Kulwulton

(Hul'q'umi'num' for Chase River)

11-Unit Townhouse Development in Chase River in Nanaimo

Multi-Family Property

The proposed 11-unit townhouse development at 1534 Extension Road in Chase River is a multi-family, residential property. The lot was recently rezoned from R1 to R6 and now allows for up to 11 unit multi-family dwellings. This property borders Extension Road and the E & N Railway.

The Property

The property and each of the units are positioned to take advantage of the beautiful north-easterly views of the mountains and valley. The property and the units are positioned to ensure a breathtaking view. Thorough landscaping along Extension Road will ensure privacy and greenspace.

The lot welcomes residents and visitors with a wide driveway for vehicles. There is a separate entrance for pedestrians in the centre of the property. There is a walkway pathway along the driveway that links to the pedestrian entrance, to the sitting area and extends through the swale to the north corner of the property.

Once established, there will be ample trees and greenspace, complete with space for a natural play area and space for a community garden.

The Units

Each unit ranges from 1,600 to 1,800 square feet in size. The units are two to three floors, with three bedrooms and 2 full-sized bathrooms. A deck, the front and rear patios are positioned immediately outside of the unit for convenience and outdoor living space.

Ownership and Management

Each unit will be individually owned and managed by a strata, designed specifically for families and new homeowners. The property is close to Chase River Elementary School and other in-demand local amenities.

Attracting young families and new homeowners to our community, and to the larger city as a whole, is vitally important as these demographic groups help boost the local economy, pay taxes, contribute to our community, attend school and join other activities. In addition, these units diversify the community's housing away from single-family homes to in-demand townhouse units. This 11-unit multi-family property introduces a brand new type of housing to Chase River.

Inspired by the history of Chase River

The design of the units was inspired by the history of Chase River and the Scandinavian settlers that first lived in the area. The architecture draws inspiration from a modern farmhouse. The property lot, landscaping and the architecture of the units focus on building community, increasing the community's density, minimizing urban sprawl, and providing affordable housing solutions. This property has a high walkability score, within a 15-minute walk there are grocery stores, pharmacies, the post office and other in-demand amenities

Building Materials

The units will be constructed with a selection of building materials that are easy to maintain and practical with architectural features. Also, units will feature natural elements that ensure the units are attractive to the eye. All units will be constructed to ensure energy efficiency and affordability. Decks and patios will be featured on all the units to allow for outdoor living space.

Landscaping Elements

All landscaping on the property is inspired by the need for food security, adding greenspace, ensuring privacy between units and neighbours, while fostering a sense of community and positive neighbourhood impact. Featured on the property will be a community garden which will give residents the opportunity to grow their own food. Complete with a communal garden shed for storing tools, a sitting area and natural water swale, this property is designed with the environment in mind. The trees and plants will be food-producing, with an emphasis on native vegetation. Native plants and trees reduce the amount of water required and not require the use of irrigation systems.

As well, children will enjoy many of the landscaping elements as these are designed specifically for kids. Residents will be able to enjoy these outdoor elements together and build a sense of community and camaraderie. Emphasis was made on landscaping along the roadway including a welcoming pergola to compliment the neighborhood and vast vegetation along this corridor.

Privacy

The property lot is designed with privacy in mind. The E & N Railway borders the rear of the property, ensuring there are not close neighbours at the rear of the property. The property borders Extension Road and will be landscaped with both deciduous and conifer trees. Two neighbours border the property to the south. As part of the existing landscaping and additional planned landscaping to be completed, there will be a natural buffer of vegetation between the property and the neighbours to the south. These vegetation buffers will reduce the road and neighbourhood noise.

Road Safety

Vehicles entering the property will have sightlines of approximately 125 m at the crest of Roberta Road. The posted speed limit of 50 km/hr north-bound ensures that there is sufficient time for stopping and decision-making as per TAC requirements. As well, the speed limit drops to 30 km/hr for the railway crossing, ensuring that traffic speed near this property is safe for families.

