



Z24-003 Eco Village Bylaw Amendment and Zoning

Odessa Cohen, Manager of Planning and Sustainability

Public Hearing

August 13, 2024

Agenda

1. Project Overview
2. Project Background
3. Eco Village Zoning
4. Next Steps
5. Q&A

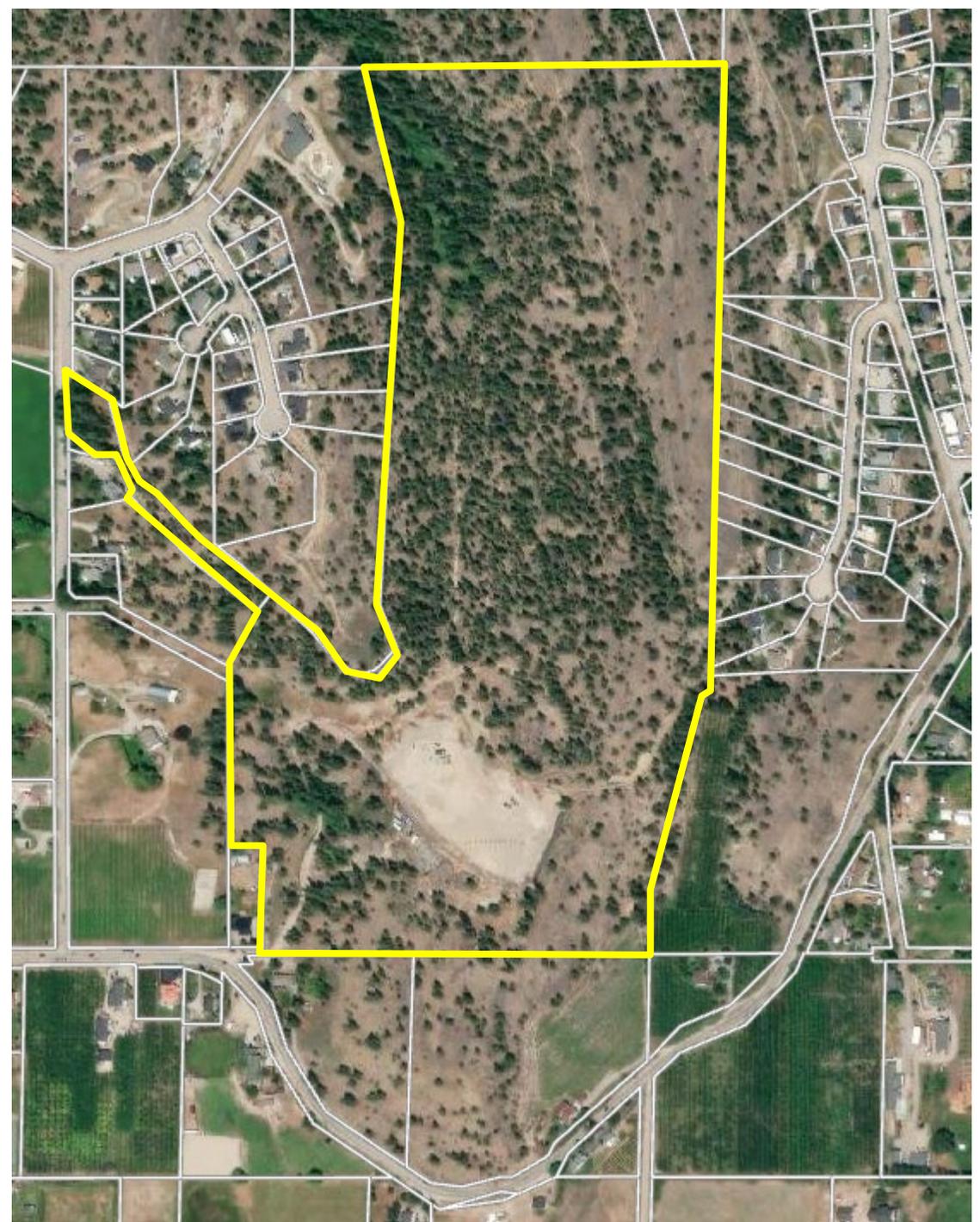




Project Overview

Site Location

- **Address:** 13501 Denike St
- **67 acres** of District-owned Land
- **Land-Use Zone:** Institutional (I)
- **OCP Designation:** Administrative (A)
- Within the Urban Growth Boundary



