



Recommended Nursery Stock

| Trees                                                                     |          |                                          |                                   |                |
|---------------------------------------------------------------------------|----------|------------------------------------------|-----------------------------------|----------------|
| ID                                                                        | Quantity | Botanical Name                           | Common Name                       | Size           |
| Total: 39 on-site                                                         |          | Cercidiphyllum japonicum                 | Katsura Tree                      | 6cm cal.       |
| Total: 8 off-site                                                         |          | Latin Name                               | Common Name                       | Scheduled Size |
|                                                                           |          | Malus 'Royal Raindrops'                  | Royal Raindrops Crabapple         | 6cm cal.       |
|                                                                           |          | Parrotia persica                         | Persian Ironwood                  | 6cm cal.       |
|                                                                           |          | Picea omorika                            | Serbian Spruce                    | 6 cm cal.      |
|                                                                           |          | Prunus emarginata                        | Bitter Cherry                     | 2.5M ht.       |
|                                                                           |          | Pseudotsuga menziesii                    | Douglas fir                       | 6cm cal.       |
| Large Shrubs                                                              |          |                                          |                                   |                |
| Total: 232                                                                |          | Botanical Name                           | Common Name                       | Size           |
|                                                                           |          | Cornus stolonifera 'Flaviramea'          | Yellowtwig Dogwood                | #5 pot         |
|                                                                           |          | Holodiscus discolor                      | Oceanspray                        | #5 pot         |
|                                                                           |          | Philadelphus lewisii                     | Wild Mock Orange                  | #5 pot         |
|                                                                           |          | Rhododendron 'Janet Blair'               | Rhododendron                      | #5 pot         |
|                                                                           |          | Rhododendron macrophyllum                | Pacific Rhododendron              | #7 pot         |
|                                                                           |          | Ribes sanguineum 'King Edward VII'       | King Edward VII Flowering Currant | #5 pot         |
|                                                                           |          | Salix hookeriana                         | Hooker's Willow                   |                |
|                                                                           |          | Vaccinium ovatum                         | Evergreen Huckleberry             | #5 pot         |
| Medium Shrubs                                                             |          |                                          |                                   |                |
| Total: 270                                                                |          | Botanical Name                           | Common Name                       | Size           |
|                                                                           |          | Gaultheria shallon                       | Salal                             | #1 pot         |
|                                                                           |          | Hydrangea arborescens 'Annabelle'        | Annabelle Hydrangea               | #7 pot         |
|                                                                           |          | Mahonia aquifolium                       | Tall Oregon Grape                 | #5 pot         |
|                                                                           |          | Ribes sanguineum                         | Flowering Currant                 | #5 pot         |
|                                                                           |          | Rosa gymnocarpa                          | Baldhip Rose                      | #3 pot         |
|                                                                           |          | Rosa nutkana                             | Nootka Rose                       | #7 pot         |
| Small Shrubs                                                              |          |                                          |                                   |                |
| Total: 1008                                                               |          | Botanical Name                           | Common Name                       | Size           |
|                                                                           |          | Azalea japonica 'Hino White Dwarf'       | Hino White Dwarf Azalea           | #2 pot         |
|                                                                           |          | Azalea 'Snowbird'                        | Snowbird Azalea                   | #5 pot         |
|                                                                           |          | Cornus stolonifera 'Kelsey'              | Kelsey Dogwood                    | #1 Pot         |
|                                                                           |          | Gaultheria shallon                       | Salal                             | #1 pot         |
|                                                                           |          | Lavandula officinalis                    | English Lavender                  | #1 pot         |
|                                                                           |          | Mahonia nervosa                          | Low Oregon Grape                  | #1 pot         |
|                                                                           |          | Mahonia repens                           | Creeping Mahonia                  | #1 pot         |
|                                                                           |          | Spiraea douglasii                        | Douglas Spiraea                   | #1 pot         |
|                                                                           |          | Polystichum munitum                      | Sword Fern                        | #1 pot         |
|                                                                           |          | Prunella vulgaris                        | Self-Heal                         | #1 pot         |
|                                                                           |          | Rubus parviflorus                        | Thimbleberry                      | #1 pot         |
|                                                                           |          | Rudbeckia fulgida 'Goldsturm'            | Goldsturm Black Eyed Susan        | #1 pot         |
|                                                                           |          | Stipa tenuissima                         | Mexican feathergrass              | #1 Pot         |
| Groundcovers                                                              |          |                                          |                                   |                |
| Total: 198                                                                |          | Botanical Name                           | Common Name                       | Size           |
|                                                                           |          | Arctostaphylos uva ursi 'Vancouver Jade' | Vancouver Jade Kinnickinnick      | #1 pot         |
|                                                                           |          | Prunella vulgaris                        | Self-Heal                         | #1 pot         |
| Notes:                                                                    |          |                                          |                                   |                |
| 1. All work to be completed to current BCSLA Landscape Standards          |          |                                          |                                   |                |
| 2. All soft landscape to be irrigated with an automatic irrigation system |          |                                          |                                   |                |

- Multi-level planting areas that accommodate elevation changes while creating visual interest and opportunities for diverse planting.
- Bike parking
- Unit Patios
- Indigenous Medicinal Plant Garden - A living educational landscape featuring native medicinal plants and interpretive elements that celebrate traditional ecological knowledge and cultural connections to the land.
- Art installation creating a memorable arrival experience and reinforcing a sense of place.
- Arrival Plaza - Arrival space featuring a bridge crossing over a planted rain garden, creating a welcoming transition from the public street into the residential courtyard
- Planter acts as a buffer that screens the garbage staging area and integrates grading transition
- Decorative paving pattern that unifies the arrival plaza, and courtyard