Once the area becomes busier and new developments are added, there is 2.5 - 5 metres of property off the road property line available to add a left-turn lane onto McKewon Way. Adding a left turn lane will drastically improve sightlines and improve pedestrian safety in the area.



BC Geographical Names

Chase River

Feature Type:

River - Watercourse of variable size, which has

tributaries and flows into a body of water or a larger

watercourse.

Status:

Official

Name Authority:

BC Geographical Names Office

Relative Location:

Flows NE into S end Nanaimo Harbour, Nanaimo

Land District

Latitude-Longitude:

49°08'10"N, 123°55'09"W at the approximate mouth

of this feature.

Datum:

NAD83

NTS Map:

92G/4

Related Maps:

92F/1

92G/4



Origin Notes and History:

Adopted in the 15th Report of the Geographic Board of Canada, 31 March 1917, as labelled on Geological Survey sheet 33A, Nanaimo, 1915.

Source: BC place name cards, or correspondence to/from BC's Chief Geographer or BC Geographical Names Office

One of two Indians wanted for murder was captured at this river after a long 'chase'.

Source: BC place name cards, or correspondence to/from BC's Chief Geographer or BC Geographical Names Office

"In the winter of 1852-53, two young natives, a Cowichan and a Nanaimo Indian, wantonly shot and killed Peter Brown, a Scottish shepherd, at Lake hill (sic).....Much dificulty was experienced in arresting the Nanaimo Indian, who, when he heard that the governor with an armed force was after him, left his village at Nanaimo and took to the woods. A few inches of snow had fallen and his footmarks were traced, he was chased in fact, to a river since named from this incident Chase River..."

(See Walbran for additional information). Also Gallows Point, named from the same incident.

<u>Source</u>: Walbran, John T; British Columbia Coast Names, 1592-1906: their origin and history; Ottawa, 1909 (republished for the Vancouver Public Library by J.J. Douglas Ltd, Vancouver, 1971)

Indian name is "Kulwulton" (B.W. Pearse, "Country Around Nanaimo", April 1959, contained in Field Book 4/59 ph 1)

Source: included with note





Neighborhood Context/Streetscape

These photo were taken Aug 30th along the stretch of road in front and directly north and south of 1534 extension road.



