

ATTACHMENT G LANDSCAPE PLAN AND DETAILS



Acer rubrum borealis



Cornus nuttallii NC



Polystichum muntrum



Skimmia japonica



Rhododendron Gumbo pink



Pieris japonica

2 SOME PROPOSED PLANTS
N/S

1 KEY PLAN
Scale: 1:350

DESIGN RATIONALE AND SUMMARY

The topography in this project adds character to the landscape which can be visible for residents from the private patios and balconies on the front and rear ends of the units. In addition to the sloping terrain, the building layouts create wedged spaces between buildings which are proposed to be filled with a palette of vibrant plants, creating unique and interesting experience that can be enjoyed by residents in each of such wedges.

Units in blocks (1,3,5,7) have south facing patios and grass yard overlooking the rock face and an uphill layered landscape with varying trees, shrubbery and meadows. The grassed yards are also proposed to be divided by rock walls and a shrubbery buffer to create a more defined and private space for each unit.

Units in blocks (2,4,6) have a south facing front yard maintained by low shrubs and a privacy screen, as well as private elevated north facing patios that are also proposed to be separated with a privacy screen and a small garden area.

The amenity space, surrounded by shade and flowering trees offer different seating options, benches in addition to a playground set with play equipments. The surface treatment of the proposed hardscape are used to establish the movement hierarchy as well as the wayfinding in the complex. The southern edge of the complex is lined with an afforested ridge of conifers which are carefully punctuated in the foreground by the columnar deciduous trees acting as focal elements.

The northern edge of the complex is protected by a continuous retaining wall that is proposed to be treated with a hardy and vibrant surface climbing 'Boston Ivy'.

GENERAL NOTES

All materials and workmanship to CLS Standards, latest edition. Soil depths and subgrade preparation, soil quality and plant sizes to meet or exceed that standard. The installers are advised to search and review, make plant material available to the Landscape Architect for optional review at the source of supply. Area of search to include Lower Mainland and Fraser Valley. 'Substitutions' must obtain written approval from the Landscape Architect prior to making any substitutions to specified material. Unapproved substitutions will be rejected. Allow a minimum of five working days prior to delivery for request to substitute. Substitutions are subject to the Landscape Standard.

All plant material must be provided from the certified 'Disease Free' nursery. All plant material must conform to the latest edition of the 'BC Landscape Standard'. Provide certification upon request. All landscaping and landscape materials to conform to the latest edition of the BCLNA/BCSLA standards.

Min. growing medium depths over prepared subgrade shall be:

- Lawn areas 300mm
- Ground Cover Areas 450mm
- Shrub Areas 450mm
- Tree Pits 300mm (around root balls)

Growing medium shall have physical and chemical properties as described in the standards for 'Ground' areas, except for the areas over structures where the medium shall conform to the requirements for level 1 applications. Processing and mixing of the growing medium shall be done off-site using a mechanized screening process. Proposed growing medium shall be tested by a recognized laboratory. The contractor shall guarantee that the soil submitted for testing is a sample representative of the soil to be used at the site.

On-Site or imported soils shall satisfy the requirements of the standards for growing medium. Soils shall be virtually free from subsoil, wood including woody plant parts, weed or reproductive parts of the weeds, plant pathogenic organisms, toxic material, stones over 30mm, and foreign objects.

All planting beds shall receive min. 50mm bark mulch. The contractor shall maintain clean working conditions, remove all refuse and debris present the site in a safe and clean condition upon completion of all works. Plant species and varieties may not be substituted without the approval of the Landscape architect. All wood fences to be cedar, with one coat of clear penetrating preservative.



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ARCHITECTURE | LANDSCAPE ARCHITECTURE | URBAN DESIGN

Unit 103, 15505 Marine Drive, White Rock, BC
6047831450 | ruchi@architecturepanel.com

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Project
26 UNIT TOWNHOUSE
DEVELOPMENT FIREWEED WAY

Owner
Bill Beadle

Sheet Title
KEY PLAN

Total Sheets	5	Sheet No.	L1
Drawn By	SSS	Checked By	SD
Reviewed By	RD	Status	DP Application
Contractors		Consultants	G3 ARCHITECTURE INC.

AHJ	Documents
City of Nanaimo	

No	Date	Issue Notes
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F	2023-05-19	Re-issued for DP Application

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Project
**26 UNIT TOWNHOUSE
DEVELOPMENT FIREWEED WAY**

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Sheet Title
CONCEPT PLAN

Total Sheets	5	Sheet No.	L2
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1 CONCEPT PLAN
Scale: 1:192

Uphill layered landscape with varying trees, shrubbery and meadows.

