

Staff Report for Decision

File Number: DP001114

DATE OF MEETING June 17, 2019

AUTHORED BY BRIAN ZUREK, PLANNER, CURRENT PLANNING

SUBJECT DEVELOPMENT PERMIT APPLICATION NO. DP1114 -

4800 CEDAR RIDGE PLACE

OVERVIEW

Purpose of Report

To present for Council's consideration, a development permit application for a 170-unit residential development located at 4800 Cedar Ridge Place.

Recommendation

That Council issue Development Permit DP1114 at 4800 Cedar Ridge Place with the following variances:

- increase the maximum allowable building height for Building A from 14m to 15.75m;
- increase the maximum allowable building height for Building B from 7m to 11.5m;
- increase the maximum allowable building height for Building C from 7m to 10.35m;
- reduce the front yard setback for Building A from 6m to 4.13m;
- increase the height of a retaining wall within the front yard setback from 1.2m to 2.26m; and
- reduce the landscape screening requirements for the proposed refuse receptacles.

BACKGROUND

A development permit application, DP1114, was received from Highstreet Ventures Ltd., on behalf of Uplands Place Developments Ltd., in order to permit the construction of a 170-unit purpose-built rental, multi-family development at 4800 Cedar Ridge Place.

The City previously approved a development permit (DP645) in 2010 for a 97-unit multiple-dwelling residential development within the R8-zoned portion of the subject property, including a four-storey apartment building and townhouses, with variances to building height and parking. Council subsequently renewed the development permit in 2012 and construction commenced on a portion of the building foundation.

The current proposal includes three buildings, including one in a similar footprint as the existing remnant foundation.

Subject Property:

Zoning	R6 - Townhouse Residential R8 – Medium Density Residential
Location	The subject property is located on the northwest side of Long Lake off Rutherford Road.



Total Area	35,878.2m ²
Official Community Plan (OCP)	Map 1 – Future Land Use Plan – Corridor; Map 3 – Development Permit Area No. 5 – Steep Slope Development; Map 3 – Development Permit Area No. 9 - Commercial, Industrial, Institutional, Multiple Family and Mixed Commercial/Residential Development.
Relevant Design	General Development Permit Area Design Guidelines
Guidelines	Steep Slope Development Permit Area Design Guidelines

The subject property is vacant of buildings and is located in the Long Lake neighbourhood. The site is surrounded by a mix of residential uses (single family dwellings, duplexes, fourplexes, and apartment buildings), commercial services, and recreational amenities. The Grand Hotel (4898 Rutherford Road) and Nanaimo North Town Centre (NNTC) are located west of the subject property; single and multi-family residential developments are located to the north; and Salal Drive and Long Lake Heights are located to the east, with Lakeview Park, a multi-use trail, and Long Lake to the south.

The subject property contains exposed rock and sparse vegetation over shallow soils, with stands of mature forests throughout the site where conditions allow. The steeply sloping topography falls approximately 40m from north to south, offering views of Long Lake and greater Nanaimo, including Mount Benson.

The subject property is within walking distance of transit service, including the VIU express bus, and the NNTC site, which is designated as a Commercial Centre and Mobility Hub in the City's Official Community Plan (OCP) and Transportation Master Plan, respectively.

DISCUSSION

Proposed Development

The applicant proposes 170 residential units in three residential buildings and one common amenity building:

- Building A 7,752.0m²; 80 units (4 storeys)
- Building B 4,594.8m²; 48 units (3 storeys)
- Building C 3,984.0m²; 42 units (3 storeys)
- Building D (Amenity Building) 318.8m² (2 storeys)

The property is split-zoned R6 (upper and lower portions of the site) and R8 (central portion), which permit a Floor Area Ratio (FAR) of 0.45 and 1.25, respectively. The applicant's proposal includes an FAR of 0.5 for the R6 portion of the lot, and an FAR of 0.90 for the R8 portion of the lot. To obtain the required FAR in the R6 zone, the development will achieve Tier 1 of Schedule D – Amenity Requirements for Additional Density. Examples of amenities that will be provided include:

 Sustainable construction practices, including building materials with high levels of recycled content, and a waste management plan (65% landfill diversion target);



- Building performance targeted to exceed ASHRAE 90.1 2010 Energy Standard by 50% to BuiltGreen standard;
- Solar Photovoltaic arrays on the roofs of the buildings and outdoor covered parking;
- Low-flow fixtures through the buildings;
- Dedicated garden space for residents; and
- Permanent educational signage regarding sustainable construction and energy management practices used on site.

Additional onsite amenities for the residents include fitness and event space, and the purchase of a car-share vehicle for the exclusive use of tenants in the development.

Site Design

The site design integrates the development within the existing hilly topography and natural site features in order to minimize ground and flora alterations. Proposed Buildings B, C, and the amenity building are located on the flattest and least treed areas within the northern (R6-zoned) portion of the site. Proposed Building A is located on the central (R8-zoned) portion of the site, which corresponds roughly to the area of historic site disturbance. The southerly remainder of the slope, below Building A, overlooks Long Lake and drops steeply (more than 20m) to Lakeview Park. To preserve this slope in its natural state, the applicant proposes to voluntarily dedicate this portion of the site (approximately 22%) to the City as parkland as a condition of the Development Permit.

Vehicular access is provided from the end of Cedar Ridge Place, while access to and from Salal Drive will be restricted to emergency vehicles (managed with bollards) to mitigate additional traffic through the adjacent neighbourhood. To satisfy the requirement of an existing covenant registered on the property title, a publicly-accessible connection through the site will be provided along the internal driveway to connect Cedar Ridge Place to Salal Drive. Additional pedestrian pathways are provided between the buildings, parking areas, and amenity spaces to create a walkable, well-connected site for residents.

All of the required parking, including EV charging spaces, short- and long-term bike parking and secure storage are provided on site. Fifty-five percent of the vehicle parking is provided underbuilding.

Building Design

The proposed development is clustered into one four-storey building (Building A) and two three-storey buildings (Buildings B and C), each configured with below-grade parking in order to maximize green space and minimize impermeable surfaces. Building A, being the tallest, is situated downslope to preserve lake views for the buildings above; and the three-storey buildings upslope provide a reduced mass and height to transition to adjacent residences.

The overall unit composition includes a variety of types and sizes:

- 127 one-bedroom units; and
- 43 two-bedroom units.

The buildings incorporate a modern aesthetic with high-quality finishes, such as cement board siding, cultured stone, and heavy timbers. A rhythm of shed roofs, window fenestrations,



balconies, and ground-level decks and patios articulate the roof lines and building massing. The proposed two-storey amenity building is differentiated by a butterfly roof design to complement the residential buildings. This building will contain amenity space for residents and office space for the onsite residential managers.

The developer proposes Buildings B and C in the R6 zone. Ground floor units are oriented towards the internal and common area of the site, with patio doors providing access to individual apartments. The developer proposes ground-oriented elements for each unit, including individual and illuminated pathways, unit numbering, decorative features and materials, and detailed finishings similar to each building's common entrance. Additionally, the proposed landscaping plantings complement the ground-oriented nature of the courtyard units.

The developer proposes residential building designs consistent with Step Three of the BC Building Code, exceeding the energy efficiency standards required by code. The simple building form and detailed design will result in high performance and energy efficiency targeted to meet Built Green Gold or Platinum standards. Attempts to break up the building massing include architectural features and high-quality finishes that do not compromise the energy performance of the building envelope. The developer proposes the community building to be Net Zero, with energy performance consistent with Step Four of the BC Building Code. Additionally, the developer proposes to cover the rooftop of each residential building with solar panels to offset the development's electricity demand.

Landscape Design

The landscape plan has a woodland theme that retains much of the mature vegetation, trees, and rock outcroppings around the perimeter of the site, including the southerly slope. The developer proposes to utilize scale-appropriate trees, and low-growing shrubs and groundcovers to define parking, drive aisles, and amenity areas and to provide screening for neighbours. Seating areas are also placed throughout the site.

A water feature is located on a rock cliff near Building B and adjacent to the main drive aisle. The feature incorporates a native plant palette and bench seating with view opportunities to create a strong site aesthetic and functional storm water management. A rain garden is also proposed southwest of Building A, which complements the adjacent community gardens and a common patio overlooking Long Lake. Gabion baskets of blast rock from the property support the rain garden and preserve the natural character of the slope.

To satisfy the requirements of existing covenants registered on the property title, the developer is required to improve existing public infrastructure supporting active transportation and recreation including:

- construction of an urban hard-surface multi-use trail (over the existing soft-surface trail)
 with benches and pedestrian-scale lighting along the Lakeview Road frontage;
- frontage improvements along Salal Drive, including road widening, boulevard street trees, and off-set sidewalk; and
- cash-in-lieu for the future construction of a public dock on Long Lake. This contribution will be secured as a condition of the Development Permit.