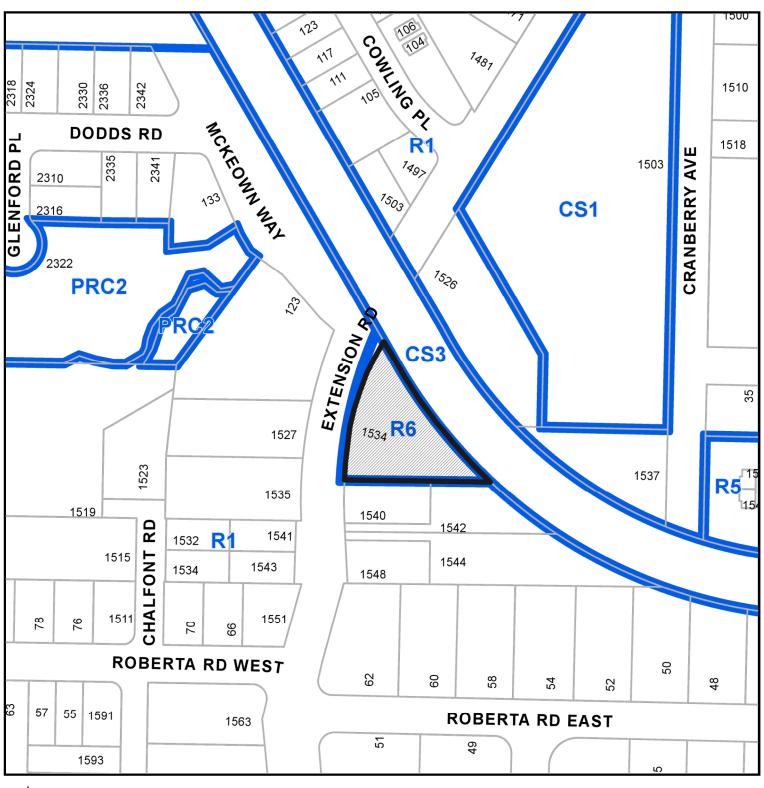








LOCATION PLAN





DEVELOPMENT PERMIT NO. DP001206

Subject Property

CIVIC: 1534 EXTENSION ROAD

LEGAL: LOT 1, SECTION 18, RANGE 4, CRANBERRY DISTRICT, PLAN 15503,

EXCEPT PLAN EPP98272

SITE DATA:

ZONED: R6

SITE AREA = 2,924 sq.m

COVERAGE PERMITTED = 40% (1,170 sq.m)

TYPICAL UNIT AREA = 65.87 (x 11) = 724.6 sq.m

MECHANICAL = 9.11 sq.m TOTAL AREA: 733.7 sq.m

COVERAGE ACTUAL = 25%

LIVABLE AREA:

UNIT = 128.85 sq.m.(1387 sq.ft.) GARAGE = 19.04sq.m.(205 sq.ft.)

FLOOR AREA RATIO:

FLOOR AREA = 1626.79 sq.m.

LOT AREA = 2924 sq.m.

ACTUAL F.A.R. = 0.56

(ALLOWABLE F.A.R. = 0.65)

BUILDING HEIGHTS:

BUILDING 1 FRONT = 7.01m (23') REAR = 9.785m (32'-1 1/4") BUILDING 1 AVERAGE HEIGHT = 8.398m (27'-6 5/8')

BUILDING 2 FRONT = 7.01m (23') REAR = 9.785m (32'-1 1/4") BUILDING 2 AVERAGE HEIGHT = 8.398m (27'-6 5/8')

BUILDING 3 FRONT = 7.01m (23') REAR = 9.785m (32'-1 1/4") BUILDING 3 AVERAGE HEIGHT = 8.398m (27'-6 5/8')

BUILDING 4 FRONT = 6.194m (20'-4") REAR = 8.973m (29'-5) BUILDING 4 = AVERAGE HEIGHT = 7.584m (24'-10 1/2")

PARKING:

RE: BYLAW 7266 7.1 PG. 11 CITY OF NANAIMO AREA 1 = 22 REQUIRED (DESIGNATED)

11 GARAGES - 10'-6"x19'-6" (9'-0"x19'-0") 9 DRIVEWAYS - 8'-6"x17'-6" (8'-2"x15'-0") 2 DESIGNATED - 9'-0"x19'-0" (9'-0"x19'-0") 22 TOTAL PROVIDED

ACCESSIBLE PARKING

RE: BYLAW 7266 7.5 PG 16 CITY OF NANAIMO 21-100 = +2 REQUIRED

2 ACCESSIBLE STALLS PROVIDED (12'-2"x18'-6")

VISITOR PARKING

+1 C/W EV CHARGING STATION (9'-0"x18'-6")

PARKING SUMMARY

RECEIVED

DP1206

2020-SEP-03

(22 REQUIRED) 22 DESINATED 2 ACCESSIBLE 1 VISITOR

TOTAL ON SITE PARKING = 25

 1
 DP SUBMISSION
 8/31

 No.
 Revision/Issue
 Date

General Notes



BOEHM CONSTRUCTION 1610 NORTHFIELD ROAD, NANAIMO, BC V9S SA7 www.boehm.comstruction.ca