Eco Village Purpose and Intent

- Establishment of an environmentally sensitive residential development
 - Complements the existing solar site
 - Demonstrates sustainable residential development with a rural lens
- **67 acres** of District-owned land
 - **Over 50 acres** of land to be rezoned to Parkland
 - **11+ acres** of developable land
 - **100-200** units of medium density housing

Project Values

PROJECT VALUES

-  Working with First Nations and Indigenous perspectives
-  Protect, enhance, and restore natural features on-site
-  Create a sense of community
-  Build transportation connections to downtown and maintain and enhance existing trail networks
-  Plan for climate impacts
-  Provide mixed housing options

What Will The Eco-Village Provide?



Sewer Servicing



Housing



Climate Action



Recreational Trails



Environmentally Sensitive Areas (ESA) Protection



Project Background

Project Timeline

WORK TO DATE

NEXT STEPS



We are HERE!

Site Conditions

- Largely undeveloped but surrounded by residential development
- Summerland Energy Centre is at the toe of Cartwright Mountain
- Extensive trail system used by recreational users
- Environmentally Sensitive Areas of ESA-1 and ESA-2



Site Assessments

- Environmental Impact Assessment
- Wildfire Hazard Report
- Penticton Indian Band Cultural Heritage Assessment
- Additional work support by engineering, planning, urban design and environmental expertise



Public Engagement



Eco Village Zoning

Proposed Zoning

- Comprehensive Development (CD) Zone is being utilized
- Medium Density Residential Development (23-60 units/ha)
– **100-200 dwelling units**
- Supported by the Design Guideline (in progress) and Conceptual Plan (2022)

Bylaw Amendments	Existing	Proposed
OCP	<ul style="list-style-type: none"> • Administrative (A) • Low Density Residential (LDR) 	<ul style="list-style-type: none"> • Medium Density Residential (MDR) • Parks (P)
Zoning	<ul style="list-style-type: none"> • Institutional (I) • Residential Sub-Urban (RU3) 	<ul style="list-style-type: none"> • CD9 • Parkland (P)

Site Regulations

- Passive Solar
- Landscape retention and site permeability
- Requirements for Energy Step Code and Zero Carbon Step Code
- Minimizing site parking
- Compact Development



Environmental Considerations

- **Building Design and Form**
 - Compact development
 - LEED-ND
 - Zoning
 - Design Guideline
- **Climate resilience and emission reductions**
 - Landscape retention
 - Building design and form
 - FireSmart
- **Environmentally Sensitive Areas (ESA's)**
 - Parkland zoning
 - Avoidance of development on ESA-1 lands
- **Infrastructure**
 - Envision Framework