**LIGHTING LEGEND**

- Bollard Lighting
- Wall/Step Recessed Light
- Accent Uplight for Art Feature
- Pergola Downlight

**MATERIALS LEGEND**

- Composite decking
- Grass lawn (Typ.)
- Planting beds (Stormwater planters) (Native and adaptive species)
- Meadow seed mix
- Nature play areas | Engineered fiber wood safety surfacing
- Planting Beds
- River rock
- Decorative paving areas
- Aggregate
- Natural Stone Paving

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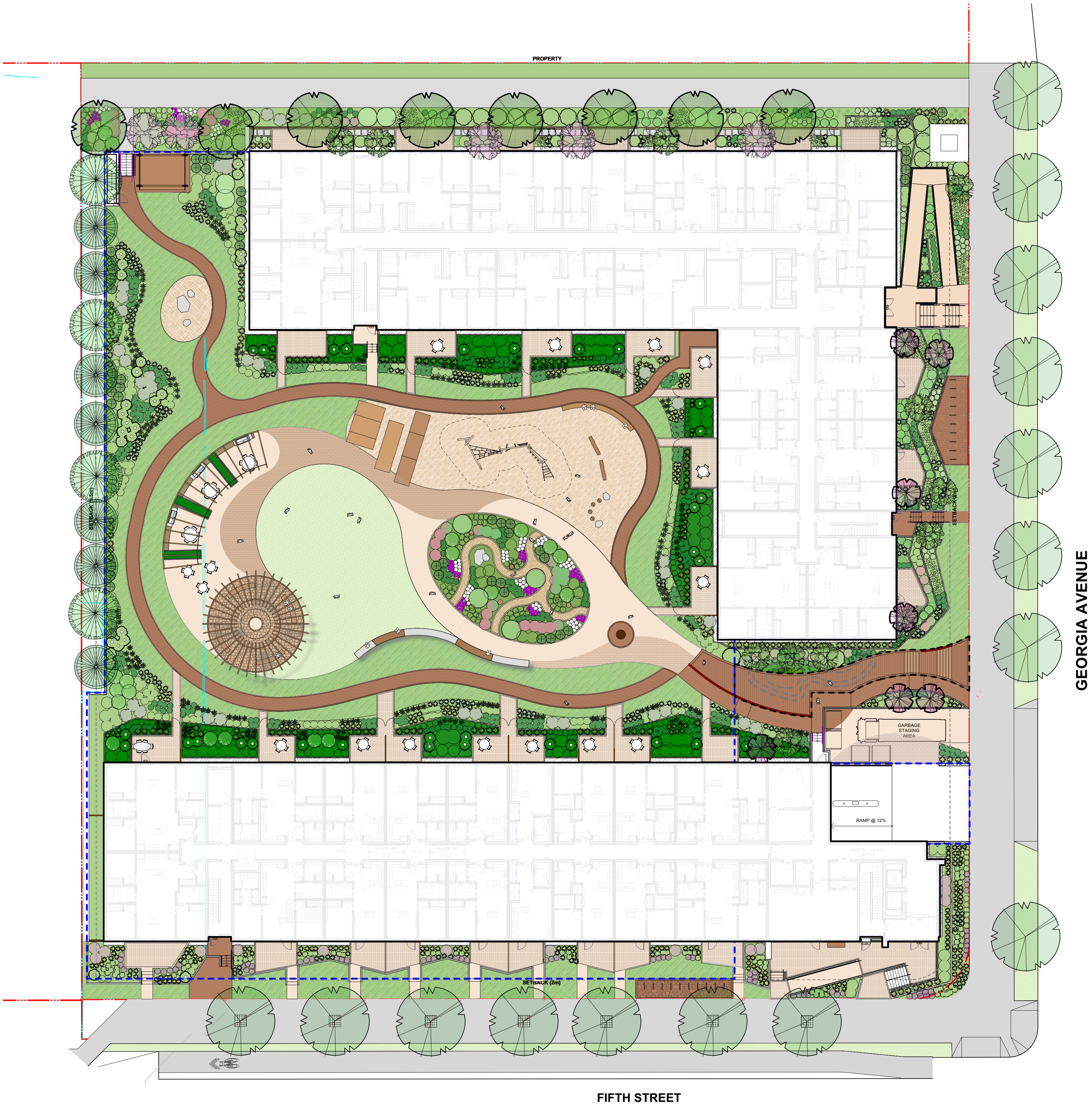
Project No: 0000 APR-23-26

#3-864 Queens Ave. Victoria B.C. V8T 1M5  
Phone: (250) 598-0105

564 Fifth St Nanaimo | Landscape Concept Plan



CHARACTER IMAGES | SHADE STRUCTURES



# 564 Fifth St Nanaimo | Landscape Concept Plan

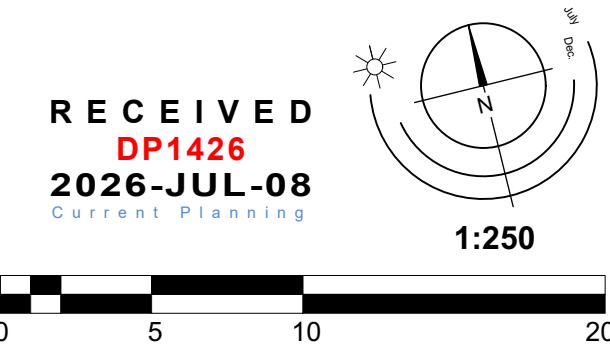
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CHARACTER IMAGES | MATERIALS AND FURNISHINGS



