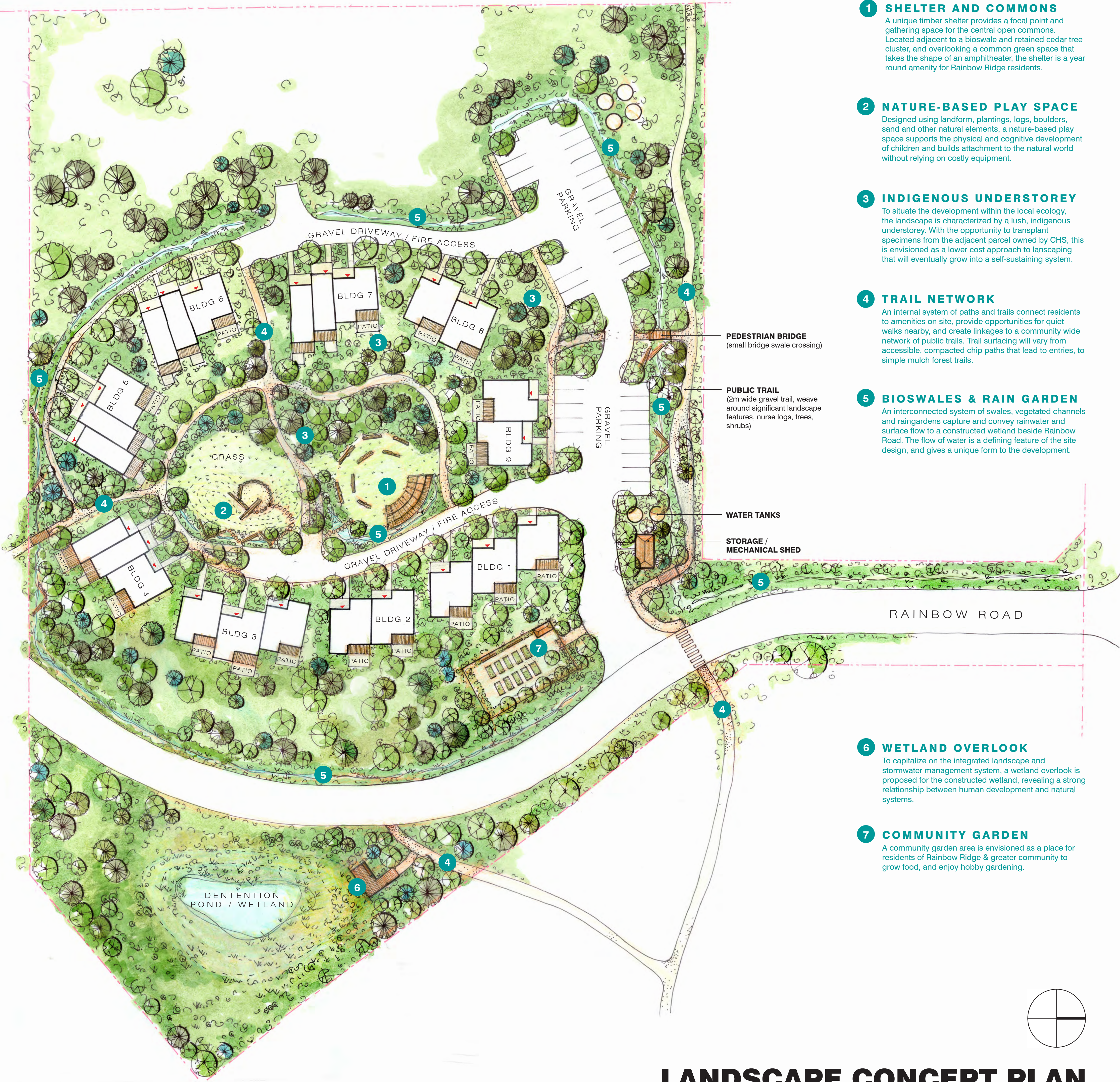


RAINBOW RIDGE



1 SHELTER AND COMMONS
 A unique timber shelter provides a focal point and gathering space for the central open commons. Located adjacent to a bioswale and retained cedar tree cluster, and overlooking a common green space that takes the shape of an amphitheater, the shelter is a year round amenity for Rainbow Ridge residents.