Design Advisory Panel Recommendations

The Design Advisory Panel, at its meeting held on 2018-OCT-11, accepted DP001114 as presented and provided the following recommendations:

- Consider ways to identify each building individually;
- Consider alternate ways to break the vertical massing on the ends of the buildings (i.e. remove belly bands and add windows to the end walls);
- Reconsider the scale, proportion, and trim colour of the proposed windows to tone down the white detail and trim on the windows to soften the overall appearance and become more responsive to the views;
- Consider the placement of bollards at the Salal Drive access to limit vehicle movement;
- Give consideration to adding points of interest within the site;
- Consider ways to reduce the massing of the underground parking area:
- Consider ways to ensure a wayfinding strategy for the site; and
- Look at ways to reduce the exposure of the underground parking structures.

The applicant has addressed the recommendations of the DAP. Updated architectural drawings propose unique treatments to identify each building, detailing to soften their appearance, and additional openings to capitalize on views from the site. Updated landscaping drawings improve pedestrian amenities and provide additional plantings and rock features to screen exposed foundation walls from view.

Community Consultation

The applicant voluntarily hosted a community open house on 2019-APR-23 to present the project to area residents and respond to questions and concerns. While some participants were supportive of the project, a number of the surrounding neighbours raised concerns. The applicant has engaged residents in multiple meetings and revised the proposed development in response to the following key concerns raised by residents:

1. Density

The proposed development of 170 residential units on this site achieves a density of 50 units per hectare (uph), which complies with the OCP's target density (50-150 uph) for development within the Corridor designation. Residential developments in the Corridor designation are encouraged to achieve medium- to high-level densities, generally in two- to six-storey building forms. The proposed development meets the intent of the OCP to support increased residential densities in close proximity to surrounding services, transit, and recreational amenities.

2. Building Height

The R6-zoned portion of the site on which Buildings B and C are located has a grade change of approximately 12m, which makes it challenging to construct a townhouse project, including underbuilding parking, without variances to the allowable height. The applicant has revised the initial design of the project to reduce the height variances by raising the grades at the low side of each building and by reducing the interior height of units in Buildings B and C from nine to eight feet.



The applicant also reviewed opportunities to step down the ends of Buildings B and C; however, stepping back the third storey would have compromised the adherence to the proposed energy performance standards. Instead, the developer removed six units from Building C to reduce the overall building size as this building is the closest to adjacent neighbours.

3. Building Setbacks

Previous iterations of the proposal included a 3m side yard setback for the end of Building C from the north property line. In response to neighbours' concerns about the proximity to adjacent residences, the developer has increased the setback to 12.72m.

4. Building Form

Residents raised concerns about the proposed apartment building form in the R6 zone. While townhouses are permitted in the R6 zone, other forms of low-density development may be considered. In this proposal, a number of site constraints and rationale led to the proposed clustering of the development into three apartment buildings rather than dispersed townhouses or detached units in order to better respond to the site terrain and address the City's Steep Slope Development Permit Area Guidelines. The Zoning Bylaw permits 40% lot coverage in the R6 and R8 zones; the lot coverage of the R6 and R8-zoned buildings is 16% and 22%, respectively.

The development:

- minimizes encroachment into setback areas;
- minimizes the required road network and impermeable surfaces;
- maximizes retention of existing mature trees and vegetation for site aesthetics, buffering to adjacent residences, and storm water management; and
- preserves natural rock outcrops and existing sloped terrain.

To create a more ground-oriented design for the three-storey buildings in the R6 zone, the developer updated the elevations of Buildings B and C with ground-floor units to include elements typical of street-oriented townhomes, and materials consistent with principal entryways. Sliding doors to private ground-floor patio spaces were replaced by front doors and individual walkways to identify individual units and private separate accesses.

5. Traffic

In order to mitigate traffic impacts on the existing single-family neighbourhood on Salal Drive, vehicular access to the site will be restricted to Cedar Ridge Place; only emergency vehicle access will be permitted (with removable bollards) from Salal Drive.



Proposed Variances

Building Height

The maximum allowable building height is 7m and 14m in the R6 and R8 zones, respectively. The developer proposes portions of the rooflines to be over-height as follows:

- Building A at 15.75m; a variance of 1.75m
- Building B at 11.5m; a variance of 4.5m
- Building C at 10.35m; a variance of 3.35m

Building height is measured from the average grade of the sloping site at the foundation corners to the top of each building's shed roofs. If the shed roofs were removed, the average height of each building would be reduced by approximately 1.0m; however, the proposed elements add visual interest to each building and break up the mass of each structure.

Additionally, the developer proposes to minimize disturbance of existing rock and mature trees by limiting the amount of surface parking on the site by including underbuilding parking in each residential structure. With a limited footprint and underbuilding parking, the developer proposes to achieve the project density by constructing over-height buildings. Due to the orientation of the proposed buildings, the steeply-sloping topography, and the existing trees on the site, the proposed buildings would not limit views of Long Lake from the surrounding properties.

Front Yard Setback

The minimum required front yard setback in the R8 zone is 6m. The developer proposes Building A in the Salal Drive front yard setback at 4.13m; a variance of 1.87m. In order to reduce the size of Building C, four units were relocated to Building A, thereby increasing the length of the building. The developer chose not to extend the building to the west to avoid negatively impacting steeply-sloping terrain. The developer proposes plantings along the face of Building A facing Salal Drive that soften the edge of the building and provide a vegetated transition from public to private space.

Retaining Wall Height

The maximum height of a structure in a front yard, including a retaining wall, is 1.2m. The developer proposes a retaining wall in the front yard of Building A (along Salal Drive) at 2.26m; a variance of 1.06m. The wall is proposed to retain the driveway into the underbuilding parkade. Additionally, the structure is proposed to be constructed of gabion rock reclaimed from site-blasting activities.

Landscaping Regulations

The "City of Nanaimo Zoning Bylaw 2011 No. 4500" requires that utility kiosks, dumpsters, containers, and similar large receptacles be fully screened on three sides by masonry walls and landscaping. The proposed development does not include masonry walls surrounding its refuse receptacles, but will include landscaping.



Typically, refuse receptacles are dumpsters or garbage bins where permanent screening is desired. The proposed development will include a partially below-grade waste container and disposal system. The container design will eliminate the need for masonry walls. Landscaping will screen the receptacles from the buildings and from common areas of the site.

Staff support the proposed variances.

SUMMARY POINTS

- Development Permit Application No. DP1114 proposes a 170-unit purpose-built rental residential development at 4800 Cedar Ridge Place.
- The OCP Corridor designation supports the proposed development density and multistorey building form and densification in this location near a range of services, transit, and recreational amenities.
- The proposed development complies with the intent of the Development Permit Area Design Guidelines.
- Staff support the proposed variances to building height, front yard setback, retaining wall height, and landscape screening.

ATTACHMENTS

ATTACHMENT A: Permit Terms and Conditions

ATTACHMENT B: Location Plan

ATTACHMENT C: Site Plans and Sections
ATTACHMENT D: Building Elevations
ATTACHMENT E: Building Renderings

ATTACHMENT F: Landscape Plan and Details

ATTACHMENT G: Schedule D – Amenity Requirements for Additional Density

ATTACHMENT H: Aerial Photo

Submitted by:

Concurrence by:

L. Rowett, Manager Current Planning D. Lindsay, Director Community Development

ATTACHMENT A PERMIT TERMS AND CONDITIONS

TERMS OF PERMIT

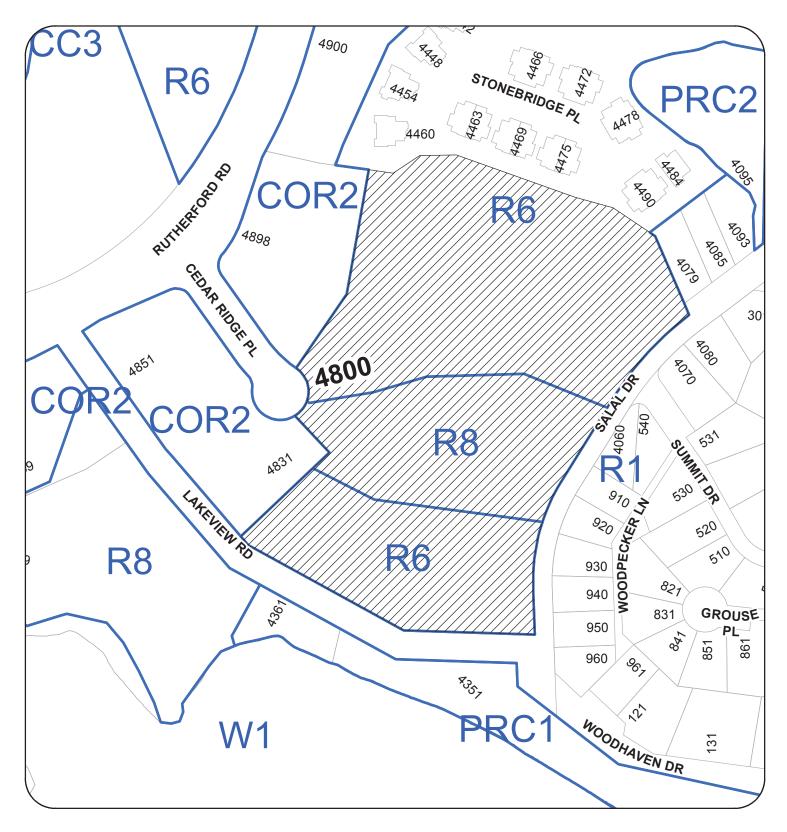
The "City of Nanaimo Zoning Bylaw 2011 No. 4500" is varied as follows:

- Section 6.10.2 Fence Height to increase the maximum allowable height for retaining walls from 1.2m to 2.26m in the front yard setback.
- Section 7.5.1 Siting of Buildings to reduce the minimum required front yard setback for Building A from 6m to 4.13m.
- Section 7.6.1 Size of Buildings to increase the maximum allowable building heights as follows:
 - Building A from 14m to 15.75m;
 - Building B from 7m to 11.5m; and
 - Building C from 7m to 10.35m.
- Section 17.3.3.1 Slopes, Urban Plazas, and Refuse Receptacles to reduce the landscape screening requirement for the proposed refuse receptacles to eliminate the requirement for masonry walls.

CONDITIONS OF PERMIT

- 1. The subject property is developed in accordance with the Site Plans and Sections prepared by WD FISHER ARCHITECT, dated 2019-MAY-07 as shown on Attachment C.
- 2. The subject property is developed in substantial compliance with the Building Elevations prepared by WD FISHER ARCHITECT, dated 2019-MAY-07 and 2019-MAY-30 as shown on Attachment D.
- 3. The subject property is developed in substantial compliance with the Landscape Plan and Details prepared by WSP LANDSCAPE ARCHITECTURE, dated 2019-MAY-08 as shown on Attachment F.
- 4. The subject property is developed in accordance with Schedule D Amenity Requirements for Additional Density dated 2019-MAY-24 as outlined in Attachment G.
- 5. The provision of park dedication prior to building permit issuance and consisting of approximately 7,950m² of the lower R6-zoned portion of the site generally as shown on the Site Plans as shown In Attachment C.

