

December 18, 2024

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Re: 3400 Barrington Road Design Rationale and Variance

Building Design

This development aims to complement the property's existing natural environment and remain consistent with the character of neighbouring developments, while adding 102 new rental homes to Nanaimo. By carefully positioning the building and preserving large rock formations, the new development's physical presence on Barrington Road is minimized, giving the impression of a structure gently integrated into the landscape.

The building's architectural language draws on traditional West Coast Modern design. Key elements include sensitive siting of the building, generous roof overhangs, a strong horizontal emphasis, large areas of glazing, and the use of durable, robust materials such as exposed timber, concrete, and fibre cement cladding. Prominent entrance structures on both the north and south sides serve as visual focal points—welcoming those arriving from the street and guiding residents returning from a forest walk from the north. Large expanses of glass are carefully positioned and oriented to capture views of the surrounding forest, while sightlines toward neighbouring properties are minimized. The exterior colour palette features dark, natural tones that blend into the heavily forested context.

A defining feature of the design is the inclusion of exterior balconies. Along the street-facing façade and the entrance forecourt, balconies are set back within the building's face to maintain privacy. On the north side, balconies are larger and more continuous, offering unobstructed views of the forest and wetlands.

The building will provide 102 rental homes, featuring a range of unit types including studios, one-bedroom plus den, one-bedroom, two-bedroom, and three-bedroom options. Additionally, a certain amount of units will be made more accessible for people with mobility challenges.

The site design encourages pedestrian and bicycle use with a barrier-free path of travel from Barrington Road to the main entrance, as well as a pedestrian trail connecting the lower-level amenity space to the public trail system on the north side of the property. Significant landscaping is planned for both the southern forecourt and within the naturalized areas to the north. Dense plantings on the east side will help soften the development's impact on neighbours. On the south side of the building,

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ground-oriented units with front doors will activate and enhance the exterior space at the building's base.

Steep Slope Development

The site is located in a steep slope development permit area. Every effort has been made to adhere to the City of Nanaimo's Steep Slope Development Guidelines. The intent is to minimize site disturbance, protect the natural environment, and ensure that the development harmonizes with the surrounding landscape, reflecting the setting's character and quality.



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- **Hillside Character:** The building is situated on the edge of a natural depression on the hillside. From the south (street side), it will appear as a four-storey structure, with lower parking levels bermed into the slope.
- **Retaining Walls:** Retaining walls create stormwater retention areas and provide additional soil depth for new vegetation.
- **Setbacks:** The building footprint and construction areas are contained within all environmental setbacks.
- **Natural Features:** Existing rock formations and the tree canopy bordering Barrington Road will be retained to minimize visual and physical intervention along the street.
- **Safe Circulation:** A safe path of travel for pedestrians, bicycles, and vehicles is maintained throughout the site.
- **Trail Connections:** A pedestrian connection at the north edge links to a public trail system and the amenity space located on the building's lowest level.
- **Habitat Linkages:** Open space on the north side of the property is preserved, ensuring continuous habitat corridors.
- **Efficient Structure:** The building's structure is efficient and elegant, minimizing site disturbance.
- **Retaining Wall Height:** Retaining walls are limited to a maximum height of 3 metres.
- **Views from Barrington Road:** Existing views of the site from Barrington Road remain largely unchanged.
- **Geotechnical Engineering:** All cut slopes conform to a geotechnical consultant's recommendations.
- **Road and Driveway Layout:** Road and driveway designs respect the hillside character, minimize impacts on neighbouring properties, and follow best-practice safety guidelines.
- **Replanting:** Any felled trees will be replanted to maintain existing biomass levels.
- **Underground Services:** All municipal services will be installed underground.
- **Materials and Colours:** Building materials and the chosen dark colour palette are selected to blend with the surrounding forest environment.

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Height Variance

We are seeking a 2.5 m height variance. From most vantage points, including Barrington Road, the building appears as a four-storey structure. The average height on the south elevation is approximately 13.7 m to the top of the parapet, consistent with the allowable zoning height of 14 m. Due to the steep slope of the site, the average grade calculation incorporates elevation points on the north side, where the parking structure is exposed.

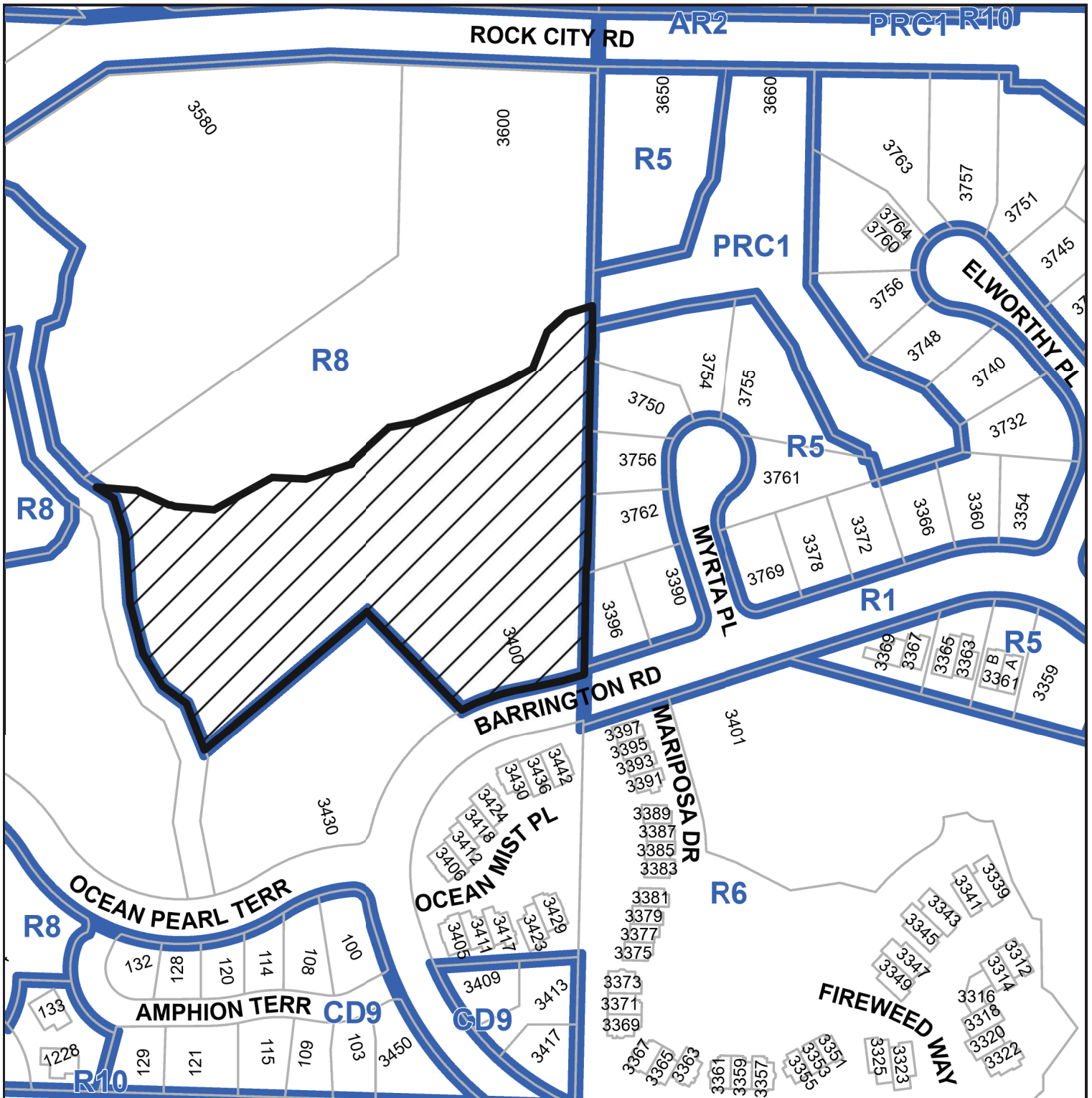
We believe the 2.5 m height variance should be granted because, from the street and the viewpoint of adjacent neighbours, the building effectively complies with the current zoning height restrictions. On the north and west sides, where the building reaches its full height, views are limited to unoccupied forested areas, ensuring minimal visual impact.

