

# NACL - UPLANDS DRIVE

3425 Uplands Drive, Nanaimo, BC

## LANDSCAPE ARCHITECTURAL DRAWINGS

REISSUED FOR DEVELOPMENT PERMIT - MARCH 26, 2025

### LANDSCAPE DRAWING SCHEDULE

- L0.00 Cover Page
- L1.01 Landscape Plan
- L1.02 Landscape Sections
- L1.03 Landscape Details
  - 1. Perimeter Fence
  - 2. Post & Rail Fence
  - 3. Bike Rack
  - 4. Bollard Light
  - 5. Bench
- L2.01 Planting Plan Northeast
- L2.02 Planting Plan Southeast
- L2.03 Planting Plan West
- L2.04 Planting Notes & Plant List
- L3.01 Tree Management Plan
- L3.02 Tree Management Plan
- L3.03 Tree Management Plan
- L3.04 Tree Management Plan

### DESIGN PRECEDENTS



01 Big Leaf Maple: native tree canopy preserved and restored



02 Evergreen native ground covers dominate plant palette to reinforce forest understory



03 Feature deciduous tree: White Flowering Dogwood, Cornus 'Eldes White Wonder'



04 Common area bench with back rest



05 Rain garden common area bridge with bench, and pedestrian path



06 Rain garden common area bridge with bench



07 Sunken garden, deciduous trees, groundcovers and logs

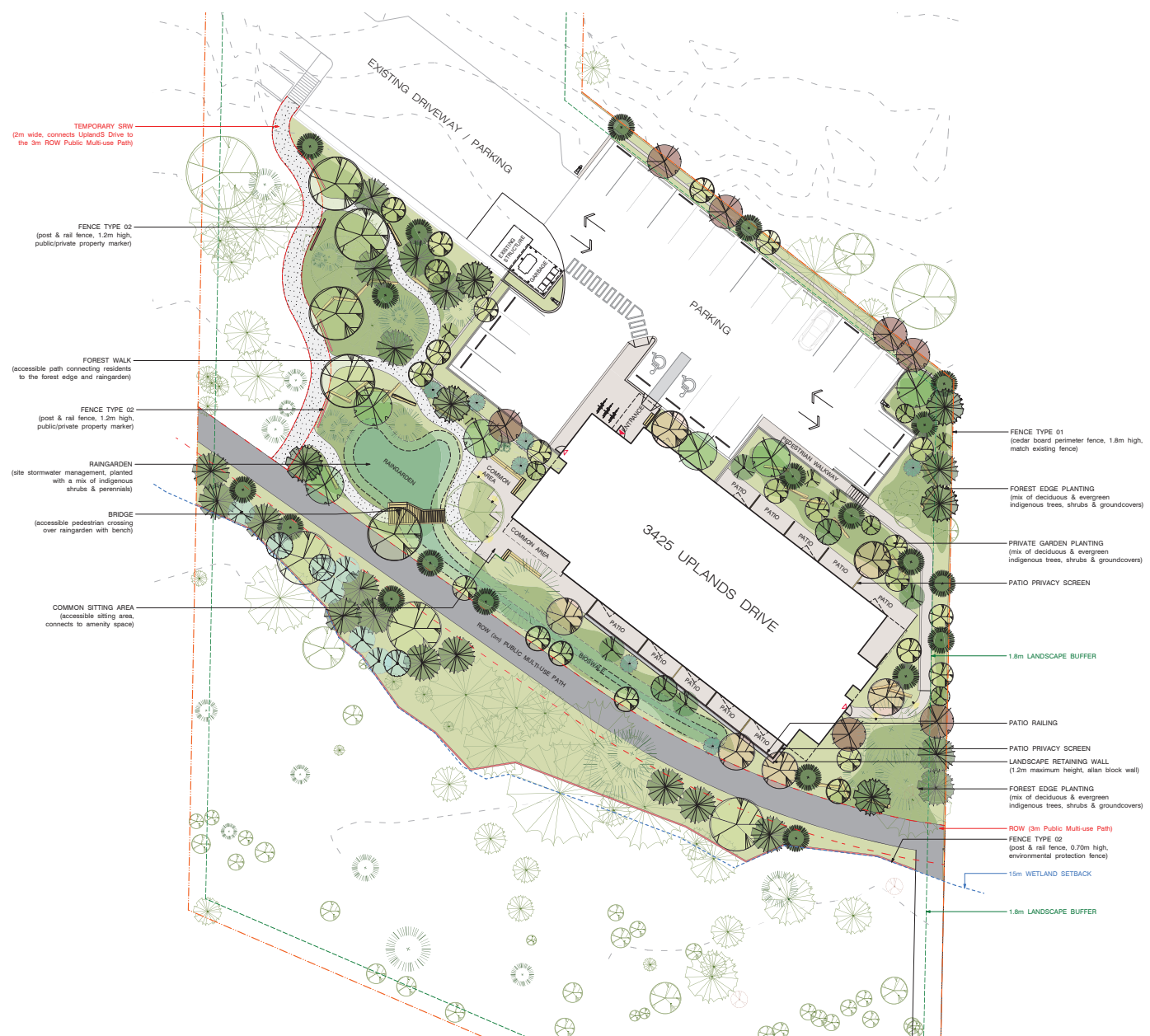


08 Fallen logs through forest planting for secondary movement and exploration



09 Accessible forest walk

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LANDSCAPE & TREE LEGEND

BENCH  
Quantity: 8  
(See sheet L1.03, detail 5)

BICYCLE RACK  
Total Capacity: 6 bikes  
Quantity: 3  
(See sheet L1.03, detail 3)

ENTRANCE / EXIT - MAIN

ENTRANCE / EXIT - SECONDARY

FENCE TYPE 01  
Cedar Board Perimeter  
Height: 1.8m  
Length: 98.84m  
(See sheet L1.03, detail 1)

FENCE TYPE 02  
Post & Rail (Environmental Protection)  
Height: 1.2m  
Length: 104.10m  
(See sheet L1.03, detail 2)

LANDSCAPE LOG  
Quantity: 24

LIGHTING - BOLLARD  
Quantity: 5  
(See sheet L1.03, detail 4)

CONCRETE PAVING  
Area: 330.65m<sup>2</sup>

GRAVEL SURFACING  
Area: 167.62m<sup>2</sup>

PLANTED AREA  
Area: 1696.98m<sup>2</sup>

RAINGARDEN  
Area: 200m<sup>2</sup>

Existing Trees to Remain

Po (8) *Picea Omorika Bluns*

Po (14) *Pinus contorta var. contorta*

P (25) *Pseudotsuga menziesii*

Deciduous Trees

Ac (26) *Acer circinatum*

Am (9) *Acer macrophyllum*

Ap (6) *Acer palmatum 'Osakazuki'*

Ar (8) *Alnus rubra*

Ce (6) *Cornus 'Eddie's White Wonder'*

Op (9) *Quercus palustris 'Pingree'*

Pp (7) *Parrotia persica 'Yanessa'*

S (6) *Syringa japonicus*

LANDSCAPE NOTES

1. It is the Contractor's responsibility to contact the Landscape Architect if the information in this drawing package requires further clarification.

2. All landscape construction to be in accordance with the **City of Nanaimo Engineering Standards & Specifications**.

3. All landscape construction to meet the current edition of the **Canadian Landscape Standards** as a minimal acceptable standard.

