



1:250 10 19 m

## LANDSCAPE DESIGN rationale

### Landscape Design Concepts:

- Pedestrian and habitat connectivity
- Green infrastructure: Natural systems function to manage stormwater runoff
- Plant selection: drought resistant, fire-resistant, indigenous species. Habitat for pollinators which supports biodiversity
- Trees providing shade, clean air and sequester carbon
- Vegetation management: fire smart practices, reduction of fuel

### Places:

#### 1. THE PARK

- existing and proposed native trees
- low groundcovers or grass beneath the trees. The trees will be limited to a height of 2-5m allowing clear views through the site.
- paths
- elemental benches and picnic tables.

The park is proposed to be the pedestrian link into the site. The firehall historical conservation sign would be placed at the entrance into the park from Cumberland Avenue.

#### 2. STORMWATER MANAGEMENT

The bioswales will intercept, slowdown and filter the rainwater before it leaves the site.

#### 2a NORTH BIOSWALE/HEADWALL:

The bioswale will be planted with rushes and sedges to slow and clean the water. The meadow will be planted with grasses and wildflowers indigenous to the area with native plant regeneration encouraged.

#### 2b EAST BIOSWALE/BUFFER:

A mixed planting of evergreen trees, shrubs and groundcovers will provide stormwater management services, wildlife habitat and visual screening for the residents to the south.

#### 3. WEST BUFFER

- Trees and low plantings.

## PLANT PALETTE

Key	Botanical Name	Common Name	Plant Size
L	Large Medium Deciduous Trees		
Ac	Acacia macrocarpa	Big Leaf Maple	2.5m H
Ce	Cornus rubra	Spines White Winter Dogwood	5.0m H
Ca	Cornus alba	Common Dogwood	2.5m H
Pr	Prunus americana	Bitter Cherry	5.0m H
Ma	Malva fruticosa	Prairie Crab-apple	5.0m H
E	Evergreen Trees		
Tr	Taxus canadensis	Canadian Spruce	2.5m
Fr	Fraxinus pennsylvanica	Greenleaf Fraxinus	1.5m
Yp	Thuja occidentalis	Western Red Cedar	2.0m
ES	Evergreen Shrubs/Trees		
Ch	Chamaecyparis stricta	Spice	#1
Ma	Malva rosea	Cherry Blossom	#1
Pr	Prunella vulgaris	Spotted Fly	#1
Vi	Viburnum acerifolium	Evergreen Hysteria	#1
D	Deciduous Shrubs		
Tr	Trichostema aegyptium	Red Tipped Dogwood	#1
Ch	Chamaecyparis stricta	Common Spruce	#1
Ma	Malva rosea	Spice	#1
Pr	Prunella vulgaris	Spotted Fly	#1
Vi	Viburnum acerifolium	Evergreen Hysteria	#1
Ch	Chamaecyparis stricta	Spice	#1
Ma	Malva rosea	Red Oregon Grape	#1
P	Perennials		
Al	Aster multiflorus	Whorlweed	#1
Ne	Nepeta hirsuta	Catnip	4' 00"
Bl	Blue Salvia	Blue Sage	4' 00"
R	Riverbank		
Co	Carex stricta	Woolly Sedge	plugs
Sc	Scilla maritima	Bluebell	#1
Sp	Sparganium angustifolium	Sparganium	#1
St	Stachys palustris	Spotted Garden	#1



DATE	REV	REVISION
CONSULTANT		
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PROJECT		
<b>CUMBERLAND FIRE HALL</b> CUMBERLAND BC		
SHEET TITLE		
<b>LANDSCAPE CONCEPT PLAN</b>		
SCALE	DATE	
1:200	8-12-25	
DRAWN	VP	CHECKED
PROJECT NUMBER		
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