly portion of the east side of the site, in order to ensure proper access to the underground sanitary infrastructure as needed. No sanitary works are required through the SA for this project.
- Along the south lot line, the subject SRW area is proposed to be treated with a combination of artificial dog turf (as a dog run area), pedestrian pavers (for the dog owners), fencing and landscaping.
- Along the east lot line, the subject SRW area is proposed to be treated with a combination of paving (as a terminus and turnaround for the easterly lane) and landscaping.
- To the rear (south) of the site is an existing four-storey parking structure. The roof of the parking structure is landscaped and accessible by residents of 6068 No. 3 Road and users of the parkade. The interface with that parking structure includes a 7.5 m separation between buildings. On the subject site, the rear yard contains the aforementioned dog run area and landscaping, and on the other side of that shared lot line is a paved area $4.5 \mathrm{~m}(15 \mathrm{ft}$.$) wide,$ containing five Red Maple trees. Over both setback areas is an existing sanitary utility SRW that would be expanded on the subject site as part of this development. A new fence would be introduced along the shared lot line.
- A tiered massing is provided along the east side of the building, whereas the west side is more vertically-oriented. This asymmetry is effective in acknowledging the massing of buildings to the east and west of the subject site, and the massing context of the city block in general.
- The abutting podium to the east at 8228 Westminster Highway is lower than the proposed podium. That podium top includes landscaping, seating and a children's play structure, with a parapet and railing around its perimeter. The vast majority of the interface with the adjacent podium at 8228 Westminster Highway will be landscaped at a height equal to the abutting podium's parapet. The remaining non-landscaped portions of the east podium interface consists of:
- the proposed east stair vestibule, which is located approximately the mid point of the east side of the subject podium; and
- along the front most 10 m of the subject podium's east side, where it is unable to incorporate a stepped planter without impacting the easterly affordable housing dwelling below (on the fourth storey). This area will be treated with the with the terracotta rain screen that wraps around from the front elevation to add some colour and textural interest.
- The tower shape and placement on the subject site achieves the minimum 24 m tower spacing guideline in the CCAP.


## Urban Design and Site Planning

- Retail frontage is proposed along Westminster Highway (on both sides of the residential lobby entrance) and the northernmost portion of the west alley.
- An inset residential lobby entrance is proposed at the centre of the Westminster Highway frontage.
- Registration of a legal easement agreement is required, ensuring that that future owners of the building are aware of the potential impacts of the site's urban setting, including but not limited to the loss of view or sunlight as a result of off-site development.
- Registration of a flood indemnity covenant is required.
- The subject site would be required to be consolidated into a single lot prior to Development Permit issuance. Before the lots can be consolidated, the existing buildings must be demolished and the site cleared.


## Transportation

- The CCAP requires the expansion of rear lane and road networks. Road dedication is required along the north property line of 2 m width for future Westminster Highway road widening. Lane dedication is required along the west property lines of 3 m width (plus a 1.2 m corner cut).
- In accordance with the existing "Downtown Commercial (CDT1)" zoning, the density is calculated on the gross site area prior to road dedications being provided.
- The adjacent urban lane to the west of the subject site runs north-south, from Westminster Highway to Saba Road.
- The adjacent urban lane to the east of the subject site runs east-west, from Buswell Street and terminates at the east lot line of the site. This lane provides vehicle access to both 6133 and 6191 Buswell Street, and would not serve or otherwise impact the proposed development.
- All transportation improvements required with respect to the subject development will be designed and constructed at the owner's sole cost through the City's Standard Servicing Agreement processes as a consideration of the Development Permit. Key transportation improvements to be provided by the owner include:
- Along the Westminster Highway frontage: new 2.0 m wide concrete sidewalk at the new property line, street trees in tree grates and hardscaping behind existing curb and gutter, and maintain existing eastbound traffic lanes.
- Along the City lane frontage: new 1.5 m wide concrete sidewalk at the new property line and paving the lane along the west frontage, complete with roll-over curb.
- Because the solid waste pick up area does not meet the dimensional requirements for certain garbage and recycling trucks, signage informing solid waste service providers of the area dimensions are required to be included on the Building Permit drawings when the Building Permit is submitted.
- The applicant has agreed to voluntarily contribute to Traffic Intersection Upgrades for the intersection at Westminster Highway \& No. 3 Road.


## Parking and Access

- Vehicle access is proposed to the site from the required City lane at the west side of the development, which is accessed from Westminster Highway (via eastbound only) and Saba Road.
- The total number of parking spaces proposed to be provided on-site is 178 , including 147 for the use of the residents (of which 15 spaces are assigned to residents of affordable housing unit) and 31 spaces shared between commercial uses and residential visitors.
- A medium (SU-9) on-site loading spaces is provided on the west side of the site, accessed by, and parallel to, the west lane.
- Commercial parking is provided on the first storey (P1), whereas residential parking is provided on the upper storeys of the parkade (P2, P3 and P4).
- Short term class 2 bicycle storage is accommodated with bicycle racks dispersed within the front yard along Westminster Highway. Longer term class 1 bicycle storage is accommodated in shared secure bicycle storage areas located on all four levels of the parking structure, with commercial class 1 bicycle storage and end-of-trip facilities located on P1.
- Registration of a legal agreement is required, ensuring the provision of energized electric vehicle (EV) charging outlets for 10 per cent of the shared visitor/commercial parking spaces $(208 \mathrm{~V}-240 \mathrm{~V}) .100 \%$ of the residential parking spaces will be energized in accordance with the Zoning Bylaw requirements.
- Registration of a legal agreement is required, ensuring that tandem vehicle parking spaces are assigned to the same dwelling unit. All 16 sets of tandem parking spaces (consisting of 32 individual parking spaces) are located on P4.
- Registration of a legal agreement is required, ensuring that the shared visitor/commercial parking spaces, loading bay or bicycle storage will not be sold, leased, assigned, designated or allocated in any way, and that the conversion of bicycle storage areas into habitable space remain prohibited.


## Architectural Form and Character

- The proposed development contributes towards contemporary architectural expression including a high level of architectural design, articulation and material quality. The design includes articulation along the building facades, terraced building massing and a substantial podium with commercial base to anchor the building.
- The front elevation treatment of the podium wraps around to the north part of the west elevation, providing a more welcoming urban environment to the portion of the west elevation that would be visible from No. 3 Road and the Canada Line.
- The front elevation of the parkade (facing Westminster Highway) is screened by the retail units on the first and second storeys, and on the third and fourth storeys (in tandem with the affordable housing dwelling units on the fourth storey) by a red terracotta rain screen cladding that would be attached to the face of the parkade structure and building. This screening structure also wraps around to include the northerly portion of the west elevation.
- The proposed cladding materials (cement panel, metal panels, stainless steel perforated screens, window wall, and glass guard rails) are consistent with the Official Community Plan (OCP) guidelines and contribute towards a distinct identity and urban environment.
- The palette of colours includes light grey tones, with dark grey tone accents and a singular, bold terracotta accent across the podium above the retail units. When used in combination with variations in massing and materials, helps break up the massing, reinforce the identity of the project and project an interesting and contemporary image.
- Rooftop equipment will be located at the top floor level and screened.


## Landscape Design and Open Space Design

- The CCAP encourages the provision of additional open space to enhance the urban environment. The subject development's public open space contributions are provided along Westminster Highway and the northerly parts of the adjacent lane to the west.
- $1,132 \mathrm{~m}^{2}\left(12,185 \mathrm{ft}^{2}\right)$ of residential outdoor amenity space is provided atop the podium on the fifth storey that wraps around the east, south and west sides of the tower. This area includes a children's play area and is accessed through corridors on the fifth storey as well as via the adjacent indoor amenity area.
- Urban Agriculture plots for residents are provided in the southwest corner of the podium-top residential outdoor amenity area.
- $408 \mathrm{~m}^{2}\left(4,392 \mathrm{ft}^{2}\right)$ of the podium-top residential outdoor amenity area is dedicated as children's play area, which is designed to encourage children's play including:
- a prefabricated 'forest cottage' playhouse (to accommodate play for ages three and under) with wood seating stumps.
- a circular rubberized play mound, with embedded tunnels through the mound and embedded timber climbing poles (to accommodate play for ages 3 to 12) with a Snakebark Maple tree in the centre and rubberized surface surrounding the mound's fall zone.
- dense landscaping on the east and southeast sides of the play areas. The easterly landscaping is stepped down in a lowered planter in order to improve the interface with the abutting podium to the east at 8228 Westminster Highway.
- Three bistro tables, each with four chairs, are provided between the children's play area and the indoor amenity area, for easy supervision of children.
- Private outdoor patios or balconies are provided for all dwelling units.
- A dog run is proposed in the centre of the 3.0 m deep rear yard, which is over a required 3.0 m sanitary SRW. The $51.5 \mathrm{~m}^{2} \mathrm{dog}$ area includes artificial dog turf and urine-tolerant grass planting, and is fenced off with a 1.26 m high steel post fence and gate at the east and west extents of the artificial turf area. To the east and west of the dog area are pedestrian areas (each approximately $30 \mathrm{~m}^{2}$ in size exclusive of landscaping) that include pavers ground treatment and low, CPTED-friendly and shade-tolerant plantings.
- The dog run area is accessed via the pedestrian rear yard areas, which are in turn accessed from the parkade interior (P1).
- Access to the rear yard is restricted by 1.87 m high steel post fence along the rear lot line, south of the vehicle access gate adjacent to the west lane and south of the easterly lane turnaround on the east side of the site.
- There are several green roof areas proposed throughout the building, each of which would not be accessible to residents:
- The northeast corner of the fifth storey podium top would be planted with patterned sedum and magnolia trees, establishing an effective buffer between the proposed building and the adjacent podium to the east at 8228 Westminster Highway.
- Seventh storey rooftop (i.e. L8), which will not be accessible, is proposed to be landscaped with patterned sedum.
- All landscaped areas will be serviced by an irrigation system.
- Prior to forwarding the subject application to Council, the applicant is required to provide to the City, a Letter of Credit for landscaping in the amount of $\$ 739,457.95$, as estimated by the project Landscape Architect and including a $10 \%$ contingency to ensure that on-site landscape features are provided in accordance with the Development Permit.
- Five off-site trees (trees \#643-647; all Red Maple trees in good-to-fair condition), one street tree (tree \# 642; also a Red Maple tree in fair condition), and three on-site trees were identified on the tree survey. The off-site trees and the street tree were identified for retention, and the total tree survival security is $\$ 12,500$.
- The tree survival security for the street tree is $\$ 5,000$.
- The tree survival security for the five off-site tree is $\$ 7,500(5 \times \$ 1,500)$.
- There are no bylaw-sized trees on-site. There are 56 trees being planted on-site.
- Prior to issuance of the Development Permit, the applicant must submit a contract with the project arborist ensuring that they are on-site during any construction works within a tree protection zone of a retained tree, and also to require the arborist's site monitoring inspections and a post-construction assessment report which would be submitted to the City for review.