4. Contractor shall refer to the contract specifications for additional requirements.

5. Contractor to confirm layout of landscape plan on site with the Landscape Architect.

6. Irrigation to be designed and built by Contractor. As-built drawings required.

Refer to **Sheet L1.02** for Landscape Sections

Refer to **Sheet L1.03** for Landscape Details

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Gurdeep Planning

PROJECT

UPLANDS DRIVE

3425 UPLANDS DRIVE

NANAIMO, BC

LANDSCAPE PLAN

PROJECT ID 21004

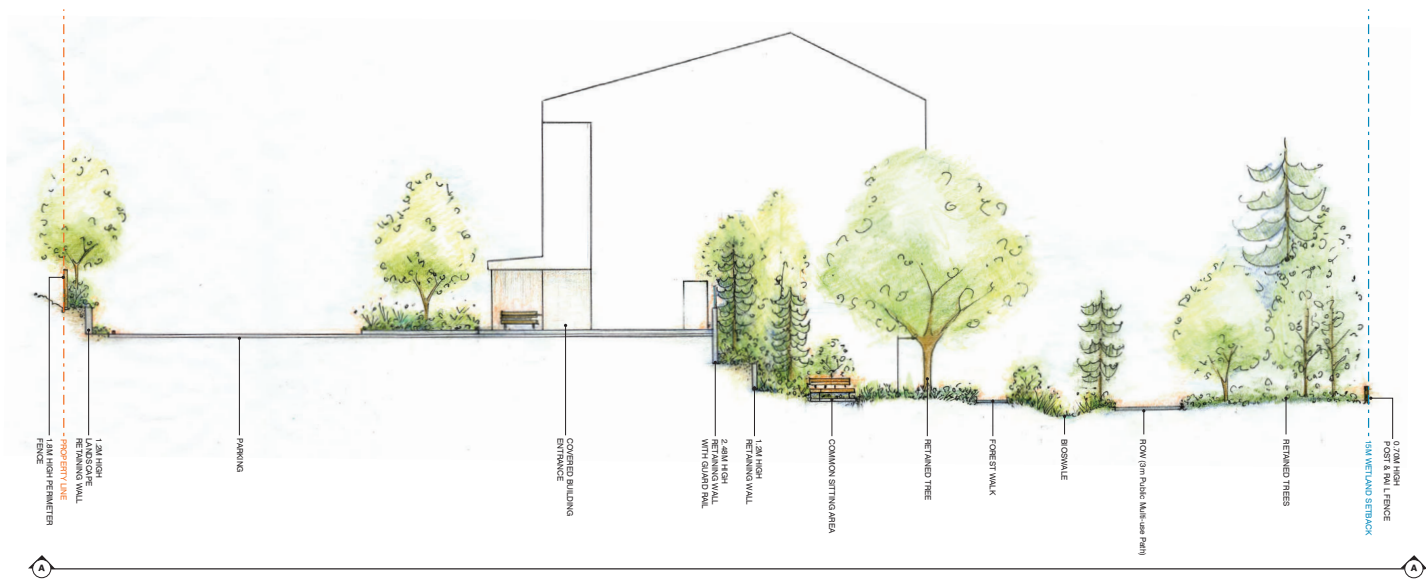
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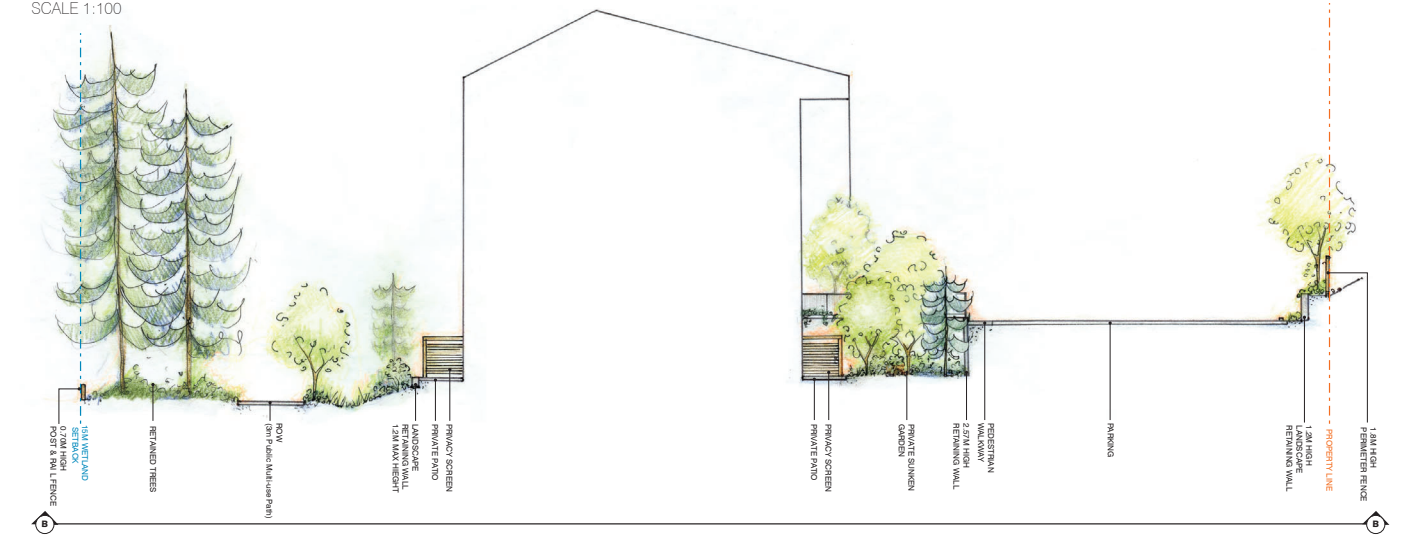
DATE 2023-10-01

L1.01





**A SECTION**  
SCALE 1:100



**B SECTION**  
SCALE 1:100

**KEY PLAN**



Refer to Sheet L1.01 for Landscape Plan  
Refer to Sheet L1.03 for Landscape Details