Sincerely yours,

Paul Koopman
Architect AIBC
dHKarchitects

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SUBJECT PROPERTY MAP



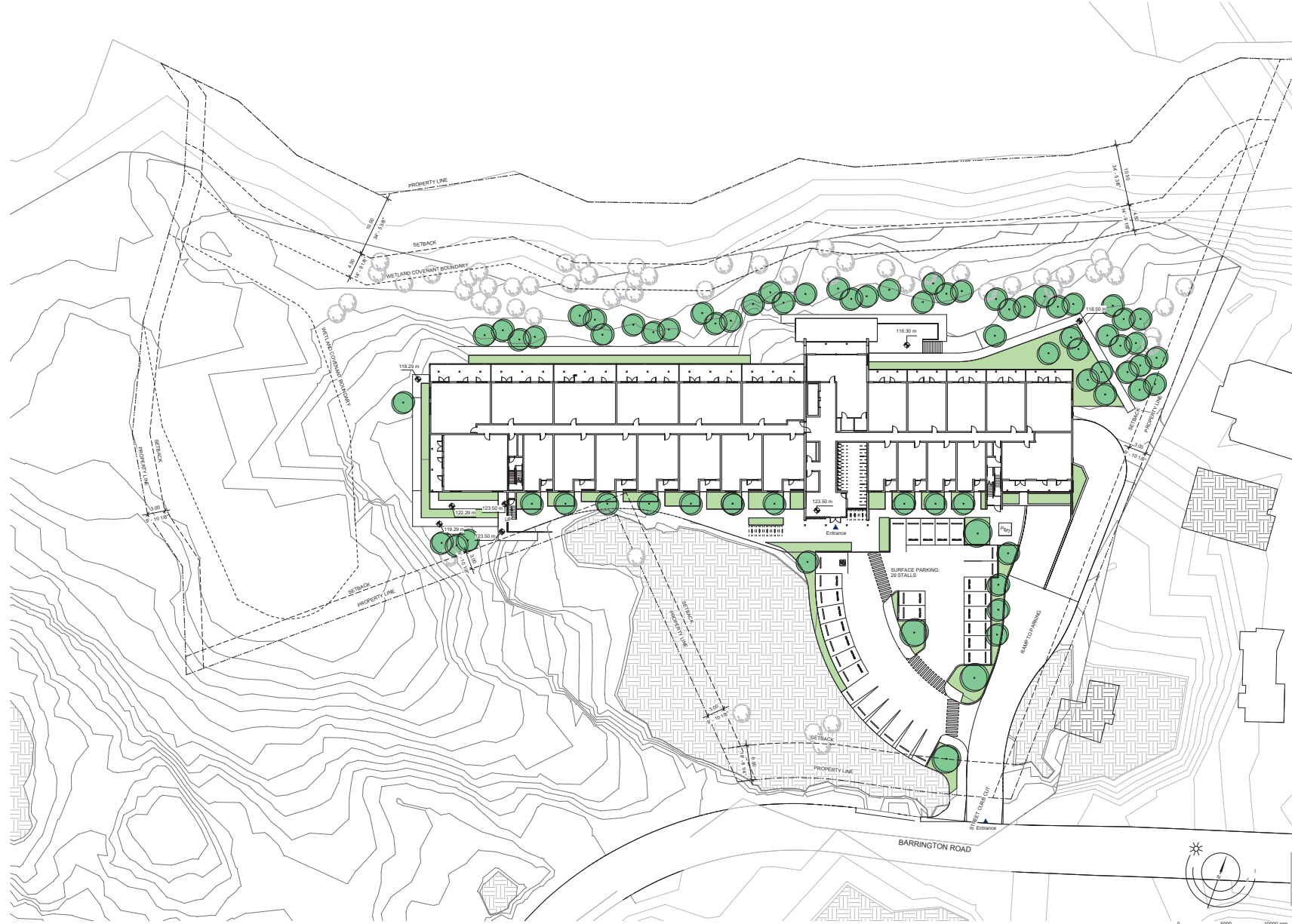
 3400 BARRINGTON ROAD

AERIAL PHOTO



 3400 BARRINGTON ROAD

2024.12.19 13:00 PM



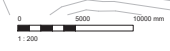
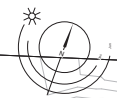
- General Notes**
1. Refer to Civil drawings for all roadways, driveways, curbs, and grading.
 2. Refer to Landscape drawings for all hard and soft landscaping on site.

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3400 Barrington Road
Nanaimo, BC
Site Plan





A10



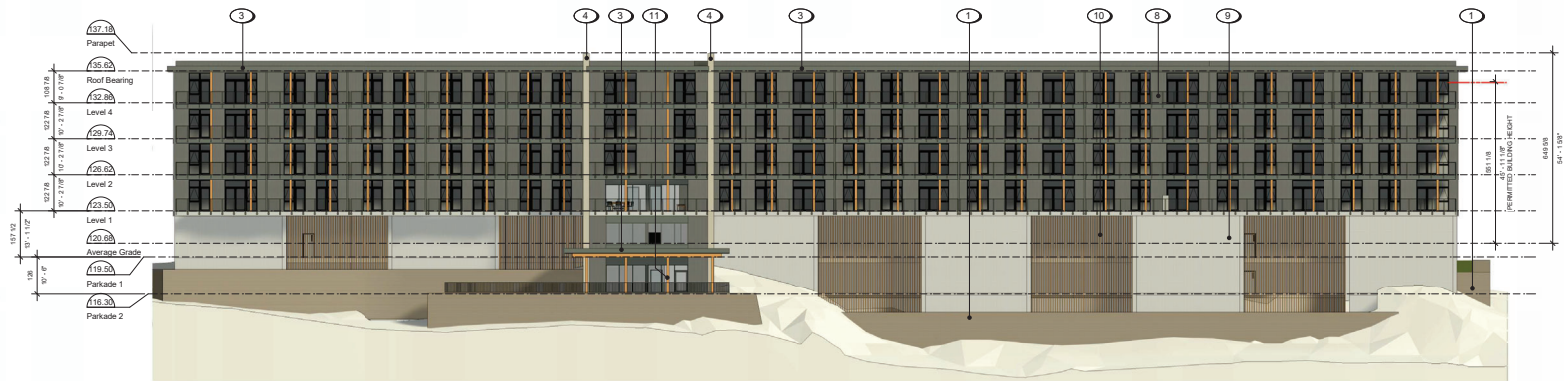
2024-12-19

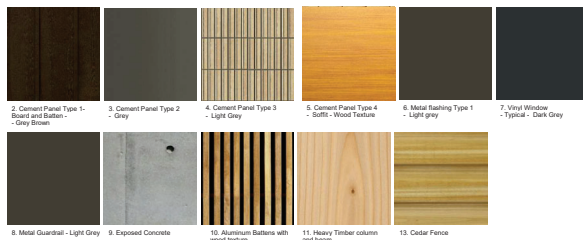
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* REFER TO A301 BUILDING ELEVATIONS FOR MATERIAL LOCATIONS

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1	2024-12-18	Issued fo
Date	Date	Description

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Scale		Project Number	

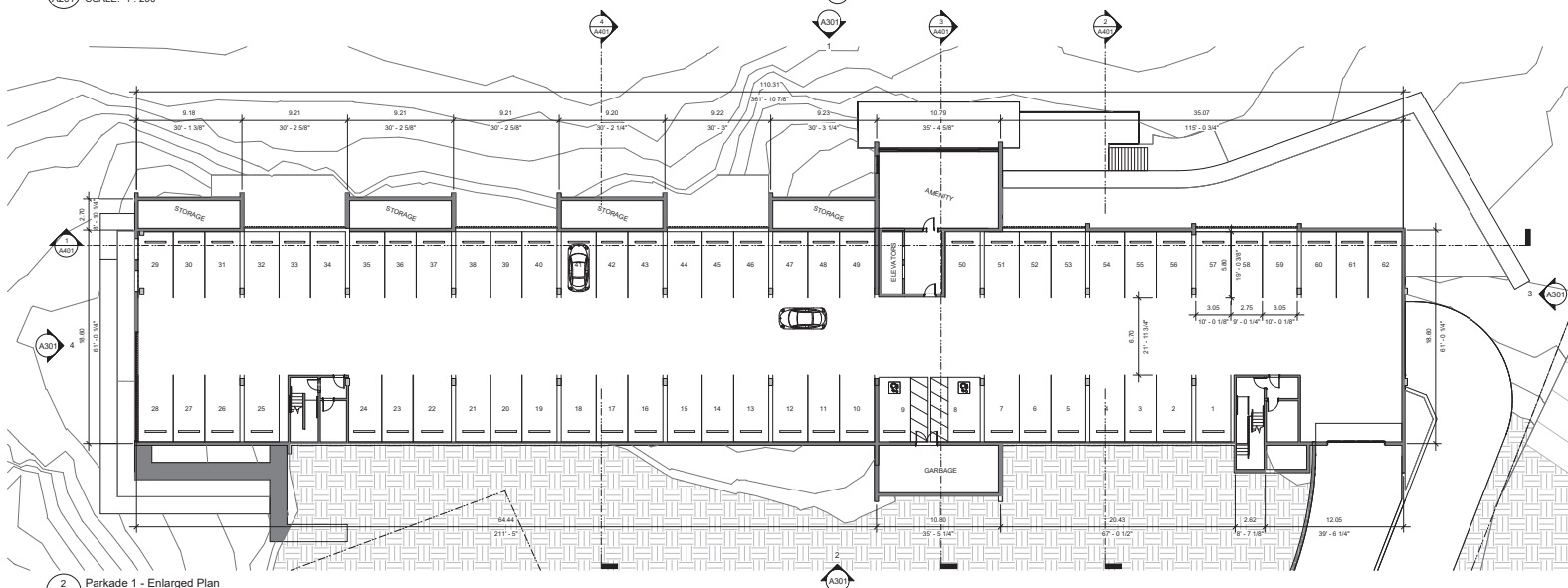
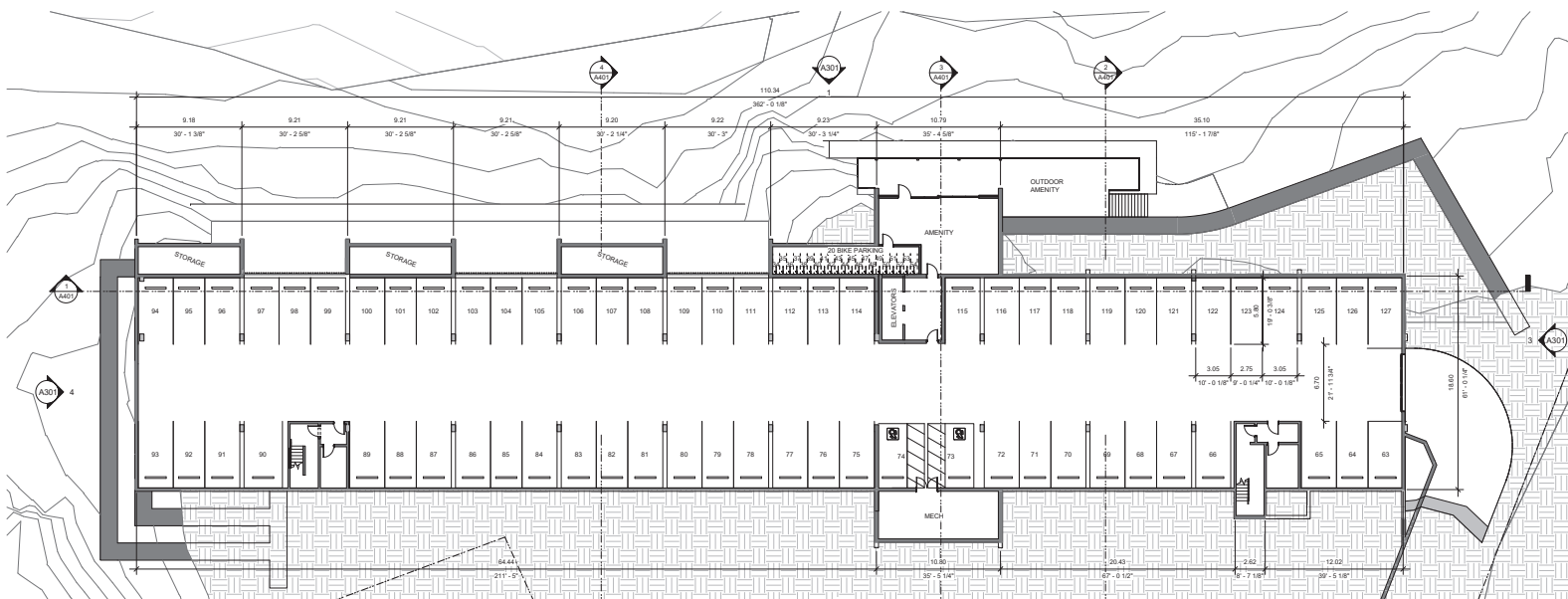
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3400 Barrington Road
Nanaimo, BC
Renderings