## Exterior Lighting

- At the front of the building, exterior lighting is only proposed on street level. Wall sconces are proposed along the Westminster retail storefronts for pedestrian safety and as a general CPTED best-practice. Soffit lights are proposed along the east retail frontage where the terra cotta volume overhangs. Wall sconces are proposed on both sides of the inset approach to the residential lobby entrance. No lights would be provided on the building canopies.
- The west lane is proposed to have wall-mounted lights at street level (regular interval) for pedestrian safety and as a general CPTED best-practice. The lane will also have street lamps per standard city lane improvement requirements.
- The rear yard is proposed to be lit by wall-mounted lights at street level (regular interval) as a general CPTED best-practice.
- A portion of the parkade lights would be activated by motion sensors (part of energy conservation measures), which would reduce the amount of light emitting thru the openings on the south, west \& east walls. Surrounding buildings include parkade podiums of comparable height and fenestration. The applicant has confirmed that headlights cast from the subject parking structure would not impact neighbouring buildings.
- With the exception of lights over exterior fire exit doors on the fifth storey roof garden (which are required via Building Code), there will be no exterior lights attached to the tower, including no exterior lights on the balconies \& patios accessed from individual dwelling units.
- Landscape lighting on the fifth storey roof garden would consist only of path lighting. The path lighting is proposed as downlights recessed into the sides of concrete planter walls.


## Crime Prevention Through Environmental Design

- CPTED measures enhance safety and personal security in and around the proposed building.
- Along the Westminster Highway frontage, building entries are clearly visible and easily recognizable, with paving treatments that delineate the pubic, semi-public, and private spaces. Natural surveillance is enhanced at street level by the extensive amount of retail glazing.
- Along the west lane, a raised sidewalk and new street lamps enhance pedestrian safety. The retail glazing wraps around and extends down the lane from Westminster providing additional natural surveillance. There are no blind corners or hidden alcoves \& recesses. The area outside the loading, garbage collection, and parkade entry would be clearly visible and well-lit.
- The rear yard is fenced in, with an open picket fence design to maximize natural surveillance and to delineate the space as a semi-private area, and programmed with a dog area to encourage its regular use. The rear yard is fully open to view from the parkade interior and from the west lane, with wide building openings along the length of the space to allow easy physical and visual connection. Planted areas are minimized and are planted with low groundcover and hedges to prevent obstructing natural surveillance, eliminate hiding opportunities, and easy maintenance to give an impression of ownership, care, and security. Exterior lighting, placed at regular intervals, provides visibility. The upper levels of the parkade facing the rear yard have large openings to promote a sense of natural surveillance (note that the neighbouring building to the south also has large openings facing this rear yard).
- The parkade has an open floor plan design for clear line of sight. Hidden recesses and alcoves are avoided. Painted paths are provided to allow protected pedestrian access outside of drive aisles to the dog area. The residential parkade is separated from the commercial parkade by a security gate. Access to elevator lobbies and exit stairwells are clearly visible. Elevator lobbies have clear-glazed enclosures for better natural surveillance, and are equipped with controlled-access (card reader) and CCTV systems. All bicycle storage rooms are enclosed with solid opaque walls and have steel doors \& frames with safety glazing for permanent visual access. Doors are hinged on the inside to prevent tampering. Access to bicycle rooms is via a card reader controlled-access system. The entire interior of the bicycle rooms are also visible from its entry door.
- The residential lobby is a single-point entry to the residential tower, with all other access points required for fire egress are restricted to exit only. The lobby is easily visible from the street and is well lit for natural surveillance. Access is via a card reader controlled-access system and a CCTV system would also be employed.
- Common indoor amenity spaces are located to allow natural surveillance and include windows adjacent common corridors and the exterior. The interior of each amenity room is visible through its entry door. The exterior amenity garden on the fifth storey allows natural surveillance from the surrounding dwelling units, and there is also clear delineation between private patio areas and common areas.


## Public Art

- As a consideration of Development Permit issuance, the applicant has offered to make a cash-in-lieu contribution to the City's Public Art Program. Public Art staff have proposed that part of the contribution be used to install an art work on the terracotta rain screen on the second to fourth story of the front and west elevations of the building to celebrate the Brighouse Village Centre. The applicant is supportive of this proposal and the general location and budget details are included in the attached Public Art Plan (Attachment 4).
- The associated Public Art Plan was considered and endorsed by the Richmond Public Art Advisory Committee (RPAAC) on April 20, 2021.
- Should the proposal move forward, the artist and art concept selection process is expected to be completed in the autumn of 2021. Once the art concept is determined and the technicalities of its implementation within the facade are fully understood, a General Compliance application will be required to modify the approved Development Permit and a general compliance report will be brought forward to the DP Panel for consideration.
- As a consideration of Development Permit issuance, the property owner will register an agreement on title to ensure that the public art installations are maintained by the owner should the public art be installed on the building as envisioned.
- Prior to Development Permit issuance, the developer shall submit a Letter of Credit for $\$ 98,134.16$ in order to secure the implementation of the Detailed Public Art Plan.


## Affordable Housing

- In compliance with the City's Affordable Housing Strategy, the owner proposes to design and construct 16 low-end-of-market rental units, comprising at least $967.04 \mathrm{~m}^{2}\left(10,409 \mathrm{ft}^{2}\right)$ of habitable space, based on 10 per cent of the development's total residential floor area. Occupants of these units will enjoy full use of all residential amenity spaces, parking, bicycle storage, and related features, at no additional charge to the affordable housing occupants.
- Affordable housing units are located on the fourth storey (nine dwelling units) and on the sixth storey (seven dwelling units).
- The applicant has engaged with a Non-Profit Organization (S.U.C.C.E.S.S) to manage the affordable housing dwelling units. A memorandum of understanding from the organization, which confirms the intent to enter into a 20 -year lease agreement with the developer to provide management operations and maintenance services for the affordable housing component of the proposed development, is provided on Attachment 5.
- The proposed building includes $968.3 \mathrm{~m}^{2}\left(10,423 \mathrm{ft}^{2}\right)$ of floor area exclusive to Affordable Housing dwelling units, which exceeds the minimum.
- Prior to Development Permit issuance, a Housing Agreement and Housing Covenant will be registered on title requiring that the owner satisfies all City requirements in perpetuity.

| Unit Type | Affordable Housing Strategy Requirements |  |  | Project Targets |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | Minimum Unit Area | Maximum Monthly <br> Unit Rent | Total Maximum <br> Household Income | Unit <br> Mix | Number of <br> Units |
| Studio | $37 \mathrm{~m}^{2}\left(400 \mathrm{ft}^{2}\right)$ | $\$ 811$ | $\$ 34,650$ or less | $6.3 \%$ | 1 |
| 1-Bedroom | $50 \mathrm{~m}^{2}\left(535 \mathrm{ft}^{2}\right)$ | $\$ 975$ | $\$ 38,250$ or less | $62.5 \%$ | 10 |
| 2-Bedroom | $69 \mathrm{~m}^{2}\left(741 \mathrm{ft}^{2}\right)$ | $\$ 1,218$ | $\$ 46,800$ or less | $25.0 \%$ | 4 |
| 3-Bedroom | $91 \mathrm{~m}^{2}\left(980 \mathrm{ft}^{2}\right)$ | $\$ 1,480$ | $\$ 58,050$ or less | $6.3 \%$ | 1 |
| Total | $967.0 \mathrm{~m}^{2}\left(10,409 \mathrm{ft}^{2}\right)$ | N/A | N/A | $\mathbf{1 0 0 \%}$ | $\mathbf{1 6}$ |

Denotes the council-approved rates as of July 24, 2017. Rates may be adjusted periodically as provided for under adopted City policy.
** $88 \%$ of affordable housing units meet Richmond Basic Universal Housing (BUH) standards.

## Accessible Housing

- 14 of the 16 affordable housing units in the proposed development are basic universal housing units that are designed to be easily renovated to accommodate a future resident in a wheelchair. These units are required to incorporate all of the accessibility provisions listed in the Basic Universal Housing Features section of the City's Zoning Bylaw, and are permitted a density exclusion of $1.86 \mathrm{~m}^{2}\left(20 \mathrm{ft}^{2}\right)$ per unit.
- All of the proposed units incorporate aging in place features to accommodate mobility constraints associated with aging. These features include:
- stairwell hand rails.
- lever-type handles for plumbing fixtures and door handles.
- solid blocking in washroom walls to facilitate future grab bar installation beside toilets, bathtubs and showers.
- Wheelchair access is accommodated in all interior and exterior common areas and corridors to unit entries.


## Child Care

- The developer would provide a voluntary cash contribution of $\$ 0.80$ per buildable square foot to the City's child care fund, resulting in a total contribution of $\$ 90,855.24$.


## Sustainability Measures

- The building is proposed to be District Energy Utility (DEU) compatible and mechanical system would be designed to facilitate a future connection to a City utility. Registration of a legal agreement on title is required, securing the owner's commitment to connect to a DEU that provides that no Building Permit will be issued unless the building is designed with the capability to connect to and be serviced by a DEU. The owner will also be required to provide mechanical drawings and energy modeling, which shall be reviewed by the City and LIEC for compliance with DEU requirements (i.e. capable of connecting to a future DEU system) prior to Building Permit issuance.
- The proposed building would be required to achieve Step 3 of the BC Building Step Code.


## Urban Noise \& Noise Mitigation

- The site is located in an area impacted by aircraft noise (Area 4) and registration of an aircraft noise sensitive use legal agreement on title is a consideration of the Development Permit. As part of the Building Permit (BP) process, the applicant is required to design and construct the building in a manner that mitigates potential aircraft noise to the proposed dwelling units. Submitted acoustic and mechanical engineering information indicate the proposal dwelling units will achieve the required:
- CMHC guidelines for interior noise levels as indicated in the chart below:

| Portions of Dwelling Units | Noise Levels (decibels) |
| :--- | :---: |
| 0 Bedrooms | 35 decibels |
| Living, dining, recreation rooms | 40 decibels |
| Kitchen, bathrooms, hallways, and utility rooms | 45 decibels |

- The ASHRAE 55-2004 "Thermal Environmental Conditions for Human Occupancy" standard for interior living spaces.
- Registration of a legal easement agreement is required, identifying that the proposed development must be designed and constructed in a manner that mitigates potential aircraft noise to dwelling units.
- An acoustical and mechanical report and recommendations, prepared by an appropriate registered professional, is required prior to Development Permit issuance. This report would demonstrates that the interior noise levels and noise mitigation standards comply with the City's Official Community Plan and Noise Bylaw requirements.
- Registration of a legal easement agreement is required, ensuring that that future owners of the building are aware of the potential noise impacts originating from the on-site commercial uses.


## Conclusions

As the proposed development would meet applicable policies and Development Permit Guidelines, staff recommend that the Development Permit be endorsed, and issuance by Council be recommended.

The list of Development Permit Considerations is included in Attachment 6, which has been agreed to by the applicant (signed concurrence on file).