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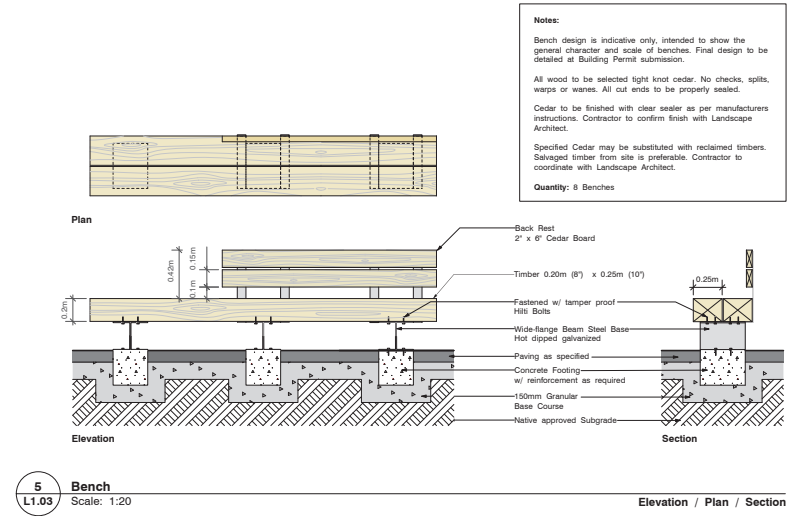
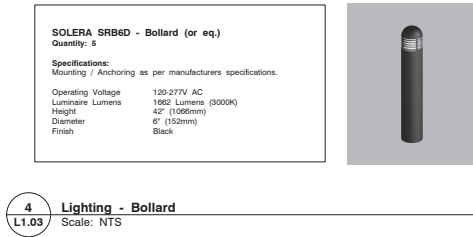
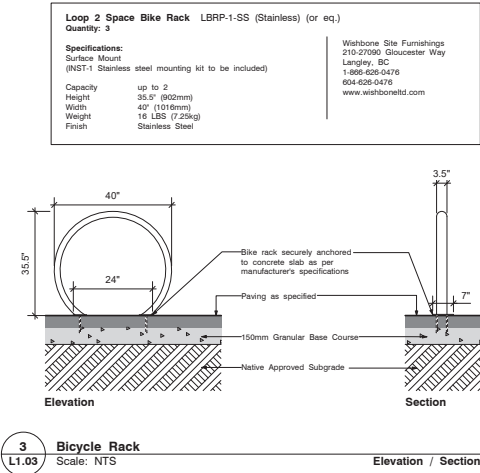
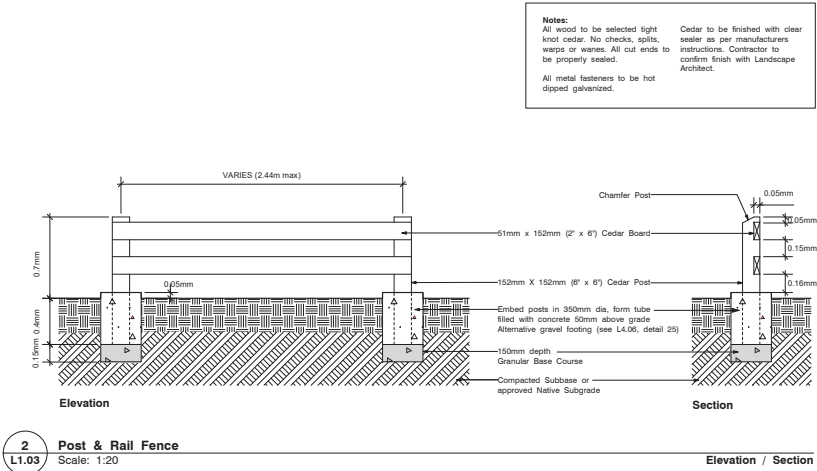
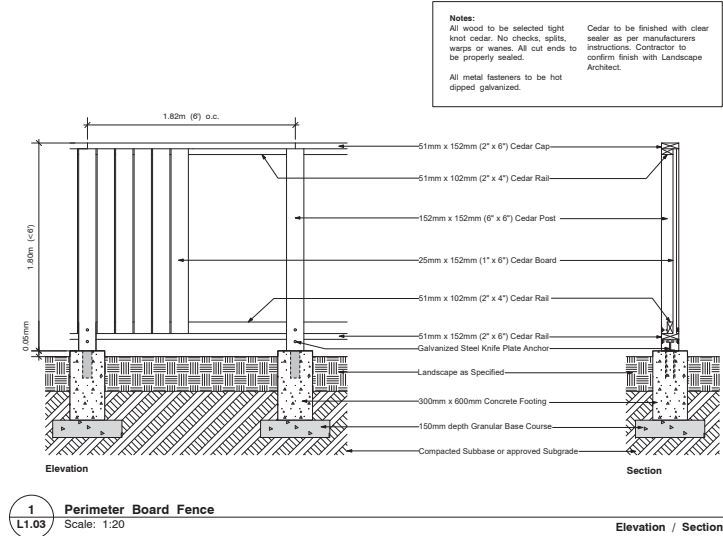