ATTACHMENT B LOCATION PLAN



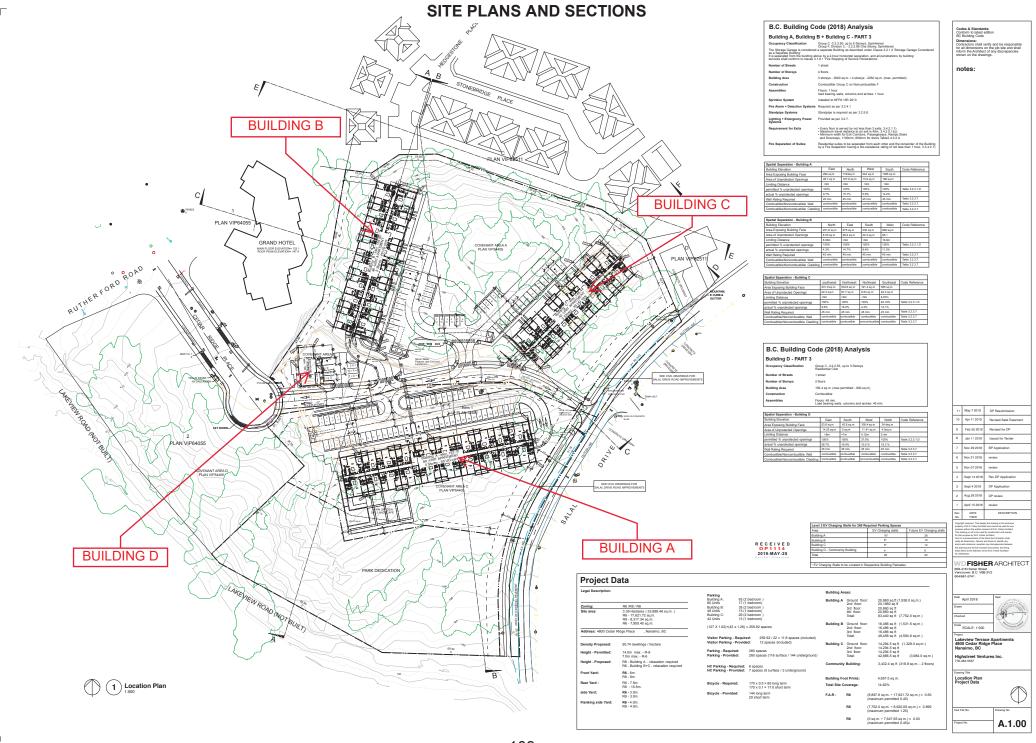
DEVELOPMENT PERMIT NO. DP001114



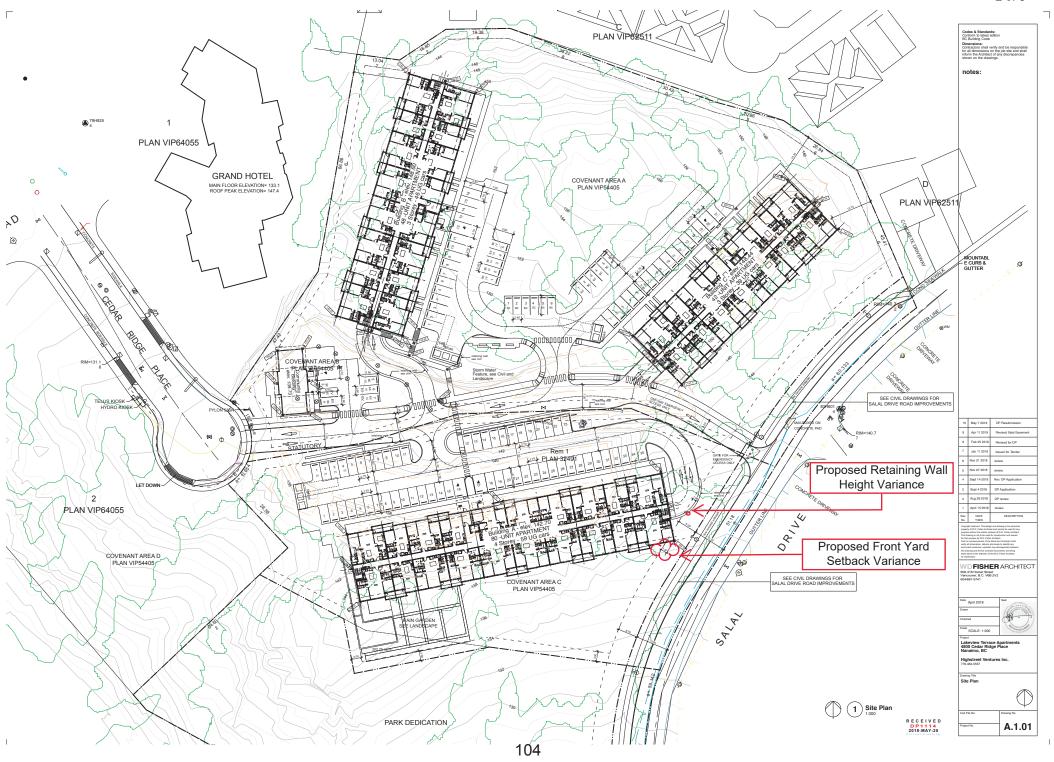
LOCATION PLAN

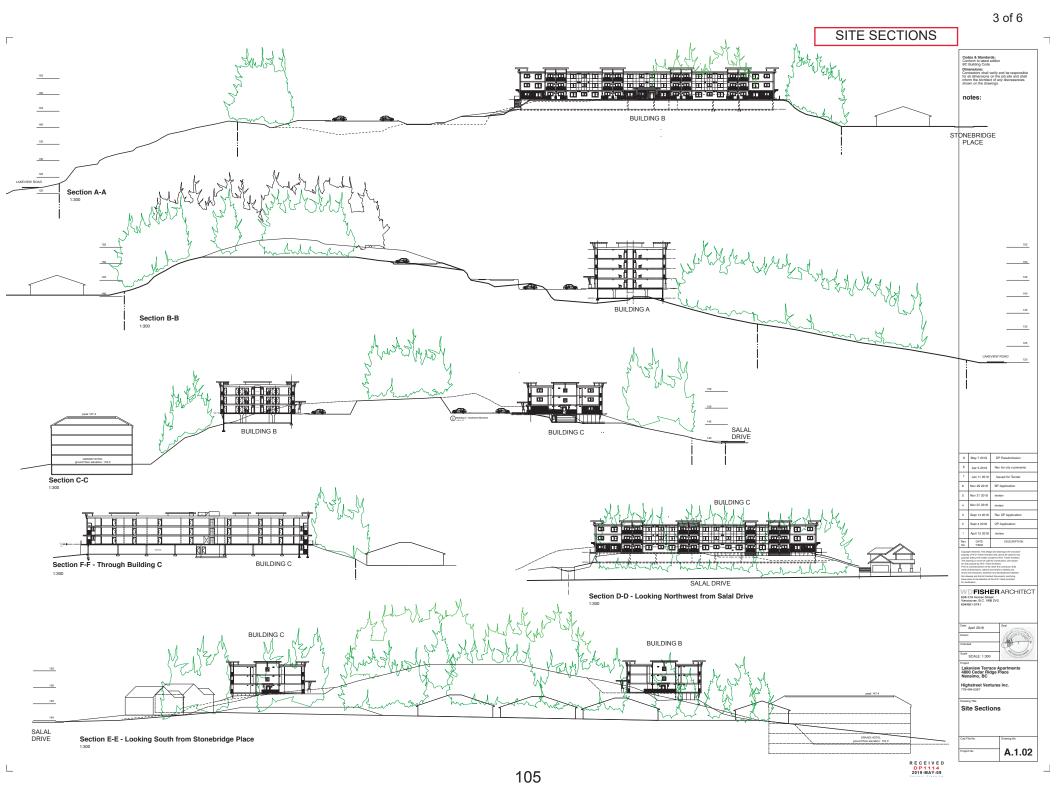
Civic: 4800 CEDAR RIDGE PLACE Legal Description: LOT 1, DISTRICT LOT 17

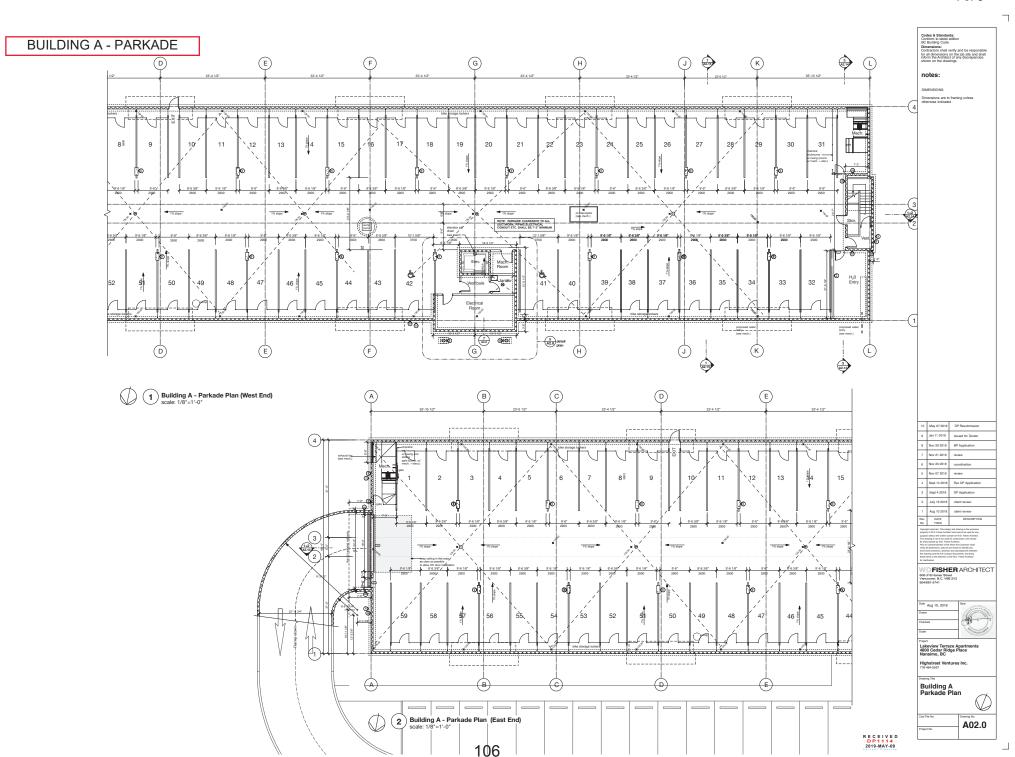
WELLINGTON DISTRICT, PLAN 32491 EXCEPT PART IN ALANS 37954, VIP62511 AND VIP64055