# 564 Fifth St Nanaimo | Landscape Concept Plan

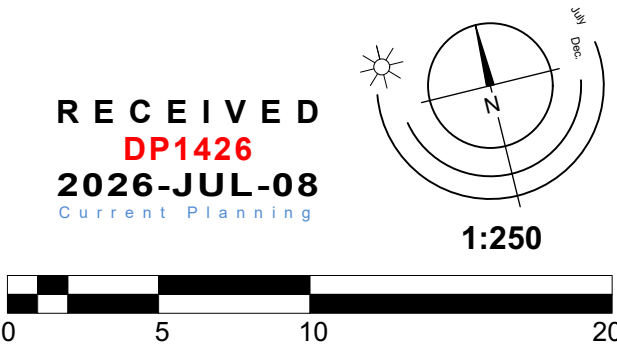
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TREES



Bigleaf maple  
*Acer macrophyllum*



Douglas-fir  
*Pseudotsuga menziesii*

SUN AND PARTIAL-SUN SPECIES



Tall Oregon-grape  
*Mahonia aquilifolium*



Red-osier dogwood  
*Cornus sericea*



Thimbleberry  
*Rubus parviflorus*



Pacific ninebark  
*Physocarpus capitatus*



Salal  
*Gaultheria shallon*



Tall Oregon-grape  
*Mahonia aquilifolium*



Nootka rose  
*Rosa nutkana*



Evergreen huckleberry  
*Vaccinium ovatum*



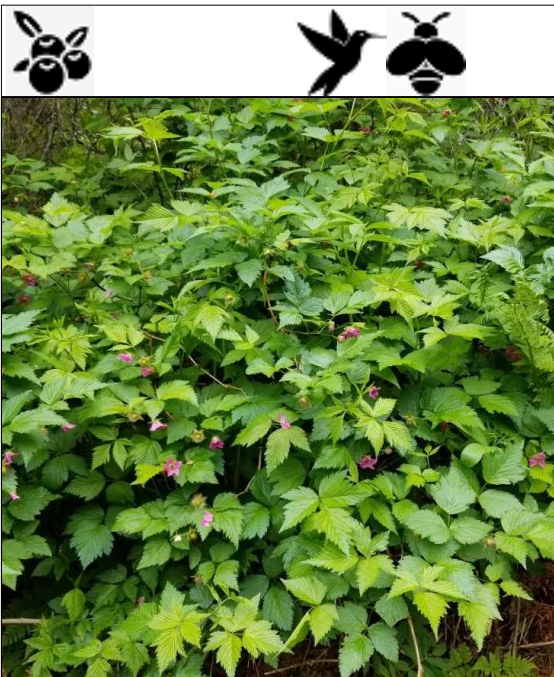
Bitter cherry  
*Prunus emarginata*



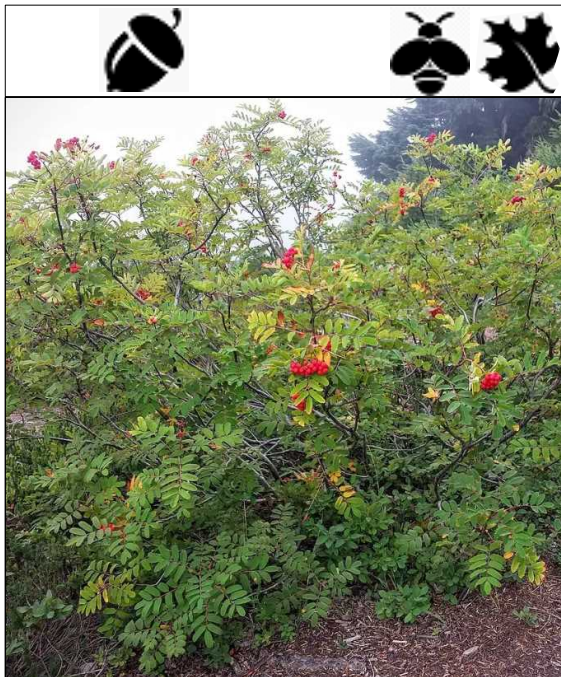
Vine maple  
*Acer circinatum*



Nootka rose  
*Rosa nutkana*



Salmonberry  
*Rubus spectabilis*



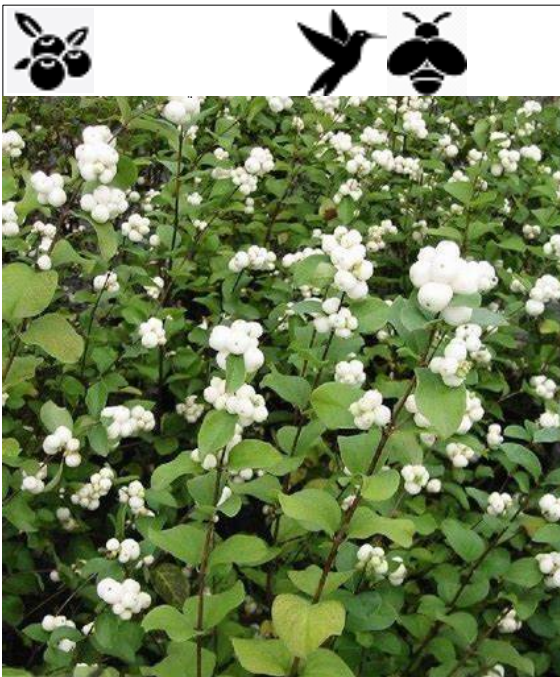
Sitka mountain ash  
*Sorbus sitchensis*