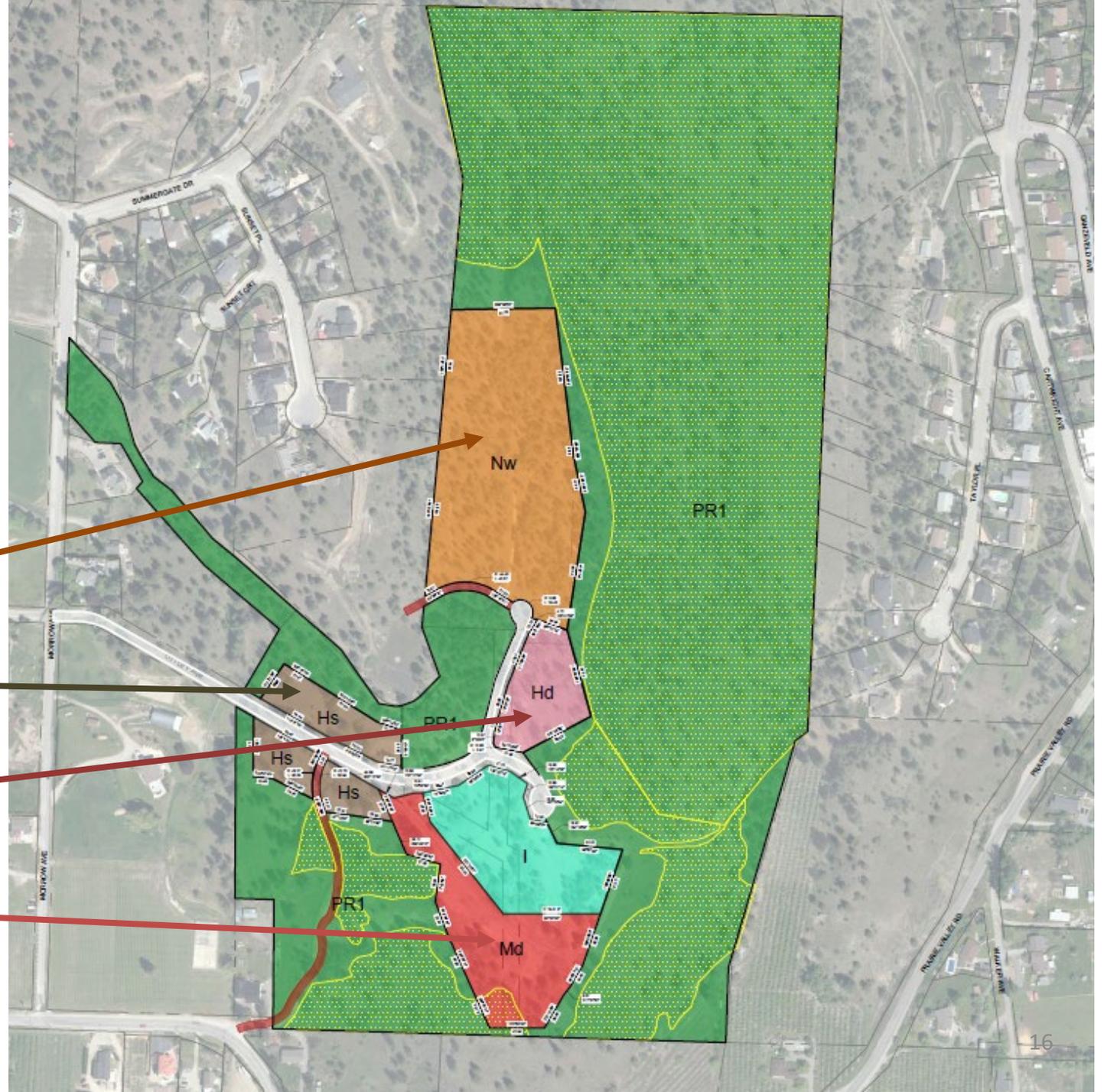
Sub-area mapping

NeighbourWood (NW)

Hillside (Hs)

High Density (HD)

Mixed Density (MD)