2 NATURE-BASED PLAY SPACE
 Designed using landform, plantings, logs, boulders, sand and other natural elements, a nature-based play space supports the physical and cognitive development of children and builds attachment to the natural world without relying on costly equipment.

3 INDIGENOUS UNDERSTOREY
 To situate the development within the local ecology, the landscape is characterized by a lush, indigenous understorey. With the opportunity to transplant specimens from the adjacent parcel owned by CHS, this is envisioned as a lower cost approach to landscaping that will eventually grow into a self-sustaining system.

4 TRAIL NETWORK
 An internal system of paths and trails connect residents to amenities on site, provide opportunities for quiet walks nearby, and create linkages to a community wide network of public trails. Trail surfacing will vary from accessible, compacted chip paths that lead to entries, to simple mulch forest trails.

5 BIOSWALES & RAIN GARDEN
 An interconnected system of swales, vegetated channels and raingardens capture and convey rainwater and surface flow to a constructed wetland beside Rainbow Road. The flow of water is a defining feature of the site design, and gives a unique form to the development.

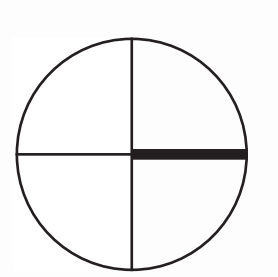
PEDESTRIAN BRIDGE
 (small bridge swale crossing)

PUBLIC TRAIL
 (2m wide gravel trail, weave around significant landscape features, nurse logs, trees, shrubs)

WATER TANKS
STORAGE / MECHANICAL SHED

6 WETLAND OVERLOOK
 To capitalize on the integrated landscape and stormwater management system, a wetland overlook is proposed for the constructed wetland, revealing a strong relationship between human development and natural systems.

7 COMMUNITY GARDEN
 A community garden area is envisioned as a place for residents of Rainbow Ridge & greater community to grow food, and enjoy hobby gardening.