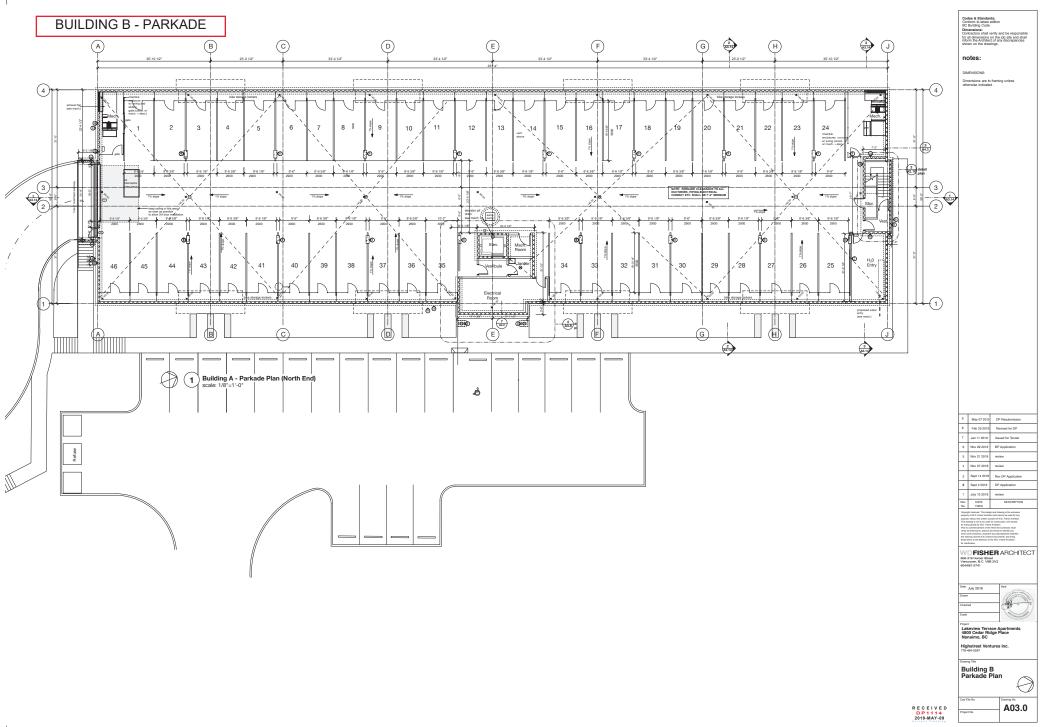
ATTACHMENT C

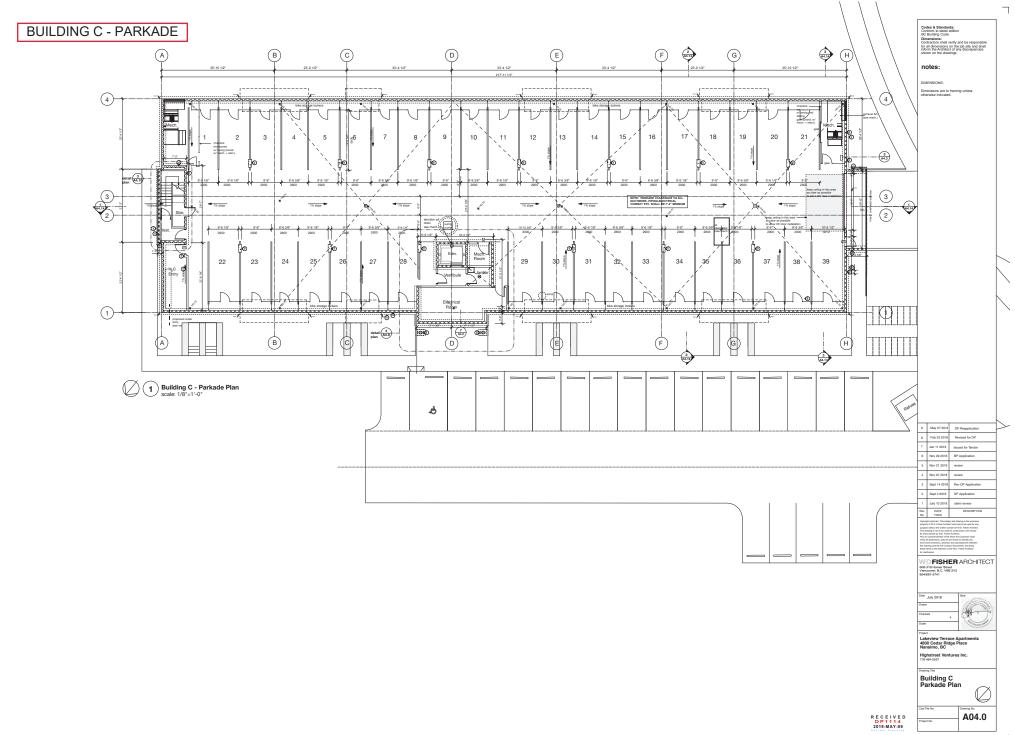




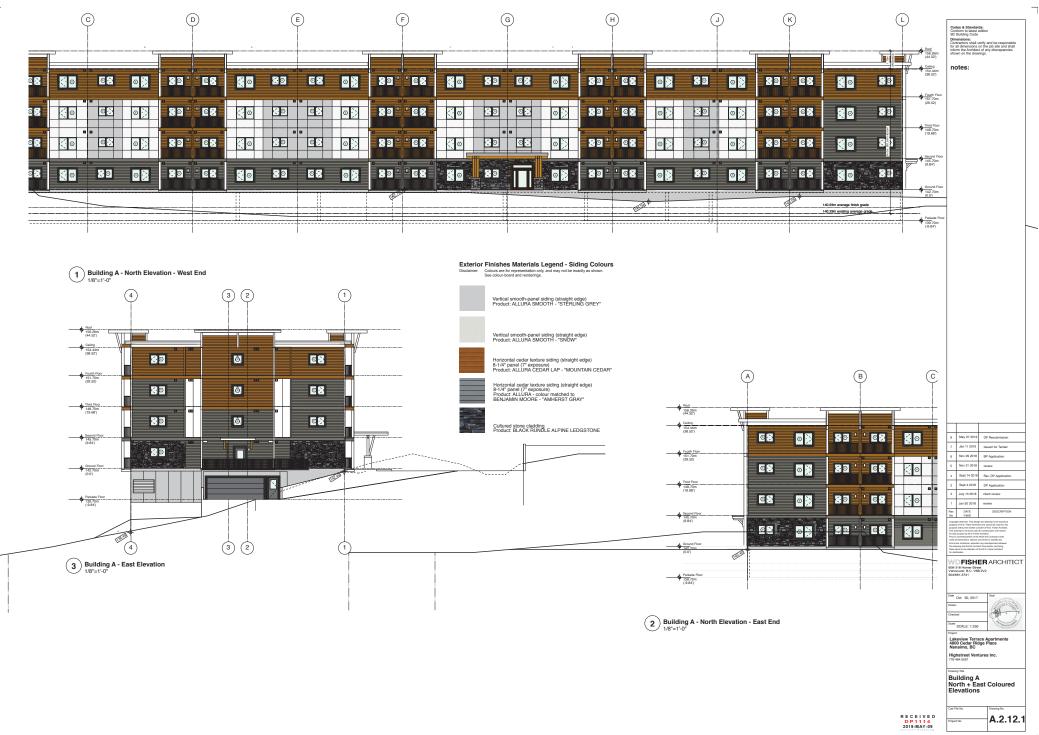


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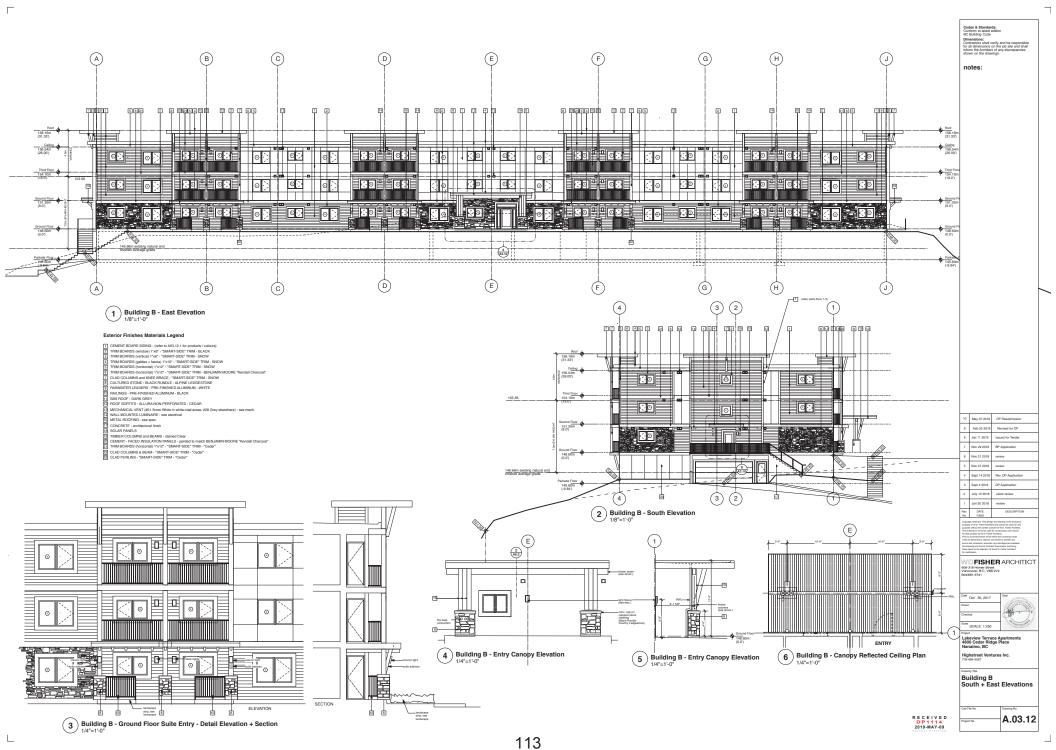