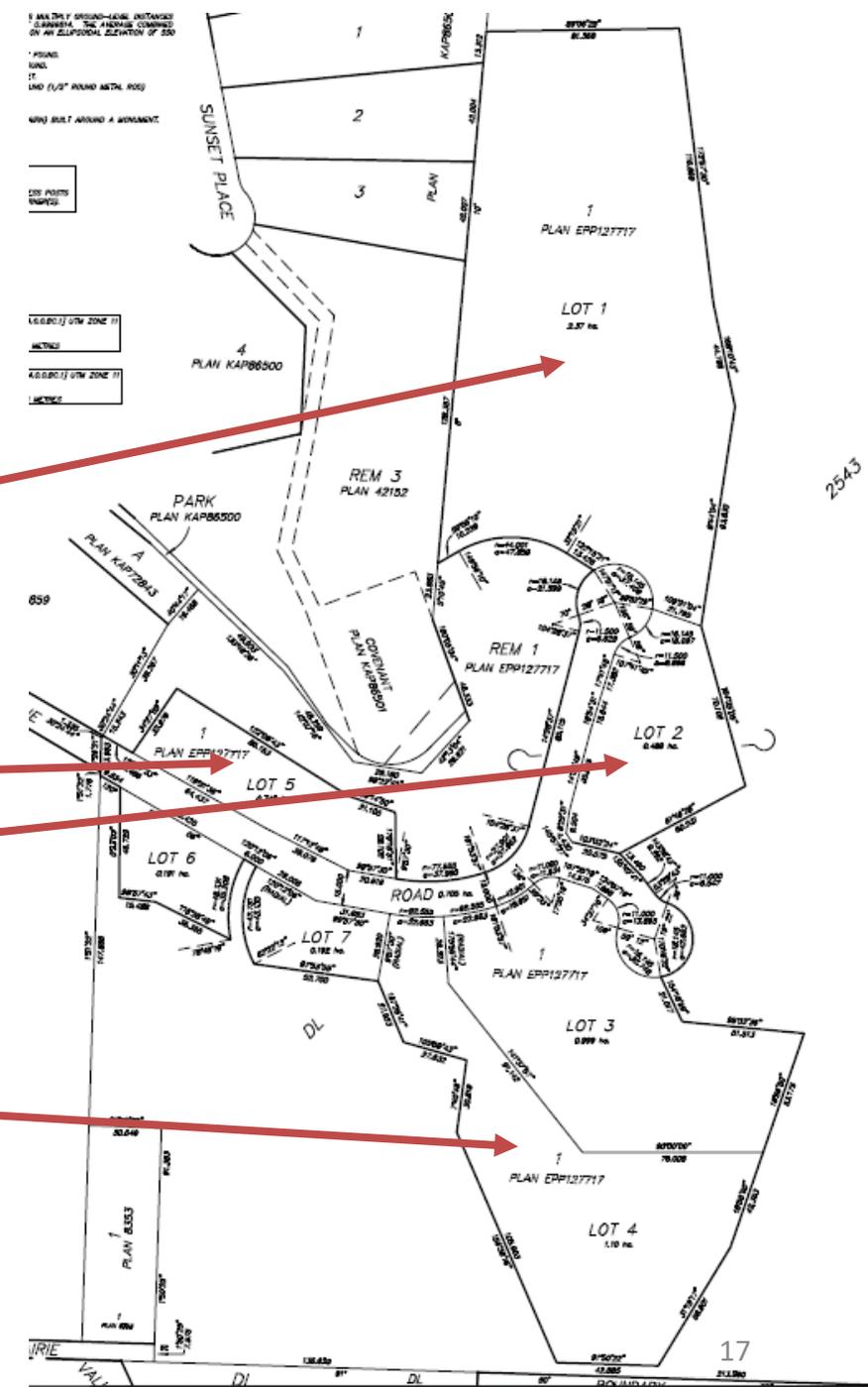
Subdivision Plan

Neighbourhood: 2.37 ha (5.85 ac)

Hillside: 0.73 ha (1.8ac)