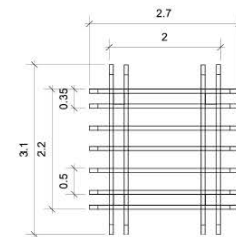
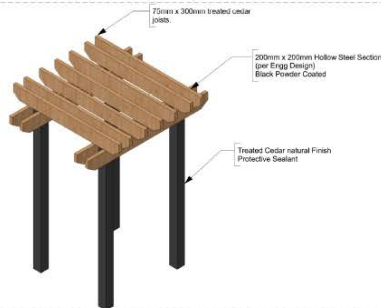
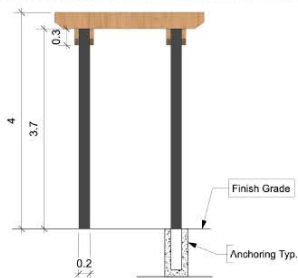
Rock walls and shrubbery buffer to create a more defined and private space.

Wedged spaces between buildings which are proposed to be filled with a palette of vibrant plants.

Undisturbed Mixed Existing Trees and Veg. Along Top of New Rock Face.

Fire truck turn around.

New Rock Face



2 Schematic Detail: Arbour Over Seating Area (F6)
Scale: 1:48



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HARDSCAPE PLAN

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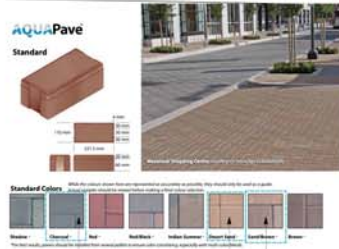
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1 HARDSCAPE PLAN
Scale: 1:92



2 Abbotsford Aristokrat® Series Slabs (P1) and (P6)
Scale: NTS



3 AQUAPave in Desert Sand(P4), Sand/Brown(P5), Charcoal(P7)
Scale: NTS

FURNISHING LEGEND

- F1 Global Industrial™ 4' Plastic Park Bench With Backrest, Tan. See L5/1
- F2 Patio/Driveway Maglin Privacy Screen. See L5/2
- F3 Roadway Pole Lamp By Beacon. See L5/3
- F4 LED Outdoor Bollard by Tech Lighting. 7000BTUR - Sean Lavin - See L5/4
- F5 Harbour Over Seating Area. See L2/2
- F6 Bike Rack. See L5/5
- F7 PLAY EQUIPMENT 1. See L5/6
- F8 PLAY EQUIPMENT 2. See L5/7
- F9 The PisaLite® Wall System In Color Natural. See L5/8

HARDSCAPE LEGEND

- P1 Abbotsford Aristokrat® Series 2cm Porcelain Slabs In Cascade Granite . See L3/2
- P2 Rockery Retain
- P3 Saw Cut CIP Concrete, Broom Finish.
- P4 AQUAPave In Shadow. See L3/3
- P5 AQUAPave In Sand/Brown. See L3/3
- P6 Abbotsford Aristokrat® Series 2cm Porcelain Slabs In Arctic Mist. See L3/2
- P7 AQUAPave In Charcoal. See L3/3
- P8 Asphalt
- P9 Fall Zone Spec. Wood Chip Surfacing Light Cedar
- P10 Broom finished concrete with diagnol sawcuts



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Project
26 UNIT TOWNHOUSE DEVELOPMENT FIREWEED WAY

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Sheet Title
PLANTING PLAN

Total Sheets	5	Sheet No.	L4
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1 PLANTING PLAN
Scale: 1:192

LIST OF TREES

Image	ID	Quantity	Latin Name	Common Name	Scheduled Size
	Ac.ci	21	Acer circinatum	Vine maple	3.0m ht.
	APB	18	Acer palmatum Bloodgood	Bloodgood Japanese Map	6 cm. Cal.
	Pnig	13	Pinus nigra	Austrian Pine	3 m
	C.nut	10	Corunus nuttallii 'National'	National Dogwood	3.0 m. ht. clump
	Mste	8	Magnolia stellata	Star Magnolia	6 cm. Cal.
	Ar.Ma	4	Acer Macrophyllum	Red Maple, Swamp Maple	6 cm. Cal.
	AR	5	Acer rubrum 'Bowhall'	Bowhall red maple	6 cm. cal.
	PIOm	38	Picea glauca	Serbian Spruce	3 m
	Ma.Gr	16	Magnolia grandiflora	Southern Magnolia	7 cm. cal.
	PIGtc	1	Picea glauca	White Spruce	3 m