LANDSCAPE CONCEPT PLAN

DESIGN PRECEDENTS



01 Common area timber shelter



02 Common area curved shaped shelter



03 Logs and boulders for play



04 Sand and logs for play



05 Logs for play



06 Indigenous understorey



07 Retention of existing landscape features



08 Bioswale

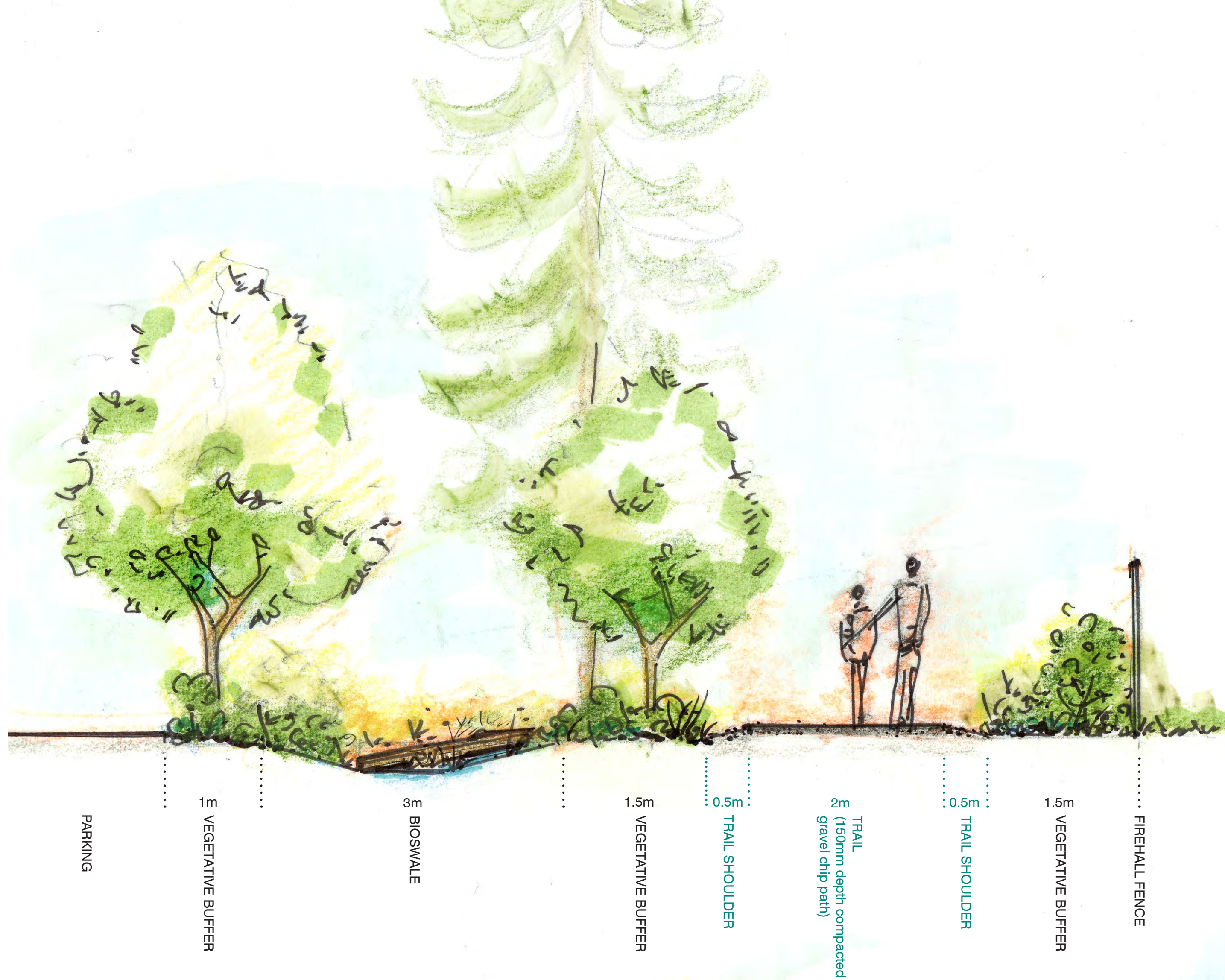


09 Bioswale with bridge crossing

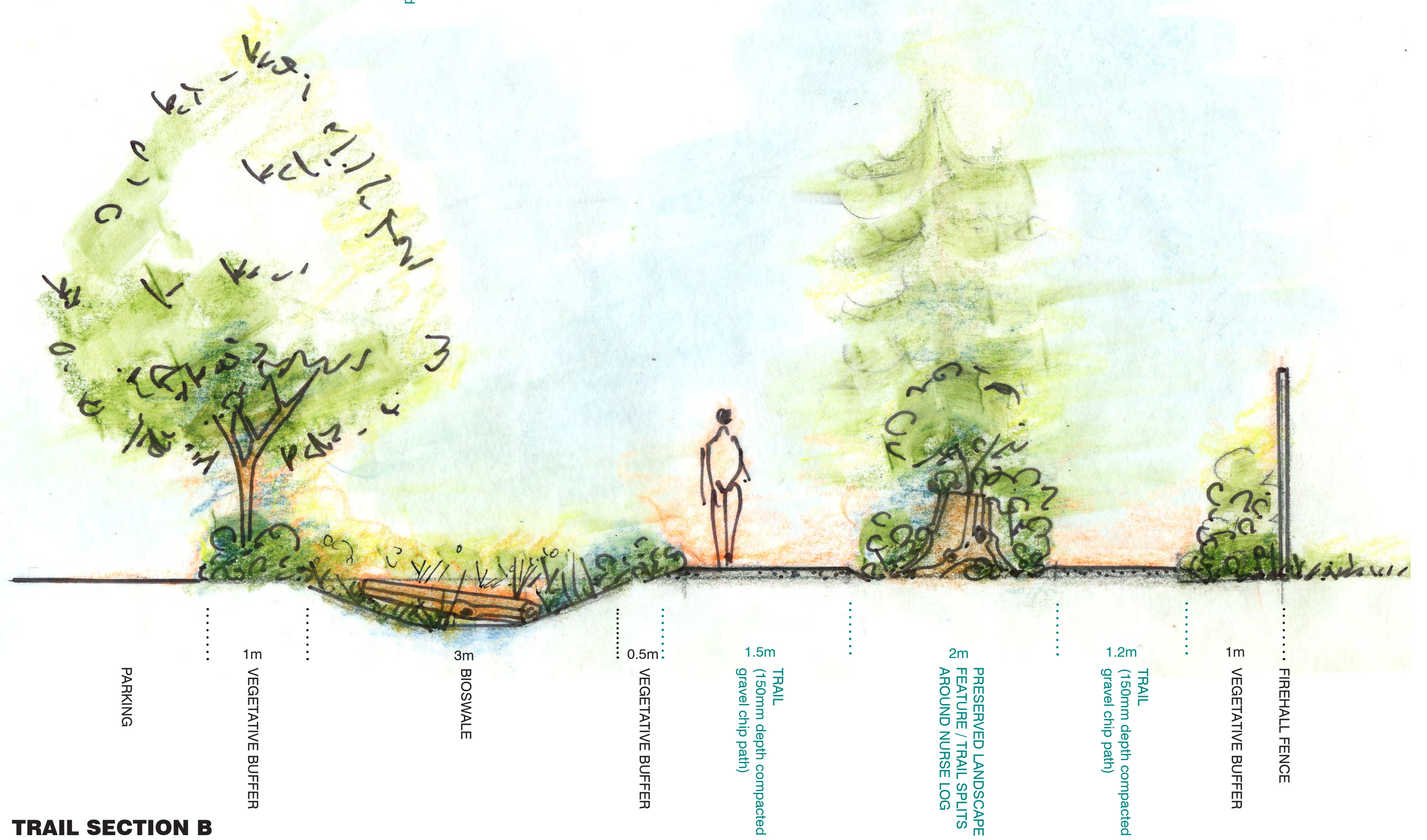


10 Wetland with overlook

RAINBOW RIDGE



TRAIL SECTION A
SCALE 1:25



TRAIL SECTION B
SCALE 1:25

RAINBOW RIDGE PUBLIC TRAIL

DESIGN PRECEDENTS



11 Wetland overlook / common area shelter



12 Wetland overlook



13 Community garden



14 Community garden



15 Log benches



16 Bollards











17 Bollard lighting



18 Reuse felled trees for site features

RAINBOW RIDGE










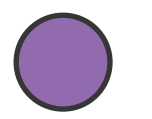
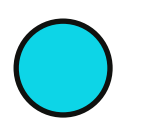
LEGEND

-  **Primary Path**
Major circulation route, accessible, public, connects to amenities on and off-site
-  **Secondary Path**
Minor circulation route, internal, semi-private, varied surfacing
-  **Potential Path**
Potential trails for future consideration around wetland and outside Rainbow Ridge right-of-way
-  **Bioswale**
2.6m wide vegetated channel to capture and slowly convey rainwater across the site
-  **Vegetated Channel**
Narrow, ephemeral channel to intercept and move rainwater and overland flow
-  **Subsurface Piping**
Pipe connections between swales and raingardens
-   **Raingarden**
Vegetated depressions for water to collect, infiltrate and support lush plantings



01 WATER & CIRCULATION

LEGEND

-  **Community Connections**
Pedestrian connections to the community and existing trail network
-  **Internal Circulation**
Pedestrian walkways within Rainbow Ridge development
-  **Potential Trails**
Future trails for consideration around wetland and outside Rainbow Road right-of-way
-  **Selective Tree Retention Area**
Areas within the developed area where opportunities to retain trees are to be assessed and considered
-  **Tree Protection Areas**
Areas outside the main developed area where trees are to be protected
-  **Nature-based Play Space**
Local play area designed around natural elements, landform and planting
-  **Common Open Space**
Open grass area for gathering, activities and events
-  **Future Community Garden**
Garden plots available to Rainbow Ridge residents for food and hobby gardening
-  **Visual Terminus - Wayfinding**
Visual terminus to entry, opportunity for signage or entry feature
-  **Community Gathering Structure**
Simple wood structure to provide shelter from sun and rain, a place for eating, music, conversation and play
-  **Wetland Overlook**
Lookout adjacent to constructed wetland to observe nature within a constructed ecosystem



02 AMENITY SPACES