Planner 2
(604-276-4200)

RP:js
Attachments
Attachment 1: Location Map
Attachment 2: Development Application Data Sheet
Attachment 3: Excerpt from the Meeting Minutes of the ADP (May 5, 2021)
Attachment 4: Public Art Plan
Attachment 5: Letter from S.U.C.C.E.S.S.
Attachment 6: Development Permit Considerations


City of
Richmond


## Attachment 2

Address: $\quad 8100,8120 \& 8180$ Westminster Highway
Applicant: 1176782 BC Ltd.
Owner: 1176782 BC Ltd.
Planning Area(s): City Centre Area Plan (Brighouse Village), Sub-Area B. 4
Floor Area Gross: $11,299.42 \mathrm{~m}^{2}$
Floor Area Net: $10,550.91 \mathrm{~m}^{2}$

|  | Existing | Proposed |
| :--- | :---: | :---: |
| Site Area: | $3,127.20 \mathrm{~m}^{2}$ | $2,877.48 \mathrm{~m}^{2}$ |
| Land Uses: | Commercial | Commercial, Multi-Family |
| Residential |  |  |
| OCP Designation: | Downtown Mixed Use | No change |
| Zoning: | CDT1 | No change |
| Number of Units: | 0 | 130 |


|  | Bylaw Requirement | Proposed | Variance |
| :---: | :---: | :---: | :---: |
| Floor Area Ratio: | 3.33 Base (incl. 0.33 FAR bonus for providing affordable housing and child care cash-in-lieu) | 3.33 FAR <br> plus DEU Bonus ( $1.0 \mathrm{~m}^{2}$ per dwelling unit) \& BUH Exemption ( $1.86 \mathrm{~m}^{2}$ applied to 7 dwelling units) Total proposed FAR: 3.37 | None permitted |
| Lot Coverage: | Max. 90\% | 37\% | None |
| Setback - Front Yard: | Min. 3.0 m | $3.0 \mathrm{~m}$ <br> (except for canopy overhang elements, which are set back 1.45 m ) | Yes |
| Setback - Side Yard: | Min. 0.0 m | 0.0 m | None |
| Setback - Side Yard: | Min. 0.0 m | 0.0 m | None |
| Setback - Rear Yard: | Min. 3.0 m | $\begin{gathered} 3.0 \mathrm{~m} \\ (0.0 \mathrm{~m} \text { to sanitary SRW) } \end{gathered}$ | None |
| Height (m): | Max. 47.0 m (GSC*) above geodetic | 46.96 m (GSC) above geodetic | None |
| Off-street Parking Spaces Regular/Commercial: | Commercial: 30 min . Residential: 129 min . | Commercial: 30 <br> Residential: 140 | Yes <br> (to apply City Centre parking rates) |
| Off-street Parking Spaces Accessible: | Commercial: 1 min . Residential: 3 min . | Commercial: 1 <br> Residential: 4 | None |


| Total off-street Spaces: | 159 | 170 | None |
| :--- | :---: | :---: | :---: |
| Tandem Parking Spaces | Max. $50 \%$ of market <br> residential spaces | 16 sets (32 spaces), or $23 \%$ | None |
| Amenity Space - Indoor: | OCP: Min. $100 \mathrm{~m}^{2}$ | $168 \mathrm{~m}^{2}$ | None |
|  | OCP: Min. $6.0 \mathrm{~m}^{2} / \mathrm{unit}=$ <br> $780 \mathrm{~m}^{2}$, of which <br> $3.0 \mathrm{~m}^{2} / \mathrm{nit}=390 \mathrm{~m}^{2}$ is <br> for children's play area, <br> plus | $1,132 \mathrm{~m}^{2}, \mathrm{~m}^{2}$ is <br> (of which $408 \mathrm{~m}^{2}$ <br> Child-friendly play area) | None |
| Amenity Space - Outdoor: | CCAP: Min. $10 \%$ of net <br> site area $=287.75 \mathrm{~m}^{2}$ <br> Total Min. $=1,067.75 \mathrm{~m}^{2}$ |  |  |

# Excerpt from the Minutes from The Design Panel Meeting 

Wednesday, May 5, 2021-4:00 p.m.

Rm. M.1.003
Richmond City Hall

## DP 19-878817-15-STOREY HIGH RISE TOWER MIXED USE DEVELOPMENT

ETA Landscape Architecture

PROPERTY LOCATION: 8100,8120 and 8200 Westminster Highway

## Applicant's Presentation

Architects Wing Ting Leung and Konning Tam, W.T. Leung Architecture Inc., Landscape Architect Jocelle Smith, ETA Landscape Architecture, Jason Packer, Recollective, and Peter Kuo, Williams Engineering, presented the project and answered queries from the Panel.

## Panel Discussion

Comments from Panel members were as follows:

- appreciate the provision of 16 affordable housing units all designed with Basic Universal Housing (BUH) features;
- also appreciate the provision of wheelchair access to the balconies of all units with BUH features;
- consider adding more accessible parking spaces than what is required by the City considering the number of accessible units that are being provided and the present and future needs of the City's aging population;
- appreciate the applicant's informative presentation;
- appreciate the applicant for targeting Step 3 of the BC Energy Step Code in terms of energy efficiency;
- consider enhancing the design of louvers on the façade of CRUs considering their importance to the aesthetics of the building and from a public realm perspective;
- consider the ventilation and exhaust system requirements and exterior façade design should one of the CRUs be utilized as a restaurant space;
- appreciate the design of the building and its separation from surrounding towers; like the massing and articulation of the building façade; not concerned with the building exceeding the maximum tower floorplate as provided in the CCAP guidelines due to the proposed articulation of the tower massing;
- reconsider the proposed dog run area on the south property line as it lacks sun exposure and could only be accessed from inside the building; the proposed amenity would not provide a good experience for users;
- consider extending the CRU frontage at the northwest corner (i.e., at the corner of Westminster Highway and the public lane) to active the public lane;
- appreciate the terra cotta screening that appears to float above the ground level retail spaces; creates a strong presence to the project; reconsider pulling out the podium street wall at the east end to preserve the design intent for the floating volume:
- consider incorporating outdoor patio spaces for dining along the frontage of CRU spaces to help activate the public realm, maximize the use of CRU spaces, and address business and health concerns for the present and future pandemics;
- consider installing appropriate types of doors (e.g. roll up doors) for the CRUs to enhance indoor-outdoor connection especially during summer; look at coffee shops along Main Street in Vancouver as precedent;
- appreciate the presentation which is easy to follow;
- the programming and choice of materials for the podium level shared outdoor amenity area are appropriate; appreciate the series of outdoor rooms being created; the programming for the play area is well thought out; appreciate the installation of natural play elements in the play area;
- consider incorporating a water feature with play value on the shared outdoor amenity area;
- appreciate the choice of planting materials on the podium; consider introducing the same planting strategy, i.e. pollinator planting, for the extensive green roofs rather than just sedum planting;
- ensure appropriate soil depth for planters on the podium level;
- support the Panel comment that the proposed dog run area on the south property line could be problematic due to its proximity to adjacent developments; consider opportunities for programming of the widened SRW area along the rear of the subject site;
- there is contrast between the CRU units and the entrance to the residential tower; consider stronger articulation on the ground level;
- support the Panel comment to provide usable outdoor spaces for CRUs as it would enhance the public realm along Westminster Highway;
- overall, the proposed development is well thought out;
- in general, appreciate the slender tower form with a north-south orientation, which is the most successful feature of the project together with the strip of balconies; more successful than the vertical zigzag pattern;
- appreciate the light-coloured cladding of the tower which helps blend in with the sky and the terra cotta screening which anchors the building on the ground plane;
- support the recessed entry for the residential tower which creates a private zone and provides a natural wayfinding for the residential uses of the building;
- support the introduction of horizontal and vertical slots which are generally successful; however, there is missed opportunity for the horizontal slot underneath the balconies at Level 11 which could have been carried all the way across to the east; this would have helped clarify the tower's distinct volumes;
- in general, support the additional tower floor plate; however, does not fully support the "bump" on the east side of the tower on the $8^{\text {th }}, 9^{\text {th }}$ and $10^{\text {th }}$ storeys which appears to contradict the design intent of the building architecture (i.e., slim tower profile facing Westminster Highway);
- appreciate the terra cotta screening; the applicant is encouraged not to bring it down to grade to preserve its design intent to create a floating horizontal volume;
- consider recessing the west side of CRU No. 101 slightly inward to further celebrate the terra cotta screening as a floating volume;
- consider installing additional security features for the bicycle rooms (e.g. removing automatic door openers and adding more deadbolt locks) to prevent thefts in the parkade;
- appreciate the massing on the east side of the building broken down and stepped down and the west side massing not stepped down and flat and aligns with the adjacent development to the west; the proposed development fits well with its existing site context;
- not concerned with the building exceeding the maximum tower floorplate as per the CCAP's guidelines; the slender tower form is successful when viewed from Westminster Highway and from the south; the building may appear a bit bulky looking from the east and west but not dramatic;
- appreciate the terra cotta floating volume; however, the two pieces on both sides of the residential tower are very similar; consider either making them identical, i.e., symmetrically similar, or differentiate them, e.g. adding more terra cotta to the top;
- not concerned with the "bump" as it works well on the stepped down massing on the east side of the building;
- concerned with the usability of the proposed dog run area at the rear of the building as a dog run area is already provided at the shared outdoor amenity area on Level 5 which would be preferred by residents due to its better location; consider alternative programming for the dog run space on ground level, e.g. potential space for bike storage;
- appreciate the proposed use of cementitious panels around the buildings; commend the applicant for the choice of building materials and colours;
- the project would be a good addition to the area;
- new buildings in the City are targets for break-ins and thefts; consider installing CCTV cameras in the parkade and installing adequate lighting; and
- support the Panel comment to enhance the security for bike storage and enclosures in the parkade.


## Panel Decision

It was moved and seconded
That DP 19-878817 be supported to move forward to the Development Permit Panel subject to the applicant giving consideration to the comments of the Advisory Design Panel.

CARRIED

No. DP 19-878817

| To the Holder: | 1176782 B C Ltd |
| :--- | :--- |
| Property Address: | $8100,8120 \& 8180$ WESTMINSTER HIGHWAY |
| Address: | $215-10451$ SHELLBRIDGE WAY, RICHMOND BC V6X 2W8 <br>  |

1. This Development Permit is issued subject to compliance with all of the Bylaws of the City applicable thereto, except as specifically varied or supplemented by this Permit.
2. This Development Permit applies to and only to those lands shown cross-hatched on the attached Schedule "A" and any and all buildings, structures and other development thereon.
3. Vary the provisions of Richmond Zoning Bylaw 8500 to:
a) reduce the 3 m front setback for canopy overhang elements only, to 1.45 m .
b) apply the City Centre parking rate to the subject site.
4. Subject to Section 490 of the Local Government Act, R.S.B.C.: buildings and structures; off-street parking and loading facilities; roads and parking areas; and landscaping and screening shall be constructed generally in accordance with Plans \#1 to \#47 attached hereto.
5. Sanitary sewers, water, drainage, highways, street lighting, underground wiring, and sidewalks, shall be provided as required.
6. As a condition of the issuance of this Permit, the City is holding the security in the amount of $\$ 725,949.95$ to ensure that development is carried out in accordance with the terms and conditions of this Permit. Should any interest be earned upon the security, it shall accrue to the Holder if the security is returned. The condition of the posting of the security is that should the Holder fail to carry out the development hereby authorized, according to the terms and conditions of this Permit within the time provided, the City may use the security to carry out the work by its servants, agents or contractors, and any surplus shall be paid over to the Holder. Should the Holder carry out the development permitted by this permit within the time set out herein, the security shall be returned to the Holder. The City may retain the security for up to one year after inspection of the completed landscaping in order to ensure that plant material has survived.
7. If the Holder does not commence the construction permitted by this Permit within 24 months of the date of this Permit, this Permit shall lapse and the security shall be returned in full.

# Development Permit 

No. DP 19-878817

| To the Holder: | 1176782 B C Ltd |
| :--- | :--- |
| Property Address: | $8100,8120 \& 8180$ Westminster Highway |
| Address: | $215-10451$ SHELLBRIDGE WAY, RICHMOND BC V6X 2W8 <br>  |

7. The land described herein shall be developed generally in accordance with the terms and conditions and provisions of this Permit and any plans and specifications attached to this Permit which shall form a part hereof.
This Permit is not a Building Permit.

