

MacDonald + Hagarty Architects Ltd. 1822 Comox Rd. Unit E Comox BC V9M 3M7

Tuesday, April 30, 2024 City of Nanaimo Nanaimo BC

4125 Jingle Pot Road & 4300 Forge Road Development Permit Design Rational

Introduction

Pacific Swell is planning to build an industrial park for 30 commercial retail units on a 2.70 acre (1.09 hectare) lot in the Wellington neighbourhood of Nanaimo east of HWY 19. The 30 units will be located in three separate buildings, which will front Jingle Pot Road and Boban Drive, along with access from both sides of Forge Road. The main access will be from Jingle Pot Road and Forge Road via Boban Drive. The proposed development retains large existing coniferous trees along Jingle Pot Road, and provides a natural landscape buffer.

Desired Outcomes for Industrial Lands

GENERAL

D4.6.1

- Creates Industrial Lands that support a maximum of 30 new business spaces.
- Uses the entire lot within setbacks to provide Industrial Lands, limiting encroachment of other uses.

D4.6.2

• This development will support growth of the industries that occupy the CRU's, providing adjacencies to other businesses.

D4.6.3

• Located close to Highway 19 and Island Hwy N, and conveniently 10km from downtown Nanaimo, and adjacent to existing light industrial areas, this development provides connectivity with regional and local contexts.



RECEIVED DP1345/DP1346 2024 - APR - 30 Current Planning

D4.6.4

• This development does not re-designate or rezone any Industrial Lands to other uses.

D4.6.5

This project could potentially take advantage of circular economy principles.

D4.6.6

This development is not directly adjacent to, or visible from Provincial Highways.

D4.6.7

 This development has adjacencies to other CRU's that could allow sharing of energy and resources, and does have a collective waste management area.

D4.6.8

 Appropriate drought resistant vegetation and natural features for storm water management are provided in this development. It will meet the current Step Code requirements of the City of Nanaimo for energy use.

LIGHT INDUSTRIAL

D4.6.17

 This development is planned to support less land-intensive industries that are accessed by staff and customers on a regular basis.

D4.6.18

This development is set up to support the typical uses listed.

D4.6.19

The building forms of this development suit industrial buildings and structures.

D4.6.20

This development allows for up to two storeys in building height.

D4.6.21

 Supportive, transitional, and emergency housing are not considered for this development. DP1345/DP1346



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2024-APR-30

D4.6.22

- This development is suited to supporting uses adjacent to Urban Centres, Corridors and Neighbourhoods.
- Limited accessory retail sales would be a potential use of the development, and uses which do not require direct access from major roads, and do not require large customer parking lots.
- It is not designed as a shopping destination, recreational use, and does not require substantial outdoor storage as primary use.

D4.6.23

• This development will meet the requirements for Light Industrial uses in terms of noise and emissions, operational hours, visual impact from public sight lines, and use, generation or storage of hazardous materials.

D4.6.24

• Any office space provided would be ancillary to the Light Industrial primary use.

D4.6.25

• A natural buffer is provided along Boban Road and Jingle Pot Road containing natural vegetation and human made paths and retaining rock walls, including buffers along adjoining lots with residential designations.

D4.6.26

• This development encourages the adjacencies for "incubator" style facilities.