Common snowberry  
*Symphoricarpos albus*



Red-flowering currant  
*Ribes sanguineum*



Snowberry  
*Symphoricarpos albus*



Salal  
*Gaultheria shallon*



Thimbleberry  
*Rubus parviflorus*



Western hemlock  
*Tsuga herterophylla*



Yellow Cedar  
*Chamaecyparis nootkatensis*



Nodding onion  
*Allium cernuum*



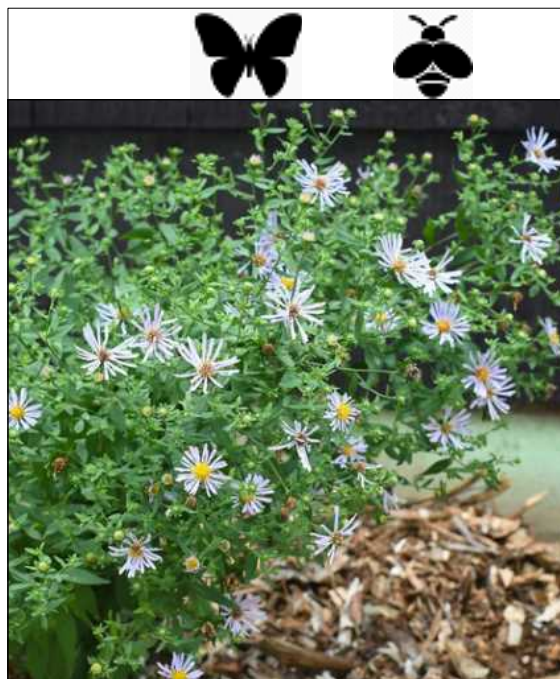
Oceanspray  
*Holodiscus discolor*



Mock-orange  
*Philadelphus lewisii*



Bunchberry  
*Cornus canadensis*



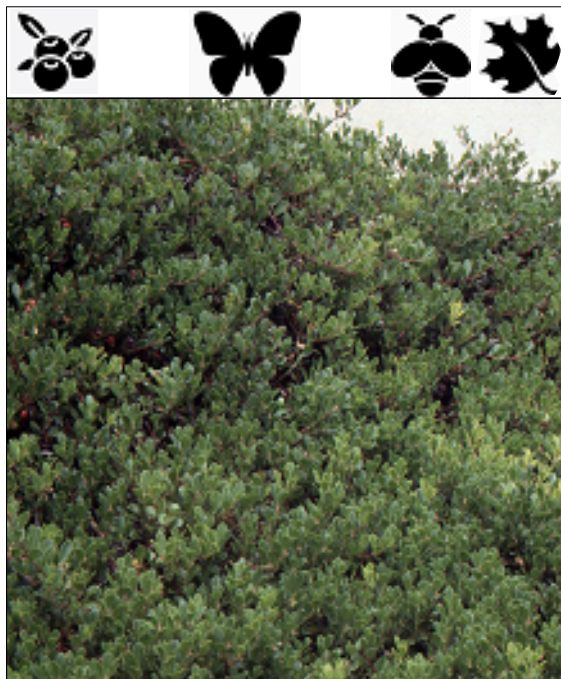
Douglas' aster  
*Aster subspicatus*



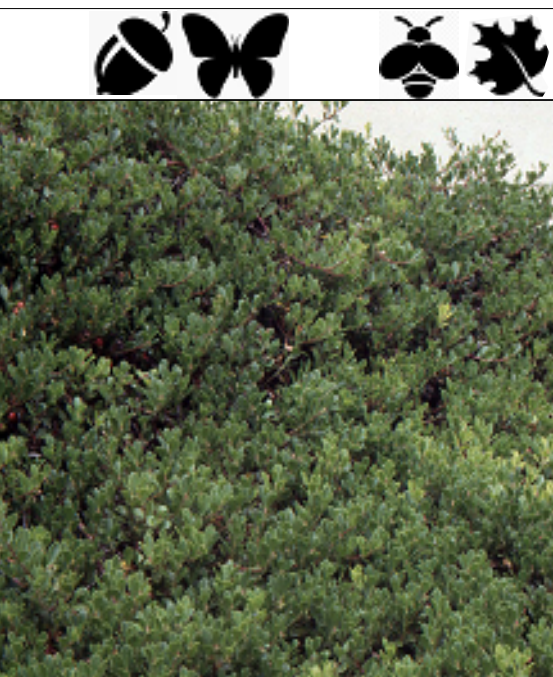
Self-heal  
*Prunella vulgaris*



Common Yarrow  
*Achillea millefolium*



Kinnikinnick  
*Arctostaphylos uva-ursi*



Kinnikinnick  
*Arctostaphylos uva-ursi*



Cooley's hedge-nettle  
*Stachys chamissonis* var. *coo.*



Coastal strawberry  
*Fragaria chiloensis*



Food source for wildlife in spring/summer



Food source for wildlife year-round



Attract butterflies



Attract hummingbirds



Attract pollinators



Fall Colour

564 Fifth St Nanaimo | Plant Palette





ON-SITE TREE INVENTORY (PREPARED BY NB TREE SERVICE LTD)

