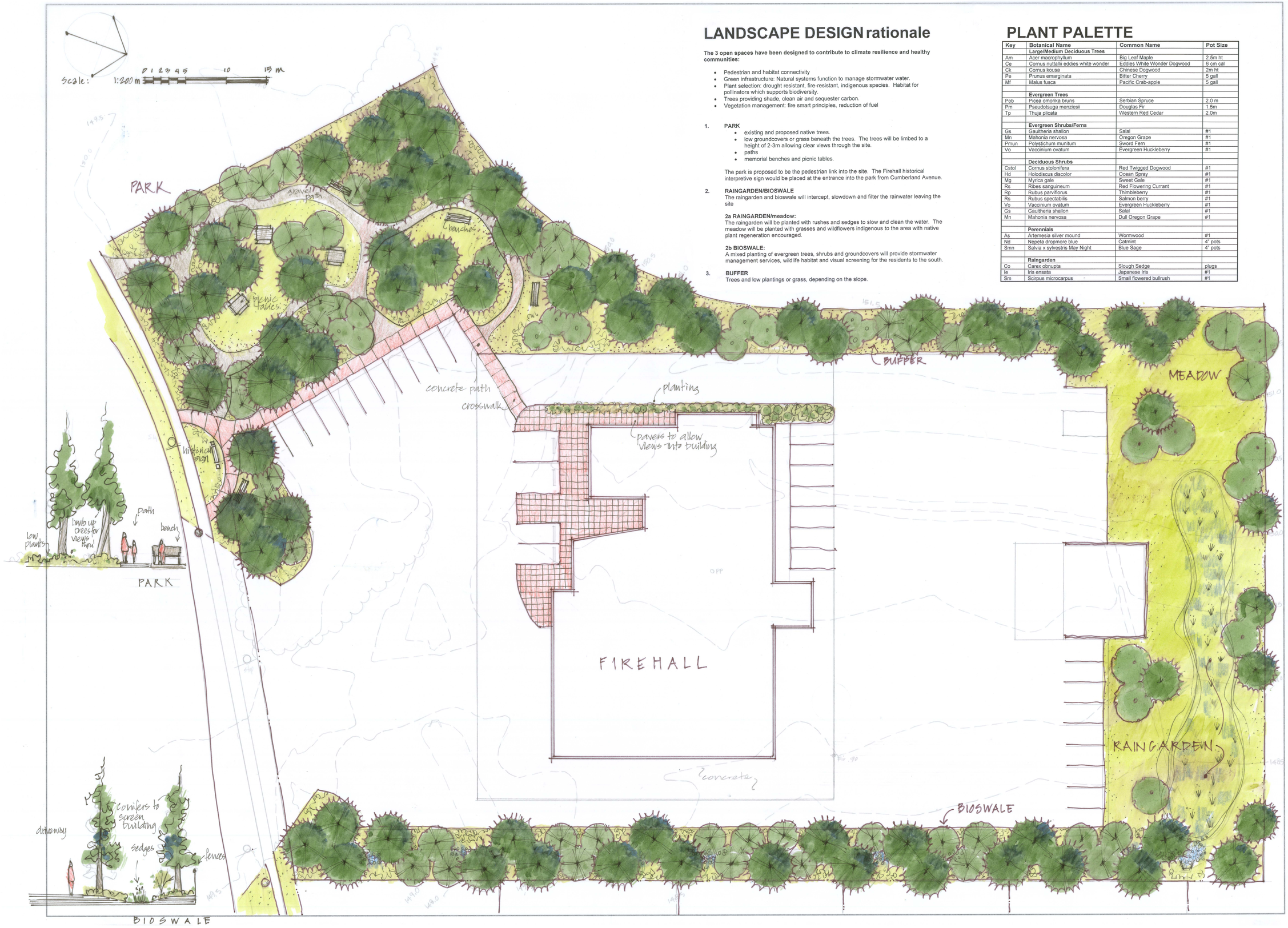

LANDSCAPE DESIGN rationale

The 3 open spaces have been designed to contribute to climate resilience and healthy communities:

- Pedestrian and habitat connectivity
- Green infrastructure: Natural systems function to manage stormwater water.
- 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 principles, reduction of fuel

1. **PARK**
   - existing and proposed native trees.
   - low groundcovers or grass beneath the trees. The trees will be limbed to a height of 2-3m allowing clear views through the site.
   - paths
   - memorial benches and picnic tables.

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

2. **RAINGARDEN/BIOSWALE**
   The raingarden and bioswale will intercept, slowdown and filter the rainwater leaving the site

   2a RAINGARDEN/meadow:
   The raingarden 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 BIOSWALE:
   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. **BUFFER**
   Trees and low plantings or grass, depending on the slope.

PLANT PALETTE

Key	Botanical Name	Common Name	Pot Size
	Large/Medium Deciduous Trees		
Am	Acer macrophyllum	Big Leaf Maple	2.5m ht
Ce	Cornus nuttallii eddies white wonder	Eddies White Wonder Dogwood	6 cm cal
Ck	Cornus kousa	Chinese Dogwood	2m ht
Pe	Prunus emarginata	Bitter Cherry	5 gall
Mf	Malus fusca	Pacific Crab-apple	5 gall
	Evergreen Trees		
Pob	Picea omorika bruns	Serbian Spruce	2.0 m
Pm	Pseudotsuga menziesii	Douglas Fir	1.5m
Tp	Thuja plicata	Western Red Cedar	2.0m
	Evergreen Shrubs/Ferns		
Gs	Gaultheria shallon	Salal	#1
Mn	Mahonia nervosa	Oregon Grape	#1
Pmun	Polystichum munitum	Sword Fern	#1
Vo	Vaccinium ovatum	Evergreen Huckleberry	#1
	Deciduous Shrubs		
Cstol	Cornus stolonifera	Red Twigged Dogwood	#1
Hd	Holodiscus discolor	Ocean Spray	#1
Mg	Myrica gale	Sweet Gale	#1
Rs	Ribes sanguineum	Red Flowering Currant	#1
Rp	Rubus parviflorus	Thimbleberry	#1
Rs	Rubus spectabilis	Salmon berry	#1
Vo	Vaccinium ovatum	Evergreen Huckleberry	#1
Gs	Gaultheria shallon	Salal	#1
Mn	Mahonia nervosa	Dull Oregon Grape	#1
	Perennials		
As	Artemesia silver mound	Wormwood	#1
Nd	Nepeta dropmore blue	Catmint	4" pots
Smn	Salvia x sylvestris May Night	Blue Sage	4" pots
	Raingarden		
Co	Carex obnupta	Slough Sedge	plugs
Ie	Iris ensata	Japanese Iris	#1
Sm	Scirpus microcarpus	Small flowered bullrush	#1

DATE	REV.	DESCRIPTION

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PROJECT

CUMBERLAND FIRE HALL

CUMBERLAND BC

SHEET TITLE

LANDSCAPE CONCEPT PLAN

SCALE 1:200 DATE 8.12.18

DRAWN VD CHECKED

PROJECT NUMBER

DRAWING NUMBER