D4.6.27

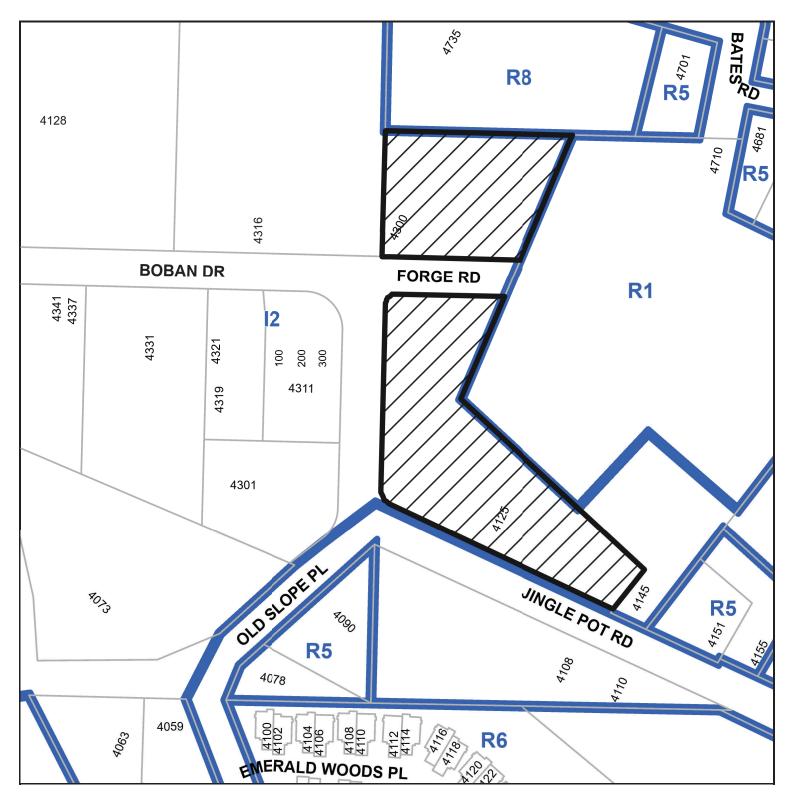
• This development utilizes the buildable area efficiently, allowing for mezzanines to be added through Tenant Improvements.

Sincerely,

Maris MacDonald, Architect AIBC for MacDonald Hagarty Architects



SUBJECT PROPERTY MAP



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4125 JINGLE POT ROAD & 4300 FORGE ROAD

AERIAL PHOTO







4125 JINGLE POT ROAD & 4300 FORGE ROAD



MATERIAL LEGEND



7	2 1 4

MATERIAL LEGEND I STOREFRONT OG KRYTAN WALLENTRY DOOR WITH SIDELGHT, CHARG 2. STEEL ROLLUP OVERHEAD DOOR, CHARCOAL SUITE SIGNAGE BACKLIT OR WITH LINET OVER 3. PRE-EXAMERED INSULATE METAL FOR TAX 5. PRE-EXAMERED INSULATE METAL FOR SIGNAT 5. STOREFRONT OF CURTAN WALL GLAZING UNIT CHARCOAL 5. METAL CHARCOAL INSULATE METAL FOR METAL SIGNAT

AUTHORITY STREET ADDRESS LEGAL DESCRIPTION PID ZONING USE TYPE	CITY OF NANAIMO 4300 FORGE ROAD & 4125 JINGLEPOT - LOTA, PLAN EPP24198, SECTION 5, WELLINGTON LAND DISTRUCT (4300 FORGE ROAD) - LOTB, PLAN EPP24198, SECTION 5, WELLINGTON LAND DISTRUCT (4122 JINGLE POT ROAD) - 031-881-886 (4125 JINGLE POT ROAD)			
SITE DATA				
BUILDING AREA	BUILDING A BUILDING B BUILDING C TOTAL	2357.4 sq m 1255 sq m 2300 sq m 5912.4 sq m		
SITE AREA	4300 FORGE 4125 JINGLEPOT TOTAL	5821.7 sq m 10954.5 sq m 16776.2 sq m		
SITE COVERAGE	4300 FORGE 4125 JINGLEPOT TOTAL	39.5% 33.0% 35.2%	ALLOWABLE 12 - 40%	
BUILDING HEIGHT		8.18 m	12 m	
SETBACKS	FRONT REAR REAR WHEN ABUTS R1 SIDE #1 SIDE #2	REQUIRED 7.5 m 4.5 m 7.5 m 6.0 m 0.0 m	PROVIDED > 7.5 m > 4.5 m > 7.5 m > 6.0 m > 0.0 m	
PARKING	BUILDING A BUILDING B BUILDING C	REQUIRED 24 13 23	PROVIDED 21 12 27	
1 STALL PER 100M ²	TOTAL BUILDING A	59 8 12	60 8 12	
LOADING 1 PER CRU	BUILDING B BUILDING C TOTAL	12 10 30	12 10 30	
TYPICAL STALL DIMENSIONS (W x L)		2.75m x 5.80m	2.75m x 6.00m	
TYPICAL LOADING DIMENSIONS (W x L)		3.5m x 10.0m	3.5m x 7.62m	
2-WAY AISLE WIDTH		6.70m	6.70m	