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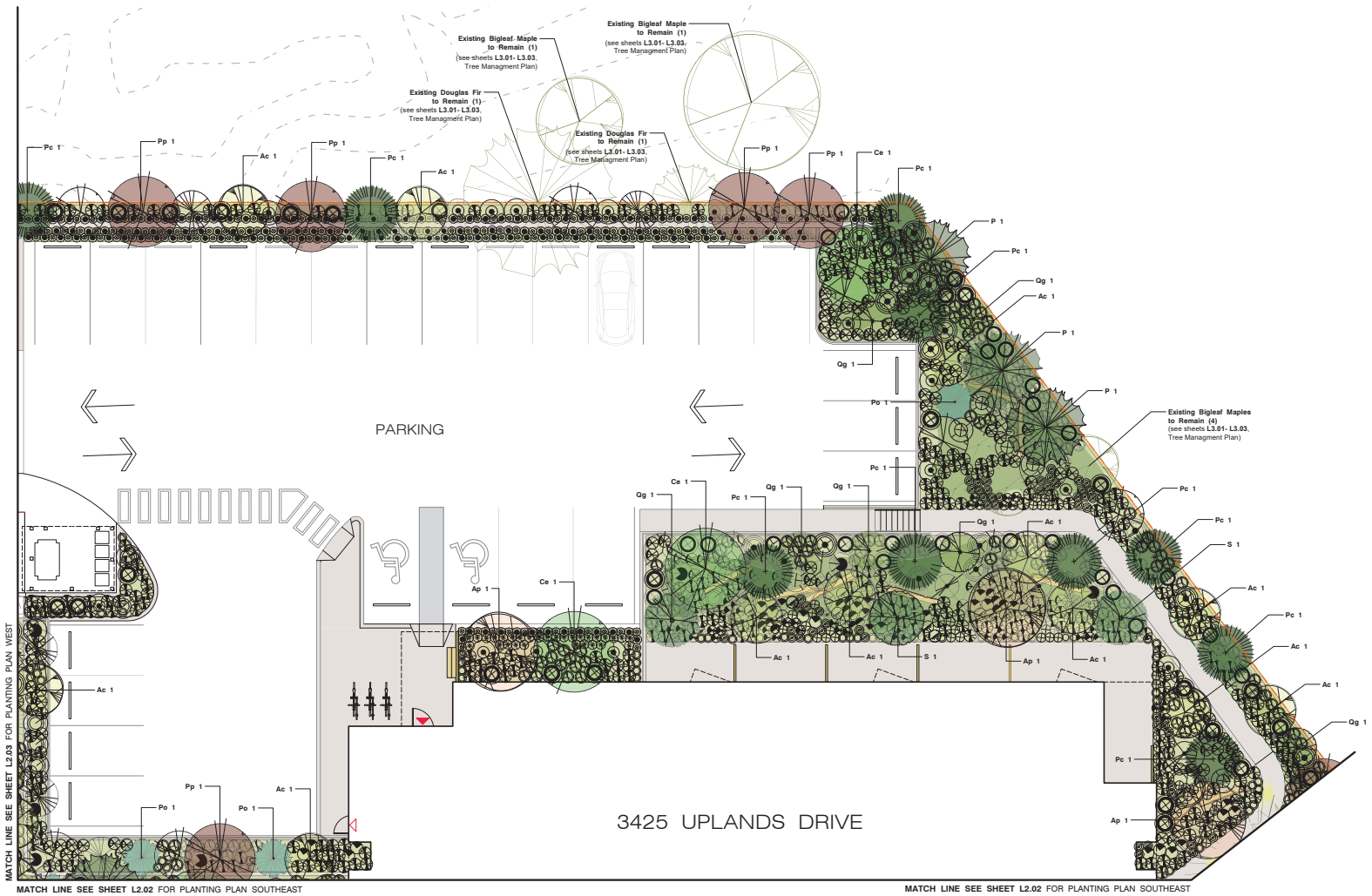
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**UPLANDS DRIVE**  
3425 UPLANDS DRIVE  
NANAIMO, BC  
**LANDSCAPE SECTIONS**

