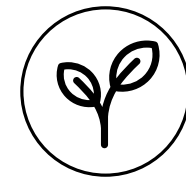


CENTRAL CONNECTOR STRATEGIES



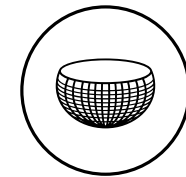
PLANTING - CAMPUS REWILDING

- Consider the larger ecological framework of the campus
- Overlay campus with ecological potential zones
- Forest, meadow, forest edge, wetland, foreshore.
- Native Planting
- Ethnobotanical Planting
- Informal Planting



RAINWATER

- Emphasize natural systems approach
- Identify lost streams / reveal
- Ecological infrastructure
- Reveal stormwater systems



INDIGENOUS KNOWLEDGE

- Musqueam place names for important places on campus
- Naming of special places i.e. gathering, ceremony
- Everyday places
- Traditional and experiential knowledge



ART ARCHITECTURE AND CRAFT

- Opportunities for Musqueam artists to showcase and collaborate
- Carving, weaving, etc.
- Gateway holding Musqueam / UBC graphic design
- Furnishings
- Art as forms in the landscape
- Cultural expression and art to the architecture of the public realm
- Materials, design, art, gathering places
- Walls, structures, trellis, campus, pavilion, lights, seating etc.



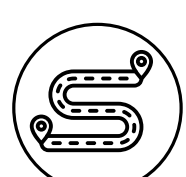
HARVESTING AND PLACES OF RITUAL

- Places that create collective memory;
- That creates strong community bond and sense of belonging;
- That evoke inspiration and spark conversation about the past, present and the future of the campus



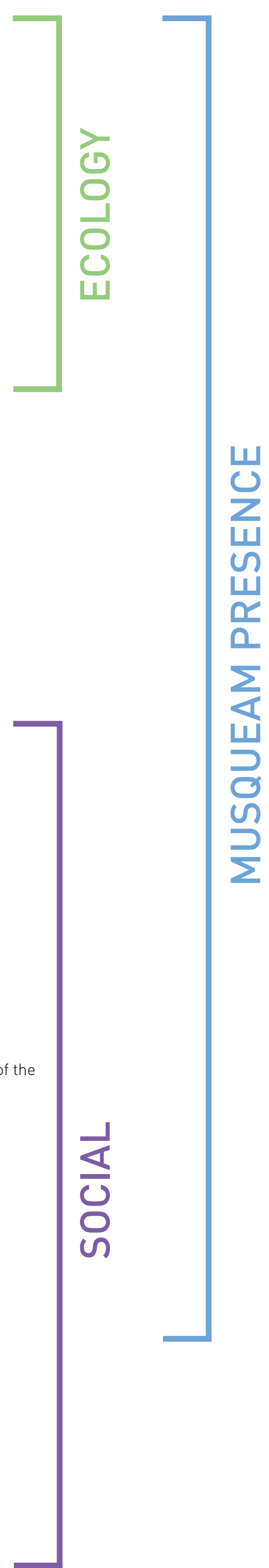
PLACES OF WELCOME

- Acknowledge land as Musqueam traditional unceded territory
- Musqueam to feel they belong
- Welcoming to all visitors to campus
- Celebrate UBC/Musqueam growing relationship



CONNECTING PATHWAYS

- UBC has a history of campus arboretum
- Demonstrations
- Routes and places of learning
- Landscape as outdoor laboratory
- Outdoor / classroom