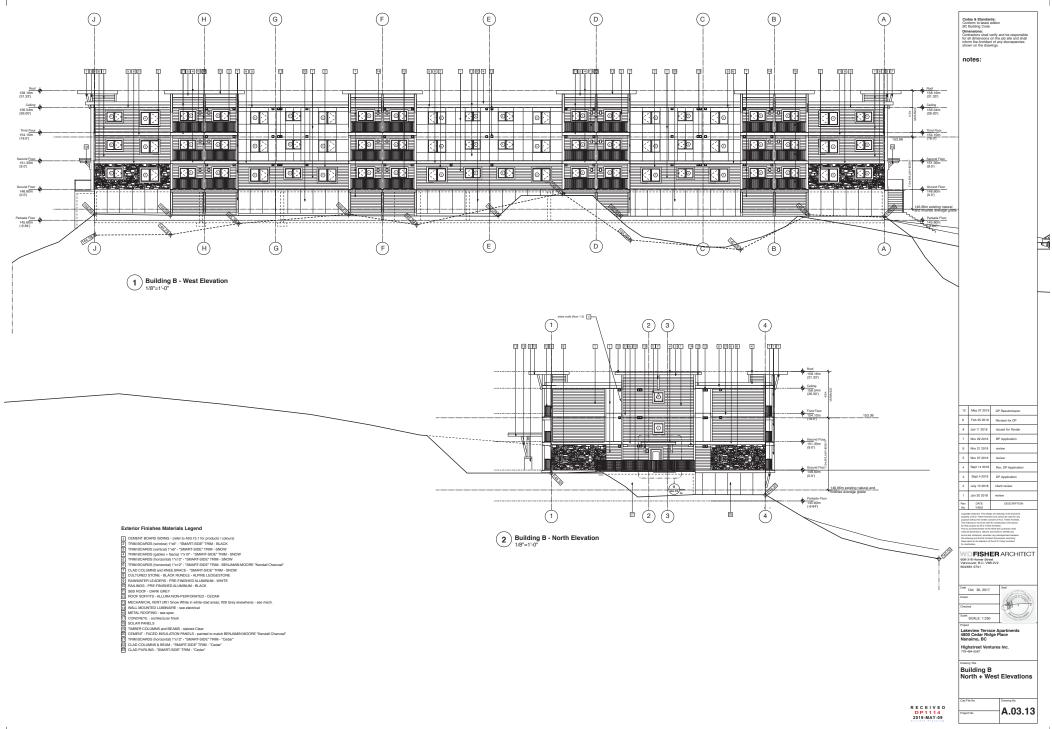




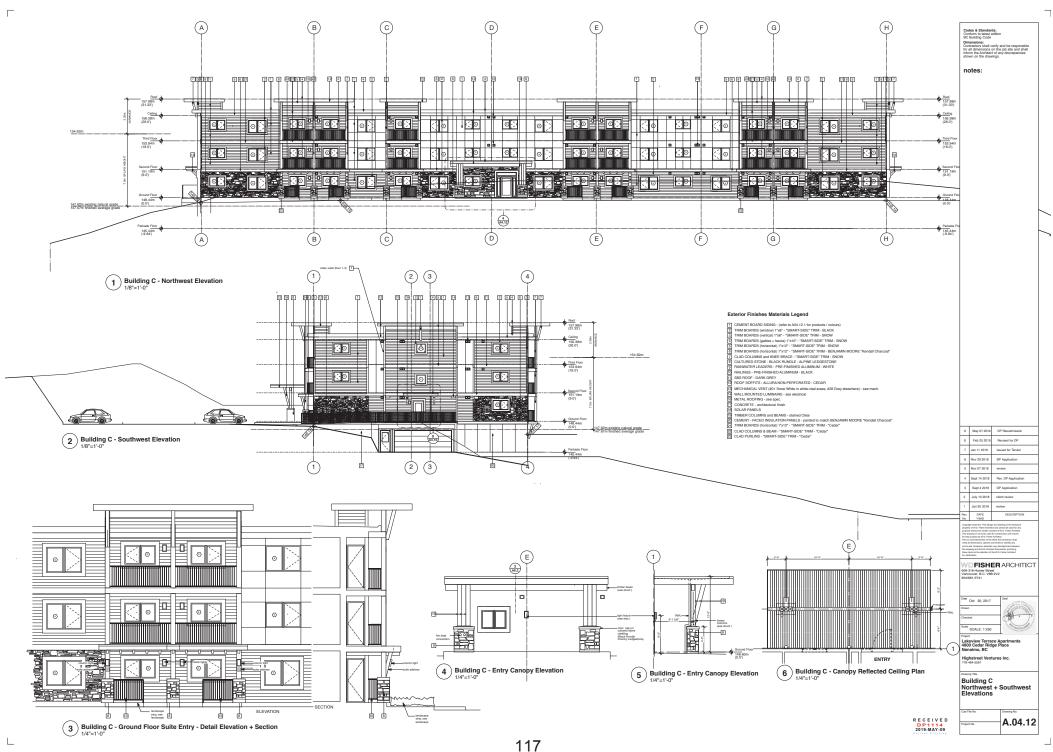




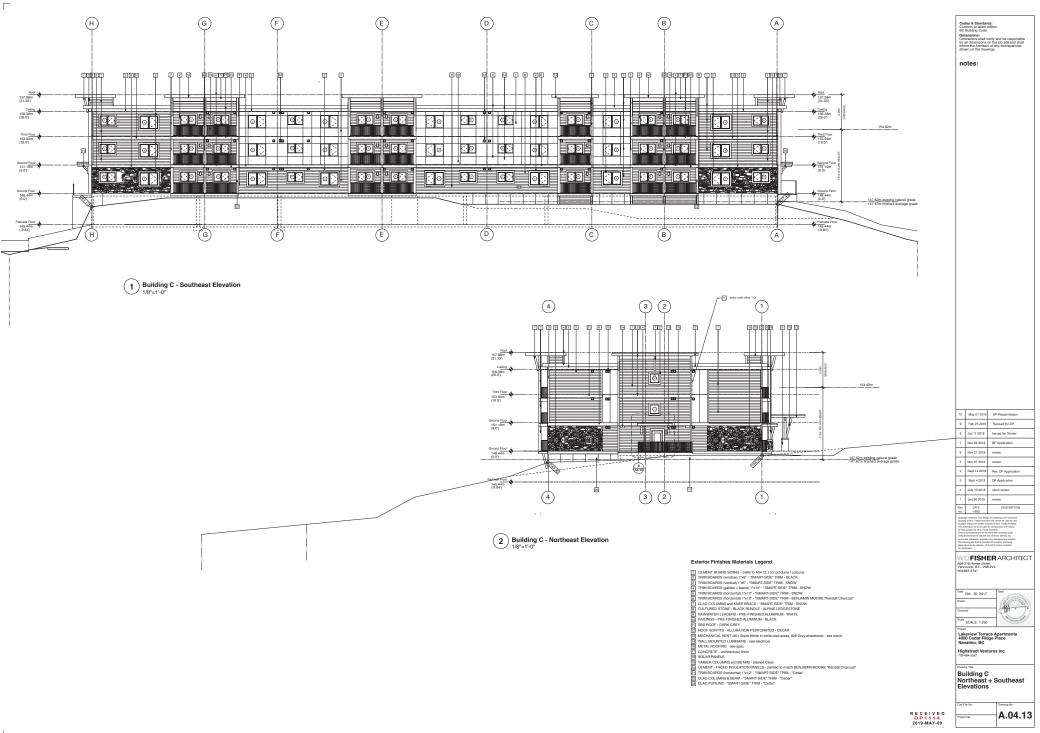




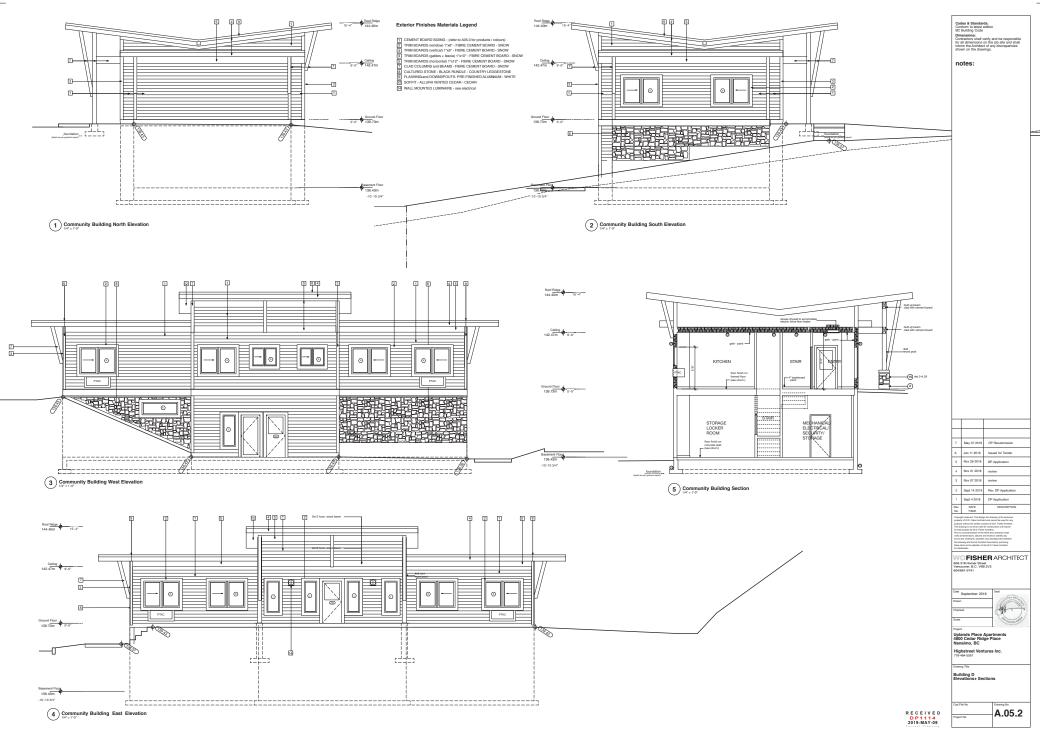


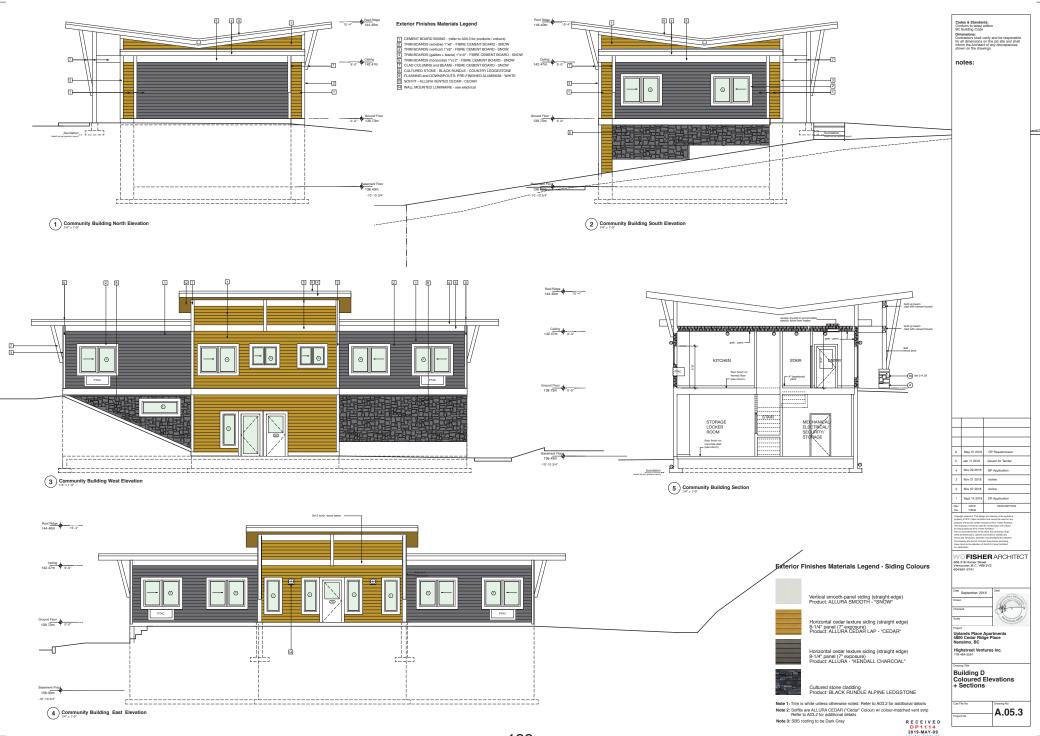


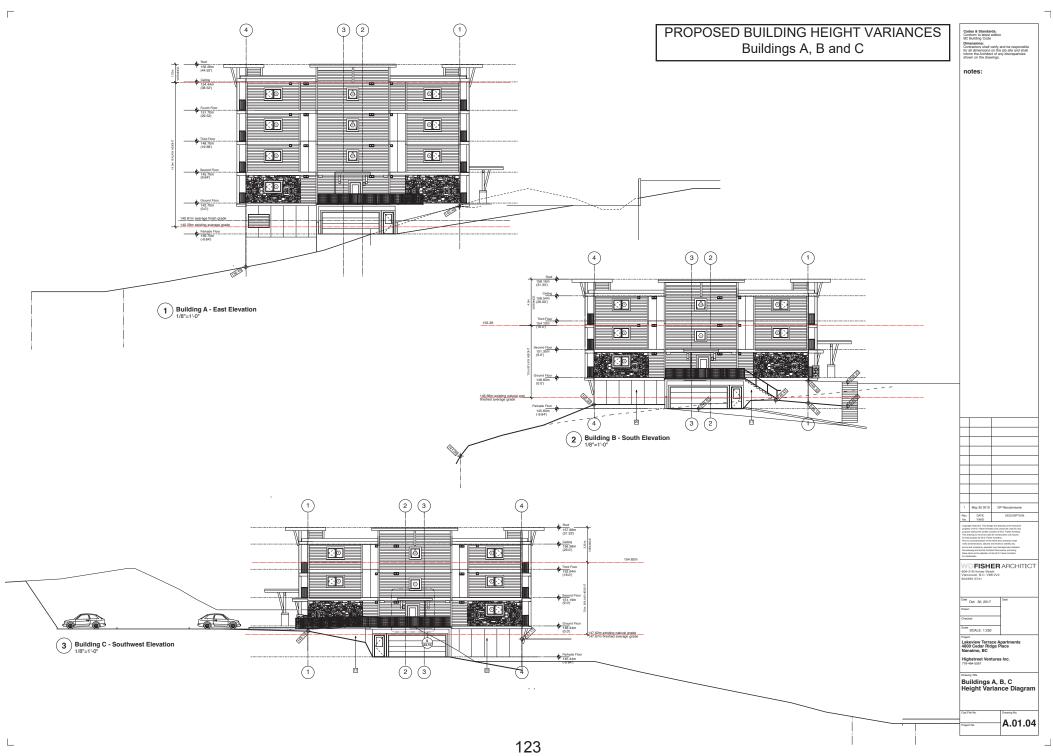












ATTACHMENT E BUILDING RENDERINGS







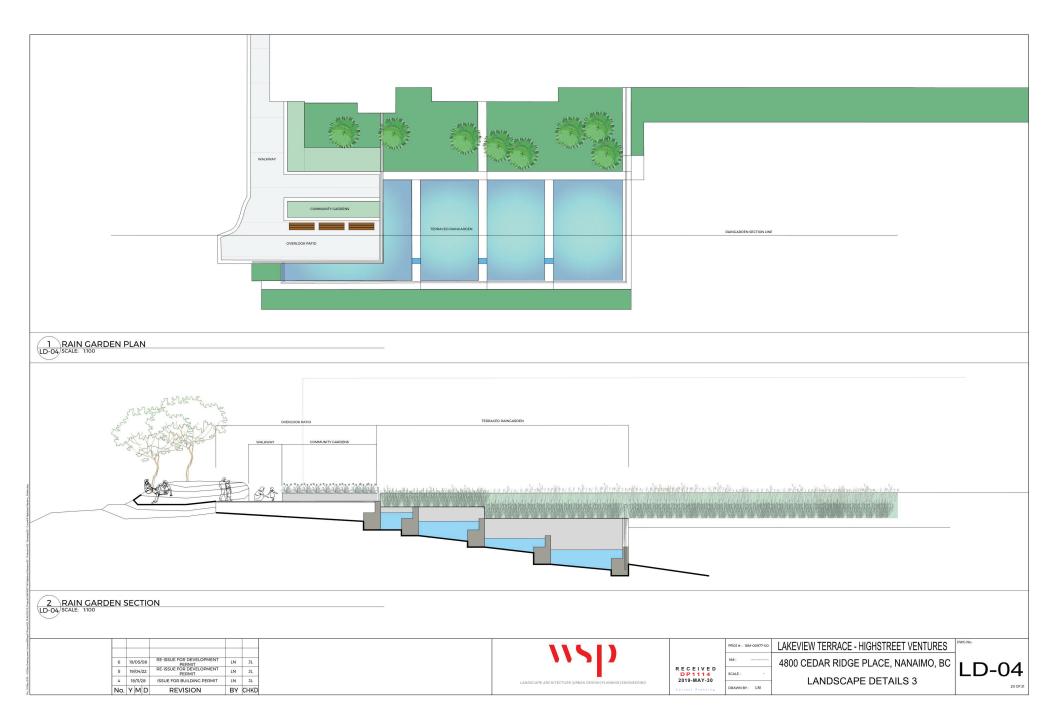




ATTACHMENT F LANDSCAPE PLAN AND DETAILS













1 GABION WALL PRECEDENT IMAGE LD-04/SCALE: N.T.S.

18/11/28	ISSUE FOR BUILDING PERMIT	LN	JL.
19/04/22	RE-ISSUE FOR DEVELOPMENT PERMIT	LN	JL
19/05/08	RE-ISSUE FOR DEVELOPMENT PERMIT	LN	JL
	19/04/22	19/04/22 RE-ISSUE FOR DEVELOPMENT PERMIT	19/04/22 RE-ISSUE FOR DEVELOPMENT LN PERMIT LN



RECEIVED DP1114 2019-MAY-30
Current Planning

PROJ #: 18M-00977-00	LA
M#:	4
SCALE : -	
DRAWN BY: LN	

LAKEVIEW TERRACE - HIGHSTREET VENTURES
4800 CEDAR RIDGE PLACE, NANAIMO, BC
LANDSCAPE DETAILS 5



ATTACHMENT G SCHEDULE D - AMENITY REQUIREMENTS FOR ADDITIONAL DENSITY

May 24, 2019

1 of 3

	SCHEDULE D		_
	Amenity Requirements for Additional Density		
Categor	y 1: Site Selection (10 points required)		
	Amenity	Points	Points Met
Α	The proposed development is located on a brownfield site.	5	0
В	The proposed development is located on an existing street where the location does not require any new infrastructure such as storms drains, curbs or sidewalks.	3	3
С	The proposed development is located within 200m of a park or trail network.	1	1
D	The proposed development is located within 400m of any of the following: -tali store; -talycare facility; -Nanaimo Regional District transit bus stop; -taly PRC (Parks, Recreation and Culture) Zoned property; and / or -talcs-1 (Community Service One) zoned property.	1 point each	5
Е	The proposed development will add any of the following amenities on the site, or immediately adjacent to the site, as part of the proposed development: -Eatail store or public market; -Eatail store or public market; -Eataycare facility; -Nanaimo Regional District transit bus stop; -Eaty PRC (Parks, Recreation and Culture) Zoned property; -ECS-1 (Community Service One) zoned property; and/ or -Dublic art.	1 point each	1
	TOTAL	20	10
	Minimum		10
	Satisfied		YES