**PROJECT ID** 21004  
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**SCALE** AS NOTED  
**DATE** 2023-10-01

**L1.02**



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KEY PLAN



Refer to **Sheet L2.02** for Planting Plan Southeast  
Refer to **Sheet L2.03** for Planting Plan West  
Refer to **Sheet L2.04** for Planting Notes & Plant List

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**PLANTING PLAN NORTHEAST**  
SCALE 1:100



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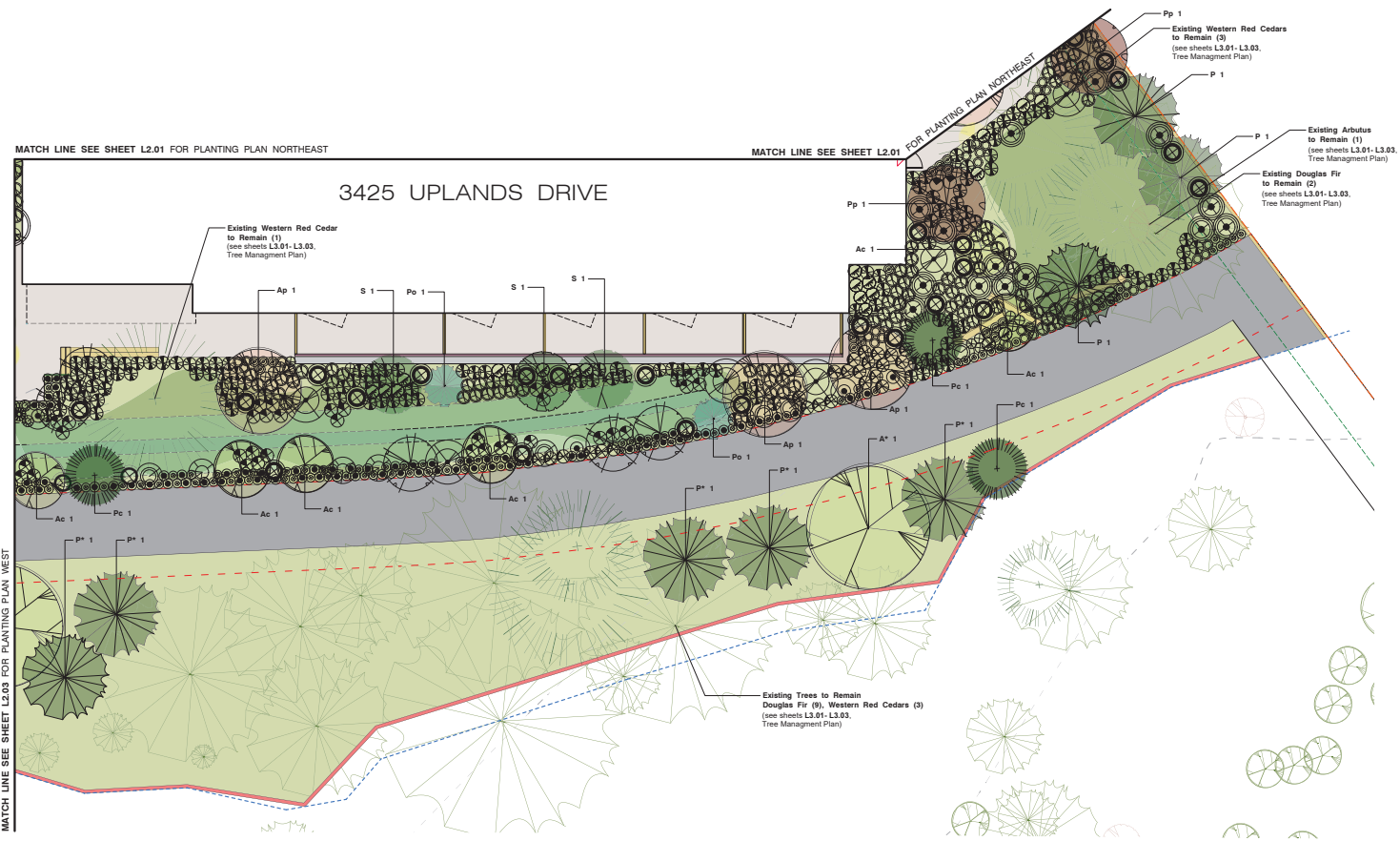
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**PLANTING PLAN NORTHEAST**

**PROJECT ID** 21004  
**DB** KS      **CB** KS

**SCALE** 1:100  
**DATE** 2023-10-01

**L2.01**



KEY PLAN



Refer to **Sheet L2.01** for Planting Plan Northeast  
Refer to **Sheet L2.03** for Planting Plan West  
Refer to **Sheet L2.04** for Planting Notes & Plant List

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**PLANTING PLAN SOUTHEAST**  
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Professional Engineer  
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**PLANTING PLAN SOUTHEAST**

