

Reference: 2750

6377 Icarus Drive, Nanaimo, BC V9V1N4 phone. 250-933-1991  $\mid$  mobile. 250-751-9479

DARYOUSH FIROUZLI ARCHITECTURE INC

August 20th, 2021

Dear Ms. Lisa Brinkman, MCIP, RPP

Development Planner
Planning & design Section
Community Development

## Design & Variance Rationale for 6330 MCR0BB Ave. Nanaimo BC

Phase One of this project design and building few years ago, we are proud to be part of Design team in Phase #1 and continuing with Phase #2 as it is very great location and lots of success on development of these area.

Phase #1 is the rental building and Phase #2 also will be rental building as demand is very high in area and overall, in Nanaimo we are looking to use most of Density available for us in R8 zoning bylaw, also there is High Density zoning right by this property which allowed to build Highrise building right in backyard of this project,

The Design concept will follow Phase #1 with modern and clean line and some fright color accents. The Site design set up at Phase #1 with interior parking and Building entry for phase #2 will face to Phase #1 entry which make it these two building more connected.

The difference for this phase is we are building underground parking to make sure we provide nice green space and outdoor amenity which will use for all resident for both buildings at South side of property where we do have very impressive Arbutus Tree.

Also, this building is 6 Storey high to reduce the footprint of building add more Site area for outdoor amenity as well as reduce distance to other building in area like Texada and further developments.

As parking design for overall project (both phases) we are provided few extra parking's, As result of reviewing the project with City staff we provided verity unit sizes from Bachelor units, One Bedroom, Two Bedrooms and even three bedrooms units which looks like it is very hard to find in Nanaimo for Rental.

The only Variance we are looking for is Building Height.

## **Building Height Variance Rationale:**

These Two main reasons we think this is a good fit to this property

Reduce the building footprint and provide mor Outdoor amenity space

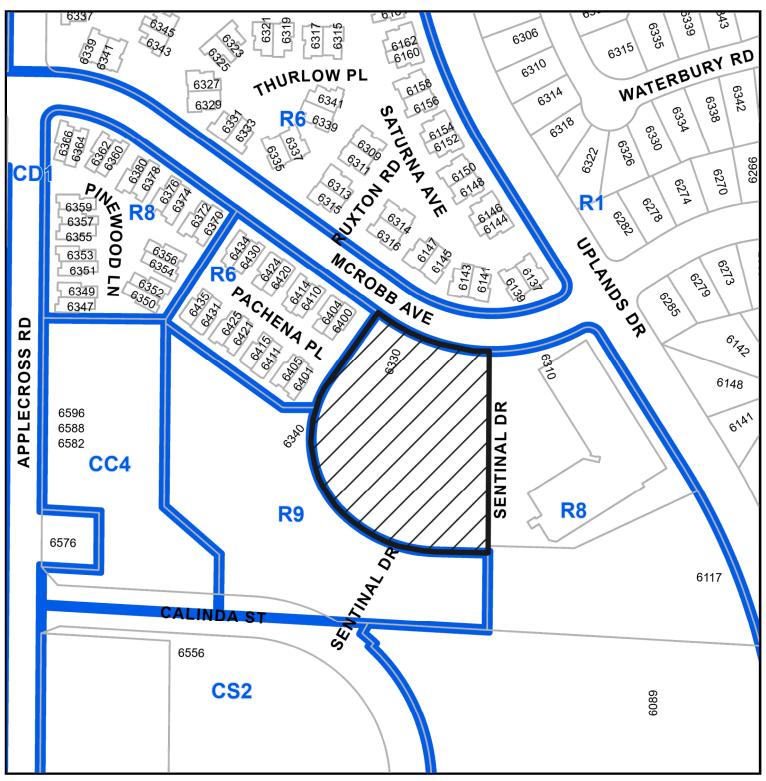
2- There is 14 storey zoning right behind this property which we understand under consideration to develop, and 6 Storey building will be nice transition between 4 storeys building for phase #1, Texada and even 5 storey building just under construction at moment.

Please feel free to contact us if you require any additional information.