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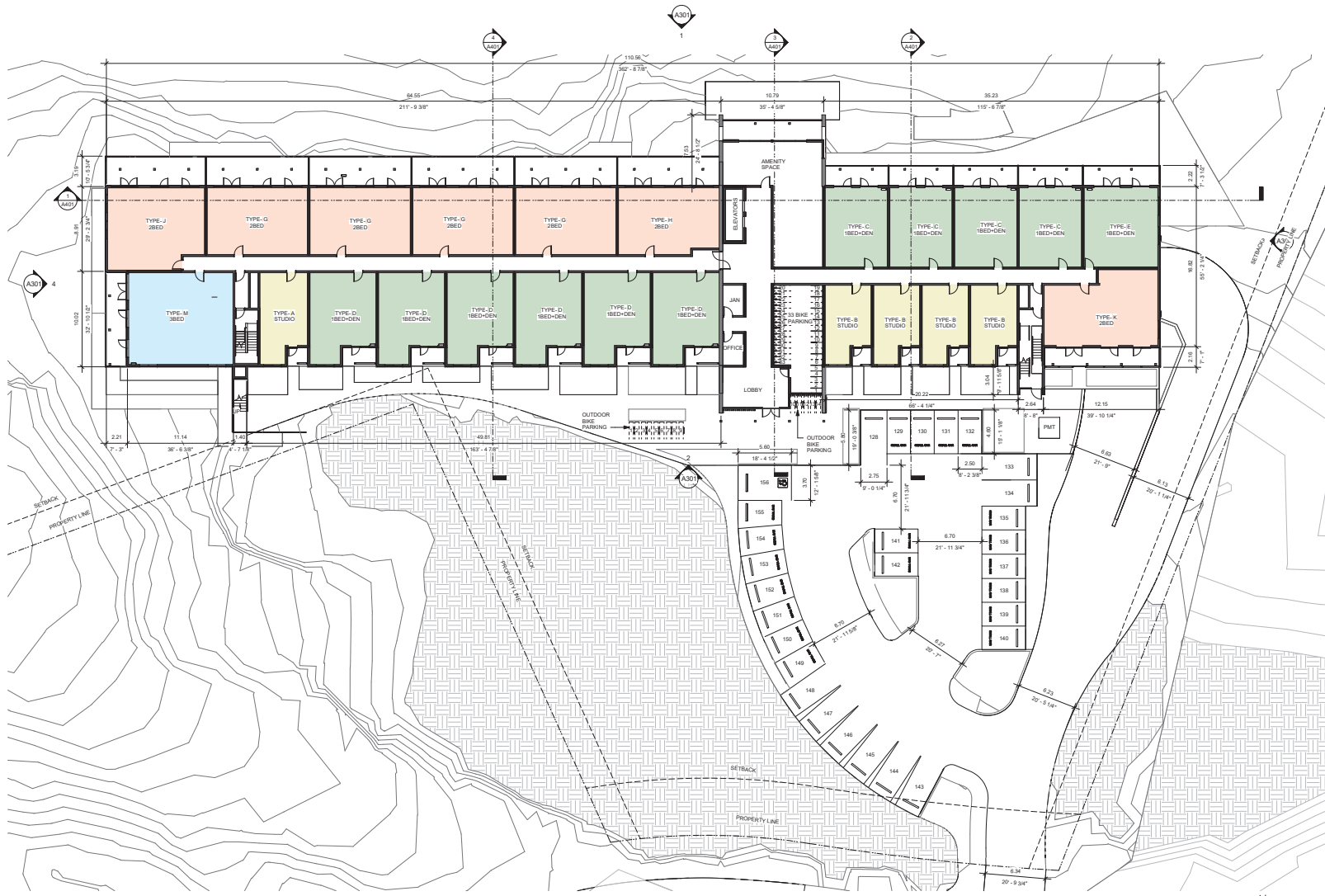
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3400 Barrington Road
Nanaimo, BC
Overall P2- P1 Plan

dHka **A201**
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1 Level 1 - Enlarged Plan
A203 / SCALE: 1:200



0 5000 10000 mm
1:200

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1	2024.12.18	Issued for DP

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3400 Barrington Road
Nanaimo, BC
Overall L1 Plan