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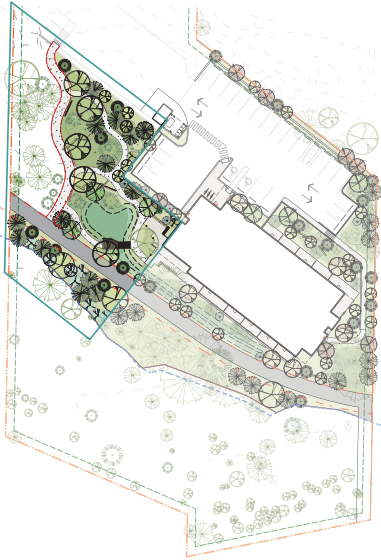
**L2.02**





**PLANTING PLAN WEST**  
SCALE 1:100

**KEY PLAN**



Refer to **Sheet L2.01** for Planting Plan Northeast  
Refer to **Sheet L2.02** for Planting Plan Southeast  
Refer to **Sheet L2.04** for Planting Notes & Plant List

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**PLANTING PLAN WEST**

**PROJECT ID** 21004  
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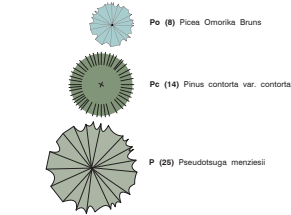
**L2.03**