AUTHORIZING RESOLUTION NO.
ISSUED BY THE COUNCIL THE DAY OF

DELIVERED THIS DAY OF

MAYOR

## Attachment 4

荣㳫
RiseSun

## DETAILED PUBLIC ART PLAN 8100 WESTMINSTER HWY

SUBMITTED APRIL 13, 2021

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## PROJECT DETAILS

PROJECT ADDRESS<br>LEGAL ADDRESS<br>8100-8180 WESTMINSTER HWY<br>Lots 1, 2, and 3 Section 9 Block 4 North Range<br>6 New Westminster District Plan 8649<br>TOTAL FAR SITE AREA<br>PUBLIC ART BUDGET<br>$\$ 98,134.16$

## PROJECT CONSULTANTS

PROJECT OWNER | RISESUN NORTH AMERICA REAL ESTATE LTD.
400-999 W Broadway
Vancouver, BC V5Z 1K5

ARCHITECT \| W.T.LEUNG ARCHITECTS INC
973 W Broadway wing@wtleungarch.com
Vancouver, BC V5Z 1K3
Wing Leung | Principal
(604) 736-9711
wing@wtleungarch.com

LANDSCAPE ARCHITECT | ETA LANDSCAPE ARCHITECTURE
1690 W 2nd Ave
Vancouver, BC V6J 1H4

PUBLIC ART CONSULTANT | BALLARD FINE ART LTD.
1243 Duchess Avenue
West Vancouver, BC V7T 1H3

Jan Ballard| Principal
(604) 922-6843
jan@ballardfineart.com

## INTRODUCTION



Richmond City Centre, Aerial View

8100 Westminster Hwy is a mixed-use housing development located on Westminster Hwy in the evolving Brighouse neighbourhood within Richmond City Centre. Fronted by Westminster Hwy, with No. 3 Rd to the west and Buswell St to the east, this connected site offers an exciting opportunity for an engaging public artwork which reflects the unique qualities of the area.

To ensure the highest quality, creativity, and originality of the public artwork, RiseSun North America Real Estate Ltd. has engaged Ballard Fine Art Ltd. to provide public art consultation. Ballard Fine Art will strive to support the City of Richmond's Public Art Program goals by facilitating a public art work that creates distinctive public spaces, enhances the sense of community place and civic pride and increases connectivity within the area. Rise Sun North America is looking forward to working with the City of Richmond and the selected artist to facilitate a dynamic public artwork that will contribute to the artistic and cultural landscape of the Brighouse Village neighbourhood and the greater Richmond Community.

## CONTEXT PLAN



Context Map showing 8100 Westminster Hwy site location within the Brighouse Village neighbourhood of the City of Richmond

## PROJECT DESCRIPTION



Perspective view looking SE from Westminster Hwy, Rendering

8100 Westminster Hwy is envisioned as an urban, mixed use, residential development offering of a 15-storey residential tower stepped back at the upper levels above a mixed-use retail residential podium. The set back podium design and varied building forms create a unified transition to the surrounding community; the podium level boasts a unique outdoor space with a range of centralized amenities for residents including a children's play area, outdoor community dining and an extensive roof garden. The project features a total of 114 market condo units in addition to a proposed 16 affordable units, ranging from studio, one-, two-, and three-bedroom homes. The residential offering is complimented by $9,744.58$ sq.ft of street-level retail space. The sophisticated palate and the carefully considered lines of the building are refined and welcoming, designed to create a friendly, livable environment for residents, workers, and visitors alike.

Located just a few blocks from the Richmond Brighouse Station and in close proximity to a myriad of amenities, services and important community infrastructure, this dynamic and connected site offers a lively retail/commercial frontage, which will further activate Westminster Hwy and help to generate pedestrian activity along the street and throughout the Brighouse neighborhood. Envisioned as an integral part of Brighouses' growing community and responding to the City Centre Area Plan vision to "build community", "build green", "build economic vitality" and "build a legacy," 8100 Westminster Hwy seeks to create a distinct framework in which to live, work and play, while fostering dialogue and connectivity among residents of this evolving Richmond neighborhood.


[^0]
## LANDSCAPE PLAN




## PUBLIC REALM



Annual Picnic at Brighouse Square, organized by Minoru Senior Centre


Richmond Public Library Brighouse Branch

8100 Westminster Hwy is proposed as a modern and inclusive urban community. Its central and accessible location within Brighouse Village in the Richmond City Centre places residents close to a multitude of amenities, city services and parks at the core of this burgeoning neighborhood. Brighouse Village is one of six key neighborhoods identified for growth under the City Centre Area Plan, benefiting from the rich social and cultural history of its surroundings, the development and public art will respond to the diverse needs of both residents and visitors by increasing connectivity and cultivating a welcoming and all-inclusive public realm befitting of this vital location.

Designated as the "Civic Heart" and inclusive of Richmond's civic offices and a range of community services, Brighouse Village is envisioned as a high density, pedestrian friendly, retail high street with multiple family housing developments, offices and hotels. With the Canada Line-Brighouse Station and transit hubs close by, 8100 Westminster Hwy provides high connectivity for the residents to other areas of Richmond and the rest of Metro Vancouver.


Richmond World Festival at Minoru Park


Richmond-Brighouse Station

## Specific Land Use Map: Brighouse Village (2031) ${ }^{\text {Bysame } 8.8927}$



Aylaw :0020 Maximum building height may be subject to established Aipport Zoning Regulations in certaith areas.
$209905: 2$.
 Hicks

The close proximity to shopping and services provides easy access for residents and encourages walking and cycling. 8100 Westminster Hwy is situated less than a block from Richmond Centre Shopping Mall, additionally the development is close to the Richmond Hospital, which is just 1.1 kilometers from the site, the expansive Minoru Park is just 1.9 kilometers away which includes the Minoru Center for Active Living, Minoru Arenas, two artificial turf playing fields, tennis courts, Minoru Lakes and Pierrefonds Gardens Walking Trail, Richmond Brighouse Library and Richmond Art Gallery. William Cook Elementary School, Richmond City Centre Community Centre, Brighouse Park and Garden City Community Park are also close by.

The new development at 8100 Westminster Hwy will enliven and enrich the area with street scape improvements and a new enclave of retail storefront which will enhance public pedestrian experience and connections, enliven the street scape and energize the neighbourhood to create a friendly and connected public realm.


Public Connectivity


Minoru Park

## COMMUNITY CONTEXT



A Coast Salish fishing camp along Fraser River


The City of Richmond is uniquely situated on Lulu Island at the mouth of the Fraser River. Comprised of a total of 17 islands, including Sea Island and other smaller islets, Richmond's human history has long depended on the use of the River. For thousands of years prior to European arrival, the Coast Salish peoples established seasonal dwellings and permanent residences, using the area for harvesting berries and fishing salmon. An ecologically vital gathering ground rich with shellfish and young salmonids, the Fraser River was a critical living and food-gathering place, offering the First Nations Peoples a life of abundance prior to European settlement.

As early as the 1860 's, settlers began to clear the fertile land for farming. Agriculture dominated early land use in the area and the many dairy and vegetable farms earned Richmond the nickname of "Garden City" by the early 1900's for supplying food for the City of Vancouver. The early settlements were near the Fraser River, facilitating transportation by water and encouraging the migration of fishers from First Nations, Japanese, Chinese, and European heritage. Close proximity to the Fraser River-which runs $1,325 \mathrm{~km}$ from its headwaters in eastern British Columbia to its mouth at the Strait of Georgia in the City of Vancouver-provided easy transport and access, influencing the growth of industries such as boat building and fish canning.


Richmond's original Tawn Hall, left, the Agricultural Hall, centre, and the Richmond Methodist Church, now Minoru Chapel


Brighouse area, showing Richmond High School, Brighouse Race Track and Middle Arm of the Froser River, 1953


Street Celebration at Richmond Brighouse Station


Lunar New Year Festival, Richmond

Samuel Brighouse, for whom Brighouse Village was named, played a key role in the early development of the area. An early investor in agriculture and prominent business man in the Lower Mainland, he immigrated to Canada from the U.K. with his cousin John Morton. Looking to expand his business, Brighouse acquired 697 acres on Lulu Island in 1864 and began cultivating the property with crops and livestock. In 1880 Brighouse sold five acres of his Lulu Island property, at the present intersection of River and Cambie Roads, to the Township of Richmond for $\$ 400$. This site became home to the first Richmond Town Hall.

Incorporated as a municipality in 1879 and designated as a City in 1990, Richmond has continued to grow and develop with remarkable speed, transforming from a rural, local community to a dynamic urban center. Today, the City of Richmond is characterized by its strong sense of community, with an ethnically diverse and continually growing population. According to the City Center Area Plan the Richmond City Centre Population is expected to triple over the next 100 years making Richmond a major center within Metro Vancouver.


Vancouver International Airport, Richmond


Richmond City Centre Community Centre, Summer Camp

## PUBLIC ART CONTEXT



Public Art Context Map

Public art plays a key role in the well-being of individuals, communities and society by energizing public spaces, inspiring thought and dialogue, and transforming sites of work, live and play into welcoming, engaging and enjoyable environments. Reflecting the City of Richmond's unique identity, history, and culture, the public artwork at 8100 Westminster Hwy will operate within the City's Public Art Program and will seek to offer public access to ideas generated by contemporary art, encourage citizens to take pride in cultural expression, and transform the places where we live, work, and play.

The City of Richmond's Public Art Program Policy has established a dynamic and engaging collection of public art throughout the area. With several public artworks in close proximity to the site, Instant Coffee's, Perpetual Sunset, located at the corner of No. 3 Rd and Westminster Hwy is adjacent to the site and creates a connection to other public works located throughout Brighouse Village and neighbouring Landsdowne Village.

The public art generated by 8100 Westminster Hwy has the potential to engage the wider public art context of the Brighouse Village neighbourhood, as well as the City of Richmond more broadly, activating and enlivening the public realm. RiseSun North America is committed to hosting a dynamic and enduring public artwork that speaks to diverse audiences, invites engagement, and enriches local culture.



## GUIDING PRINCIPALS

- Reflect the vision and spirit of the 8100 Westminster Hwy project
- Thoughtfully consider the unique historic, social, and cultural context of the City of Richmond's Brighouse Village community
- Reflect the broad thematic of "Yesterday, Today and Tomorrow" identified in the Richmond City Centre Public Art Plan and the Brighouse Village Character Zone vision designating the area as the "Civic Heart"
- Offer high public visibility and accessibility for a diverse array of audiences
- Strive for the highest quality of artistic expression and standards
- Provide a public artwork that is dynamic and engaging, in accordance with the City of Richmond's public art program and guidelines
- Contribute to a vibrant street scape along Westminster Hwy and No. 3 Rd


## PUBLIC ART OPPORTUNITY



Siteplan with public art opportunity outlined in blue

Following thoughtful site analysis, the prime site for the public art opportunity at 8100 Westminster Hwy has been identified as the highly visible building facade, fronting on Westminster Hwy. The public art piece will be integrated with the terracotta rain-screen cladding covering the second to fourth story of the building. Additionally, there is an opportunity for the public art piece to wrap around the corner of the building and extend onto the facade above the lane-way, providing increased visibility from the Canada Line and No. 3 Road. Artwork on the lane-way elevation would need to be a minimum of 7.5 M above street level to be within the property line.