LIST OF SHRUBS

Image	ID	Quantity	Latin Name	Common Name	Scheduled Size
	PM	268	Polystichum munium	swordfern	#3 pot
	Pmug	106	Pinus mugo 'Jakobsen'	Jakobsen Mugo Pine	
	P	639	Polystichum polyblepharum	Tassel Fern	#2 pot
	AJl	109	Aucuba japonica 'Picturata'	Picturata Aucuba	#3 pot
	RR	199	Rosa rugosa 'Champlain'	Champlain Hardy Shrub Rose	#2 por
	R	164	Rosa Nulkana	Nootka Rose	#2 pot
	M	365	Mahonia nervosa	Dull Oregon grape	#1 pot
	HM	8	Hydrangea macrophylla 'nikko blue'	Hydrangea	#3 pot
	SJ	98	Skimmia japonica	Japanese Skimmia	#2 pot
	Tx	9	Taxus sp	Yew, hedge variety	1.5 m. ht.
	PJ	68	Pieris japonica 'Mountain Fire'	Mountain Fire Lily Of The Valley	#3 pot
	Rh.Gp	95	Rhododendron 'Gumpo Pink'	Pink Gumpo Azalea	#7 pot
	SL	75	Gaultheria shallon	Lemon Leaf	#2 pot
	RF	102	Rudbeckia fulgida var. fulgida	Orange Coneflower	#1 pot
	Ptri	36	Parthenocissus tricuspidata	Boston Ivy	1 pot
	RS	46	Ribes sanguineum 'King Edward VII'	King Edward VII Flowering Currant	#3 pot
	PV	20	Philadelphus x virginalis	Mock Orange	#5 pot
	CS	9	Cornus sericea 'stolonifera'	Redosier Dogwood	#2 pot
	AUJ	324	Arctostaphylos uva-ursi 'Vancouver Jade'	Vancouver Jade Kinnikinnick	#1 por
	VO	15	Vaccinium ovatum 'Thunderbird'	evergreen huckleberry	#3 pot

LEGEND

- Grass, Seeded
- Seeded Wildflower Meadow Mix From Richardson Seed.
- Acrostaphylos uva-ursi to be planted

Equiparc

SP 1423-BN Bench with Backrest

DESCRIPTION
 Model: SP 1423-BN 4' x 18" steel for
 Finish: Black
 Assembly: 10 min
 Weight: 30 lbs
 Dimensions: 4' x 18" x 35" (L x W x H)
 Material: Steel

CONSTRUCTION
 This bench is made of steel
 Material: Steel
 Finish: Black
 Weight: 30 lbs
 Dimensions: 4' x 18" x 35" (L x W x H)
 Material: Steel

OPTIONS
 Add: Backrest
 Add: Armrests
 Add: Casters
 Add: Seating Cushion

The bench must be installed in an open area with no power or utility lines nearby. The bench must be installed in an open area with no power or utility lines nearby.

CONCRETE SLABS AND ANCHORS
 Slab: 4" thick, 18" wide x 35" long x 1/2" x 1/2" (L x W x H)
 Anchor: 1/2" diameter, 18" long x 1/2" x 1/2" (L x W x H)
 Spacing: 18" x 18" (L x W)
 Add: 4" x 4" x 1/2" x 1/2" (L x W x H)
 Add: 4" x 4" x 1/2" x 1/2" (L x W x H)

GLOBAL INDUSTRIAL™ 4' Plastic Park Bench With Backrest, Tan (F1)

1 EQUIPARC BENCH (F1)
Scale: NTS

BEACON URBAN SERIES
 LUMINA COLLECTION

DESIGN WITH THE FLEX COLLECTION BY MAGLIM
 The Flex Collection is a series of outdoor lighting fixtures designed by Maglim. The collection includes a variety of styles and finishes, all of which are made from high-quality materials and are designed to be both functional and aesthetically pleasing.