STRATEGIES AND SCALES OF APPLICATION

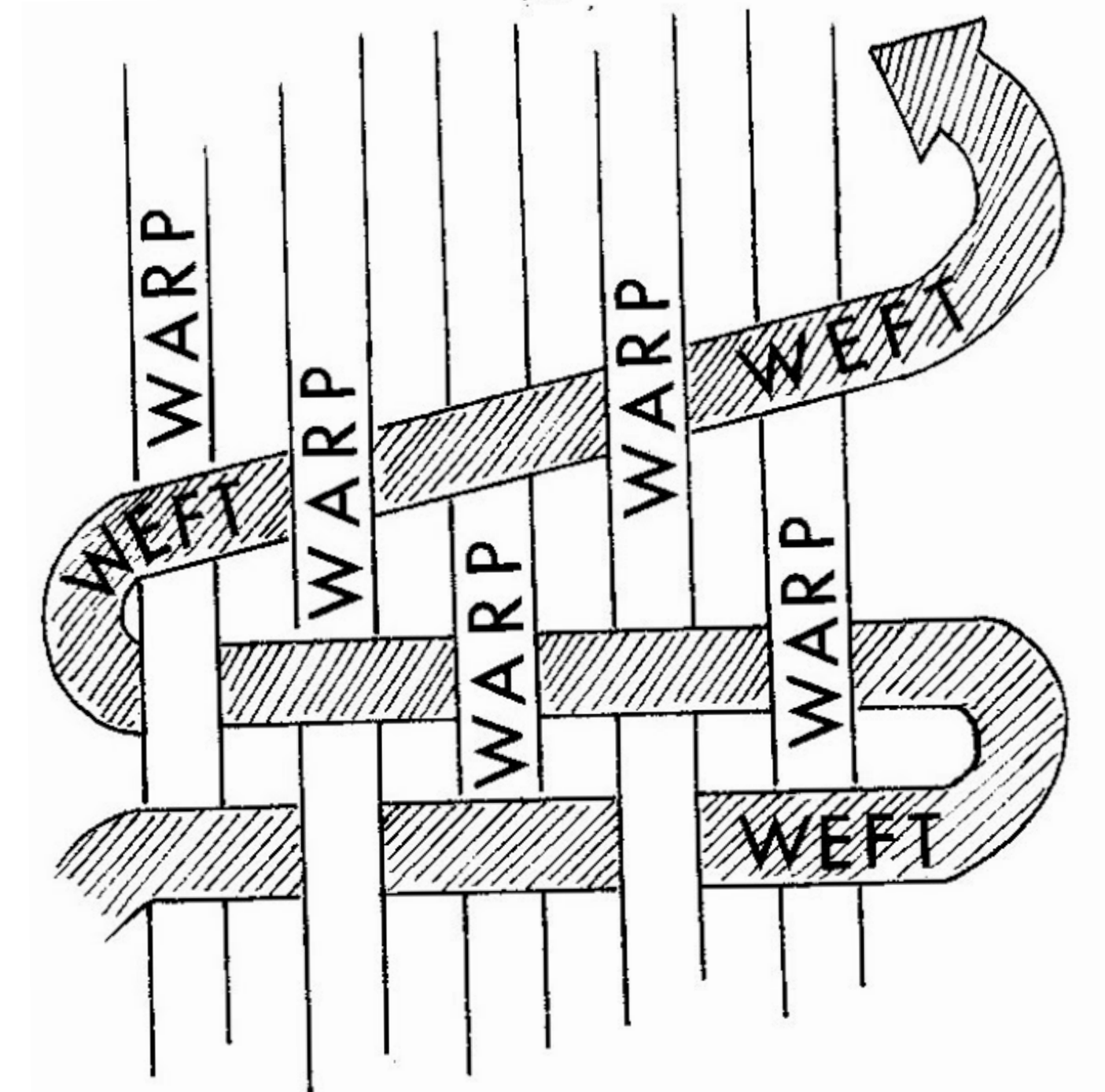
	Planting	Rainwater	Indigenous knowledge	Art, architecture and craft	Harvesting and places of ritual	Places of welcome	Connecting pathways
Campus scale							
Corridor scale							
Site scale							

BEATY BIODIVERSITY CENTRE ADDITION - STRATEGIES IMPLEMENTATION



● High ● Medium ● Low

CENTRAL CONNECTOR CONCEPT



WARP AND WEFT

Taking inspiration from Musqueam traditions, the proposed concept seeks to integrate the perpendicular, classic reticule of campus with organic forms of moving through the complex. Much like weaving, the wefts represented by the east to west meandering paths, look forward to connecting formal circulation routes with others that have been adopted by the users as a result of a need to move efficiently through the university. This concept represents a reconciliation between the urban reticule and the historical wilderness of the land.