	Amenity	Points	Points Met
A	The proposed development includes an Environmentally Sensitive Area (ESA), as indentified on Map 2 of the City's Official Community Plan and includes at least a 15m natural area buffer around the ESA.	2	0
В	The property includes the retention of natural vegetation, trees, shrubs, and under storey for a contiguous area that is equal to or greater than 15% of the property area, exclusive of the required watercourse leavestrip or environmentally sensitive area buffer.	3	3
С	The proposed development includes at least 50% retention of natural state.	1	1
D	The subject property includes at least one significant tree and the proposed development will not result in the loss of any trees included on the list of significant trees within the City of Nanaimo's Management and Protection of Trees Bylaw.	2	1
Ε	The proposed development includes street trees.	1	1
F	After re-planting, the proposed development does not result in a net loss of trees with a caliper greater than 6cm.	1	0
G	Post development, the total amount of trees on the property, or adjacent road right- of-way or public space is at least 20% more than the number of trees on the property before development.	2	0
Н	Restore a minimum of 50% of the site area (excluding the building footprint) by maintaining pervious surfaces.	3	0
ı	The development includes permanent educational signage or display(s) regarding the protected or planted plants, trees, animal habitat or other natural features on the site.	1	1
	TOTAL	16	7
	Minimum		8
	Satisfied		NO

Category	3: Parking and Sustainable Transportation (10 points required)		
	Amenity	Points	Points Met
Α	Long term protected bicycle storage is provided and shower and change room facilities are provided to accommodate building employees where applicable.	3	0
В	At least one parking space is clearly marked and designated for the exclusive use of a vehicle belonging to a car share or car co-op.	1	1
С	The developer purchases a new car and gifts the car to a recognized car share provider for the inclusion of a car share space on the subject property.	4	4
D	The parking area within the proposed development includes at least one electric vehicle charging station.	1	1
Е	A minimum of 80% of the total parking area is located underground or in a parking structure incorporated into the design of the building.	4	0

F	The proposed development includes covered and designated parking spaces for a motorized scooter or plug-in for an electronic bicycle or electric scooter, or a designated motorcycle parking space to accommodate the following number of spaces: a) multiple family residential developments: 1 motorized scooter or motorcycle space per 15 dwelling units; and b) non-residential uses: 1 motorized scooter or motorcycle space per 600m2 of Gross Floor Area for the first 5000m2 plus one space per 1500m2 of additional Gross Floor Area.; and c) a minimum of one electronic plug-in is provided to accommodate at least one electric scooter or electronic bicycle.	2	2
G	A pedestrian network is included in the proposed development that connects the buildings on the site with the public road right-of-way and, the pedestrian network from the adjacent site to which there is access by perpetual easement or right-of-way, provided the City agrees to accept the right-of-way.	2	2
Н	Parking does not exceed minimum parking requirements within the City's Development Parking Regulations Bylaw.	2	2
ı	The development includes signage or display(s) regarding sustainable transportation alternatives available on site or within the immediate area.	1	1
	TOTAL	20	13
	Minimum		10
	Satisfied		YES

-acegoi)	/ 4: Building Materials (8 points required)		
	Amenity	Points	Points Met
Α	Wood is the primary building material.	1	1
В	The proposed development uses salvaged, refurbished or reused materials; the sum of which constitutes at least 10% of the total value of materials on the project.	2	0
С	At least 50% of all wood products used in construction are certified by the Forest Stewardship Council (FSC) Canada.	3	3
D	The proposed development uses materials with recycled content such that the sum of the postconsumer recycled material constitutes at least 25%, based on costs, of the total value of the materials in the project.	2	2
E	The project developer has submitted a construction and waste management plan that, at a minimum, identifies the materials to be diverted from disposal and whether the materials will be sorted onsite or comingled.	2	2
F	At least 75% of the materials used in construction are renewable resources.	2	2
G	The property includes an existing building and at least 75% of existing building structure or shell is retained.	3	0
Н	The development includes permanent educational signage or display(s) regarding the sustainable use of building materials used during construction of the project.	1	1
	TOTAL	16	11
	Minimum		8
	Satisfied Satisfied		YES

	Amenity	Points	Points Met
A	The project developer has provided all of the following: a) letter from an mechanical engineer or equivalent consultant stating that the project exceeds the ASH RAE 90.1 2010 Energy Standard by 5% or more; and b) Letter of credit for 1 % of construction costs, prior to the issuance of a building permit, to be returned upon successful provision of all of the above to the satisfaction of the Manager of Building Inspections or designate.	5	5
В	The proposed developed is certified as a PassiveHouse by the Passive House Institute and meets the following standards: - Farly heating demand 15 kWh or peak heat demand s 10 W/m2 - Farly cooling demand 15 kWh - Falliding air tightness 0.6 ACH @50 - Facess temp frequency 10% - Fallimary energy demand 120 kWh	10	0
В	The development includes permanent education signage or display(s) regarding sustainable energy management practices used on site.	1	1
	TOTAL	16	6
	Minimum		6
	Satisfied		YES

Cat	tegory (6: Water Management (8 points required)		
		Amenity	Points	Points Met
1	A	At least 50% of the property is covered with a permeable surface area which may include a green roof.	2	0

The development site includes permanent educational signage or a display(s) regarding sustainable water management practices used on site. TOTAL Minimum	16	6 8
practices used on site.	16	1 6
	1	1
The proposed development includes a rain garden, cistern, bioswale or storm water retention pond on the property.	2	2
A water efficient irrigation system (such as drip) is installed.	1	1
A non-potable irrigation system is installed and used for all on-site irrigation.	3	0
A living wall is installed to cover at least 10% of the total available wall area for the proposed project.	2	0
A green roof is installed to a minimum 30% of the roof area.	3	0
Code standard.	2	2
	A green roof is installed to a minimum 30% of the roof area. A living wall is installed to cover at least 10% of the total available wall area for the proposed project. A non-potable irrigation system is installed and used for all on-site irrigation. A water efficient irrigation system (such as drip) is installed.	Code standard. A green roof is installed to a minimum 30% of the roof area. A living wall is installed to cover at least 10% of the total available wall area for the proposed project. A non-potable irrigation system is installed and used for all on-site irrigation. A water efficient irrigation system (such as drip) is installed. 1

	Amenity	Points	Points Met
Α	At least 10% of the residential dwelling units within a building are no greater than 29m2 in area.	1	0
В	At least 10% of the residential dwelling units meet all the accessibility requirements within the British Columbia Building Code 2012 (BCBC) or any subsequent Act or Acts which may be enacted in substitution therefore.	3	0
С	The developer agrees to enter into a Housing Agreement with the City of Nanaimo to ensure that at least 50% of all residential units shall not be stratified or sold independently for at least ten years after the building receives final occupancy.	3	0
D	The developer enters into a Housing Agreement with the City of Nanaimo to ensure that at least 10% of residential units sold will be sold for at least 20% less than the medium sell price for condos (apartment), as provided by the Vancouver Island Real Estate Board for the current year, and cannot be sold for greater than the original sale price for a period of ten years. The Gross Floor Area of the units provided for within the Housing Agreement must be greater than 29m2 in area.	4	0
Е	The developer enters into a Housing Agreement with the City of Nanaimo to ensure that where the residential units are subdivided under the Strata Property Act or otherwise sold separately, the strata corporation will not place restrictions which prevent the rental of individual residential units.	2	0
F	A permanent public art feature is included on the site in accordance with the City's Community Plan for Public Art.	2	0
G	A children's play area is provided.	1	0
Н	A dedicated garden space is provided to building residents and/or members of the community in which users are given the opportunity to garden.	1	1
I	The development site includes permanent heritage interpretive signage or heritage building elements where relevant.	1	0
J	The development protects and rehabilitates heritage buildings or structures, archaeological resources and cultural landscapes considered to have historical value by the City.	3	0
	TOTAL	21	1
	Minimum		10
	Satisfied Satisfied		NO

MIN. TIER 2 OVERALL TOTAL

54

60

ATTACHMENT H AERIAL PHOTO





DEVELOPMENT PERMIT NO. DP001114