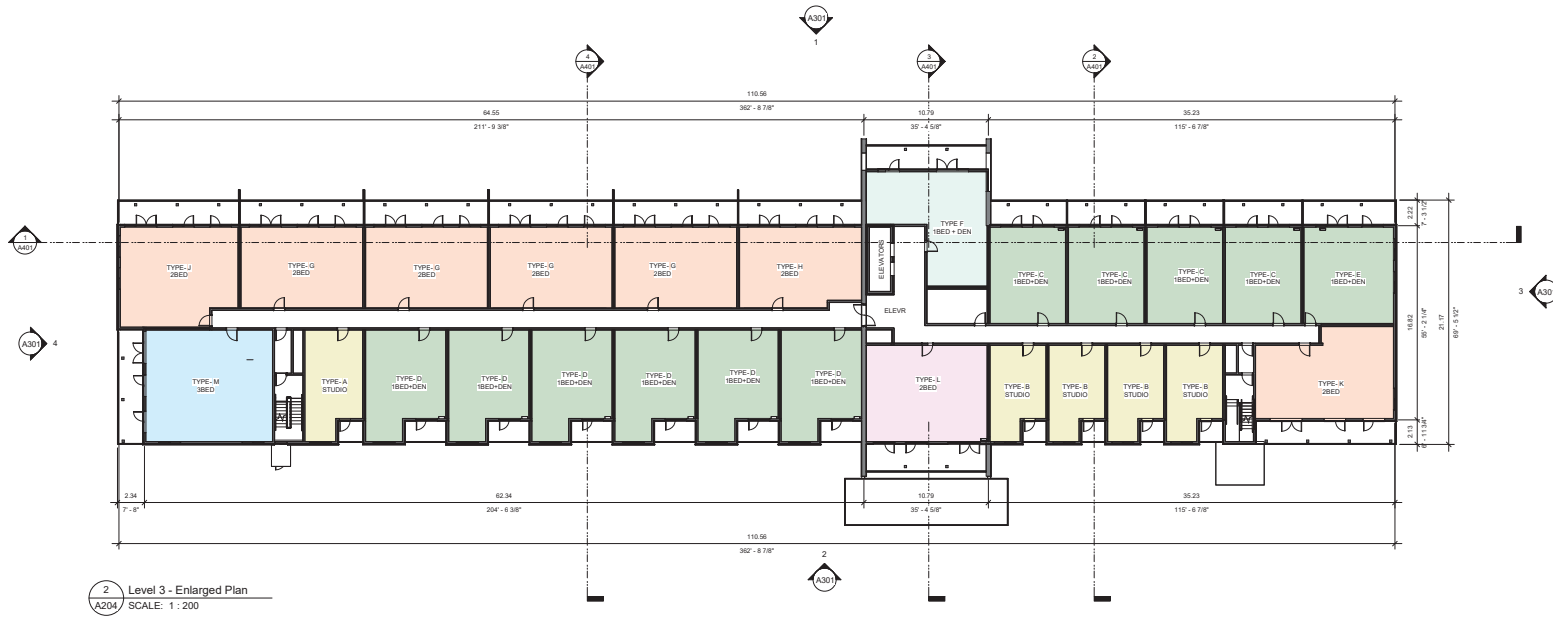
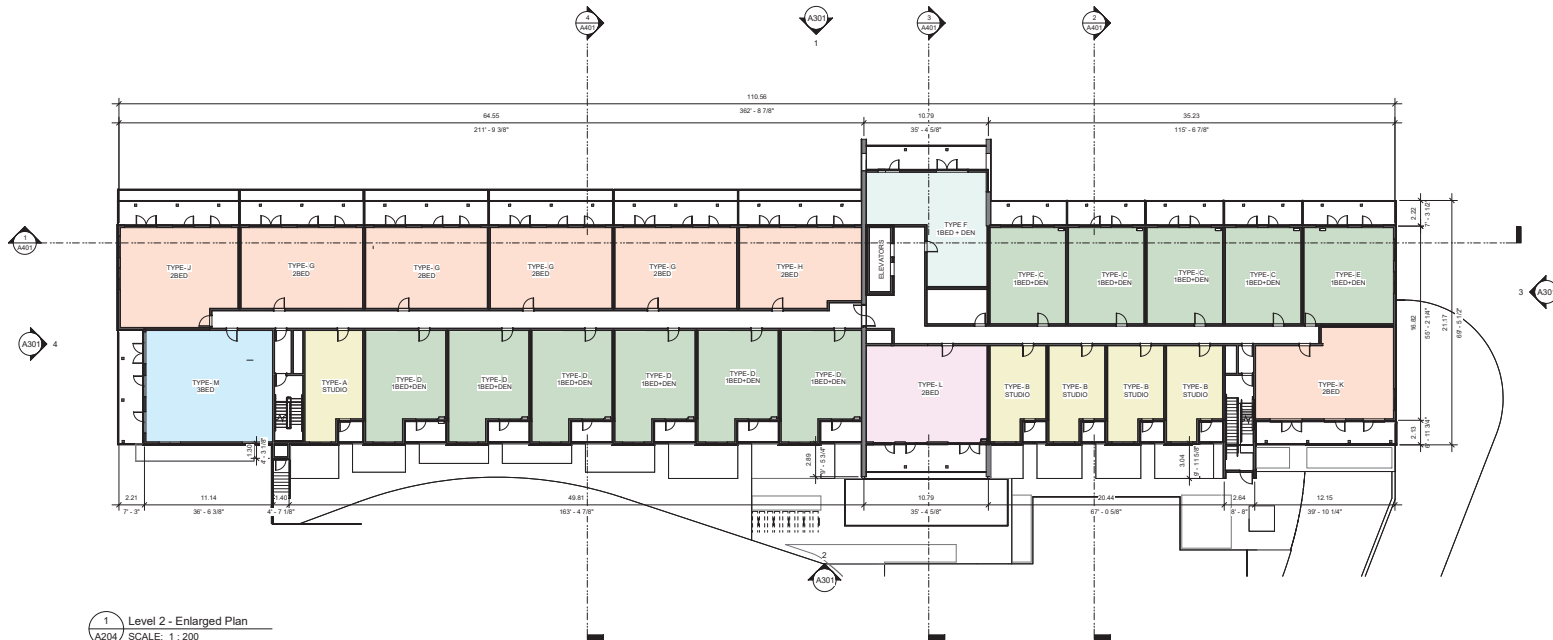
A203



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2	1:200	Project Number
3	2419	Sheet Number

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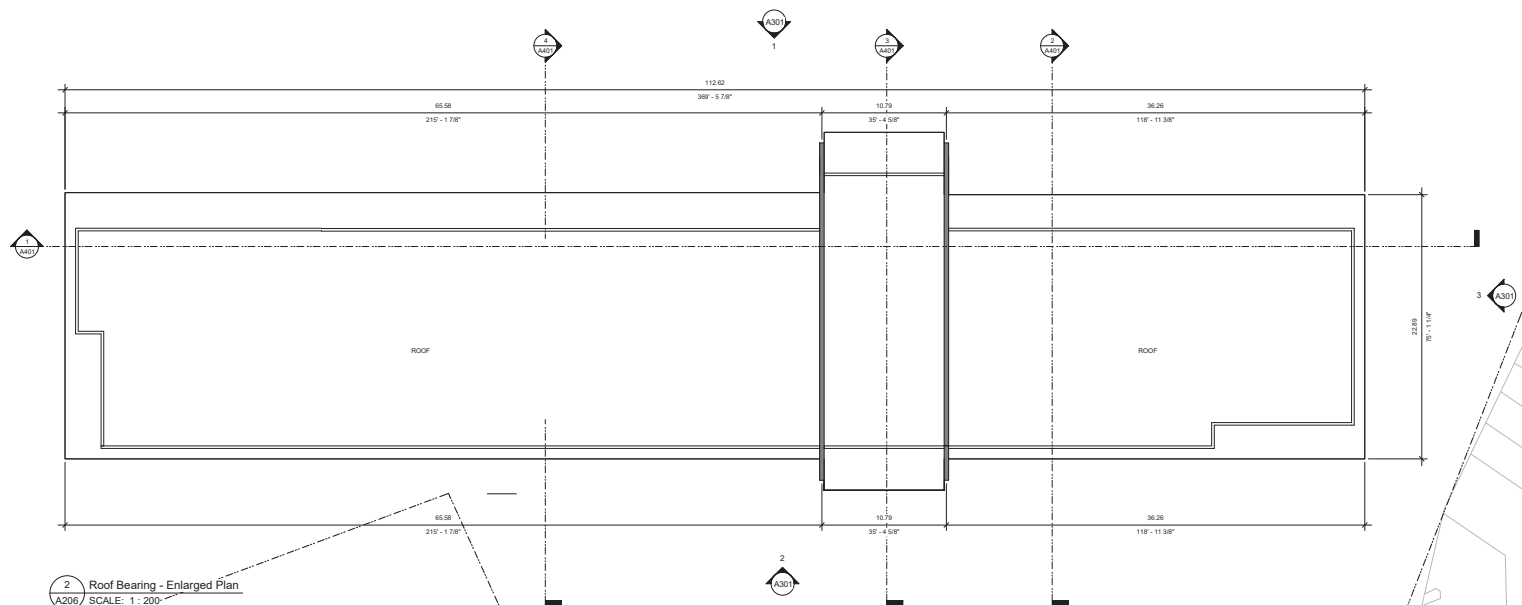
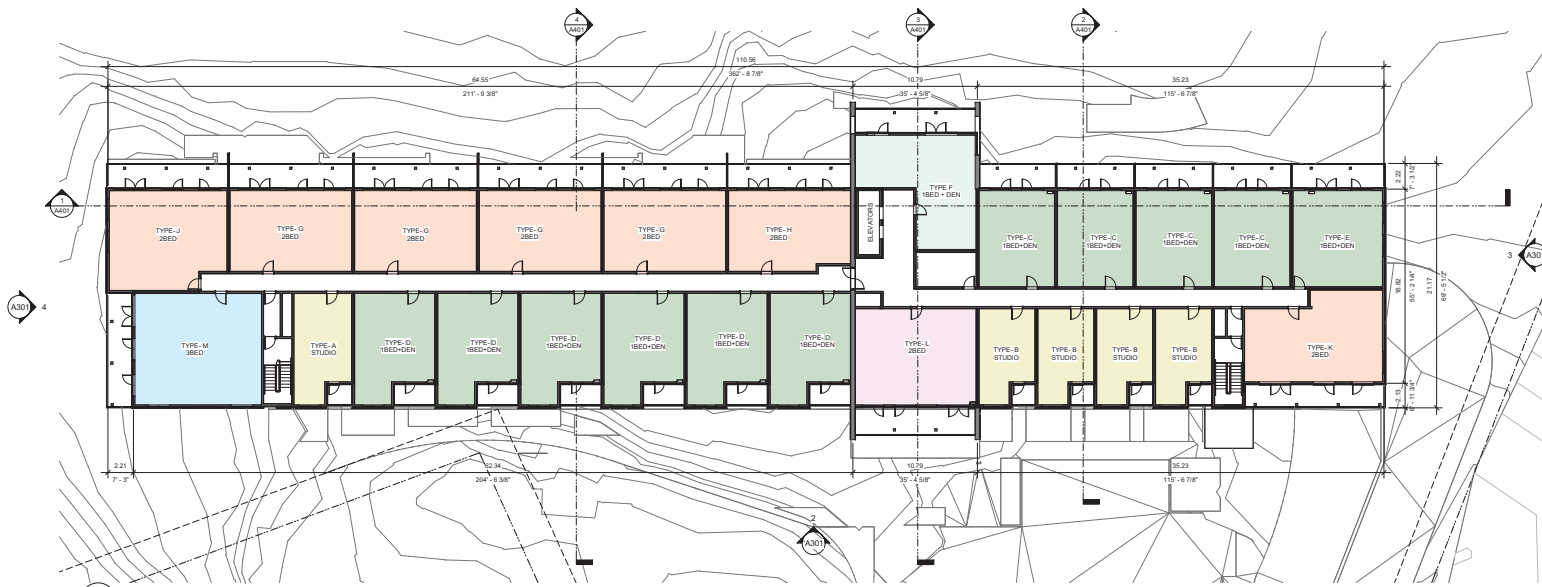
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3400 Barrington Road
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Overall L2-13 Plan