**Daryoush Firouzli** 

Architect AIBC, RAIC, AIA, MArch

## **LOCATION PLAN**





# **DEVELOPMENT PERMIT APPLICATION NO. DP001241**

Subject Property

**CIVIC: 6330 MCROBB AVENUE** 

LEGAL: LOT 3 DISTRICT LOT 48 WELLINGTON DISTRICT PLAN VIP78452





# SITE PARTICULARS

CIVIC ADDRESS: 6330 McRobb Avenue, Nanaimo, BC

LEGAL ADDRESS: Lot 3, District Lot 48, Wellington District, Plan VIP78452

SITE AREA: 2.33 Acres

101,494.80 sq.ft. (9,429.18 m2)

ZONING: R8 Medium Density Residential

# PROJECT DATA

DESCRIPTION	ALLOWED / REQUIRED	PROPOSED (PHASE #2)	PROPOSED (PHASE #1)	
USE	R8 Medium Density Residential	R8 Medium Density Residential	R8 Medium Density Residential	
LOT AREA	19,375 sq.ft. (1,800 m2) Minimum	101,494.80 sq.ft. (9,429.18 m2)	101,494.80 sq.ft. (9,429.18 m2)	
LOT COVERAGE	40% = 40,597 sq.ft. (3,771.64 m2)	25% = 25,591 sq.ft. (2,377 m2)	11% = 11,696 sq.ft. (1,086.6 m2)	
BUILDING GROSS FLOOR AREA		Main Floor Plan:       12,873 sq.ft.         Second Floor Plan:       12,873 sq.ft.         Third Floor Plan:       12,873 sq.ft.         Fourth Floor Plan:       12,873 sq.ft.         Fifth Floor Plan:       12,873 sq.ft.         Sixth Floor Plan:       12,873 sq.ft.         Total       77,238 sq.ft.	Main Floor Plan: 11,696 sq.ft. Second Floor Plan: 11,564 sq.ft. Third Floor Plan: 11,564 sq.ft. Fourth Floor Plan: 11,564 sq.ft. Total 46,388 sq.ft.	
DENSITY	1.25 = 126,867 sq.ft. (11,786 m2)	1.22 = 123,626 sq.ft. (11,485 m2) Overall	0.46 = 46,388 sq.ft. (4,309.6 m2)	
SETBACKS	FRONT: 19.69' (6.0 m) Min. REAR: 34.45' (10.5 m) Min. SIDE: 9.84' (3.0 m) Min. SIDE (flanking street): 13.12' (4.0 m) Min.	FRONT: 19.69' (6.0 m) Min. SIDE: 34.45' (10.5 m) Min. REAR: 9.84' (3.0 m) Min. SIDE (flanking street)3.12' (4.0 m) Min.	FRONT: 19.69' (6.0 m) Min. REAR: 34.45' (10.5 m) Min. SIDE: 9.84' (3.0 m) Min. SIDE (flanking st.): 13.12' (4.0 m) Min.	
HEIGHT OF BUILDINGS	45.93' (14 m) Max.	64'-4" (19.60 m) Max.	44.33' (13.51 m) Max.	
AMENITY AREAS				
OFF-STREET PARKING	- 1.52 Stall per 3 bedroom units x 5 =7.60 - 1.26 Stall per 2 bedroom units x 30=37.80 - 0.88 Stall per 1 bedroom units x 35= 30.80 - 0.75 Stall per Studio units x 18 =13.50 REQUIRED BY EXISTING BYLAW 89.7 STALLS Phase #2	Large stalls 61 Small stalls 10 H/C stalls 2 Total: 73 Plus additional 15 stalls in Phase #1	- 1.52 Stall per 3 bedroom units - 1.26 Stall per 2 bedroom units x 24= 30.24 - 0.88 Stall per 1 bedroom units x 23 = 20.24 - 0.75 Stall per Studio units x 3 = 2.25 REQUIRED BY EXISTING BYLAW 52.73 STALLS provided 68 stalls there is additional 15 stalls	







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Current Planning

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6330 MCROBB AVENUE NANAIMO, BC PHASE #2 ROBIN KELLEY

RENDERING
PRELIMINARY

A5.2

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6330 MCROBB AVENUE NANAIMO, BC PHASE #2 ROBIN KELLEY

2750

RENDERING
PRELIMINARY

A5.3

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DP1241
2021-AUG-23
Current Planning