| D #      | Common                 | Botanical             | DBH (cm) | Ht (m) | Critical root zone (m) | Crown spread (m) | Condition |            | Replacement trees needed |
|----------|------------------------|-----------------------|----------|--------|------------------------|------------------|-----------|------------|--------------------------|
|          |                        |                       |          |        |                        |                  | Health    | Structural |                          |
| off site | 18 Douglas fir         | Pseudotsuga menziesii | 16.5     | 7      | 1.98                   | 3.6              | Good      | Good       | 1 replacement tree       |
|          | 19 Douglas fir         | Pseudotsuga menziesii | 58       | 17     | 6.96                   | 12               | Good      | Good       | 2 replacement trees      |
|          | 20 Western red cedar   | Thuja plicata         | 44.4     | 15     | 5.33                   | 6                | Good      | Good       | 2 replacement trees      |
|          | 21 Arbutus             | Arbutus menziesii     | 2.5      | 1.5    | 0.30                   | 1.5              | Good      | Good       | 1 replacement tree       |
|          | 22 Deodara cedar       | Cedrus deodara        | 63.5     | 23     | 7.62                   | 12               | Good      | Fair       | 3 replacement trees      |
|          | 23 Sitka spruce        | Picea sitchensis      | 15.2     | 9      | 1.82                   | 4                | Poor      | Fair       | 1 replacement tree       |
|          | 24 Hemlock             | Tsuga heterophylla    | 12.7     | 7      | 1.52                   | 4.2              | Good      | Fair       | 1 replacement tree       |
|          | 25 Deodara cedar       | Cedrus deodara        | 40       | 22     | 4.80                   | 13               | Good      | Fair       | 2 replacement trees      |
|          | 26 Sitka spruce        | Picea sitchensis      | 14       | 7.5    | 1.68                   | 4.8              | Fair      | Fair       | 1 replacement tree       |
|          | 27 Deodara cedar       | Cedrus deodara        | 42       | 21     | 5.04                   | 9                | Good      | Good       | 2 replacement trees      |
|          | 28 Hemlock             | Tsuga heterophylla    | 18.5     | 6.5    | 2.22                   | 3                | Poor      | Fair       | 1 replacement tree       |
|          | 29 Deodara cedar       | Cedrus deodara        | 48       | 17     | 5.76                   | 11.2             | Good      | Fair       | 2 replacement trees      |
|          | 30 Deodara cedar       | Cedrus deodara        | 35.5     | 15     | 4.26                   | 5.8              | Good      | Good       | 2 replacement trees      |
|          | 31 Deodara cedar       | Cedrus deodara        | 39.3     | 15     | 4.72                   | 7.3              | Good      | Good       | 2 replacement trees      |
|          | 32 Sitka spruce        | Picea sitchensis      | 16.5     | 9      |                        |                  |           |            | 1 replacement tree       |
|          | 33 Deodara cedar       | Cedrus deodara        | 30.4     | 12     | 3.65                   | 5.1              | Poor      | Poor       | 2 replacement trees      |
|          | 34 Deodara cedar       | Cedrus deodara        | 33       | 12     | 3.96                   | 4.8              | Good      | Fair       | 2 replacement trees      |
|          | 35 Deodara cedar       | Cedrus deodara        | 33       | 11     | 3.96                   | 5                | Good      | Good       | 2 replacement trees      |
| on-site  | 36 Flowering crabapple | Malus sargentii       | 2.5      | 1.8    | 0.30                   | 2.5              | Fair      | Good       | 1 replacement tree       |
|          | 37                     |                       | 11       | 5      | 1.32                   | 4.2              | Poor      | Good       | 1 replacement tree       |
|          | 38 Deodara cedar       | Cedrus deodara        | 42       | 18     | 5.04                   | 5.4              | Good      | Good       | 2 replacement trees      |
|          | 39 Deodara cedar       | Cedrus deodara        | 43       | 4.5    | 5.16                   | 6.4              | Good      | Good       | 2 replacement trees      |
|          | 40 Deodara cedar       | Cedrus deodara        | 38       | 19     | 4.56                   | 8.2              | Good      | Good       | 2 replacement trees      |
|          | 41 Deodara cedar       | Cedrus deodara        | 43       | 14     | 5.16                   | 5.7              | Good      | Good       | 2 replacement trees      |
|          | 42 Deodara cedar       | Cedrus deodara        | 35.5     | 13     | 4.26                   | 6                | Good      | Good       | 2 replacement trees      |
|          | 43 Deodara cedar       | Cedrus deodara        | 47       | 21     | 5.64                   | 12.8             | Good      | Good       | 6 replacement trees      |
|          | 44 Pine                | Pinus ponderosa       | 48       | 22     | 5.76                   | 7.6              | Good      | Good       | 6 replacement trees      |
|          | 45 Deodara cedar       | Cedrus deodara        | 53       | 23     | 6.36                   | 13.7             | Good      | Good       | 6 replacement trees      |
|          | 46 Pine                | Pinus ponderosa       | 53       | 20     | 6.36                   | 8.2              | Good      | Good       | 6 replacement trees      |
|          | 47 Deodara cedar       | Cedrus deodara        | 61       | 22     | 7.32                   | 13.7             | Good      | Good       | 8 replacement trees      |
|          | 48 Incense cedar       | Calocedrus decurrens  | 7        | 11     | 0.84                   | 6                | Good      | Good       | 0 replacement tree       |
|          | 49 Pine                | Pinus ponderosa       | 43       | 9      | 5.16                   | 11.5             | Good      | Good       | 0 replacement tree       |
|          | 50 Incense cedar       | Calocedrus decurrens  | 32       | 9      | 3.84                   | 4.2              | Good      | Good       | 0 replacement tree       |
|          | 51 Incense cedar       | Calocedrus decurrens  | 22.8     | 7      | 2.74                   | 3                | Good      | Good       | 0 replacement tree       |
|          | 52 Deodara cedar       | Cedrus deodara        | 40       | 16     | 4.80                   | 10.6             | Good      | Good       | 4 replacement trees      |