FEATURES

- Durable, weather-resistant design
- Available in a variety of finishes
- Available in a variety of styles
- Available in a variety of sizes
- Available in a variety of colors
- Available in a variety of shapes
- Available in a variety of materials
- Available in a variety of finishes
- Available in a variety of styles
- Available in a variety of sizes
- Available in a variety of colors
- Available in a variety of shapes
- Available in a variety of materials

ROADWAY POLE LAMP BY BEACON (F3)

2 PATIO/DRIVEWAY PRIVACY SCREEN (F2)
Scale: NTS

BEACON URBAN SERIES
 LUMINA COLLECTION

ROADWAY POLE LAMP BY BEACON (F3)

3 ROADWAY POLE LAMP BY BEACON (F3)
Scale: NTS

EMLIGHTING SL1 LED
 Outdoor Lighting

SL1 LED
 Outdoor Lighting

Specifications

- 120V AC, 60Hz
- 100W
- 1200lm
- 120° beam angle
- 120V AC, 60Hz
- 100W
- 1200lm
- 120° beam angle

BOLLARD LIGHT (F4)

4 BOLLARD LIGHT (F4)
Scale: NTS

ICONIC BIKE RACK
 THE PERFECT SOLUTION FOR GARAGE, DRIVE AND ACCESSORIES DESIGN

FEATURES & BENEFITS

- Durable design
- Easy to install
- Available in a variety of finishes
- Available in a variety of styles
- Available in a variety of sizes
- Available in a variety of colors
- Available in a variety of shapes
- Available in a variety of materials
- Available in a variety of finishes
- Available in a variety of styles
- Available in a variety of sizes
- Available in a variety of colors
- Available in a variety of shapes
- Available in a variety of materials

PROPOSED BIKE RACK (F6)

5 PROPOSED BIKE RACK (F6)
Scale: NTS

Hendevon
 Professional Playground Equipment

GREEN ROOTS PLAY EQUIPMENT (F7)

Model No. H35061882

TIMMERMANS LANDSCAPING - JERICHO

6 GREEN ROOTS PLAY EQUIPMENT (F7)
Scale: 1:64

URBAN DESIGN

Play Equipment - 2 (F8)

7 PLAY EQUIPMENT - 2 (F8)
Scale: NTS

The PISA Lite® Wall System in Color Natural (F9)

Pattern Six

41% Standard | 47% Jumbo | 12% Half

8 The PISA Lite® Wall System in Color Natural (F9)
Scale: NTS

DETAILS: SHRUB AT GRADE

Shrub

50mm (2") thick mulch, refer to specification do not put mulch against the base of the plant

600mm (24") min. grading medium pit to be 2x rootball size

Compacted sub-grade

9 DETAILS: SHRUB AT GRADE
Scale: NTS

DETAILS: HEDGE AT GRADE

Hedge

50mm (2") thick mulch, refer to specification do not put mulch against the base of the plant

750mm (30") min. grading medium pit to be 2x rootball size

Compacted sub-grade

10 DETAILS: HEDGE AT GRADE
Scale: NTS

DETAILS: TREE AT GRADE

Tree "without top" or approved alternate

Tree preservation mulch base to be 50mm (2") wide, 200mm (8") in length

Low barrier - 100mm (4") tall, 200mm (8") wide, to prevent water runoff. Mulch over the rootball shall not exceed 20mm (1") in depth

Mulch base for 150mm (6") of topsoil, remove of plants to be treated before or container material

750mm (30") min. to 1000mm (40") min. grading medium, planting pit to be 2x rootball size

Compacted sub-grade

11 DETAILS: TREE AT GRADE
Scale: NTS

DETAILS: CONCRETE ON GRADE

Research to be 20mm deep or 1/4 of concrete slab depth

20mm (1/2") top concrete and rebar with a pipe vented into trench, 2% slope to drain

20mm (1/2") 100% clean, hard aggregate base course

Compacted subgrade

12 DETAILS: CONCRETE ON GRADE
Scale: NTS

DETAILS: SOD AT GRADE

20mm (1/2") top concrete and rebar with a pipe vented into trench, 2% slope to drain

20mm (1/2") 100% clean, hard aggregate base course

Compacted subgrade

13 DETAILS: SOD AT GRADE
Scale: NTS

DETAILS: CONCRETE UNIT PAVERS ON GRADE

20mm (1/2") top concrete and rebar with a pipe vented into trench, 2% slope to drain

20mm (1/2") 100% clean, hard aggregate base course

Compacted subgrade

14 DETAILS: CONCRETE UNIT PAVERS ON GRADE
Scale: NTS



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