TREE & PLANT LIST

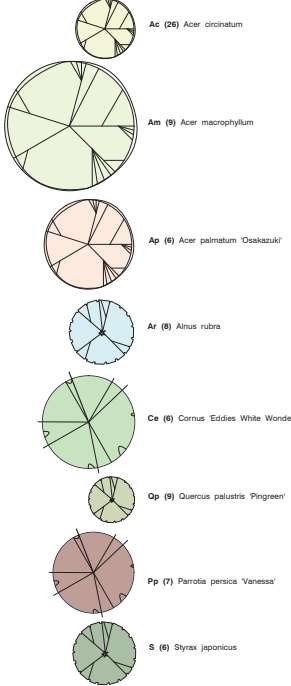
Existing Trees to Remain



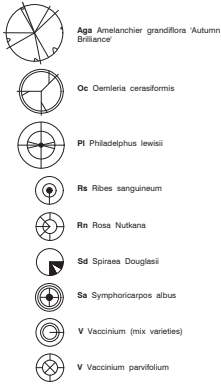
Coniferous Trees



Deciduous Trees



Deciduous Shrubs



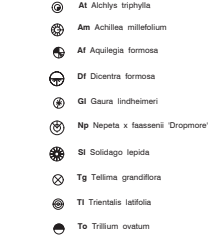
Evergreen Shrubs



Ferns & Groundcovers



Perennials



Vines



PLANT LIST

Key	Qty	Botanical Name	Common Name	Pot Size	Spacing	Notes
<strong>Coniferous Trees</strong>						
Pe	8	Picea Omorika Bruns	Serbian Spruce	#15	10m Ht.	Non-native
Pc	14	Pinus contorta var. contorta	Shore Pine	#15	10m Ht.	Native
Pc*	6	Pinus contorta var. contorta	Shore Pine	#1	10m Ht.	Native
P	14	Pseudotsuga menziesii	Douglas Fir	#15	75m Ht.	Native
P*	11	Pseudotsuga menziesii	Douglas Fir	#1	75m Ht.	Native
<strong>Deciduous Trees</strong>						
Ac	26	Acer circinatum	Vine Maple	#15	6m Ht.	Native
A	6	Acer macrophyllum	Big Leaf Maple	#5	18m Ht.	Native
A*	3	Acer macrophyllum	Big Leaf Maple	#1	18m Ht.	Native
Ap	6	Acer palmatum 'Osakazuki'	Japanese Maple	#15	6m Ht.	Non-native
Ar*	8	Alnus rubra	Red Alder	#1	15m	Native
Ce	6	Cornus 'Eddie's White Wonder'	White Flowering Dogwood	#20	7m Ht.	Hybrid native
Og	9	Quercus palustris 'Pinegreen'	Columnar Pin Oak	#20	Non-Native	Non-Native
Pp	7	Parrotia persica	Persian Ironwood	#20	7m Ht.	Non-native
S	6	Styrax japonicus	Japanese Snowbell	#20	4m	Non-native
<strong>Deciduous Shrubs</strong>						
Aa	15	Amelanchier alnifolia	Service Berry	#3	Multistem	Native
Oc	7	Oemleria cerasiformis	June Plum	#3	2m o.c.	Native
Pl	15	Philadelphus lewisii	Mock Orange	#2	2m o.c.	Native
Rs	22	Ribes sanguineum	Red Flowering Currant	#2	1.2m o.c.	Native
Rn	5	Rosa Nulkana	Noctika Rose	#2	1.2m o.c.	Native
Sd	17	Spiraea Douglasii	Western Spirea	#2	1.2m o.c.	Native
Sy	72	Symphoricarpos albus	Snowberry	#1	1.2m o.c.	Native
V	26	Vaccinium (mix varieties)	Blueberry	#2	1.2m o.c.	Non-native
Vp	14	Vaccinium parvifolium	Red Huckleberry	#1	1.2m o.c.	Native
<strong>Evergreen Shrubs</strong>						
Arb	5	Arbutus unedo 'Compacta'	Compact Strawberry Tree	#3	2m o.c.	Non-native
Gs	394	Gaultheria shallon	Salal	#1	60cm o.c.	Native
Mn	252	Mahonia nervosa	Dul Oregon Grape	#1	60cm o.c.	Native
Vo	108	Vaccinium ovatum	Evergreen Huckleberry	#2	1m o.c.	Native
<strong>Ferns &amp; Groundcovers</strong>						
Ap	28	Adiantum pedatum	Maidenhair Fern	#1	60cm o.c.	Native
Au	253	Arctostaphylos uva-ursi	Kinnikinnick	10cm	45cm o.c.	Native
Al	60	Athyrium filix-femina	Lady Fern	#1	60cm o.c.	Native
Pc	250	Fragaria chiloensis	Coastal Strawberry	10cm	45cm o.c.	Native
Pv	154	Fragaria vesca	Woodland Strawberry	10cm	45cm o.c.	Native
Pm	653	Polystichum munium	Sword fern	#1	60cm o.c.	Native
<strong>Perennials</strong>						