The identified site location offers high public visibility, accessibility, and engagement opportunities to cyclists and motorists traveling along Westminster Hwy as well as direct sight lines from the Canada Line. The public art will provide unique place making and way finding attributes within the area and contribute to a lively and connected public realm.


Plan showing the front elevation of the building on Westminster Hwy facing south with the public art opportunity outlined in blue


Plan showing the side elevation from the laneway facing east with the public art opportunity outlined in blue

## PRECEDENT IMAGES



Lucien Durey, The Bird Carver, 2020, Kelowna, BC


Elizabeth Mackintosh, Finger Paint, 2018, Vancouver, BC



Adad Hannah, Rebound/Bounce, 2017, Montreal, QC


Kevin Schmidt, Reckless, 2018, North Vancouver, BC


Thomas Cannell, aw'xelamat: whistling (people), 2019, Richmond, BC

## PUBLIC ART BUDGET

The total public art contribution for 8100 Westminster Hwy is $\$ 98,134.16$.

The amount designated for public artwork is $\$ 72,500.00$ and includes the artist fee, artwork fabrication, artwork storage if required, engineering certificates, construction coordination and site preparation, lighting, insurance, and artwork delivery and installation. The artist selected will be responsible for a general public liability insurance policy. Premium for this coverage will be assumed as a cost of doing business and part of the studio overhead.

The administration portion of the budget is $\$ 11,227.46$ and includes the art selection process, artist and panel honorarium fees, as well as a developer's contingency and plaque/signage.

Public Artwork
.\$72,500.00

| Selection Process and Honoraria Artist Honoraria ( $3 \times \$ 2,000$ ) | 7,600.00 |
| :---: | :---: |
| Selection Panel Honoraria ( x \$800) .... |  |
| Developer's Contingency | \$2,127.46 |
| Signage/Plaque | . $\$ 1,500.00$ |
| Public Art Program Administration (5\%) | .\$4,906.70 |
| Public Art Consultation ( maximum 10\%) | \$9,500.00 |

Total On-site Public Art Budget. .\$98,134.16

Please note:

As per the City of Richmond Public Art Program Administrative Procedures Manual (2.4.2), "if an artist is asked to address functional features, such as a fountain, façade, or windscreens, the art budget is the "upgrade" to the existing costs of the feature".

All cost savings or unused funds remaining from the administration portion of the budget will be put towards the artwork.

## TIMELINE

## PROJECT TIMELINE

Development Permit Application ..... Nov 29, 2019
Anticipated Development Permit Issuance ..... October 2021
Construction Start ..... October 2022
Construction Completion ..... February 2025
Occupancy Permit Issuance ..... February 2025
PUBLIC ART TIMELINE
Detailed Public Art Plan Submission and Presentation April
2021
Expressions of Interest (EOI) ..... May 2021
First Selection Panel Meeting .June/July 2021
Second Selection Panel Meeting - Shortlisted Artist Concept Presentations ..... September 2021
Final Artist Selection ..... September 2021
Artist Contract

$\qquad$
October/November 2021
Art InstallationJanuary 2025

[^1]
## SELECTION PROCESS

All stages of the selection process will be facilitated by public art consultant Ballard Fine Art Ltd.
The artist selection process will involve a two-stage open call for Expressions of Interest (EOI) to local and regional artists with a voting selection panel. The panel will consist of 3 voting members, comprised of 1 art or design professionals from the local art community, 1 community representative and 1 member from the 8100 Westminster Hwy team. Panel members will be selected for their experience with public art, as well as their knowledge of the area and will receive an $\$ 800$ honorarium for their work excluding members of the 8100 Westminster Hwy team. In addition, representatives from the City of Richmond including the Public Art Manager, and a staff representative from Planning and Parks will be invited to participate in a non-voting advisory capacity. The City advisors will be invited to attend the selection panel meetings and provide commentary and feedback on the Terms of Reference, EOIs, shortlisted artist nominations, artist concept proposals, and final artist considered for selection.

Selection Panel members:
Kai Lin, RiseSun North America Itd or Wing Leung, Project Architect, W.T. Leung Architects Inc. Tom Hsu, Artist and Richmond Resident
Rebecca Bayer, Artist
Selection Panel alternates:
Brenda Crabtree, Artist and Director of Aboriginal Program, Emily Carr University
Thomas Cannell, Artist
Jeanette Lee, Artist with public artwork in Richmond

Non-voting Advisors:
Biliana Velkova, City of Richmond, Public Art Planner

Stage One

In stage one of the selection process, artists will submit an Expression of Interest (EOI) for consideration by the selection panel. The selection panel will review all EOI submissions and discuss the merits of the artists' past work and potential fit with the respective public art opportunity and determine a shortlist of 3 artists to develop a concept proposal.

## Stage Two

In stage two, the shortlisted artists will be invited to develop and present a concept proposal to the selection panel. The shortlisted artists will be oriented to the public art opportunity, project, site, and community contexts, with an opportunity to meet with the developer and design team. Each shortlisted artist will be paid an honorarium of $\$ 2,000$ for their work, paid upon receipt and presentation of the concept proposal.

Following the selection panel's review of the shortlisted artist concept proposals, a final artist and artwork will be recommended for selection. Prior to notifying the final artist nominated, RiseSun will have the opportunity to review the nominated artist's concept. The final artist selected for the project will enter into a contract agreement with RiseSun North America Ltd. to complete the proposed artwork on time and budget.

The Short-listed Artist Public Art Proposal Will Include:
i) Written public art proposal (1-2 pages)
ii) Visual Aids (renderings/model)
iii) Detailed public art budget
iv) Project timeline
v) Details of all materials, finishes, colours, dimensions, installation requirements, names of fabricators \& maintenance requirements
vi) CV and examples of past projects

Artist/Artist Team Selection Criteria for Stage Two:
i) High quality and innovative concept with a clear vision of the final artwork
ii) Demonstrated understanding of the public space and the impact on the proposed site
iii) Understanding of the project architecture, the site and its contexts
iv) Demonstrated feasibility in terms of a detailed budget, timeline, implementation, safety, maintenance and site consideration
v) Artistic quality of artwork presented in the documentation of past work
vi) Availability

Please note: If no submission warrants consideration, RiseSun reserves the right not to award the commission.

Please direct any questions to:
Jan Ballard | Ballard Fine Art Ltd.
O. 6049226843 | C. 6046126645 | E. jan@ballardfineart.com

# MEMORANDUM OF UNDERSTANDING 

## BETWEEN

# RISESUN NORTH AMERICA REAL ESTATE LTD. 

(BC Incorporation \#BC1066376)

# AND <br> S.U.C.C.E.S.S AFFORDABLE HOUSING SOCIETY 

(BC Incorporation \#S0061005)

## WHEREAS:

Risesun North America Real Estate Ltd. ("Risesun"), is developing a 15 -storey mixed commercial \& multi-family residential building for a site located on the south side of Westminster Highway between No. 3 Road and Buswell Street. The development comprises street-oriented retail spaces fronting Westminster Highway and 130 dwelling units on floors above.

Risesun is a residential and mixed-use real estate development company. We are a practice dedicated to creating a livable space for people. Our Canadian office was established in 2016. Risesun currently owns a piece of land in Richmond and the future development will be a mixed-use building. It is in the stage of planning now and the project aims to finish by 2025.

AND;
S.U.C.C.E.S.S Affordable Housing Society ("S.U.C.C.E.S.S. AHS") who is experienced in providing housing operations, management and maintenance services for affordable homes.

## SECTION A. OBJECTIVE:

1. Risesun will develop and own new affordable units and is seeking a non-profit housing provider to operate, manage and maintain the units whilst Risesun builds up its capacity.
2. S.U.C.C.E.S.S Affordable Housing Society will manage the operations of these affordable housing units through a leased agreement with Risesun.

## SECTION B. INTENT

3. The proposed project is located at 8100-8180 Westminster Highway, Richmond. The affordable housing units are proposed on levels four and six of the development. On level four, all units are affordable housing units. On level six, units are a mix of affordable housing and market units. It will contain 16 affordable low-end-of-market-rental (LEMR) housing units.
4. The project is currently at the Development Permit stage. The number and mix of housing is subject to change through the permitting process.
5. It is intended that Risesun will enter into a 20 year lease agreement with S.U.C.C.E.S.S AHS to provide efficient management and maintenance services for the projects listed in Appendix A. Further projects may be added as Risesun develops its affordable housing portfolio.
6. Risesun will own the affordable units and is responsible for its mortgage. S.U.C.C.E.S.S Affordable Housing Society will operate the units and manage the operating budget. If the operating budget is in a deficit at any time, Risesun will immediately forward an amount equal to or greater than the deficit to S.U.C.C.E.S.S. AHS. Risesun will pay a management fee to S.U.C.C.E.S.S. AHS for the management and maintenance services outlined in Section C on a monthly basis. If the operating budget results in a surplus after covering all operating expenses, S.U.C.C.E.S.S. AHS will forward that surplus to Risesun.

## SECTION C. RESPONSIBILITIES: S.U.C.C.E.S.S Affordable Housing Society

7. Support the permitting process for the project, attending meetings with the municipality as required.
8. Provide general advice and guidance on specification and design however Risesun retains the right to develop in accordance with their requirements.
9. Provide an Operational Plan and Asset Management Plan which will be included in the lease.
10. Select tenants in accordance with municipal, provincial and federal guidelines, undertaking the necessary credit, landlord, and employment references.
11. Advise tenants of their responsibilities and that these are clearly defined in the tenancy agreement which is signed prior to tenanting.
12. Undertake appropriate level of inspections to ensure that the property is well maintained.
13. Provide maintenance and repair services in a timely manner depending on the urgency of the repair.
14. To contribute an appropriate amount as part of the operating budget to a capital reserve fund for major repairs and replacement.
15. Collect rent and to follow up on any rent arrears in a timely manner, advising tenants on any benefits or sources of income that they may be eligible for.
16. Manage tenant relations dealing with any disruptive behaviours and nuisance in an expeditious manner, providing support to tenants who are at risk of eviction to minimize any evictions, enforcing the tenancy agreement where appropriate.
17. Provide annual audited financial statements to Risesun.

## SECTION D. RESPONSIBILITIES: RISESUN

16. Project manage the permitting and development process to Building Occupancy.
17. Pay the agreed management fee to S.U.C.C.E.S.S on a monthly basis.
18. Pay any operating deficit to S.U.C.C.E.S.S. immediately.
19. Offer training and employment opportunities to the tenants referred by S.U.C.C.E.S.S.

## SECTION E. BINDING

20. This Memorandum is intended to be non-binding, and until a lease agreement is executed by both parties there will no binding legal obligations between the parties. Although this Memorandum sets out the basic understandings reached between Risesun and S.U.C.C.E.S.S. Affordable Housing Society to date, the actual documentation may well be the subject of further good faith negotiation and contain terms not included in this Memorandum.

This Memorandum of Understanding outlines the parties' intentions prior to a legal agreement being entered into formalizing the terms of the relationship together with a draft of the Operating Agreement which will be completed at least six months in advance of receipt of an Occupancy Permit.


## RISESUN NORTH AMERICA REAL ESTATE LTD.

SIGNED:

## NAME: Ahmed Omran

TITLE: Director of Community Real Estate and Asset Management

DATE: June 16, 2021

## S.U.C.C.E.S.S AFFORDABLE HOUSING SOCIETY

## APPENDIX 1

## PROJECT LIST

The proposed project is located at 8100-8180 Westminster Highway, Richmond and consists of a 15 -storey building. The development comprises street-oriented retail spaces fronting Westminster Highway and 130 dwelling units on floors above. Among these units, there are 16 Affordable Homes of the following mix -1 studios, 10 one bed, 4 two bed, 1 three bed units.