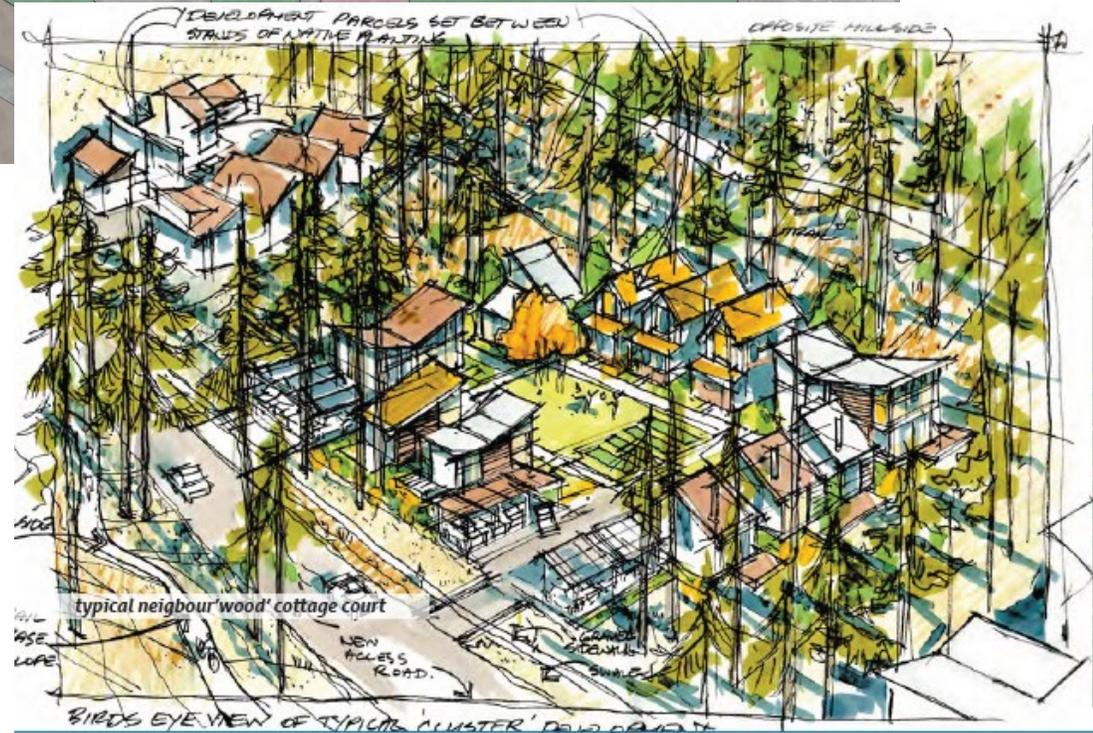
High Density: 0.49 ha (1.2 ac)

Mixed Density: 1.10ha (2.7 ac)



NeighbourWood (Nw)

- ~ 2.37 ha (5.85 ac)
- Cluster housing style
- Housing footprint: 150 sq m to 200 sq m
- Maximum 2 storeys
- Strata/Subdivision



Hillside (Hs)

- ~0.73 ha (1.8ac)
- Housing footprint: 125 sq m-175 sq m
- Street parking supported
- Up-slope 3 storeys; Down-slope 2 storeys
- Strata



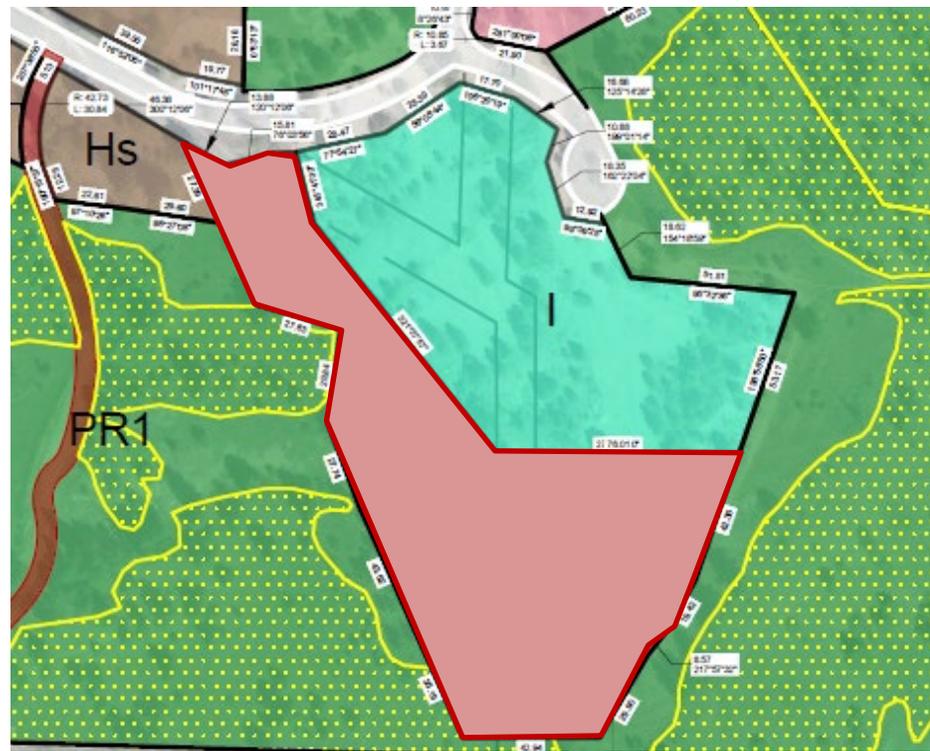
High Density (Hd)