6330 MCROBB AVENUE NANAIMO, BC PHASE #2 ROBIN KELLEY

RENDERING
PRELIMINARY

A5.4









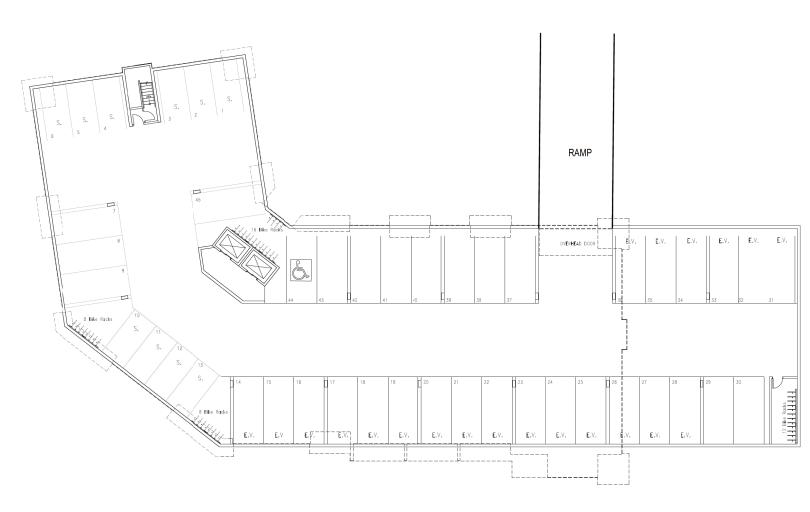




6330 MCROEB AVENUE NANAIMO, BC PHASE #2 ROBIN KELLEY
PROJECT NO. 2750

RENDERING
PRELIMINARY

A5.5



UNDERGROUND PARKING













6330 MCROBB AVENUE NANAIMO, BC PHASE #2

ROBIN KELLEY

2750

PROJECT NO.

underground parking
PRELIMINARY





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2021-AUG-23



2nd, 3rd, 4th, 5th & 6th TYPICAL FLOOR PLAN













ROBIN KELLEY
TYPICAL FLOOR PLAN
PRELIMINARY





## PHASE 2 RESIDENTIAL - - - - - - LANDSCAPE CONCEPT - - - - - 6330 McROBB AVENUE, NANAIMO, BC

## **DESIGN RATIONALE**

### Overall Concept:

The building at 6330 McRobb has been designed around the existing Arbutus tree on the south side of the property and has become the focal point of the project. The planting scheme consisting of a typical woodland edge planting design will surround the building, providing a setting which works with the existing tree and the mass of the building.

This planting will consist of a tree layer, conferous trees (species such as Serblan Spruce) medium sized deciduous trees such as flowering dogwood, a deciduous shrub layer (indigenous plants), and a low evergreen shrub/groundcover layer (indigenous plants). Plants will be selected for hardiness and wildlife (bird and insect) value.

#### The site is divided into three main areas:

- . The Arbutus Garden
- 2. The Front Entry Garden
- 3. The Sentinel Streetscape (the Arbutus Garden edge is part of this streetscape)

#### The Arbutus Garden

A private garden, secured by a 4'-0" high metal picket fence with:

- A sunny patio outside the amenity room,
  A winding path through a quiet place of grass and trees with places to sit and read or visit with friends.
- The reinstatement of groundcovers under the arbutus,
  Creation of a bioswale which will be
- ureation or a posswase which will be
   functional, taking the rainwater from the roof and allowing infiltr
   into the surrounding garden
   or mamerital, it will be an organic "stream" at the centre of the
   garden space, running through a lawn
   A planted ego to screen the street

- · small deciduous trees and groundcovers to accommodate slope:
- a bench at the front door
   bollards to mark pathways
   bike racks

The Sontinel buffer area will be planted with a variety of plants forming the woodland edge, see above. This will allow filtered views in and out of the site. The vegetation is designed to soften the scale of the building, shade and cool it south flacing rooms from direct sunlight and provide variety and interest to both residents and passently allow the street.