City of Richmond

## Development Permit Considerations

Development Applications Department 6911 No. 3 Road, Richmond, BC V6Y 2C1

Address: 8100, 8120 \& 8180 Westminster Highway
File No.: DP 19-878817

## Prior to a Development Permit* being forwarded to the Development Permit Panel for consideration, the developer is required to:

1. Installation of appropriate tree protection fencing around all trees to be retained as part of the development.

## Prior to Development Permit Issuance, the developer must complete the following requirements:

2. Site Consolidation: Consolidation of all subject lots into a single development parcel (which will require the demolition of the existing dwellings).
3. On-Site Arborist Supervision: Submission of a Contract entered into between the applicant and a Certified Arborist for supervision of any on-site works conducted within the tree protection zone of the trees to be retained. The Contract should include the scope of work to be undertaken, including: the proposed number of site monitoring inspections, and a provision for the Arborist to submit a post-construction assessment report to the City for review.
4. Landscaping Security: Receipt of a Letter of Credit for landscaping in the amount of $\$ 725,949.95$ (based on the costs estimate provided by a CSLA registered landscape Architect including $10 \%$ contingency).
5. Tree Retention: Submission of a Tree Survival Security to the City in the amount of $\$ 12,500$. This amount includes a $\$ 5,000$ security for the street tree (tree \#642) and $\$ 1,500$ for each of the five offsite trees (trees \#643-647) to be retained. The security should be held until an inspection of the subject trees, occurring 12 months following a landscaping inspection that confirms the completion of landscaping works, by City Urban Forestry Preservation or Tree Preservation staff (as the case may be) for a change to the condition of the tree.
6. On-Site Replacement Trees: Submission of an on-site landscape plan for the subject project site that includes at least 6 replacement trees based on a ratio of at least $2: 1$ to compensate for 3 on-site bylaw-size trees to be removed (tag \#s $639,640 \& 641$ ). The required replacement trees are to be of the minimum sizes, based on the size of the trees being removed as per Tree Protection Bylaw No. 8057. The owner will be required to provide $\$ 500$ to the City's Tree Compensation Fund for each and any number of trees short of the required 6 replacement trees.
7. Road Dedication:
a) A road dedication of 2.0 m along the north properly line of the subject development (Westminster Hwy) from the west end of the frontage, then offset (at approximately the residential lobby entrance) to a 1.45 m road dedication to the east end. The offset accommodates alignment of this development's podium with the east neighbouring building.
b) A road dedication of 3.0 m along the west properly line of the subject development (the westerly lane).
8. Sanitary SRW Replacement: Replacement of the existing sanitary SRW 285753 along the rear and east sides, and expansion of the SRW areas of the site as follows:
a) Discharge sanitary SRW 285753, of which:
i. a $1.5 \mathrm{~m}(5 \mathrm{ft})$ wide portion is located along the rear of the subject site; and
ii. a $3.0 \mathrm{~m}(10 \mathrm{ft})$ wide portion is located along the rearmost $15.5 \mathrm{~m}(51 \mathrm{ft})$ of the east side of the site.
b) Register a new sanitary SRW that reflects contemporary language for utility SRWs and expands the SRW area to cover:
i. the rearmost 3.0 m of the subject site; and
ii. a width of $4.5 \mathrm{~m}(15 \mathrm{ft})$ along the rearmost $15.5 \mathrm{~m}(51 \mathrm{ft})$ of the east side of the site,
9. Terminus/Turnaround SRW for Easterly Lane: The granting of a new SRW Property Right-of-Passage (PROP) to accommodate a $3 \mathrm{~m}(10 \mathrm{ft})$ minimum extension of the neighboring lane to the east to allow for three-point truck turnaround for the neighboring property. Exact right-of-way dimensions (length and width) of the PROP SRW will
$\qquad$
be confirmed through the Servicing Agreement* process. Paving, bollards and drainage will likewise be confirmed through the Servicing Agreement* process.
10. Water Meter Access Easement: The granting of an easement from a lot line abutting Westminster Highway or the westerly lane to the Water Entry room on P2, for water meter access. Exact right-of-way dimensions to be finalized via the Servicing Agreement process.
11. Third Party Equipment SRWs: All above ground hydro/telephone kiosks and other third party equipment must not be placed within any frontage works area including sidewalk. On-site SRW's are to be secured for the placement of this equipment. Exact right-of-way dimensions of the PROP SRW would be confirmed through the Servicing Agreement* process.
12. Mixed Use Covenant: Registration of a covenant on title that identifies the building as a mixed use building.
13. City Centre Impacts Covenant: Registration of a legal agreement on title stipulating that the development is subject to potential impacts due to other development that may be approved within the City Centre including without limitation, loss of views in any direction, increased shading, increased overlook and reduced privacy, increased ambient noise and increased levels of night-time ambient light, and requiring that the owner provide written notification of this through the disclosure statement to all initial purchasers, and erect signage in the initial sales centre advising purchasers of the potential for these impacts.
14. Commercial Noise Covenant: Registration of a commercial noise restrictive covenant on title addressing noise impacts generated by the internal uses from penetrating into residential areas that exceed noise levels allowed in the City's Noise Bylaw and that noise generated from rooftop equipment will comply with the City's Noise Bylaw.
15. Aircraft Noise Sensitive Development Covenant: Registration of a legal agreement on title identifying that the proposed development must be designed and constructed in a manner that mitigates potential aircraft noise (Area 4) to the proposed dwelling units. Dwelling units must be designed and constructed to achieve:
a) CMHC guidelines for interior noise levels as indicated in the chart below:

| Portions of Dwelling Units | Noise Levels (decibels) |
| :--- | :---: |
| Bedrooms | 35 decibels |
| Living, dining, recreation rooms | 40 decibels |
| Kitchen, bathrooms, hallways, and utility rooms | 45 decibels |

b) the ASHRAE 55-2004 "Thermal Environmental Conditions for Human Occupancy" standard for interior living spaces.
16. Noise Mitigation Report: Complete an acoustical and mechanical report and recommendations prepared by an appropriate registered professional, which demonstrates that the interior noise levels and noise mitigation standards comply with the City's Official Community Plan and Noise Bylaw requirements. The standard required for air conditioning systems and their alternatives (e.g. ground source heat pumps, heat exchangers and acoustic ducting) is the ASHRAE 55-2004 "Thermal Environmental Conditions for Human Occupancy" standard and subsequent updates as they may occur. Maximum interior noise levels (decibels) within the dwelling units must achieve CMHC standards follows:

| Portions of Dwelling Units | Noise Levels (decibels) |
| :--- | :---: |
| Bedrooms | 35 decibels |
| Living, dining, recreation rooms | 40 decibels |
| Kitchen, bathrooms, hallways, and utility rooms | 45 decibels |

17. Flood Covenant: Registration of a flood indemnity covenant on title.
18. Parking, Loading and Bicycle Storage Covenant: Registration of a legal agreement on title, ensuring:
a) The provision of shared visitor/commercial parking spaces in accordance with the DP and such spaces will be identified and will not be sold, leased, assigned, designated or allocated in any other manner to individual unit owners/renters/occupants or any other person. The shared parking spaces are to be available for use by customers of commercial/office units within the subject development during business hours and available for use at all times by both visitors of residents of residential units; and owners, tenants and employees of commercial units. The provision of any gates in the parkade are to remain open during business hours to allow access by customers of the commercial uses.
b) The provision of shared loading area in accordance with the DP and such area will be identified and will not be sold, leased, assigned, designated or allocated in any other manner to individual unit owners/renters/occupants or any other person.
c) The provision of shared bicycle storage areas designated as common property for the sole purpose of bicycle storage by residents of residential units; and owners, tenants and employees of commercial/office units. The conversion of bicycle storage area into habitable space is prohibited (e.g., other storage uses).
19. Electric Vehicle (EV) Charging Infrastructure for Vehicles Covenant: Registration of a legal agreement on title, securing the owner's commitment to voluntarily provide, install, and maintain EV charging infrastructure within the buildings on the subject site. More specifically, the minimum required rates for EV charging infrastructure shall the greater of the following table or as per the Official Community Plan or Zoning Bylaw rates in effect at the time of Development Permit approval.

| User/Use | Energized Outlet - Minimum Permitted Rates |
| :--- | :---: |
|  | Vehicle Parking * |
| Market Residential (i.e. resident parking \& bike storage) | (1 per parking space as per Zoning Bylaw) |
| Affordable Housing (i.e. resident parking \& bike storage) |  |
| Non-Residential (i.e. shared/tenant/employee parking \& bike storage) |  |

* "Vehicle Parking" "Energized Outlet" shall mean all the wiring, electrical equipment, and related infrastructure necessary to provide Level 2 charging (as per SAE International's J1772 standard) or higher to an electric vehicle.
NOTE: Richmond's Electric Vehicle Charging Infrastructure Bylaw provides that, where an electric vehicle energy management system is implemented, the Director of Engineering may specify a minimum performance standard to ensure a sufficient rate of electric vehicle charging. For the purposes of the Bylaw, electric vehicle energy management system means a system to control electric vehicle supply equipment electrical loads comprised of monitor(s), communications equipment, controller(s), timer(s), and other applicable devices.

20. Public Art:
a) Registration of an agreement to facilitate the implementation of the City approved Public Art Plan which secures that "no occupancy" shall be permitted on the subject lands, restricting final Building Permit inspection granting occupancy of the building (exclusive of parking), in whole or in part, on the subject lands until:
i. The property owner, at the property owner's sole cost and expense, commissions one or more artists to conceive, create, manufacture, design, and oversee or provide input about the manufacturing of the public artwork, in accordance with the City approved Public Art Plan and, as applicable, detailed Public Art Plan.
ii. A Public Art Plan has been submitted for the subject lands. A Letter of Credit or cash (as determined at the sole discretion of the City) will be secured.
iii. The agreement will secure the following:
(a) The property owner, at his/her expense and within thirty (30) days of the date on which the Public Art is installed, executes and delivers to the City a transfer of all of the developer's rights, title and interest in the Public Art to the subsequent strata (including transfer of joint world-wide copyright) or as otherwise determined to be satisfactory by the City Solicitor and Director, Arts, Culture and Heritage Services.
NOTE: It is the understanding of the City that the artist's title and interest in the public artwork will be transferred to the owner upon acceptance of the artwork based on an agreement solely between the owner and the artist and that these interests will in turn be transferred to the City, subject to approval by Council to accept the donation of the artwork.
(b) The property owner will maintain the Public Art in a good and workmanlike manner and in accordance with the final report referred to in (c) below and, without limiting the generality of the foregoing, will be responsible for all costs associated with the maintenance, cleaning, repair and replacement of the Public Art.
(c) The owner, at the owner's sole cost and expense, submits a final report to the City promptly after completion of the installation of the Public Art in accordance with the City approved Public Art
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Plan. This report shall, to the satisfaction of the Director, Development and Director, Arts, Culture, and Heritage Services, include:

- Information regarding the siting of the Public Art, a brief biography of the artist(s), a statement from the artist(s) on the Public Art, and other such details as the Director, Development and Director, Arts, Culture, and Heritage Services may require.
- A statutory declaration, satisfactory to the City Solicitor, confirming that the owner's financial obligation(s) to the artist(s) have been fully satisfied.
- The maintenance plan for the Public Art prepared by the artist(s).
- Digital records (e.g., photographic images) of the Public Art, to the satisfaction of the Director, Development, and Director, Arts, Culture and Heritage Services.
iv. As an alternative to the provision on Public Art on-site, the owner may offer to make a voluntary cash contribution in lieu.
b) The developer shall submit a $\$ 98,134.16$ Letter of Credit to secure the implementation of the Detailed Public Art Plan.