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3400 Barrington Road
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 Overall L4 - Roof
 Plan



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SILVA MULTI-FAMILY

3400 BARRINGTON ROAD, NANAIMO, BC

LANDSCAPE ARCHITECTURAL DRAWINGS

ISSUED FOR DEVELOPMENT PERMIT - DECEMBER 19, 2024

DRAWING SCHEDULE

- L0.00 Cover Page
- L1.01 Landscape Context Plan
- L1.02 Landscape Plan
- L1.03 Landscape Details
 - 1. Recessed Wall Lighting
 - 2. Bollard Lighting
 - 3. Timber Bench
 - 4. Bicycle Rack
- L1.04 Landscape Details
 - 5. Split Rail Fence (MOESS)
 - 6. Perimeter Board Fence
- L2.01 Planting Plan (Southwest)
- L2.02 Planting Plan (Southeast)
- L2.03 Planting Plan (Northwest)
- L2.04 Planting Plan (Northeast)
- L2.05 Plant Legend & List, Planting Notes

DESIGN RATIONALE

The landscape design for the multi-family residential project proposed for 3400 Barrington Road in Nanaimo, BC draws inspiration from the dramatic natural landscape that characterizes the site. Across the parcel, rocky cliff faces and outcrops create striking topographic variations that amplify contrasting experiences of a contemporary urban landscape and immersion within a natural forest environment.

The underlying plant community is characterized by moss and fern-covered rock outcroppings and bluffs within a forest dominated by Douglas fir. The understorey is comparatively sparse, dominated by mosses, as well as shrubs, ferns and groundcovers common to the Coastal Douglas fir biogeoclimatic zone. This offers an important reference ecosystem for the proposed planting design, which aims to return much of the landscape to a functional habitat following construction. Plantings in more formal areas along the front façade integrate layers of ornamental perennials into the native plant palette to add colour, visual interest and forage for beneficial birds and insects.

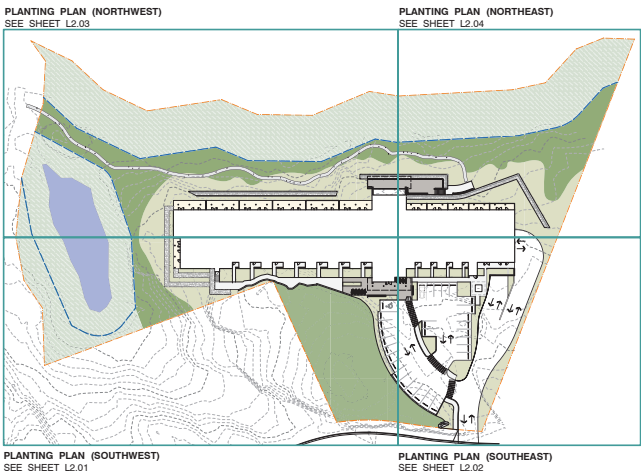
A main entry plaza and pedestrian walkway that connects to ground-oriented garden patios is shaped by a massive rock outcropping that defines the front portion of the parcel, capitalizing on the striking character of the natural landscape.

At the rear of the building, a Forest Lobby provides a social gathering space that allows for immersion in a forested landscape while retaining the comfort of a clean, contemporary architectural environment.

Owing to the site topography, boulder retaining walls create a series of terraces along the north and west façades of the building. These terraces provide space for planting and incorporate landscape as a valuable feature for managing rooftop rainwater.

Site furnishings include long timber benches for seating, and restrained bollard and recessed wall lights to announce ground-oriented entries, and for safety along paths and stairs. A simple gravel path provides a connection to an existing trail network off-site.

KEY PLAN



DESIGN PRECEDENTS



01 Forest understorey planting inspired by the Coastal Douglas fir ecosystem provides rehabilitated functional habitat on site



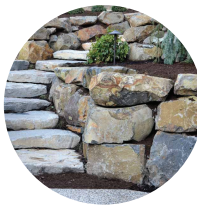
02 Layered mix of ornamental and indigenous perennials and grasses around garden patios offer colour, seasonal interest and forage for pollinators



03 Long timber benches for seating



04 Rock outcrops and other natural features shape formal public spaces



05 Native stone from on-site reused for stacked boulder walls



06 Cut stone entry sign

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PROJECT 24009

SILVA MULTI-FAMILY
3400 BARRINGTON ROAD
NANAIMO, BC

COVER PAGE

CITY FILE NO.

SCALE NTS

DATE 2024-10-01

DB CM CB KS



L0.00



- 1 WETLANDS & SETBACK AREAS**
(a small wetland and surrounding setback area defined the west edge of the parcel; a larger wetland on the parcel to the north has a setback that extends across the entire north flank of the site)
- 2 TREE RETENTION AREA**
(much of the site is left in a natural condition, with trees removed only as needed for safety; invasive species are to be removed and replaced with indigenous understorey species)
- 3 FOREST UNDERSTOREY PLANTING**
(areas affected by construction and tree removal will be replanted with an indigenous forest understorey with replacement trees planted wherever possible; based on a parcel area of 1.53 ha, 153 replacement trees are required)
- 4 ROCK OUTCROP**
(a massive rock outcrop occupies much of the south portion of the parcel and creates a dramatic edge to the entry, parking area, entry plaza and west wing of the building)
- 5 BOULDER WALLS AND TERRACES**
(to provide a buildable area that adequately accommodates the multi-family use on such a dynamic site requires considerable terracing; given the abundance of rock material on site, these are to be constructed of native boulder material; the terraces provide space for extensive planting and provide storage volume for rain water)
- 6 FOREST LOBBY**
(an outdoor patio and casual gathering area provides a communal space for social interaction while experiencing immersion in a forest ecosystem; views into the tree canopy and over adjacent wetlands offers opportunities to observe nature and wildlife from the comfort of a sheltered patio with long timber benches)
- 7 ENTRY PLAZA AND GARDEN PATIOS**
(a formal plaza announces the main entry to the building and connects to ground level patios along its south facade; the edges of the main entry plaza and patios are shaped by the contrasting features of contemporary architecture on one side and a massive rock outcrop on the other)

LANDSCAPE CONTEXT LEGEND	
	FOREST UNDERSTOREY Area: 1151m²
	GARRY OAK MEADOW Area: 234m²
	RIPARIAN SETBACK AREA Area: 4610m²
	TREE RETENTION AREA Area: 3185m²
	LANDSCAPE BUFFER
	WETLAND SETBACK
	EXISTING PUBLIC TRAIL

LANDSCAPE CONTEXT PLAN

SCALE 1:300

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LANDSCAPE LEGEND

- TIMBER BENCH**
Quantity: 4
(see detail 3, sheet L1.03)
- BICYCLE RACK**
Total Capacity: 10 bikes
Quantity: 5
(see detail 4, sheet L1.03)
- ENTRANCE / EXIT - MAIN**
 ENTRANCE / EXIT - SECONDARY
- FENCE TYPE 01**
Cedar Board Perimeter
Height: 1.8m
Length: 120.78m
(see detail 6, sheet L1.04)
- FENCE TYPE 02**
Split Rail (Environmental Protection)
Height: 1.2m
Length: 174.10m
(see detail 5, sheet L1.04)
- LIGHTING - BOLLARD**
Quantity: 20
(see detail 2, sheet L1.03)
- LIGHTING - RECESSED WALL**
Quantity: 4
(see detail 1, sheet L1.03)
- CONCRETE PAVING**
Area: 330.65m²
- DRAIN ROCK**
Area: 23m²
- GRAVEL SURFACING**
Area: 167.62m²
- PLANTED AREA**
Area: 1655m²
- RIPIARIAN SETBACK AREA**
Area: 4610m²
- ROCK RETAINING WALLS**
Area: 304.16m²
- TREE RETENTION AREA**
Area: 3165m²
- UNIT PAVERS**
Area: 210.82m²
- LANDSCAPE BUFFER**
- WETLAND SETBACK**

LANDSCAPE NOTES

- It is the Contractor's responsibility to contact the Landscape Architect if the information in this drawing package requires further clarification.
- All landscape construction to be in accordance with the City of Nanaimo Engineering Standards & Specifications.
- All landscape construction to meet the current edition of the Canadian Landscape Standards as a minimal acceptable standard.
- Contractor shall refer to the contract specifications for additional requirements.
- Contractor to confirm layout of landscape plan on site with the Landscape Architect.
- Irrigation to be designed and built by Contractor. As-built drawings required.