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CRU SPACE LABELS, DIMENSIONS AND AREAS

Building A CRU schedule					
Space Number	Space Name	Location	Room Dimensions	Gross Area	
101	A - CRU 1	LEVEL 1	40'0" x 25'0"	92.9 sq m	
102	A - CRU 2	LEVEL 1	50'0" x 25'0"	116.1 sg m	
103	A - CRU 3	LEVEL 1	55'0" x 25'0"	127.7 sq m	
104	A - CRU 4	LEVEL 1	65'0" x 25'0"	151 sq m	
105	A - CRU 5	LEVEL 1	75'0" x 25'0"	174.2 sq m	
106	A - CRU 6	LEVEL 1	80'0" x 25'0"	185.8 sq m	
107	A - CRU 7	LEVEL 1	90'0" x 25'0"	209 so m	
108	A - CRU 8	LEVEL 1	95'0" x 25'0"	220.6 so m	
109	A - CRU 9	LEVEL 1	105'0' x 25'0"	243.9 sq m	
110	A - CRU 10	LEVEL 1	115'0" x 25'0"	267.1 sq m	
111	A - CRU 11	LEVEL 1	120'0" x 25'0"	278.7 sq m	
112	A - CRU 12	LEVEL 1	125'0" x 25'0"	290.3 sq m	
				2357.4 sg m	

Building B CRU schedule

Space Number	Space Name	Location	Room Dimensions	Gross Area
113	B - CRU 1	LEVEL 1	40'0" x 25'0"	92.9 so
114	B - CRU 2	LEVEL 1	50'0" x 25'0"	116.1 so
115	B - CRU 3	LEVEL 1	60'0" x 25'0"	139.4 sq
116	B - CRU 4	LEVEL 1	70'0" x 25'0"	162.6 sq
117	B - CRU 5	LEVEL 1	80'0" x 25'0"	185.8 sq
118	B - CRU 6	LEVEL 1	90'0" x 25'.249"	209.3 sq
119	B - CRU 7	LEVEL 1	100'1.506" x 25'0"	232.5 so
120	B - CRU 8	LEVEL 1	50'0" x 25'0"	116.1 so
				1255 sg

Building C CRU schedule

Building o orto schedule					
Space Number	Space Name	Location	Room Dimensions	Gross Area	
121 0	C - CRU 1	LEVEL 1	100'0" x 25'0"	232.3 sg m	
122	C - CRU 2	LEVEL 1	100'0" x 25'0"	232.3 sa m	
123	C - CRU 3	LEVEL 1	100'0" x 25'0"	232.3 sg m	
124	C - CRU 4	LEVEL 1	100'0" x 25'0"	232.3 sa m	
125	C - CRU 5	LEVEL 1	100'0" x 25'0"	232.3 sa m	
126	C - CRU 6	LEVEL 1	100'0" x 25'0"	232.3 sg m	
127	C - CRU 7	LEVEL 1	100'0" x 25'0"	232.3 sg m	
128	C - CRU 8	LEVEL 1	100'0" x 25'0"	232.3 sg m	
129	C - CRU 9	LEVEL 1	100'0" x 25'0"	232.3 sg m	
130	C - CRU 10	LEVEL 1	90'0" x 25'0"	209 sg m	
				2300 sg m	

Forge Industrial



PROJECT DATA

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DP1345 2024-APR-30 Current Plannin