Al	70	Achlys triphylla	Vanilla Leaf	10cm	45cm o.c.	Native
Am	25	Achillea millefolium	Yarrow	10cm	45cm o.c.	Native
Al	59	Aquilegia formosa	Red Columbine	10cm	45cm o.c.	Native
Df	87	Dicentra formosa	Pacific Bleeding Heart	10cm	60cm o.c.	Native
Gl	30	Gaura lindheimeri	Bee Blossom	#1	45cm o.c.	Non-native
So	36	Solidago canadensis	Canada Goldenrod	10cm	60cm o.c.	Native
Tg	72	Tellima grandiflora	Fringecup	10cm	45cm o.c.	Native
Tl	154	Trientalis latifolia	Broad-leaved Starflower	10cm	45cm o.c.	Native
To	41	Trillium ovatum	Western Trillium	#1	45cm o.c.	Native
<strong>Raingarden &amp; Bioswale</strong>						
Co	160	Carex canadensis	Slough Sedge	10cm	60cm o.c.	Native
Im	80	Iris missouriensis	Western Blue Flag Iris	#1	60cm o.c.	Native
Je	160	Juncus ensifolius	Dagger-Leaf Rush	10cm	60cm o.c.	Native
Sm	160	Setpura microcarpus	Small-flowered Butash	10cm	60cm o.c.	Native
<strong>Vines</strong>						
Lh	10	Lonicera hispidula	Hairy Honeysuckle	#1	1.2m o.c.	Native

Please contact the Landscape Architect for approval of any plant substitutions:  
**KINSHIP DESIGN ART ECOLOGY**  
Kate Stehuk BCSCA  
t: 250-753-8093 e: kate.stehuk@kinshipdesign.ca  
No substitutions will be accepted without prior written approval of the Landscape Architect.

PLANTING NOTES

- All landscape construction to be in accordance with the City of Nanaimo Engineering Standards and Specifications.
- All landscape installation and maintenance to meet or exceed the current edition of the **Canadian Landscape Standards** as a minimal acceptable standard.
- Growing medium to meet or exceed the properties outlined in the Canadian Landscape Standard per Section 6 Growing Medium, Table T-6.3.5.3. Properties of Growing Media Level 2 "Groomed" - 2P.
- Growing Medium Depths (unless otherwise specified):  
Tree Planting Areas: 1 cu. m. per tree  
Shrub & Ground Cover Areas: 450mm (18") depth  
Seeded Areas: 150mm (6") depth
- 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.
- Plant material quality, transport and handling shall comply with the CNLA standards for Nursery Stock.
- 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.
- 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.
- No plants requiring pruning or major branches due to disease, damage or poor form will be accepted.
- 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 Northeast  
Refer to **Sheet L2.02** for Planting Plan Southeast  
Refer to **Sheet L2.03** for Planting Plan West

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**PLANTING NOTES & PLANT LIST**

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**SCALE** **SEE SHEET**  
**DATE** **2023-10-01**

**L2.04**