Project Name and Addres

KULWULTON MULTI FAMILY

1534 EXTENSION ROAD NANAIMO, BC

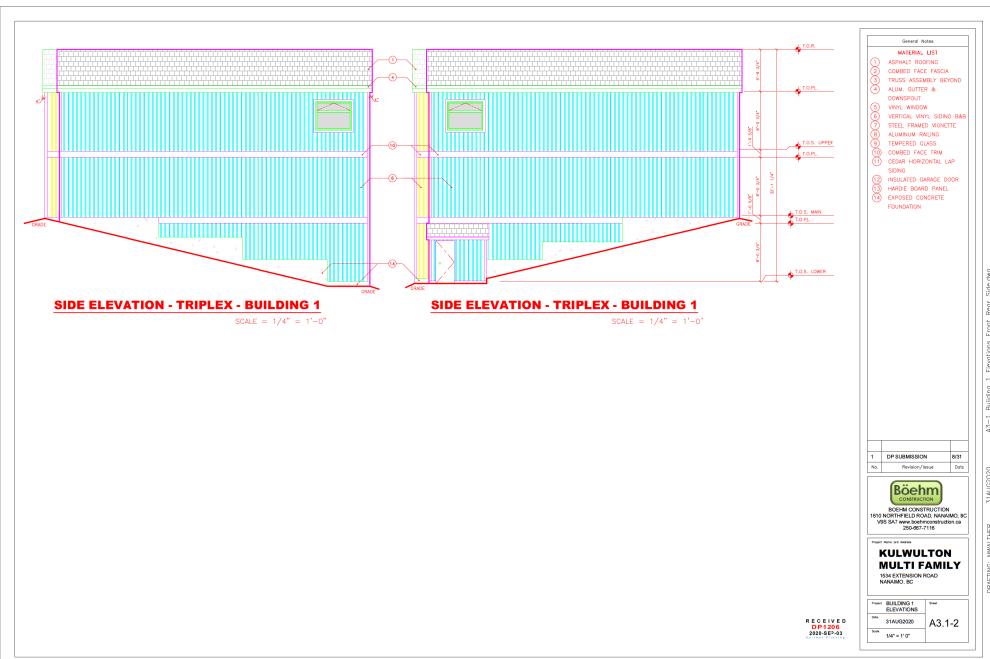
SITE PLAN - BUILDING LAYOUT - SCALE: 1/16" = 1'-0"