PROJECT & CODE DATA

PROPERTY DATA





PROJECT INFO & SITE PLAN

R E C E I V E D DP1346 2024-JUL-08

4300 Forge Road

A0.01



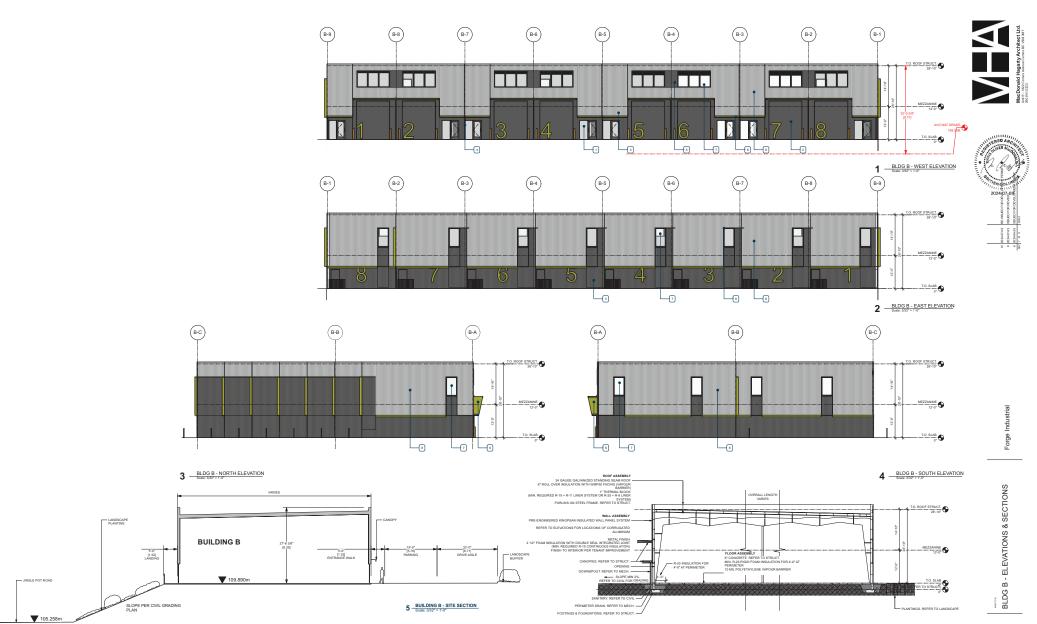
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4125 Jingle Pot Road R E C E I V E D 2024-JUL-08



6 TYPICAL SECTION EAST-WEST

 WATERIAL LEGEND

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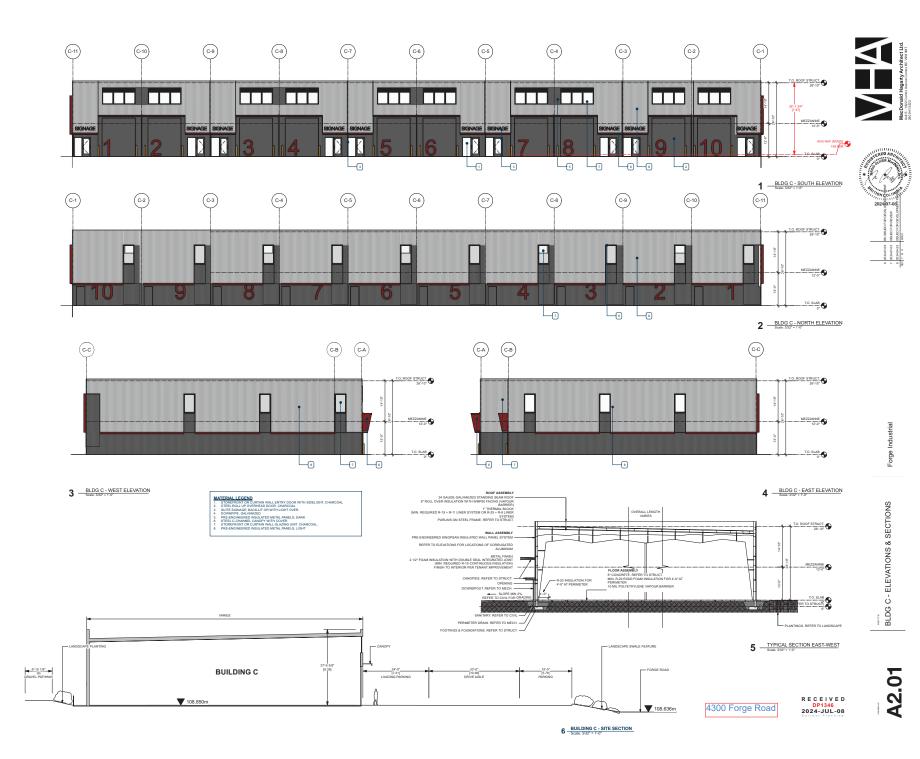
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4125 Jingle Pot Road