TREE RETENTION LEGEND

- EXISTING TREE - RETAINED  
01 TREES TO BE RETAINED
- EXISTING TREE - REMOVED  
37 TREES TO BE REMOVED  
OFFSITE TREES: 27  
ON-SITE TREES: 10

TOTAL PROPOSED TREES ON-SITE:  
39 TREES  
TOTAL PROPOSED TREES OFF-SITE:  
15 TREES

(1) The minimum charge for a tree permit will be fifty dollar (\$50) (application fee) plus the cost of each tree as indicated below.

(2) Prior to issuance of a permit, the applicant shall pay the municipality a fee of:

(a) Ten dollars (\$10) for each tree of 6 cm Dbh or more, other than a significant tree, to be cut or pruned; and  
(b) One Hundred dollars (\$100) for each significant tree to be cut or pruned.

(3) Notwithstanding subsections (1) and (2) of this section, the fee for a permit shall not exceed:

(a) Five hundred dollars (\$500) per hectare of land upon which trees are to be cut; or,  
(b) Twenty-five hundred dollars (\$2500) in total.

(4) There shall be no fee charged for a permit authorizing the removal of a hazardous tree.

(5) The fee for transfer of a permit shall be fifty dollars (\$50).

(6) The fee for renewal of an expired permit shall be fifty dollars (\$50) and may require an updated application.