A1 Site F

31AUG2020

DRAFTING: MWAI THFR

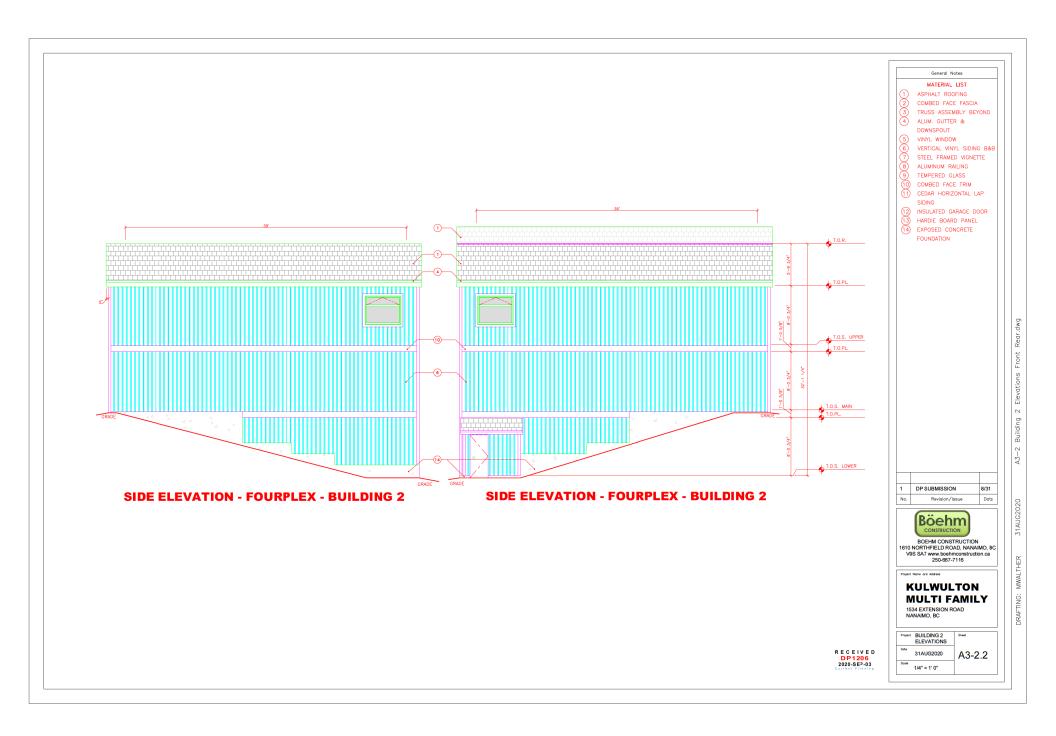




A3-1 Building 1 Elevations Front Rear Side.dwg

DRAFTING:

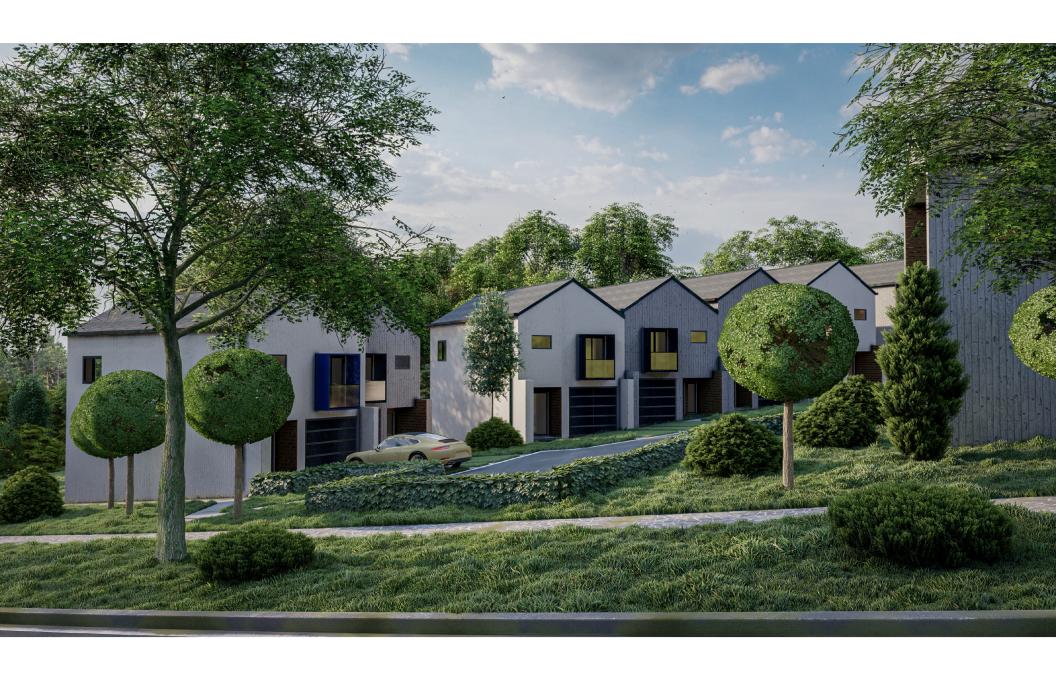










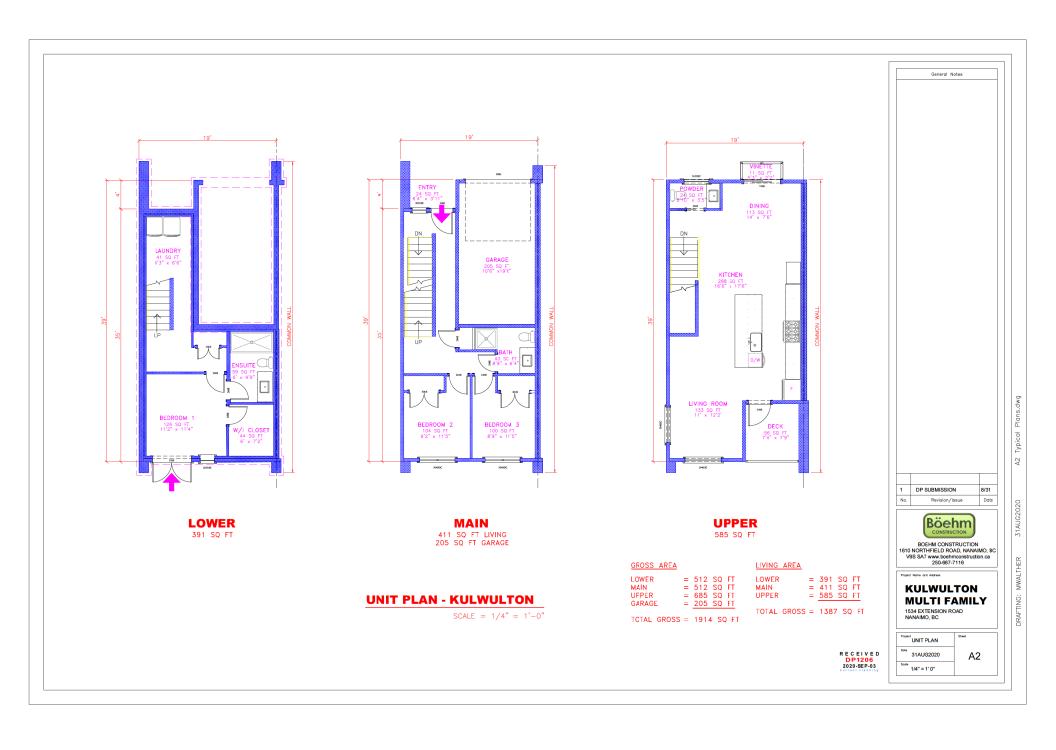




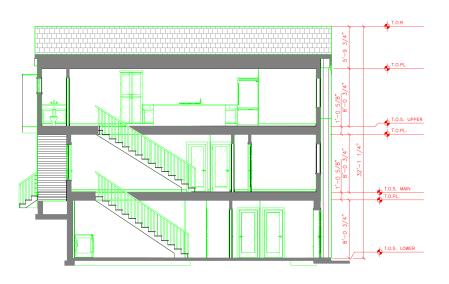












CROSS SECTION - KULWULTON

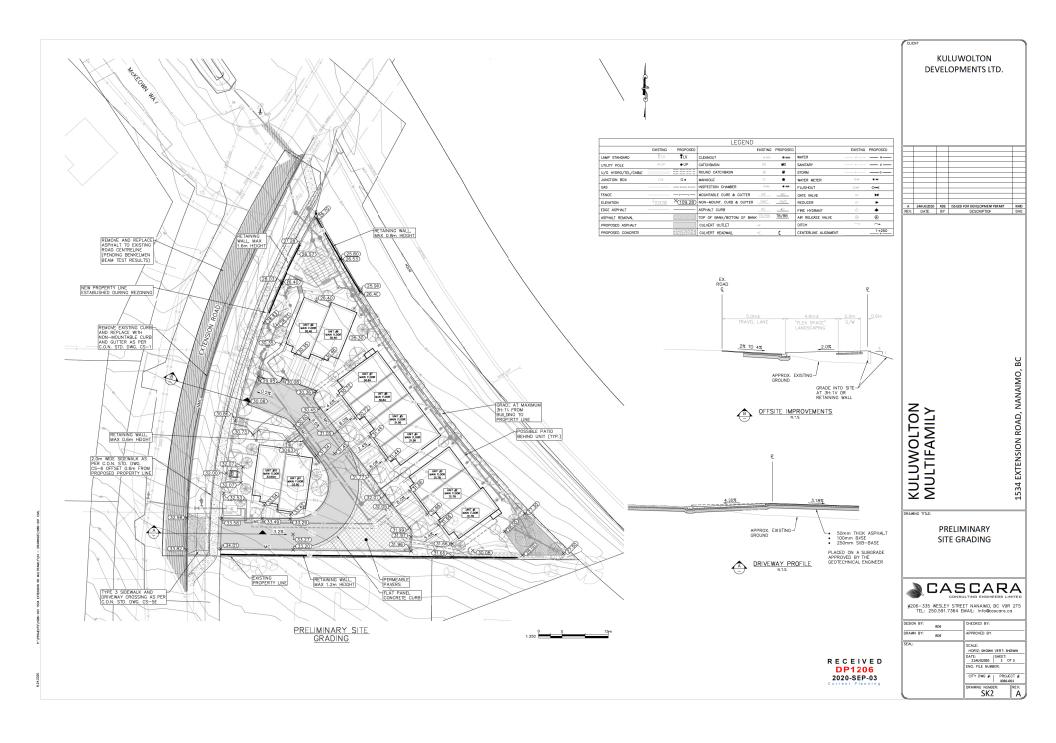
SCALE = 1/4" = 1'-0"