R E C E I V E D DP1345 2024-JUL-08

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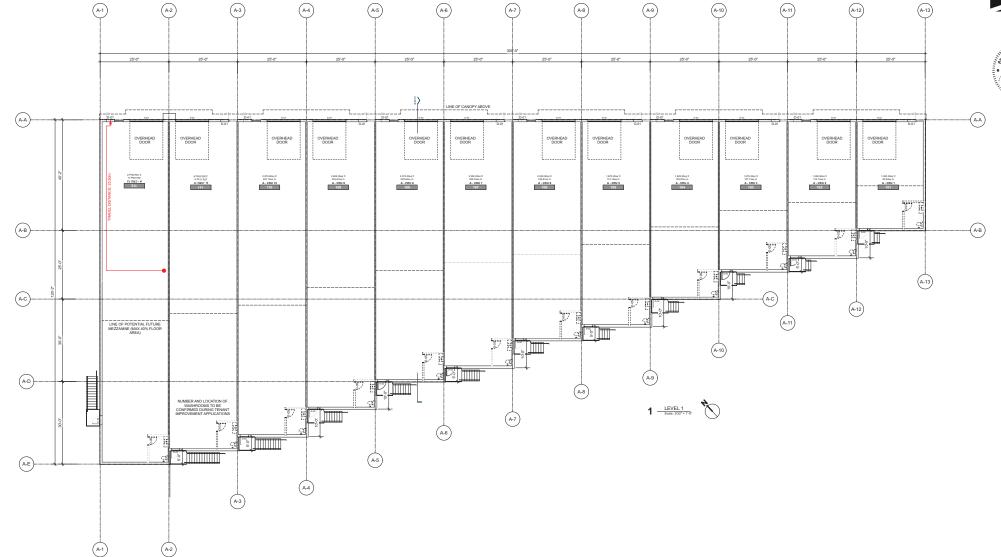
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Forge Industrial



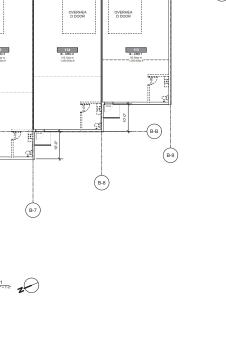
4125 Jingle Pot Road

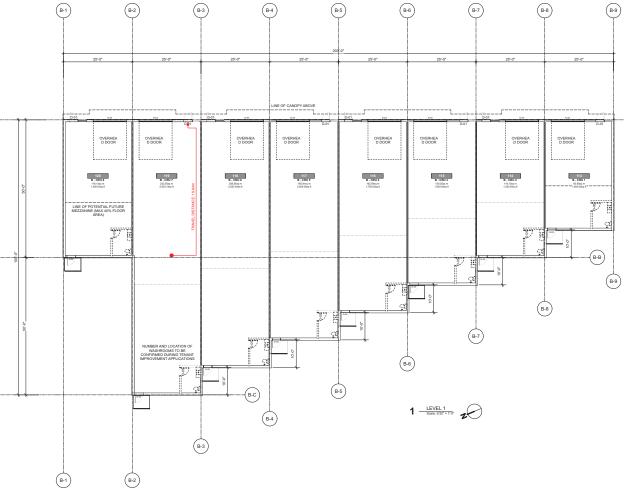
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BLDG A - LEVEL 1









4125 Jingle Pot Road

R E C E I V E D DP1345 2024-JUL-08

(B-A)

(B-B)-

(B-C)

A1.02





4300 Forge Road

A1.01



4125 Jingle Pot Road- Landscape Concept Plan



Project No: 2133 JUN-09-23 2B-495 Dupplin Rd. Victoria B.C. V8Z 1B8 Phone: (250) 598-0105 Fax: (250) 412-0696