21. Child Care Fund Contribution: City acceptance of the developer's offer to voluntarily contribute $\$ 0.80$ per buildable square foot (e.g. $\$ 90,855.24$ ) to the City's child care fund.
22. Affordable Housing: Registration of the City's standard Housing Agreement and Housing Covenant to secure 16 affordable housing units, the combined habitable floor area of which shall comprise at least $10 \%$ of the subject development's total residential building area. Occupants of the affordable housing units subject to the Housing Agreement shall enjoy full and unlimited access to and use of all on-site indoor and outdoor amenity spaces. Affordable Housing tenants shall not be charged any additional fees (e.g., parking fees, move in/move out fees). The terms of the Housing Agreements shall indicate that they apply in perpetuity and provide for the following:

| Unit Type | Affordable Housing Strategy Requirements |  | Project Targets |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | Minimum Unit Area | Maximum Monthly <br> Unit Rent* | Total Maximum <br> Household Income* | Unit <br> Mix | Number of <br> Units** |
| Studio | $37 \mathrm{~m}^{2}\left(400 \mathrm{ft}^{2}\right)$ | $\$ 811$ | $\$ 34,650$ or less | $6.3 \%$ | $\mathbf{1}$ |
| 1-Bedroom | $50 \mathrm{~m}^{2}\left(535 \mathrm{ft}^{2}\right)$ | $\$ 975$ | $\$ 38,250$ or less | $62.5 \%$ | 10 |
| 2-Bedroom | $69 \mathrm{~m}^{2}\left(741 \mathrm{ft}^{2}\right)$ | $\$ 1,218$ | $\$ 46,800$ or less | $25.0 \%$ | 4 |
| 3-Bedroom | $91 \mathrm{~m}^{2}\left(980 \mathrm{ft}^{2}\right)$ | $\$ 1,480$ | $\$ 58,050$ or less | $6.3 \%$ | 1 |
| Total | $\mathbf{9 6 7 . 0} \mathrm{m}^{\mathbf{2}\left(10,409 \mathrm{ft}^{2}\right)}$ | N/A | N/A | $\mathbf{1 0 0 \%}$ | $\mathbf{1 6}$ |

* Denotes the council-approved rates as of July 24, 2017. Rates may be adjusted periodically as provided for under adopted City policy.
** $88 \%$ of affordable housing units meet Richmond Basic Universal Housing (BUH) standards.

23. Tandem Parking Covenant: Registration of a legal agreement on title ensuring that where two parking spaces are provided in a tandem arrangement both parking spaces must be assigned to the same dwelling unit.
24. District Energy Utility (DEU): Registration of a restrictive covenant and statutory right of way and/or alternative legal agreement(s), to the satisfaction of the City, securing the owner's commitment to connect to District Energy Utility (DEU) and granting the statutory right of way(s) necessary for supplying the DEU services to the building(s), which covenant and statutory right of way and/or legal agreement(s) will include, at minimum, the following terms and conditions:
a) No building permit will be issued for a building on the subject site unless the building is designed with the capability to connect to and be serviced by a DEU and the owner has provided an energy modelling report satisfactory to the Director of Engineering.
b) If a low carbon energy plant district energy utility (LCDEU) service area bylaw which applies to the site is adopted by Council prior to the issuance of the building permit for the subject site, no building permit will be issued for a building on the subject site unless:
i. the owner designs, to the satisfaction of the City and the City's DEU service provider, Lulu Island Energy Company Ltd. (LIEC), a low carbon energy plant to be constructed and installed on the site, with the capability to connect to and be serviced by a DEU; and
ii. the owner enters into an asset transfer agreement with the City and/or the City's DEU service provider on terms and conditions satisfactory to the City to transfer ownership of the low carbon energy plant to the City or as directed by the City, including to the City's DEU service provider, at no cost to the City or
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City's DEU service provider, LIEC, on a date prior to final building inspection permitting occupancy of the first building on the site. Such restrictive covenant and/or asset transfer agreement shall include a warranty from the owner with respect to the on-site DEU works (including the low carbon energy plant) and the provision by the owner of both warranty and deficiency security, all on terms and conditions satisfactory to the City;
c) The owner agrees that the building(s) will connect to a DEU when a DEU is in operation, unless otherwise directed by the City and the City's DEU service provider, LIEC.
d) If a DEU is available for connection and the City has directed the owner to connect, no final building inspection permitting occupancy of a building will be granted unless, and until:
i. the building is connected to the DEU;
ii. the owner enters into a Service Provider Agreement for that building with the City and/or the City's DEU service provider, LIEC, prior to depositing any subdivision plan with LTO (including Air Space parcel subdivision and Strata Plan subdivision) and on terms and conditions satisfactory to the City; and
iii. prior to subdivision (including Air Space parcel subdivision and Strata Plan filing), the owner grants or acquires, and registers, all Statutory Right-of-Way(s) and/or easements necessary for supplying the DEU services to the building.
e) If a DEU is not available for connection, but a LCDEU service area bylaw which applies to the site has been adopted by Council prior to the issuance of the building permit for the subject site, no final building inspection permitting occupancy of a building will be granted unless and until:
i. the City receives a professional engineer's certificate stating that the building has the capability to connect to and be serviced by a DEU;
ii. the building is connected to a low carbon energy plant supplied and installed by the owner, at the owner's sole cost, to provide heating, cooling and domestic hot water heating to the building(s), which energy plant will be designed, constructed and installed on the subject site to the satisfaction of the City and the City's service provider, LIEC;
iii. the owner transfers ownership of the low carbon energy plant on the subject site, to the City or as directed by the City, including to the City's DEU service provider, LIEC, at no cost to the City or City's DEU service provider, on terms and conditions satisfactory to the City;
iv. prior to depositing any subdivision plan with LTO (including Air Space parcel subdivision and Strata Plan subdivision), the owner enters into a Service Provider Agreement for the building with the City and/or the City's DEU service provider, LIEC, on terms and conditions satisfactory to the City; and
v. prior to subdivision (including Air Space parcel subdivision and Strata Plan filing), the owner grants or acquires, and registers, all additional Covenants, Statutory Right-of-Way(s) and/or easements necessary for supplying the services to the building and the operation of the low carbon energy plant by the City and/or the City's DEU service provider, LIEC.
f) If a DEU is not available for connection, and a LCDEU service area bylaw which applies to the site has not been adopted by Council prior to the issuance of the building permit for the subject site, no final building inspection permitting occupancy of a building will be granted until:
i. the City receives a professional engineer's certificate stating that the building has the capability to connect to and be serviced by a DEU; and
ii. the owner grants or acquires any additional Statutory Right-of-Way(s) and/or easements necessary for supplying DEU services to the building, registered prior to subdivision (including Air Space parcel subdivision and strata plan filing).
25. Servicing Agreement: Enter into a Servicing Agreement* for the design and construction of Engineering and Transportation works in accordance with Transportation Association of Canada (TAC) Specifications, City Engineering Design Specifications and applicable Bylaws to the satisfaction of the City. A Letter of Credit or cash security for the value of the Service Agreement works, as determined by the City, will be required as part of entering into the Servicing Agreement. Works include, but may not be limited to, the following:
25-I: Water Works:
a) Using the OCP Model, there is $1304 \mathrm{~L} / \mathrm{s}$ of water available at a 20 psi residual at the Westminster Highway frontage. Based on your proposed development, your site requires a minimum fire flow of $200 \mathrm{~L} / \mathrm{s}$.
b) At Developer's cost, the Developer is required to:
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i. Submit Fire Underwriter Survey (FUS) or International Organization for Standardization (ISO) fire flow calculations to confirm development has adequate fire flow for onsite fire protection. Calculations must be signed and sealed by a Professional Engineer and be based on Building Permit Stage building designs.
ii. Review hydrant spacing on all road frontages and install new fire hydrants as required to meet City spacing requirements for the proposed land use.
iii. Provide a right-of-way for the water meter. Minimum right-of-way dimensions to be the size of the meter box (from the City of Richmond supplementary specifications) + any appurtenances (for example, the bypass on $\mathrm{W} 2 \mathrm{o}-\mathrm{SD}$ ) +0.5 m on all sides. Exact right-of-way dimensions to be finalized via the servicing agreement process.
c) At Developer's cost, the City will:
i. Disconnect all existing water service connections prior to demolition of existing onsite structures. It is the developer's responsibility to coordinate with the City the required disconnections via the Demolition Permit process.
ii. Install a service connection and tie-in to the existing 300 mm diameter water main at Westminster Highway frontage. The size and location of the service connection will be determined via the SA design process.
iii. Complete all proposed water tie-ins to existing City infrastructure.

25-II: Storm Sewer Works:
a) At Developer's cost, the Developer is required to provide an erosion and sediment control plan for all on-site and off-site works, to be reviewed as part of the servicing agreement design.
b) At Developer's cost, the City will:
i. Disconnect all existing drainage service connections prior to demolition of existing onsite structures. It is the developer's responsibility to coordinate with the City the required disconnections via the Demolition Permit process.
ii. Install a new service connection and tie-in to the existing box culvert at Westminster Highway frontage. Explore using one of the existing holes/tie-ins in the box culvert to facilitate tie-in of new service connection. The size and location of the service connection will be determined via the SA design process.
iii. Complete all proposed storm sewer tie-ins to existing City infrastructure.

## 25-III: Sanitary Sewer Works:

a) At Developer's cost, the Developer is required to:
i. Not encroach in the existing City sanitary rights of ways along the south and east property lines of the proposed site.
ii. Register a new sanitary SRW that reflects contemporary language for utility SRWs and expands the SRW area to cover:
i. the rearmost 3.0 m of the subject site; and
ii. a width of $4.5 \mathrm{~m}(15 \mathrm{ft})$ along the rearmost $15.5 \mathrm{~m}(51 \mathrm{ft})$ of the east side of the site,
b) At Developer's cost, the City will:
i. Disconnect all existing sanitary service connections prior to demolition of existing onsite structures. It is the developer's responsibility to coordinate with the City the required disconnections via the Demolition Permit process.
ii. Install a new service connection and tie-in to the existing sanitary manhole midway at the lane frontage. The size of the service connection will be determined via the SA design process.
iii. Complete all proposed sanitary tie-ins to existing City infrastructure.