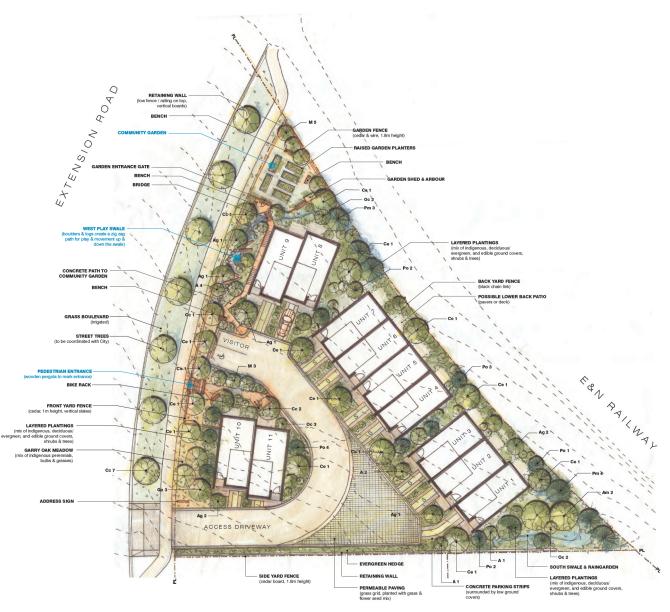
Project CROSS SECTION 31AUG2020 **A4** 1/4" = 1' 0"

44

8/31

R E C E I V E D DP1206 2020-SEP-03





LANDSCAPE PLAN

SCALE 1:200

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NO. | DATE | ISSUE

1 08-25-20 DP SUBMISSION

NO. | DATE | REVISION

PROJECT

KULUWOLTON MULTI FAMILY

1534 Extension Road Nanaimo, BC

LANDSCAPE PLAN

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PROJECT 20003

DB KS CB KS

SCALE DATE

RECEIVED DP1206 2020-SEP-03

1:200 July 17, 2020

L1.01

DESIGN PRECEDENTS



01 Indigenous Edible Plants





03 Garry Oak Meadow



04 Parking Strips

09 Low Front Yard Fence



05 Bollard Site Lighting



06 Pedestrian Entrance Pergola



07 Community Garden Gate



08 Community Garden





DESIGN RATIONALE

CONTEXT

The parcel at 1534 Extension Road lies on the edge between suburban and rural landscapes in South Nanaimo. Currently home to a single dwelling, the site has been rezoned to R6, allowing for higher density, multi-family residential development. The proposed 11-unit development is situated in a landscape designed to support young families with an emphasis on food security, playful 'eatures, a strong human scale, and enhancing the ecological function of the urban environment.

DESIGN CONCEPT

The design concept for 1534 Extension Road is to elevate the relationships between people, place and planting into a functional urban ecosystem that helps create local community.

- · As an expression of the local environment, the planting plan is structured around a foundation of indigenous species that form a shady coastal forest, an open meadow environment. and a vegetated swale for rainwater.
- Fruit trees, food plants and community gardens foster participation in the landscape, interaction with neighbours and provide food for birds, insects and people.