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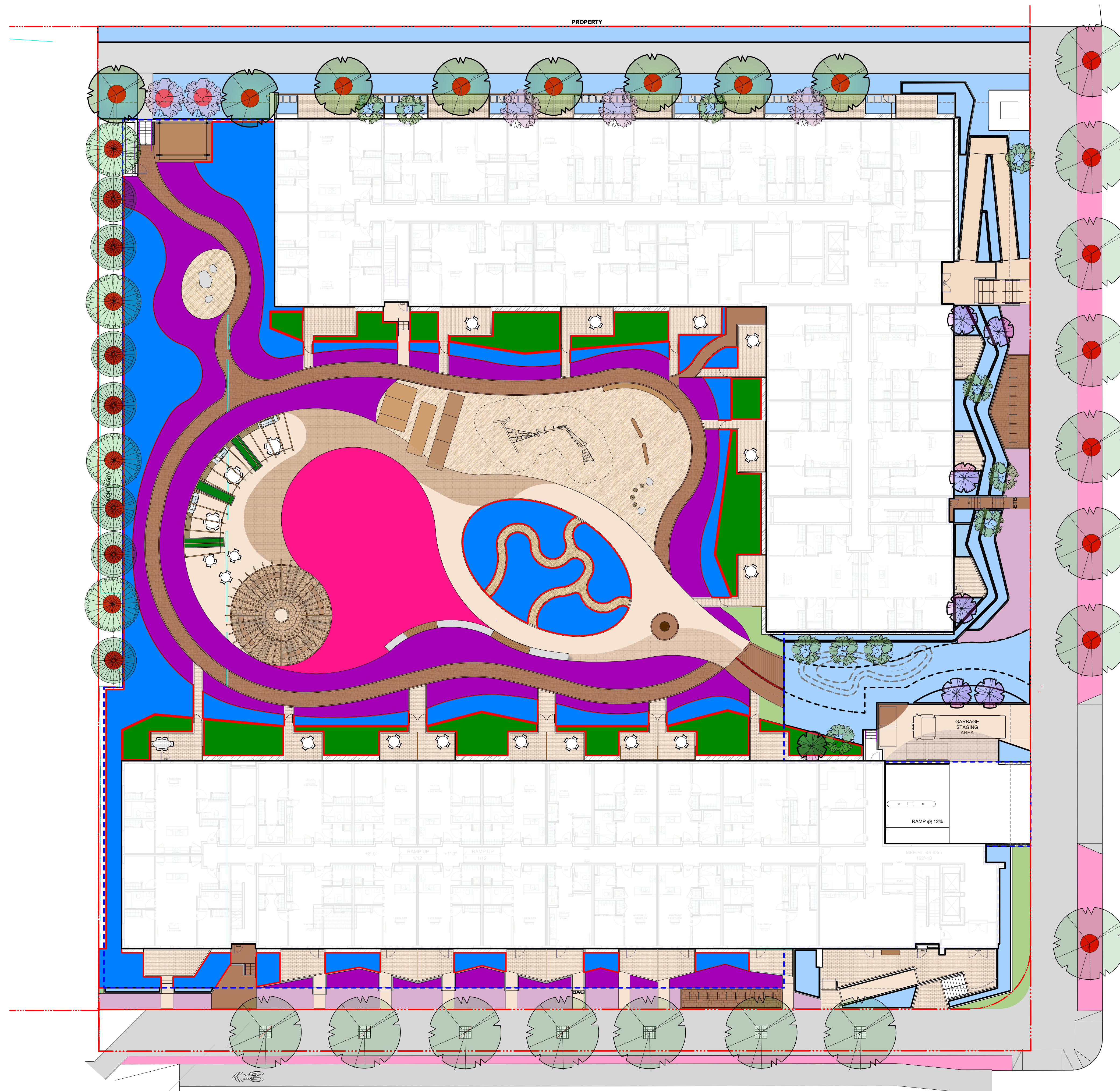
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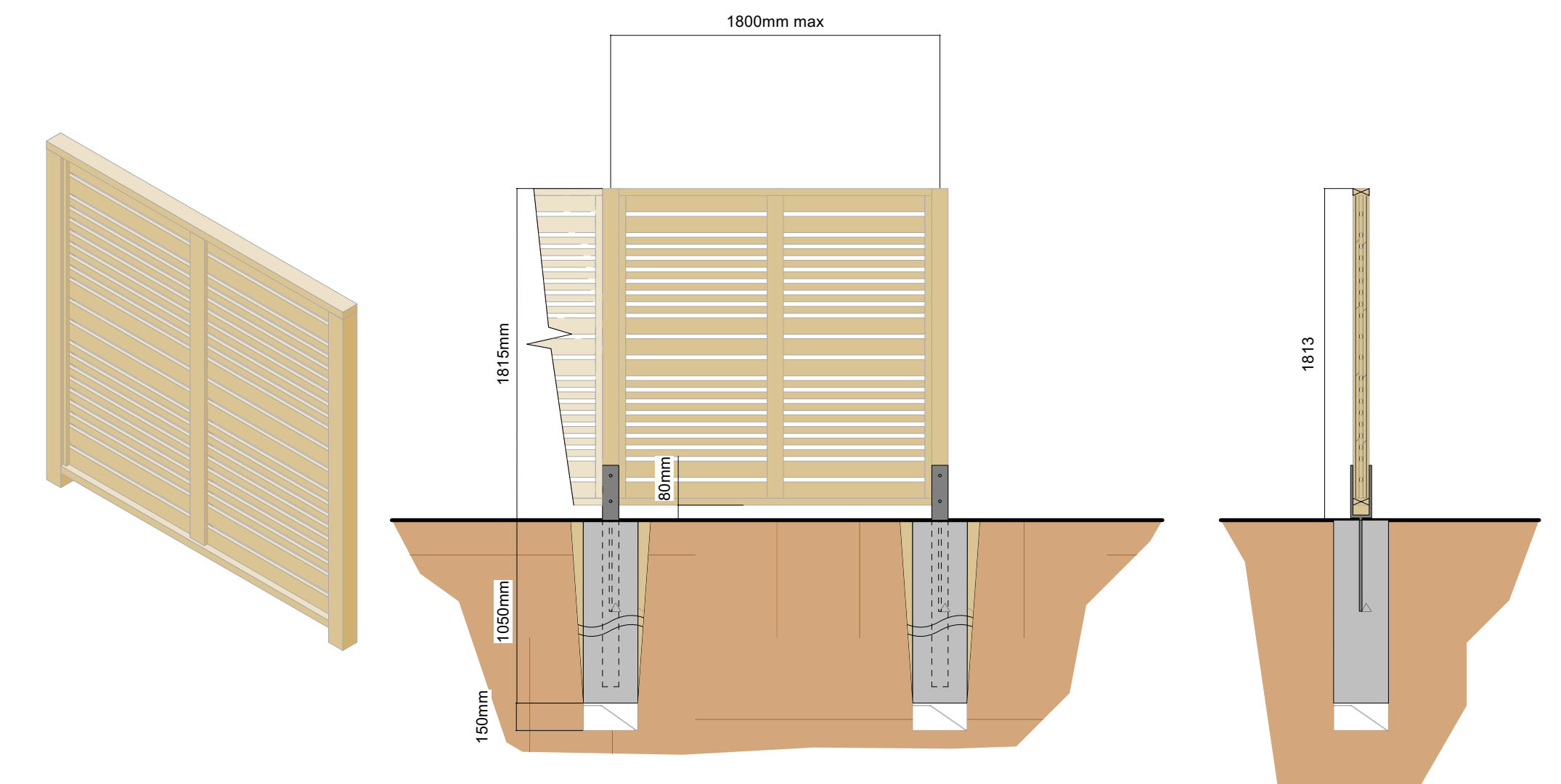
564 Fifth St Nanaimo | Tree Management Plan