- ~0.49 ha (1.2 ac)
- Apartment buildings up to 4 storeys
- Commercial permitted as an accessory use
- Strata



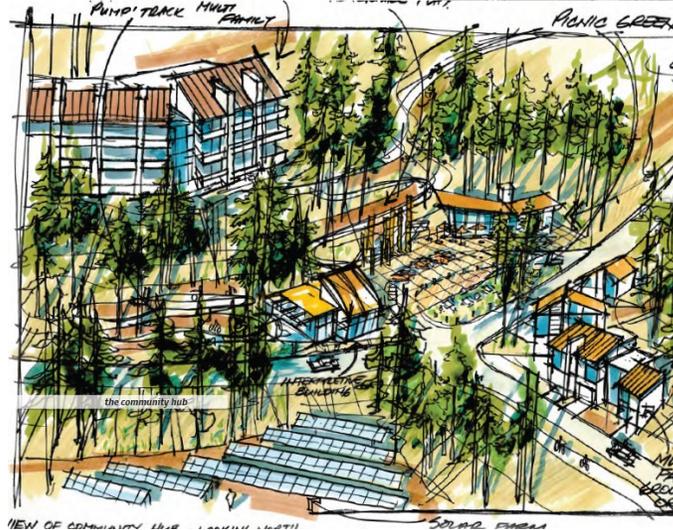
Mixed Density (Md)

- ~1.10ha (2.7 ac)
- Mix of apartment and townhouses
- Apartment: Max 4 storeys
- Townhomes: Max 3 storeys
- Strata/subdivision