- · Complementary drought-tolerant ornamentals add character and resilience, and perform vital ecosystem functions necessary to support human life and biodiversity.
- · Informal playful elements are integrated throughout the site for interest, energy and creativity.

Other key landscape features include:

- · Sidewalks and pathways connect seating areas and outdoor rooms to provide valuable outdoor refuges and gathering spaces for residents.
- . Street trees and vegetated buffers provide screening and shading for structures, enhance the pedestrian experience and contribute to rainwater management and habitat value.
- A prominent entry feature on Extension Road provides a transition from public to private communal space, creating a welcoming, human-scaled environment,
- . Driveway strips and permeable hardscaping allow for increased rainwater infiltration.
- · A vegetated swale adjacent to Extension Road that integrates play features including stepping stones and climbing logs unifies infrastructure, activities and local ecology.
- Plantings are communities of compatible indigenous, omamental and productive species that cover the ground in lush, interlocking layers that offer visual interest and structural diversity.



11 Play Swale



12 Play Swale

PLANT PALETTE

Key	Botanical Name	Common Name
Ever	green / Coniferous Trees	
	Picea omorikabruns	Serbian Spruce
Pm	Pseudotsuga menziesii	Douglas Fir
Decid	duous Trees	
Am	Acer macrophylum	Big Leaf Maple
Ag	Acer griseum	Paper Bark Maple
Α	Amelanchier Autumn Brilliance	Saskatoon Berry
Cc	Cercis canadensis 'Forest Pansy'	Red Bud
Ce	Cornus eddies white wonder	Eddies White Wonder Dogwood
	Oemleria cerasiformis	June Plum
	Malus fusca	Pacific Crab Apple
М	Malus / Prunus	Fruit Tree
Qg	Quercus garryana	Garry Oak
Ever	green Shrubs	
Au	Arbutus unedc	Strawberry Bush
Gs	Gaultheria shallon	Salal
Mn	Mahonia nervosa	Dull Oregon Grape
	Thuja plicata Excelsa	Excelsa Red Cedar
Vo	Vaccinium ovatum	Evergreen Huckleberry
Decid	duous Shrubs	
Cs	Cornus sericea	Red Twig Dogwood
Hd	Holodiscus discolor	Oceanspray
Rs	Ribes sanguineum	Red Flowering Currant
Sa	Symphoricarpes albus	Snowberry
V	Vaccinium	Blueberry
Grou	indcovers	,
Ac	Achlys triphylla	Vanilla Leaf
Au	Arctostaphylos uva-ursi	Kinnikinnick
Fc	Fragaria chiloensis	Coastal Strawberry
То	Trillium ovatum	Western Trillium
Ferns	s	
De	Dryopteris erythrosora	Autumn Fern
Pa	Polypodium gl/cyrrhiza	Licorice Fern
	Polystichum munitum	Sword Fern
Mead	low	
Am	Achillea millefolium	Yarrow
Ac	Allium cernuum	Nodding Onion
Cq	Camassia quamash	Common Camas
	Cerastium arvense	Field Chickweed
	Plectritis congesta	Sea Blush
	Triteleia hyacinthina	Fool's Onion
Swal		
Со	Carex obnuta	Slough Sedge
lm	Iris missouriensis	Western Blue Flag
Sm	Scirpus microcarpus	Small Flowered Bullrush
Seed		
Mild C	Grass Area: Pickseed Garry Oak Upland	89% Roemers Fescue

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PROJECT

KULUWOLTON MULTI FAMILY

1534 Extension Road Nanaimo, BC

LANDSCAPE PLAN

DESIGN PRECEDENTS DESIGN RATIONALE PLANT PALETTE

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PROJECT 20003 DB KS CB KS

SCALE July 17, 2020

L1.02

RECEIVED DP1206 2020-SEP-03

AERIAL PHOTO





DEVELOPMENT PERMIT NO. DP001206



1534 EXTENSION ROAD