LANDSCAPE PLAN
SCALE 1:200

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NANAIMO, BC

LANDSCAPE PLAN

CLIENT FILE NO.
SCALE 1:200
DATE 2024-10-01
DB CM **CB** KS

L1.02

BEGA Recessed Wall Luminaire 24060 (or eq.)	
Quantity: 9	
Specifications:	
Asymmetrical Forward Throw	
Operating Voltage	120-277V AC
Luminaire Lumens	848 Lumens (3000K)
Height	5" (127mm)
Width	1 1/8" (30mm)
Depth	5-1/2" (139mm)
Finish	Powder Coated Bronze Matte 3mil thickness

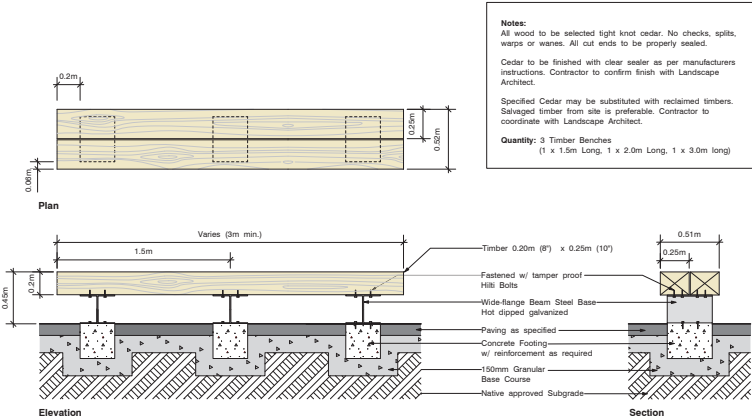


1 Recessed Wall Lighting
Scale: NTS

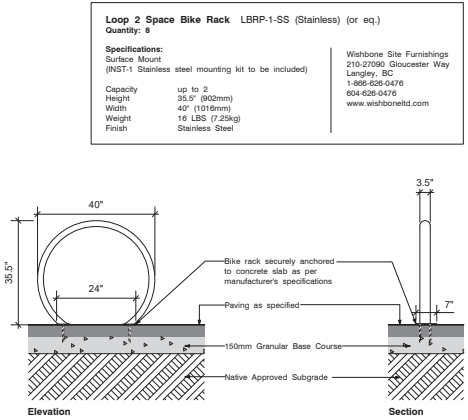
BEGA Exterior Bollard Light 99558 (or eq.)	
Quantity: 21	
Specifications:	
Surface Mount (B79617 Anchorage kit)	
Operating Voltage	120-277V AC
Luminaire Lumens	1960 Lumens (3000K)
Height	43-3/8" (1101mm)
Width	9-7/8" (251mm)
Depth	5-1/2" (141mm)
Finish	Powder Coated Bronze Matte 3mil thickness



2 Bollard Lighting
Scale: NTS



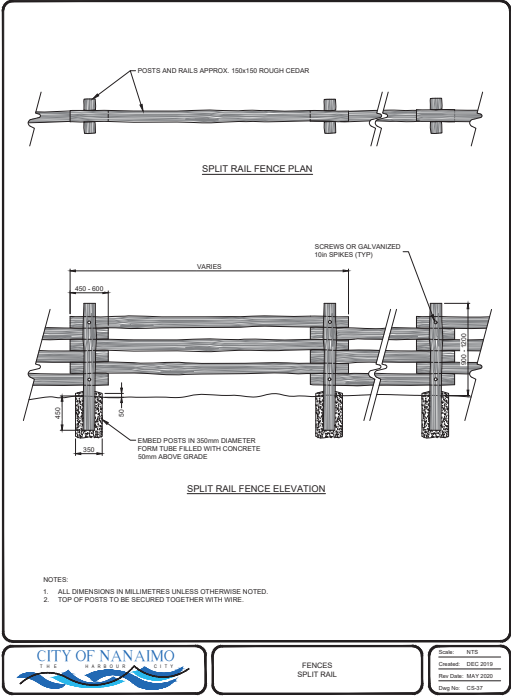
3 Timber Bench
Scale: 1:20



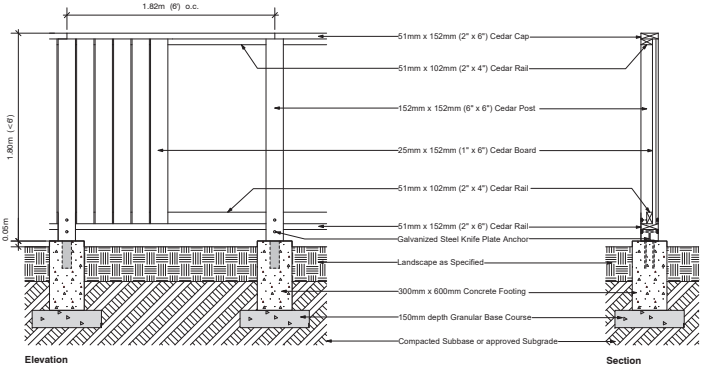
4 Bicycle Rack
Scale: NTS

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5 City of Nanaimo (MOESS) Standard Split Rail Fence
L1.04 Scale: 1:20 Elevation / Section



6 Perimeter Board Fence
L1.04 Scale: 1:20 Elevation / Section

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Refer to **Sheet L2.02** for Planting Plan (Southeast)
Refer to **Sheet L2.03** for Planting Plan (Northwest)
Refer to **Sheet L2.04** for Planting Plan (Northeast)
Refer to **Sheet L2.05** for Plant Legend & List, Planting Notes

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TREE & PLANT LEGEND

Existing Trees to Remain

Existing Trees to Remain
(Refer to tree inventory completed by Toth and Associates for species, size and location)

Am (12) *Arbutus menziesii*

Po (20) *Picea Omorika* Bruns

Pc (27) *Pinus contorta* var. contorta

P (21) *Pseudotsuga menziesii*

Coniferous & Evergreen Trees

Deciduous Trees

Ac (17) *Acer circinatum*

Ap (8) *Acer griseum*

Am (3) *Acer macrophyllum*

Ap (10) *Acer palmatum* 'Osakazuki'

Ce (9) *Cornus* 'Eddie's White Wonder'

Pp (6) *Parrotia persica* 'Vanessa'

Qg (16) *Quercus garryana*

Qp (6) *Quercus palustris* 'Pingreir'

S (9) *Styrax japonica*

Deciduous Shrubs

A. Amelanchier grandiflora

Hd. Holodiscus discolor

Rs *Ribes sanguineum*

Sy *Symphoricarpos albus*

V *Vaccinium* (mix varieties)

Evergreen Shrubs

Gs *Gaultheria shallon*

Mn *Mahonia nervosa*

Px *Paxistima myrsinites*

Vo *Vaccinium ovatum*

Ferns & Groundcovers

Au *Arctostaphylos uva-ursi*

Fc *Fragaria chiloensis*

Fv *Fragaria vesca*

Pg *Polypodium glycyrrhiza*

Pm *Polystichum munilum*

Perennials

At *Achlys triphylla*

Gl *Gaura lindheimeri*

Hm *Hakonechloa macra*

Np *Nepeta x fassenii* 'Dropmore'

Tg *Tellima grandiflora*

Tl *Trientalis latifolia*

FOREST UNDERSTOREY

Area: 1151m²

Plant with a mix of:

- Achlys triphylla* (2%)
- Erythronium oregonum* (2%)
- Fragaria vesca* (10%)
- Gaultheria shallon* (20%)
- Mahonia nervosa* (20%)
- Polypodium munilum* (30%)
- Trientalis latifolia* (5%)

GARRY OAK MEADOW

Area: 24km²

Plant with a mix of:

- Allium acuminatum* (5%)
- Alliumcernuum* (5%)
- Amorpha nassifera* (5%)
- Brodiaea coronaria* (5%)
- Ceanothus americanus* (10%)
- Festuca idemeri* (20%)
- Pennisetum corymbosum* (20%)
- Penstemon hendersonii* (10%)
- Oenothera lachrymans* (10%)
- Oenothera quaternata* (10%)

MATCH LINE SEE SHEET L2.01 FOR PLANTING PLAN (SOUTHWEST)

MATCH LINE SEE SHEET L2.03 FOR PLANTING PLAN (NORTHWEST)

ROCK OUTCROP & TREE RETENTION AREA

GARRY OAK MEADOW

FOREST

Plant with a mix of:

1. Allium acuminatum (5%)
2. Allium cernuum (5%)
3. Armeria maritima (5%)
4. Brodiaea coronaria (5%)
5. Cerasium arvense (10%)
6. Festuca roemer (20%)
7. Plectritis congesta (20%)
8. Primula hendersonii (10%)
9. Camassia leicosticta (10%)
10. Camassia quamash (10%)

Plant with a mix of:

1. Achillea millefolium (5%)
2. Erythronium (5%)
3. Fragaria virginiana (5%)
4. Gaultheria (5%)
5. Mahonia (5%)
6. Polydicticum (5%)
7. Thalictrum (5%)

Plant with a mix of:

1. *Achlys triphylla* (3%)
2. *Erythronium oregonum* (2%)
3. *Fragaria vesca* (10%)
4. *Gaultheria shallon* (20%)
5. *Mahonia nervosa* (20%)
6. *Polystichum munitum* (30%)
7. *Trientalis latifolia* (5%)

Plant with a mix of:

1. *Allium acuminatum* (5%)
2. *Allium cernuum* (5%)
3. *Armeria maritima* (5%)
4. *Brodiaea coronaria* (5%)
5. *Cerastium arvense* (10%)
6. *Festuca roemerii* (20%)
7. *Plectritis congesta* (20%)
8. *Primula hendersonii* (10%)
9. *Camassia leichtlinii* (10%)
10. *Camassia quamash* (10%)

Refer to **Sheet L2.01** for Planting Plan (Southwest)
Refer to **Sheet L2.03** for Planting Plan (Northwest)
Refer to **Sheet L2.04** for Planting Plan (Northeast)
Refer to **Sheet L2.05** for Plant Legend & List,
Planting Notes

SCALE 1:150

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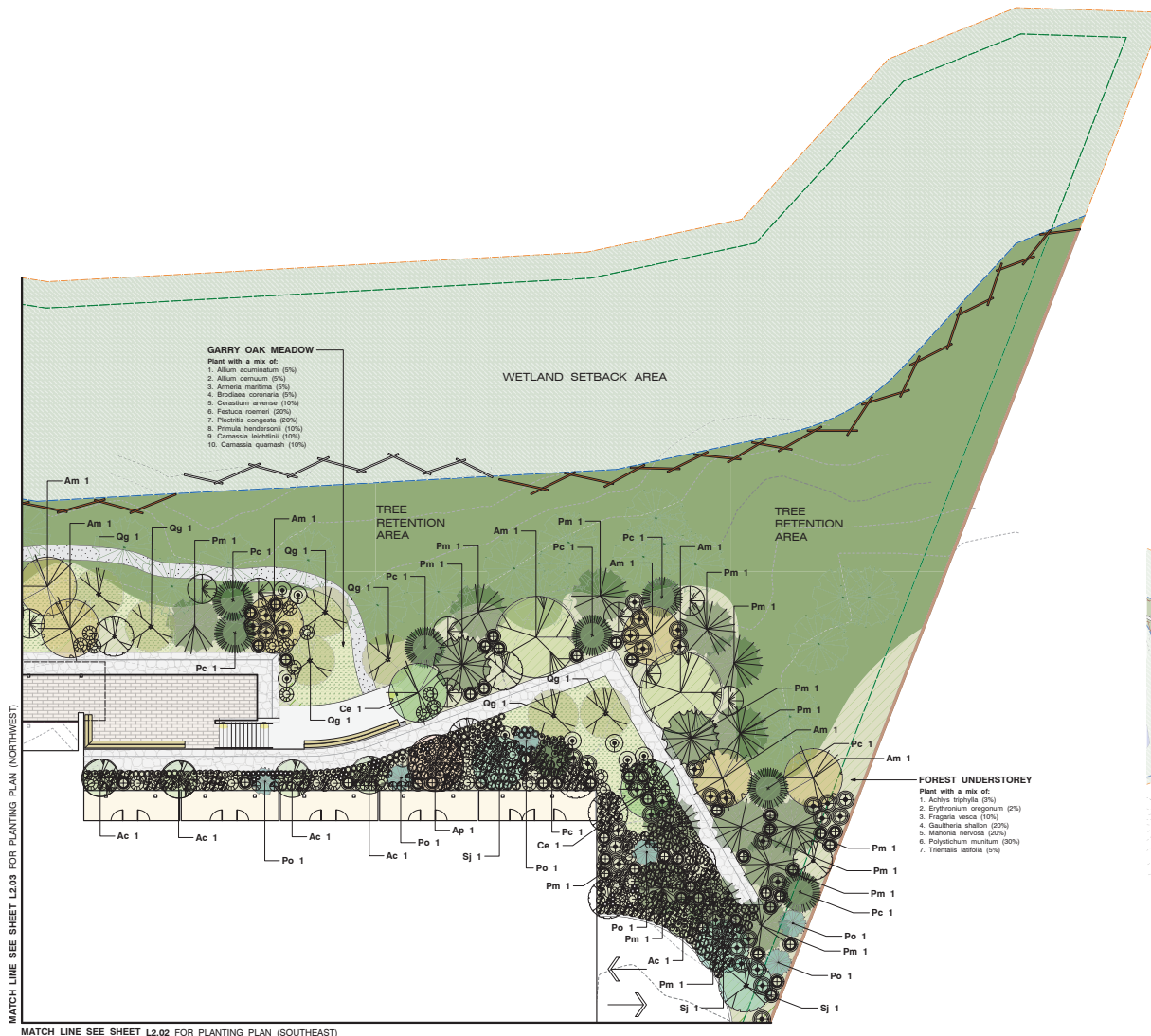
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DATE 2024-10-01

DB CM

L2.02





Refer to **Sheet L2.01** for Planting Plan (Southwest)
Refer to **Sheet L2.02** for Planting Plan (Southeast)
Refer to **Sheet L2.03** for Planting Plan (Northwest)
Refer to **Sheet L2.05** for Plant Legend & List, Planting Notes

PLANTING PLAN (NORTHEAST)
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NO. | DATE | REVISION