25-VI: Frontage Improvements: (to be finalized through the servicing agreement review)
At a minimum the following is required:
a) Along the Westminster Hwy site frontage, construct a new concrete sidewalk with extended walkway to curb. The new frontage works are to transition to meet the existing frontage treatments to the east and west of the
$\qquad$
subject site. The behind-the-curb frontage improvements are to have the following cross-section (measuring from the fronting property line of the site):
i. Minimum 2.0 m wide concrete sidewalk.
ii. Remaining area between sidewalk and existing curb to be hardscaped boulevard (permeable pavers in grey tones) and provide space for transit shelters, pedestrian circulation. Design to be in line with CCAP guidelines.
iii. Trees to be placed in in $1.2 \mathrm{~m} \times 1.8 \mathrm{~m}$ tree grates and soil cells as directed by Parks.
iv. $\quad 0.15 \mathrm{~m}$ wide curb (existing).
b) Along the laneway at the west property frontage, construct a new concrete sidewalk and roll over curb. The new sidewalk and curb is to transition to meet the new and existing frontage treatments to the north and south respectively of the subject site. Frontage improvements are to have the following cross-section (measuring from the fronting property line of the site):
i. $\quad 1.5 \mathrm{~m}$ wide concrete sidewalk
ii. $\quad 0.15 \mathrm{~m}$ roll over curb
i. $\quad 7.5 \mathrm{~m}$ paved road (see R-7-DS for details).
ii. The loading area for the garbage and recycling truck proposed parallel to the lane is to be added to the lane cross section in a SRW PROP area. The loading area is to be outside the 1.5 m sidewalk.
c) Reinstate/back-fill street signage and pavement marking affected by the frontage works.
d) All existing driveways and pathways along the Westminster Hwy development frontage are to be closed permanently. The Developer is responsible for the removal of existing driveway let-downs and pathways and replaced with barrier curb/gutter, extended pedestrian space with street trees, and concrete sidewalk per standards described above.
e) Consult Parks on the requirements for tree protection/placement including tree species and spacing as part of the frontage works.
f) Consult Engineering on lighting and other utility requirements as part of the frontage works.
g) All existing driveways along the frontage of the subject development are to be closed permanently. Vehicle access to the subject development is to be provided by a single driveway located in the laneway along the west properly line, as south as possible.
h) At Developer's cost, the Developer is required to:
i. Coordinate with BC Hydro, Telus and other private communication service providers:

- To pre-duct for future hydro, telephone and cable utilities along all road frontages.
- Before relocating/modifying any of the existing power poles and/or guy wires along the frontages and within the proposed site. Relocation of existing BC Hydro overhead lines and Shaw underground lines are required prior to preload or site preparation.
- To underground overhead service lines.
ii. Locate/relocate all above ground utility cabinets and kiosks required to service the proposed development and proposed undergrounding works, and all above ground utility cabinets and kiosks located along the development's frontages, within the developments site (see list below for examples). A functional plan showing conceptual locations for such infrastructure shall be included in the development design review process. Please coordinate with the respective private utility companies and the project's lighting and traffic signal consultants to confirm the requirements (e.g., statutory right-of-way dimensions) and the locations for the aboveground structures. If a private utility company does not require an aboveground structure, that company shall confirm this via a letter to be submitted to the City. The following are examples of statutory right-of-ways that shall be shown on the architectural plans/functional plan, the servicing agreement drawings, and registered prior to SA design approval:
- BC Hydro Vista - confirm dimensions with BC Hydro.
- BC Hydro PMT - $4.0 \times 5.0 \mathrm{~m}$
- BC Hydro LPT $-3.5 \times 3.5 \mathrm{~m}$
- Street light kiosk $-1.5 \times 1.5 \mathrm{~m}$
- Traffic signal kiosk $-2.0 \times 1.5 \mathrm{~m}$
- Traffic signal UPS - $1.0 \times 1.0 \mathrm{~m}$
- Shaw cable kiosk - $1.0 \times 1.0$ m
$\qquad$
- Telus FDH cabinet $-1.1 \times 1.0 \mathrm{~m}$
iii. Review street lighting levels along all road and lane frontages, and upgrade as required.
iv. Complete other frontage improvements as per Transportation requirements.

25-V: General Items:
a) At Developer's cost, the Developer is required to:
i. Provide, prior to start of site preparation works or within the first servicing agreement submission, whichever comes first, a preload plan and geotechnical assessment of preload, dewatering, and soil preparation impacts on the existing utilities (especially fronting the development site and provide mitigation recommendations.
ii. Provide a video inspection report of the existing sanitary lines along the south and east property lines prior to start of site preparation works or within the first servicing agreement submission, whichever comes first. A follow-up video inspection, complete with a civil engineer's signed and sealed recommendation letter, is required after site preparation works are complete (i.e. pre-load removal, completion of dewatering, etc.) to assess the condition of the existing utilities and provide recommendations to retain, replace, or repair. Any utilities damaged by the pre-load, de-watering, or other ground preparation shall be replaced or repaired at the Developer's cost.
iii. Conduct pre- and post-preload elevation surveys of all surrounding roads, utilities, and structures. Any damage, nuisance, or other impact to be repaired at the developer's cost. The post-preload elevation survey shall be incorporated within the servicing agreement design.
iv. Monitor the settlement at the adjacent utilities and structures during pre-loading, dewatering, and soil preparation works per a geotechnical engineer's recommendations, and report the settlement amounts to the City for approval.
v. Submit a proposed strategy at the building permit stage for managing excavation de-watering. Note that the City's preference is to manage groundwater onsite or by removing and disposing at an appropriate facility. If this is not feasible, the Developer will be required to apply to Metro Vancouver for a permit to discharge into the sanitary sewer system. If the sanitary sewer does not have adequate capacity to receive the volume of groundwater, the Developer will be required to enter into a de-watering agreement with the City wherein the developer will be required to treat the groundwater before discharging it to the City's storm sewer system.
vi. Not encroach into City rights-of-ways with any proposed trees, retaining walls, or other non-removable structures.
vii. Coordinate the servicing agreement design for this development with the servicing agreement(s) for the adjacent development(s), both existing and in-stream. The developer's civil engineer shall submit a signed and sealed letter with each servicing agreement submission confirming that they have coordinated with civil engineer(s) of the adjacent project(s) and that the servicing agreement designs are consistent. The City will not accept the 1st submission if it is not coordinated with the adjacent developments. The coordination letter should cover, but not be limited to, the following:

- Corridors for City utilities (existing and proposed water, storm sewer, sanitary and DEU) and private utilities.
- Pipe sizes, material and slopes.
- Location of manholes and fire hydrants.
- Road grades, high points and low points.
- Alignment of ultimate and interim curbs.
- Proposed street lights design.
viii. Enter into, if required, additional legal agreements, as determined via the subject development's Servicing Agreement(s) and/or Development Permit(s), and/or Building Permit(s) to the satisfaction of the Director of Engineering, including, but not limited to, site investigation, testing, monitoring, site preparation, dewatering, drilling, underpinning, anchoring, shoring, piling, pre-loading, ground densification or other activities that may result in settlement, displacement, subsidence, damage or nuisance to City and private utility infrastructure.
ix. Traffic signal upgrades at No. $3 \mathrm{Rd} /$ Westminster Hwy to include traffic signal design and installation of traffic cabinet and components, UPS cabinet and LED street light luminaires.
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## Prior to Building Permit Issuance, the developer must complete the following requirements:

26. Construction Parking and Traffic Management Plan: Submission of a Construction Parking and Traffic Management Plan to the Transportation Department. Management Plan shall include location for parking for services, deliveries, workers, loading, application for any lane closures, and proper construction traffic controls as per Traffic Control Manual for works on Roadways (by Ministry of Transportation) and MMCD Traffic Regulation Section 01570. (http://www.richmond.ca/services/ttp/special.htm).
27. Development Permit: Incorporation of accessibility measures in Building Permit (BP) plans as determined via the Development Permit process.
28. Aircraft Noise Sensitive Development: Confirmation that the proposed development is designed in a manner that mitigates potential aircraft noise to the proposed dwelling units, including submission of:
a) Acoustic report prepared by a registered professional confirming design achieves the following CMHC interior noise level guidelines:

| Portions of Dwelling Units | Noise Levels (decibels) |
| :--- | :---: |
| Bedrooms | 35 decibels |
| Living, dining, recreation rooms | 40 decibels |
| Kitchen, bathrooms, hallways, and utility rooms | 45 decibels |

b) Mechanical report prepared by a registered professional confirming design achieves the ASHRAE 55-2004
"Thermal Environmental Conditions for Human Occupancy" standard for interior living spaces.
29. Construction Hoarding: Obtain a Building Permit (BP) for any construction hoarding. If construction hoarding is required to temporarily occupy a public street, the air space above a public street, or any part thereof, additional City approvals and associated fees may be required as part of the Building Permit. For additional information, contact the Building Approvals Department at 604-276-4285.
30. Solid Waste Pick-Up Signage: Incorporation of signage, located in the area around the solid waste service area and to the attention of "ALL GARBAGE AND RECYCLING TRUCKS TO SERVICE IN THIS AREA", in Building Permit (BP) plans that indicate the dimensions (width, length \& height) of the service area.

## Note:

* This requires a separate application.
- Where the Director of Development deems appropriate, the preceding agreements are to be drawn not only as personal covenants of the property owner but also as covenants pursuant to Section 219 of the Land Title Act.
All agreements to be registered in the Land Title Office shall have priority over all such liens, charges and encumbrances as is considered advisable by the Director of Development. All agreements to be registered in the Land Title Office shall, unless the Director of Development determines otherwise, be fully registered in the Land Title Office prior to enactment of the appropriate bylaw.
The preceding agreements shall provide security to the City including indemnities, warranties, equitable/rent charges, letters of credit and withholding permits, as deemed necessary or advisable by the Director of Development. All agreements shall be in a form and content satisfactory to the Director of Development.
- Additional legal agreements, as determined via the subject development's Servicing Agreement(s) and/or Development Permit(s), and/or Building Permit(s) to the satisfaction of the Director of Engineering may be required including, but not limited to, site investigation, testing, monitoring, site preparation, de-watering, drilling, underpinning, anchoring, shoring, piling, pre-loading, ground densification or other activities that may result in settlement, displacement, subsidence, damage or nuisance to City and private utility infrastructure.
- Applicants for all City Permits are required to comply at all times with the conditions of the Provincial Wildlife Act and Federal Migratory Birds Convention Act, which contain prohibitions on the removal or disturbance of both birds and their nests. Issuance of Municipal permits does not give an individual authority to contravene these legislations. The City of Richmond recommends that where significant trees or vegetation exists on site, the services of a Qualified Environmental Professional (QEP) be secured to perform a survey and ensure that development activities are in compliance with all relevant legislation.

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Plan \#11






Plan \#16

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VIEW FROM WESTMINSTER HWY


STREET VIEW ON WESTMINSTER HWY TOWARDS No. 3 ROAD

 WESTMINSTER HWY DP 19-878817


BUILDING PERSPECTIVES
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L5 - Site Plan










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DP 19-878817


PODIUM EAST INTERFACE


Plan \#47


8100-8180 WESTMINTER HWY
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SHADOW
DIAGRAMS


(3) PARKING P3 ACCESSIBLE ROUTE


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(2) PARKING PZ ACCESSIBLE ROUTE


(1) $\frac{5 \text { Fh FLOOR / AMENTIES / ROOF GARDEN ACCESSIBLE ROUTE \& LOCATIONS OF BUH UNITS }}{\text { IF }}$



(2) $\frac{6 \text { IHI FLOOR / AMENTIES ACCESSIBLE ROUTE \& LOCATIONS OF BUH UNITS }}{\text {. }}$

(4) SAMPLE 1-BR ADAPTABLE UNIT WITH BASIC UNIVERSAL HOUSING FEATURES (2-BR UNIT SIM.)
W. T. LEUNG


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Reference Plan

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 WESTMINSTER HWY DP 19-878817
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[^0]:    Perspective view looking. SW from Westminster Hwy showing the lane way elevation

[^1]:    * DATES ARE BEST ESTIMATED TARGETS AND SUBJECT TO CHANGE