# PROPOSED PHASE 2 APARTMENT BUILDING SENTINEL DRIVE EXISTING ARBUTUS

## LANDSCAPE KEY PLAN Scale: N.T.S.

## PLANTING SCHEME



Existing Arbutus tree



conifers



medium deciduous trees



small deciduous trees



deciduous shrubs



evergreen shrubs



bike racks

## SITE ELEMENTS



boulder from site



metal picket fence



benches



crushes gravel path lighting bollards



## PLANT PALETTE

INCLUDING REPLACEMENT TREES: 56 DECIDUOUS

12 CONIFEROUS

			12 CONII LINOUN	
on	Key	Botanical Name	Common Name	Pot
		<u> </u>		Size
	_	Deciduous Trees		_
(-)	Ap	Acer palmatum	Japanese Maple	2.5m
	_			
	404	Amelanchier grandiflora 'Autumn	Service berry	10 gall
کی مح	AgA	Brilliance"	Service terry	10 gail
~				
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_	_			_
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( • 7)	Ck	Cornus kousa	Chinese Dogwood (multistem)	3m. ht
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	Fsd	Fagus sylvatica 'Dawyck Gold'	Dawyck Gold Beech	6 cm cal
C. J.J	1 30	ragos syrvanca Danyon Colo	Danyer Gold Dodo!	o ciii cae
( • )	Pp	Parottia persica 'Vanessa'	Upright Persian Ironwood	6 cm cal
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. 3	Sjap	Styrax japonica	Snowbel Tree	6 cm cal
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		Coniferous Trees		
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Same?	1.00	Silvina Mulia	on our oprove	
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38/Mc				
	Ps	Pinus sylvestris	Scots Pine	2m ht
All har				
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TESTS.				
390		Hedging / Shrubs / Grasses / Ferns & Perennials		
190		& Perennials		
-: m 2478	_			_
	Tm	Hedging Taxus media Hicksii	Yew	5 gall
	Ct	Evergreen Shrubs Choisya ternata	Mexican Orange Blossom	#1
	La	Lavendula angustifolia "Hidcote"	English Lavender	#1
	La Sh	Sarcoccoca humilus	Sweetbox	#1
	Vd Vo	Viburnum davidii Vaccinium ovatum	Sweetbox David's Viburnum Evergreen Huckleberry	#1
	V0			
			Evergreen Huckleberry	#1
		Deciduous Shrubs		
	Cs	Deciduous Shrubs Cornus alba siberica		#1
	Hd	Deciduous Shrubs Cornus alba siberica Holodiscus discolor	Red Twigged Dogwood Ocean Syray	#1
		Deciduous Shrubs Cornus alba siberica Holodiscus discolor Ribes sanguineum		#1
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NOTES: ALL GRADES APPROXIMATE; TO BE CO-ORDINATED WITH



REVISIONS:
Issued for DP - 2021Jul26
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6330 McROBB NANAIMO, BC

PROJECT:

SITE LEGAL DESCRIPTION:

SHEET TITLE **CONCEPTUAL** LANDSCAPE DESIGN SCHEME

SCALE: AS NOTED DATE: JUL. 2, 2021 DRAWN: CHECKED VJD PROJECT NUMBER: 6330 McRCBB 2021

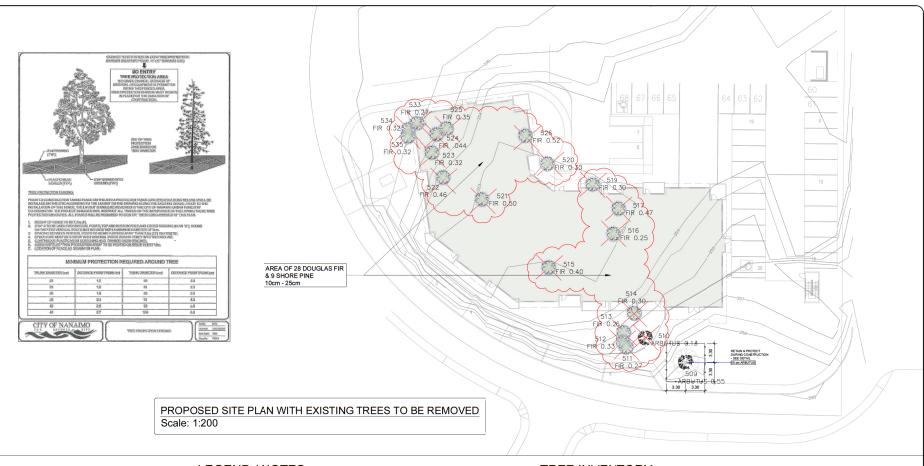
L0.1/DP

MUN. DWG#:

2021-AUG-23







## LEGEND / NOTES



APPROXIMATE EDGE OF EXISTING TREES TO BE REMOVED

EXISTING STAND REMNANT DRY SITE: SMALL (<10cm dbh) TO INTERMEDIATE (60cm dbh) DOUGLAS FIR, SHORE PINE, ARBUTUS

UNDERSTORY: SALAL - DOMINATED WITH BRACKEN FERN & PINE / ARBUTUS / DOUGLAS FIR REGENERATION

## TREE INVENTORY

LIST OF TREES ON SITE TO BE REMOVED
\*\*\*PLEASE NOTE PLANT LIST FOR REPLACEMENT TREES

NO. OF TREES	COMMON NAME & FEATURES	CAL SIZE	REPLACEMENT TREES REQUIREMENTS -131 REQUIRED
1	ARBUTUS	13 cm CAL	2
28	DOUGLAS FIR	10 - 15 cm CAL	56
9	PINE	10- 15 cm CAL	18
7	DOUGLAS FIR	23 - 30 cm CAL	21
6	DOUGLAS FIR	32 - 44 cm CAL	24
5	DOUGLAS FIR	46 - 60 cm CAL	30

NOTES: ALL GRADES APPROXIMATE; TO BE CO-ORDINATED WITH

See L0.1 for Plant Palette

REVISIONS:

Issued for DP - 2021Jul26

CONSULTANT:

PROJECT:

6330 McROBB NANAIMO, BC

SITE LEGAL DESCRIPTION:

SHEET TITLE

TREE MANAGEMENT PLAN

SCALE: DATE:
AS NOTED JUL. 2, 2021

DRAWN: CHECKED:
DR VJD

PROJECT NUMBER:
6330 McRCBB 2021

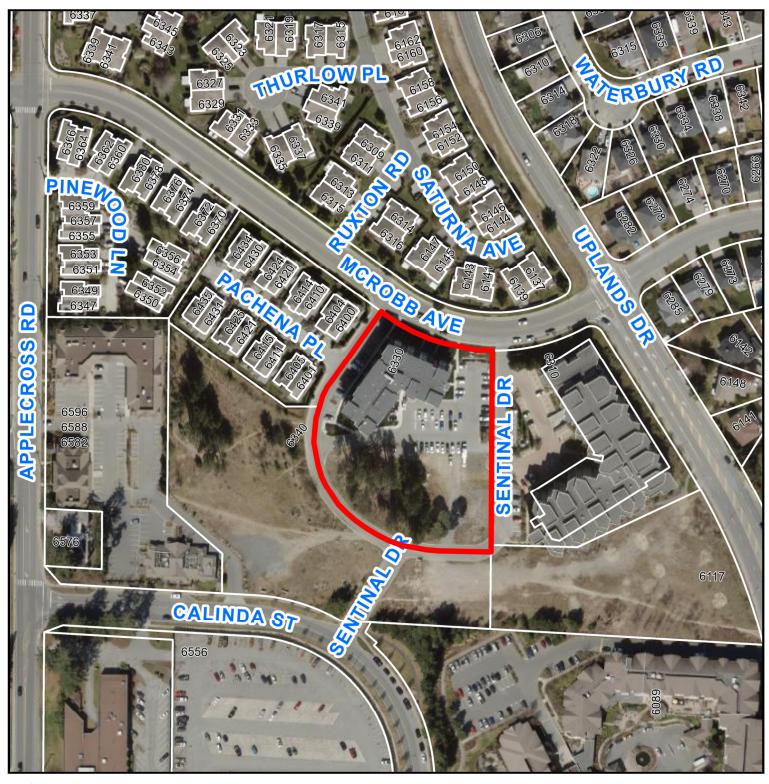
DRAWING NIMBER:

L0.3/ TMP

IIIN DWC4.

RECEIVED DP1241 2021-AUG-23

# **AERIAL PHOTO**





# **DEVELOPMENT PERMIT APPLICATION NO. DP001241**



6330 MCROBB AVENUE