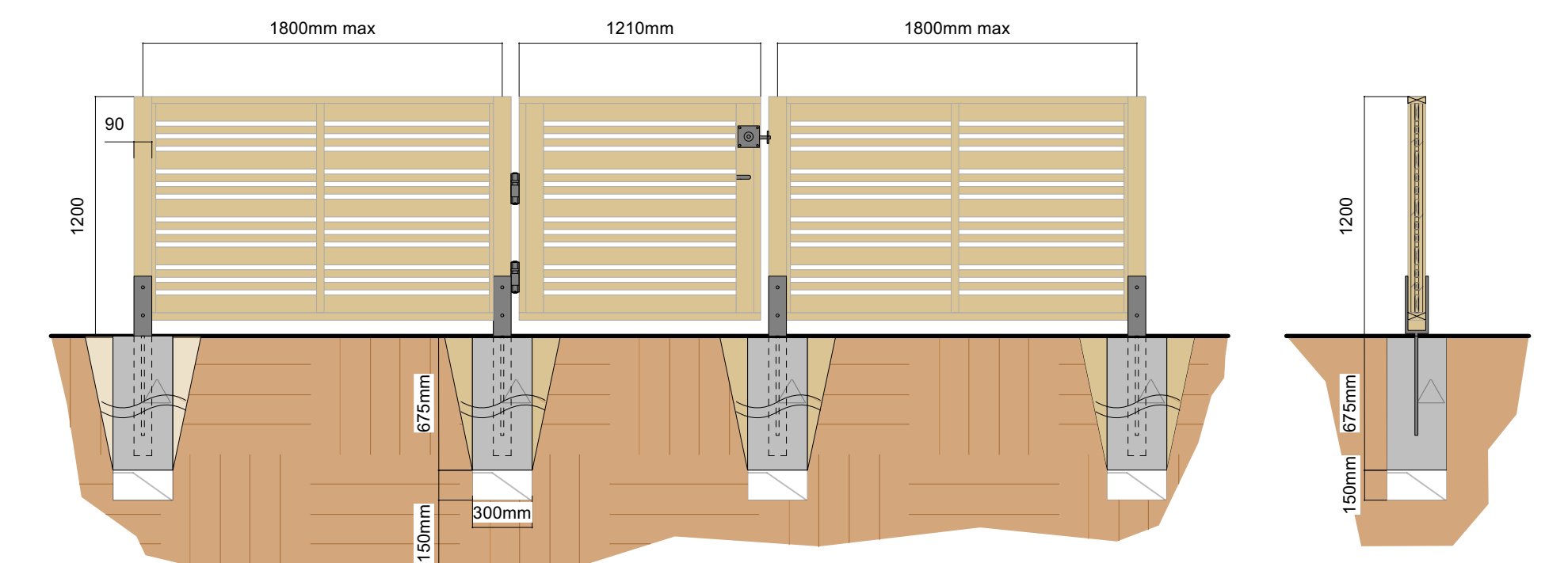


### Soil Depth Legend:

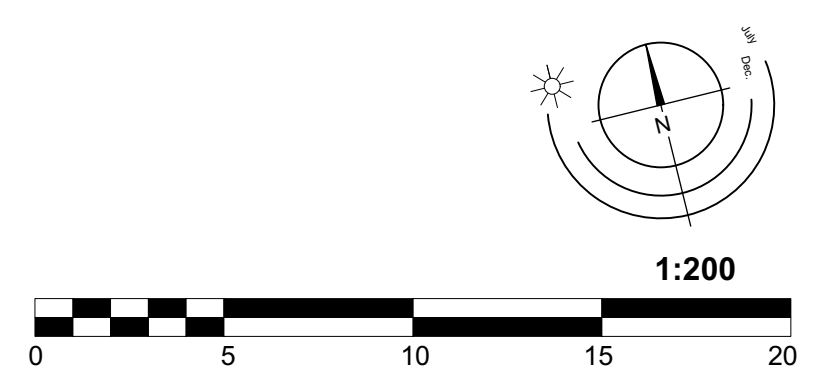
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|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <span style="display:inline-block; width:15px; height:15px; background-color:lightpink; border:1px solid black;"></span>   | 250 mm Soil Depth over Subgrade (Grass Lawn)                                     |
| <span style="display:inline-block; width:15px; height:15px; background-color:magenta; border:1px solid black;"></span>     | 350mm Soil Depth over Structure (Grass Lawn)                                     |
| <span style="display:inline-block; width:15px; height:15px; background-color:lightpurple; border:1px solid black;"></span> | 350 mm Soil Depth over Subgrade (Meadow Mix)                                     |
| <span style="display:inline-block; width:15px; height:15px; background-color:purple; border:1px solid black;"></span>      | 400 mm Soil Depth over Structure (Meadow Mix)                                    |
| <span style="display:inline-block; width:15px; height:15px; background-color:lightblue; border:1px solid black;"></span>   | 650 mm Soil Depth over Subgrade (Shrubs #3 or larger)                            |
| <span style="display:inline-block; width:15px; height:15px; background-color:blue; border:1px solid black;"></span>        | 600mm Soil Depth over Structure (Shrubs #3 or large)                             |
| <span style="display:inline-block; width:15px; height:15px; background-color:green; border:1px solid black;"></span>       | 1100mm Soil Depth over Structure (Shrubs #3 or larger) - raised concrete planter |
| <span style="display:inline-block; width:15px; height:15px; background-color:red; border:1px solid black;"></span>         | 700mm Soil Depth Tree pits (1.8m dia.)                                           |
| <span style="display:inline-block; width:15px; height:15px; border-top:1px dashed red;"></span>                            | PROPERTY LINE                                                                    |
| <span style="display:inline-block; width:15px; height:15px; border-top:1px dashed blue;"></span>                           | UNDERGROUND PARKING                                                              |



1 1.8m Ht Wood Privacy fence with 4x4 post  
Scale: 1:30



2 1.2m Ht Wood Privacy fence with 4x4 post  
Scale: 1:30



# 564 Fifth St Nanaimo | Soil Volume Plan

L6/7



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