KEY PLAN

Recommended Nursery Stock

28882828	vegetative screening.					NET PEAK
			Recommende	d Nursery Stock		
	000000		Trees Total: 92	Botanical Name Acer nubrum 'October Glory' Almus rubra Cercidphyllum japonicum Cercid canademis Forest Pansy' Magnolia 'Daybreak' Picea omorika 'Bruns' Stewartia pasodocamellia	Common Name October Giory Red Maple Red Alder Katsura Tree Forest Paray Redbud Daybreak Magnolia Brunt Serbian Spruce Japanese Stewartia	Size 6cm cal. 6cm cal. 6cm cal. 5cm cal. 2.5M HL. 6cm cal.
			Large Shrubs Total: 252	Botanical Name Arbutus unedo "Compacta" Ceanothas thyraillorus victora" Lonicera nitida Raggesen's Gold" Mahonia aquifolium Philadojhus levisii Pinis japonica 'Vally Valentine'	Common Name Compact Strawberry Bush Victoria Ceanothus Baggesen's Cold Box Honeysuckle Tail Oregon Grape Wild Mock Orange Valley Valentine Lijh Of The Valley	Size #5 pot #5 pot #5 pot #5 pot #5 pot
			Medium Shrubs Total: 179	Botanical Name Cistus sativiifolius 'Prostratus' Cornus sanguinea 'Midwinter Fire' Cornus servicea 'stolonifera' Rosa rugosa	Common Name Creeping Rockrose Red Twig Dogwood Yellowtwig Dogwood Saltspray Rose	Size #SP3 pot #5 pot #5 pot #5 pot
		— 5-October Glory Red Maple trees.	Small Shrubs Totai: 1782	Botanical Name Carex 'ice Danca' Corrus solonifera 'Kelseyi' Gaultensi atlanon Lawandua efficinalis Mahonia nervosa Nandrina diomesica 'Fire Power' Spiraea douglasii	Common Name Ice Dance Sedge Ketsey Dogwood Salat English Lavender Low Oregon Grape Frie Power Heavenly Bamboo Hardhack	Size #1 pot #1 pot #1 pot #1 pot #1 pot #1 pot #1 pot
		— Swale features native and adaptive shrubs, groundcovers, and ornamental grasses suitable for wet areas. Raingarden features a river rock channel at the low-point to mitigate erosion and assist in	Perennials, Annuals Total: 2109	s and Ferns Botanical Name Bichmum spicant Calamagostas x acufilora 'Karl Foerster' Carex 'ke Danco' Helicitorichon sempervitens Juncia effausa Nasela faruiasima Perovskia shigitofiloi Rudbeckia fulgida 'Goldsturm'	Common Name Deer Fern Karl Foerster Feather Reed Grass Ice Dance Bedge Blue Oat Grass Common Rust Maxican Feather Grass Russian Sage Goldsturm Black Eyed Susan	Size #1 pot #1 pot #1 pot #1 pot #1 pot #1 pot #1 pot #1 pot
		 directing sotrmwater flows. (Features: Yellowtwig Dogwood, Red Twig Dogwood, Kelsey Dogwood, Low oregon grape, , Hardhack, Common Rush, Ice Dance Sedge, Low Oregon Grape)		Botanical Name Arctostaphylos uva-urai Fragaria chiloensis eted to current BCSLA Landscape S be irrigated with an automatic irriga		Size #1 pot #SP3 pot



March 29-24

4300 Forge Road- Landscape Concept Plan

5-Red Alder trees. -

-Bark mulch under tree canopys.

trees.

BUILDING C

2-Forest Pansy Redbud trees

9-Red Alder trees

3-Forest Pansy Redbud trees

Swale features native and adaptive shrubs, groundcovers, and ornamental grasses suitable for wet areas. Raingarden features a river rock channel at the low-point to mitigate erosion and assist in directing sotrmwater flows. (Features: Yellowtwig Dogwood, Red Twig Dogwood, Kelsey Dogwood, Low oregon grape, Common Rush, Ice Dance Sedge, Low Oregon Grape)

October Glory Red Maple

-Low maintenance native meadow seed mix

> Mixed shrub border along perimeter of site provides vegetative screening.



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LADR LANDSCAPE ARCHITECTS

Project No: 2133 JUN-09-23

2B-495 Dupplin Rd. Victoria B.C. V8Z 1B8 Phone: (250) 598-0105 Fax: (250) 412-0696