PROJECT 24009
SILVA MULTI-FAMILY
3400 BARRINGTON ROAD
NANAIMO, BC

**PLANT LEGEND & LIST,
PLANTING NOTES**

CITY FILE NO.
SCALE NTS
DATE 2024-10-01
DB CM **CB** KS

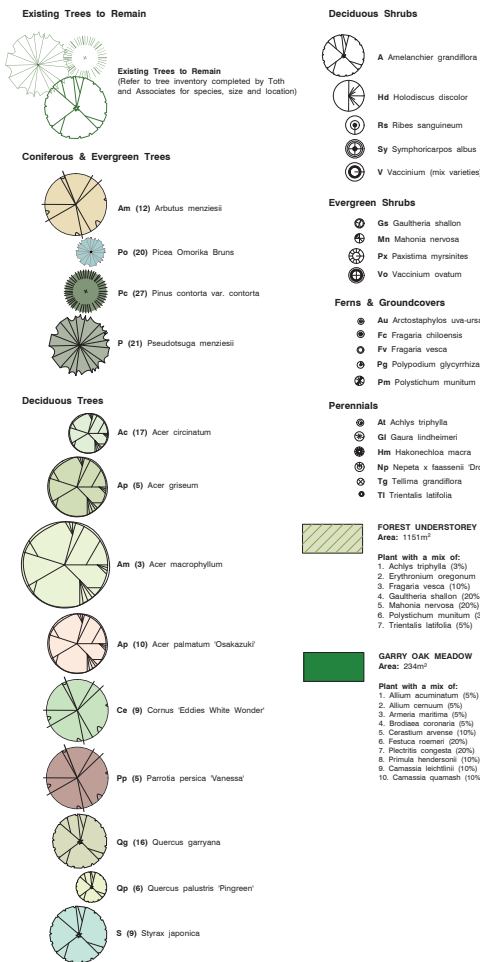
L2.05

PLANT LIST

Key	Qty	Botanical Name	Common Name	Pot Size	Spacing	Notes
Am	12	Arbutus menziesii	Arbutus	#5		Native
Po	20	Picea omorika 'bruns'	Serbian Spruce	2.5m Ht		Ornamental
Pc	27	Pinus contorta var. contorta	Shore Pine	#15		Native
Pm	21	Pseudotsuga menziesii	Douglas Fir	#15		Native
Deciduous Tree						
Ac	17	Acer circinnatum	Vine Maple	#7		Native
Ag	5	Acer griseum	Paperbark Maple	#20		Ornamental
Am	3	Acer macrophyllum	Big Leaf Maple	#20		Native
Ap	10	Acer palmatum 'Osakazuki'	Japanese Maple	#20		Ornamental
Ce	9	Cornus 'Eddies White Wonder'	White Flowering Dogwood	#20		Hybrid-Native
Pp	5	Parrotia persica 'Vanessa'	Persian Ironwood	#20		Ornamental
Og	16	Quercus garryana	Garry Oak	#15		Native
Op	6	Quercus palustris 'Pinegreen'	Columnar Pin Oak	#20		Native
Sj	9	Syrax japonicus 'UPS-D' Showcone	Japanese Showbell	#20		Ornamental
Deciduous Shrubs						
A	37	Ametancher alnifolia	Service Berry	#3	2m o.c.	Native
Hd	16	Holodiscus discolor	Ocean Spray	#3	2m o.c.	Native
Rs	30	Ribes sanguineum	Red Flowering Currant	#2	1.2m o.c.	Native
Sy	39	Symphoricarpos albus	Snowberry	#1	1.2m o.c.	Native
Evergreen Shrubs						
Gs	556	Gaultheria shallon	Salal	#1	60cm o.c.	Native
Mn	403	Mahonia nervosa	Dull Oregon Grape	#1	60cm o.c.	Native
Px	127	Paxistima myrsinites	Falestos	#1	1.2m o.c.	Native
Vo	158	Vaccinium ovatum	Evergreen Huckleberry	#1	1m o.c.	Native
Ferns & Groundcovers						
Au	252	Arctostaphylos uva-ursi	Kinnikinnick	10cm	45cm o.c.	Native
Fc	244	Fragaria chiloensis	Coastal Strawberry	10cm	45cm o.c.	Native
Fv	344	Fragaria vesca	Woodland Strawberry	10cm	45cm o.c.	Native
Pg	273	Polypodium glycyrrhiza	Licorice Fern	10cm	30cm o.c.	Native
Pm	1065	Polystichum munium	Sword Fern	#1	60cm o.c.	Native
Perennials						
At	111	Achlys triphylla	Vanilla Leaf	10cm	45cm o.c.	Native
Aa	34	Allium acuminatum	Hookers Onion	10cm	45cm o.c.	Native
Ac	34	Allium cernuum	Nodding Onion	10cm	45cm o.c.	Native
Arm	34	Armeria maritima	Sea Thrift	10cm	45cm o.c.	Native
Bc	34	Brodiaea coronaria	Harvest Brodiaea	10cm	45cm o.c.	Native
Ca	68	Cerastium arvense	Field Chickweed	10cm	45cm o.c.	Native
Fr	134	Festuca roemeri	Roemers Fescue	10cm	45cm o.c.	Native
Gl	155	Gaura lindheimeri	Bee Blossom	#1	45cm o.c.	Ornamental
Hm	49	Hakonechloa macroa	Japanese Forest Grass	#1	60cm o.c.	Ornamental
Pc	134	Plecthris congesta	Sea Blush	10cm	45cm o.c.	Native
Np	41	Nepeta dropmore blue	Catmint	#1	60cm o.c.	Ornamental
Ph	68	Primula hendersonii	Broad-leaved Shootingstar	10cm	45cm o.c.	Native
Tg	122	Tellima grandiflora	Fringecup	10cm	45cm o.c.	Native
Tl	217	Trientalis latifolia	Broad-leaved Starflower	10cm	45cm o.c.	Native
Bulbs						
Ci	68	Camassia leichlinii	Great Camas	#1	45cm o.c.	Native
Cq	68	Camassia quamash	Common Camas	#1	45cm o.c.	Native
Ec	30	Erythronium oregonum	White Fawn Lily	#1	45cm o.c.	Native

Please contact the Landscape Architect for approval of any plant substitutions:
KINSHIP DESIGN ART ECOLOGY
Kate Stefuk BC/LA
t: 250-753-8093 e: kate.stefuk@kinshipdesign.ca
No substitutions will be accepted without prior written approval of the Landscape Architect.

TREE & PLANT LEGEND



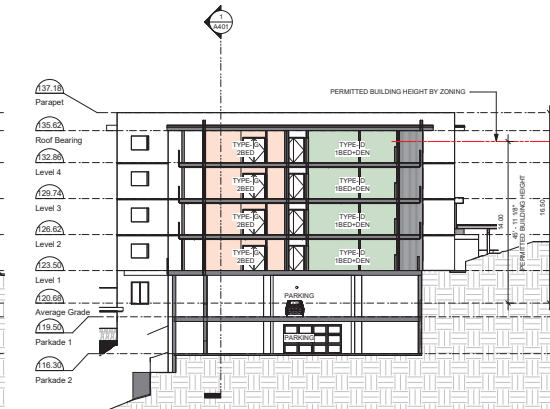
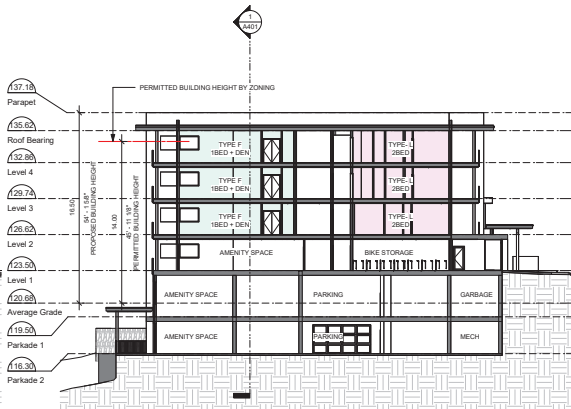
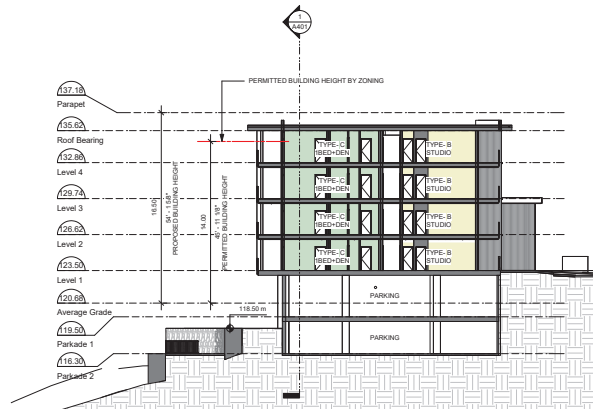
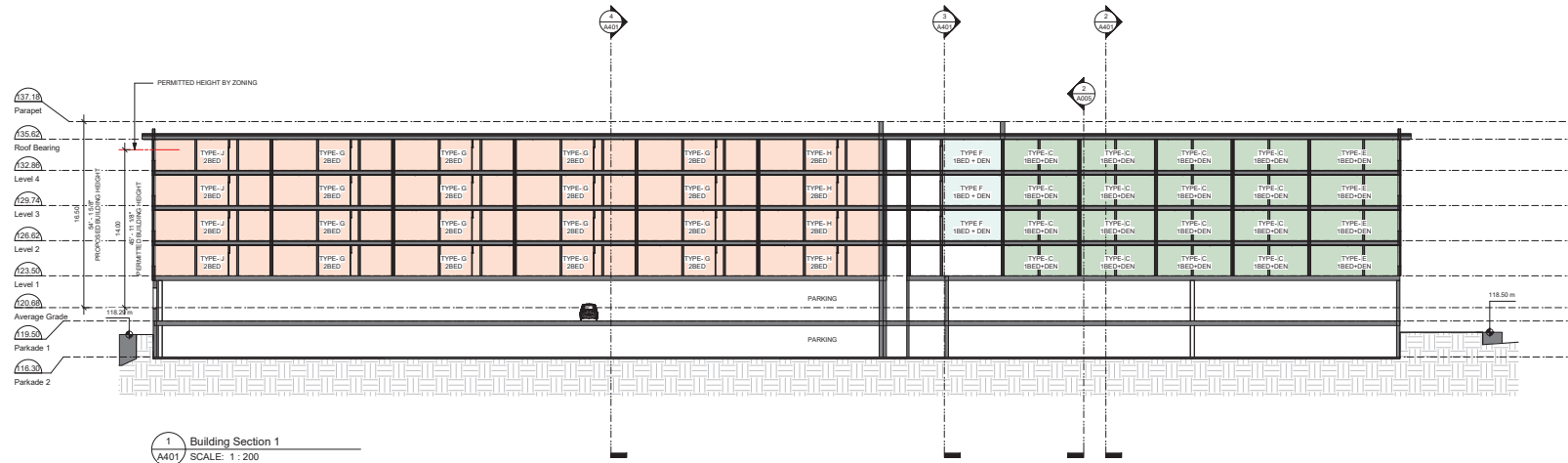
PLANTING NOTES

1. All landscape construction to be in accordance with the **City of Nanaimo Engineering Standards and Specifications**.
2. All landscape installation and maintenance to meet or exceed the current edition of the **Canadian Landscape Standards** as a minimal acceptable standard.
3. Growing medium to meet or exceed the properties outlined in the **Canadian Landscape Standards** per Section 6 Growing Medium, Table T-6.3.5.3. Properties of Growing Media Level 2 "Groomed" - 2P.
4. Growing Medium Depths (unless otherwise specified):
Tree Planting Area: 1 cu. m. per tree
Shrub & Ground Cover Areas: 450mm (18") depth
Seeded Areas: 150mm (6") depth
5. Mulch to be Compost per Section 10 Mulching of the Canadian Landscape Standard. Mulch depth to be 50mm minimum depth over all tree, shrub, and groundcover planted areas.
6. Plant material quality, transport and handling shall comply with the CNLA standards for Nursery Stock.
7. All plant material shall match type and species as indicated on the planting plan. **Contact the Landscape Architect for approval of substitutions.** No substitutions will be accepted without prior written approval of the Landscape Architect.
8. Check for locations of water lines and other underground services prior to digging tree pits. Excavated plant pits shall have positive drainage. Plant pits when fully flooded with water shall drain within one hour after filling.
9. No plants requiring pruning or major branches due to disease, damage or poor form will be accepted.
10. All tree, shrub, groundcover and lawn areas shall be watered via an underground automatic irrigation system utilizing Smart (ET/Weather-based) irrigation control. Irrigation emission devices to be high efficiency low volume rotary nozzles or drip irrigation equipment.

Refer to **Sheet L2.01** for Planting Plan (Southwest)
Refer to **Sheet L2.02** for Planting Plan (Southeast)
Refer to **Sheet L2.03** for Planting Plan (Northwest)
Refer to **Sheet L2.04** for Planting Plan (Northeast)

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NOTE: All dimensions are in metres unless otherwise specified.

SILVA

3400 Barrington Road
 Nanaimo, BC
 Building Sections



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