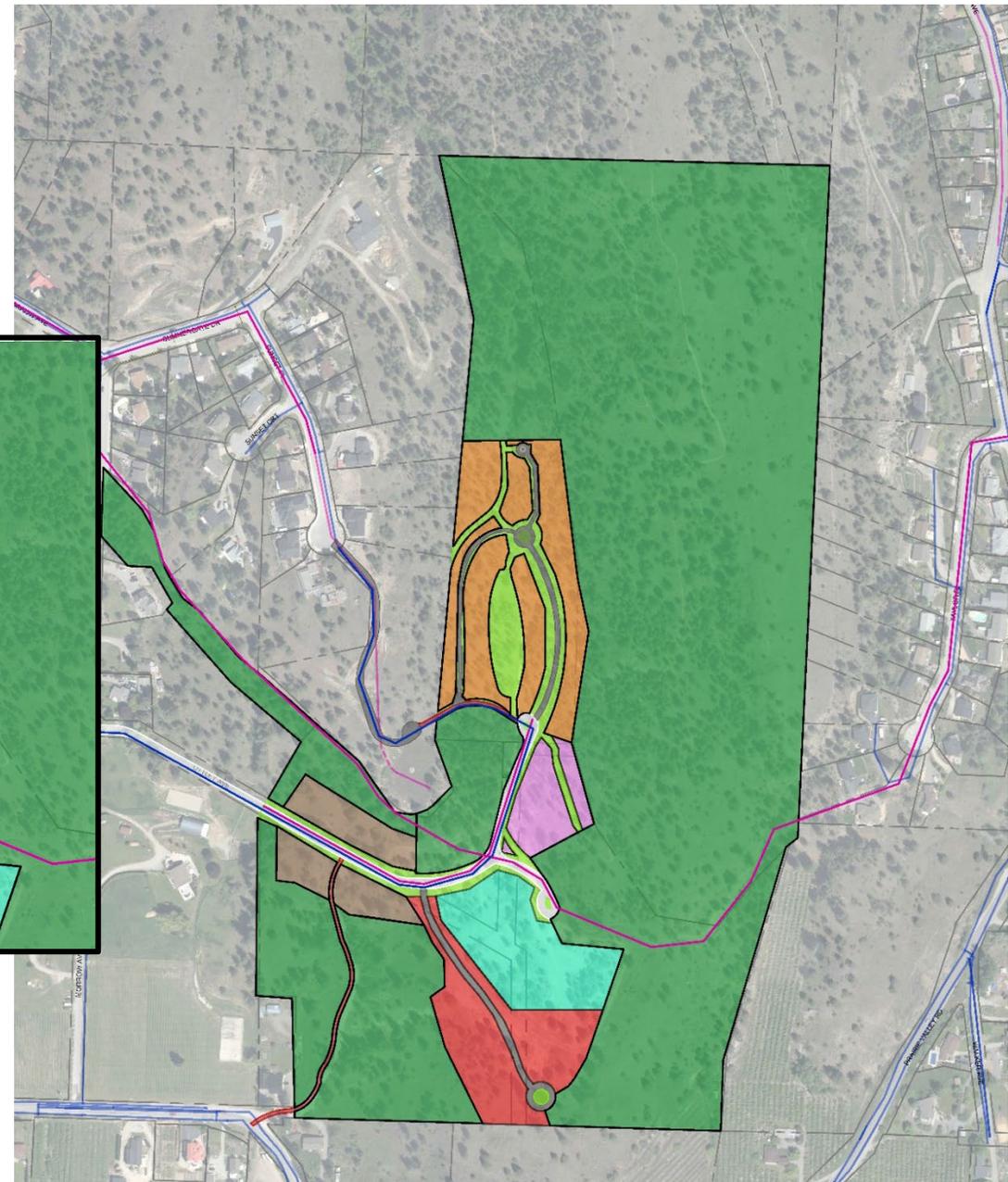
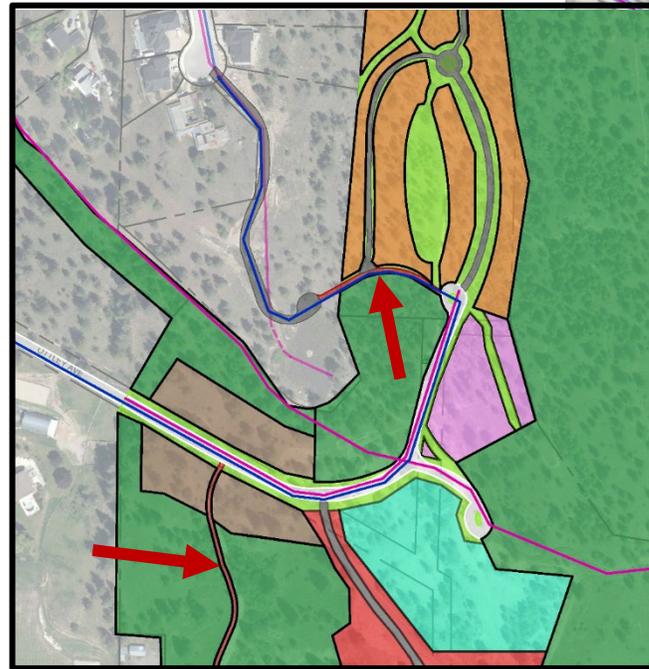
Parks and Trails

- 'Community Hub' to be established for public gathering
- Maintenance of the pumptrack
- Stormwater management on-site
- Trailhead development
- Retention and re-development of trails across the site



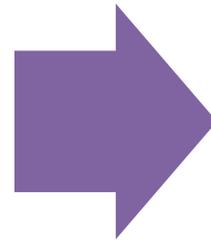
Infrastructure

- Future sewer and water connections
- Public roads will be upgraded by developer
- Internal roads developers responsibility
- Emergency access roads are proposed for secondary access out of the site



Next Steps

Summer 2024
Finalize Zoning and
Subdivision



Fall & Winter 2024
Design Guideline
refined &
Land Sale Process