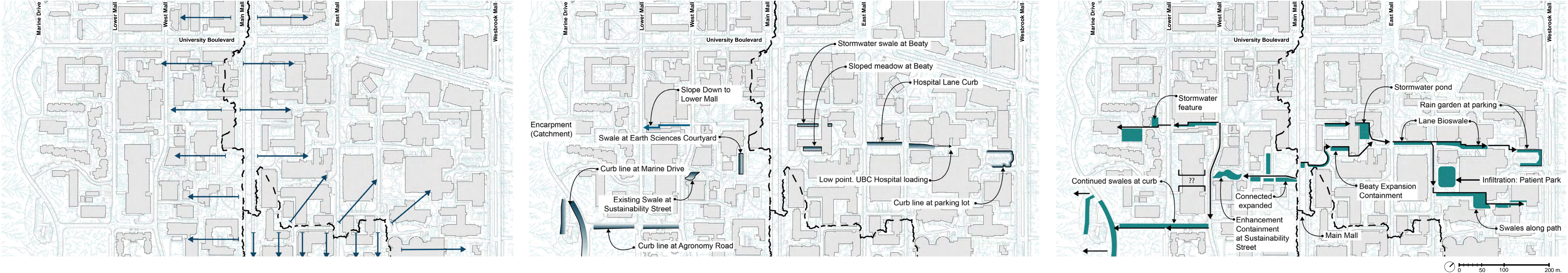
CENTRAL CONNECTOR

BIODIVERSITY, STORMWATER AND SOCIAL SPACES

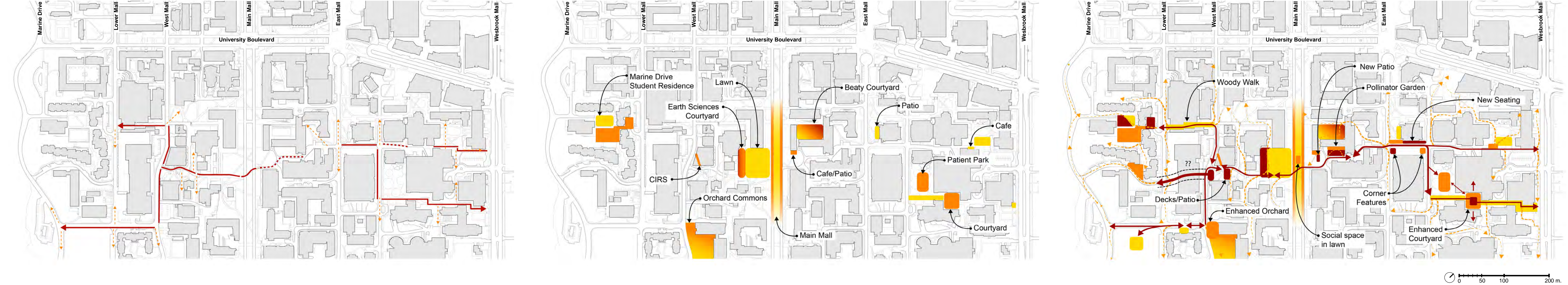
BIODIVERSITY SUPPORT



STORMWATER MANAGEMENT



CONNECTIVITY AND SOCIAL SPACES



CENTRAL CONNECTOR CONCEPTUAL SITE PLAN

Clearing in the Forest

The central lawn at Marine Residences is retained as a recreational space, but the surrounding turf lawn is replaced with groundcover and smaller deciduous groves that amplify the lawn as a clearing in a larger woodland, and provide ecological connections to the surrounding natural vegetation along Marine Drive.

Council Circle

As the former site of the Haida House now located at the Museum of Anthropology, the clearing at Totem Park in the middle of a grove of cedars provides a place of contemplation, ceremony and ritual at the edge of campus. A central 'contemplation circle' connect to paths that spiral off in several directions. New planting is proposed to rejuvenate the forest floor, and a special catenary lighting feature, suspended in the trees provides a magical moonlight glow in the centre of the forest.

Future Connection

The existing University Services Building massing and opacity is currently a major barrier to pedestrian movement between Lower Mall and West Mall, forcing pedestrians on a more circuitous route. Future redevelopment of the site that accommodates a central pedestrian corridor would unlock significant pedestrian connectivity between Marine Residences and the rest of campus.

Stormwater Street

Originally designed as a demonstration landscape adjacent to CIRS, Sustainability Street is rebranded as a functional stormwater collection and detention area, retaining many of the original swales and bridges. New features may include retention ponds with recirculated stormwater features, small social spaces adjacent to the space, and weather-protected 'rain pavilions' allowing visitors to witness stormwater activation in storm events. Universally accessible routes are integrated into the path network.

Orchard Commons

Located at the front lobby to Orchard Commons and on the former site of an old orchard, the proposed grove of fruiting trees provides a social space, a large pollinator bank for honey bees and insects, and a food source for the Commons kitchen, and a grouping of flowering cultivated trees that contrast with the coniferous forest immediately to the west.

High Medium Low

Main Mall

The Central Connector interacts with Main Mall by providing an enhanced collection of pathways across Main Mall, while also adopting the interstitial lawn areas as places for alternative landscape types. While no trees are proposed in the centre of the Mall, turf grass alternatives can be proposed here, as well as changes in topography (mounds, berms, swales, etc.) that deformalize the Beaux Arts gesture of the Mall. This location also represents the boundary between three watersheds of campus, that can be integrated into a social space.

Beaty Stormwater Pond

Originally proposed as part of the first phase of Beaty Biodiversity, this stormwater pond will function as a retention pond for rainwater collected from the museum roof, and will provide a unique riparian and semi-aquatic habitat for studies related to the Beaty biodiversity studies, and that compliment a range of other habitat types around the building.

4 Hospital Lane Promenade

Adjacent to the new Food and Beverage Innovation Centre, the Hospital Lane Promenade will become a pedestrian priority right-of-way, narrowing the roadway to a single lane and providing wider walkway on the north side of the Lane. Adjacent landscape to the Centre will feature a combination of Indigenous and non-native edible plants, some of which are utilized in the production of foods and beverages within the building.

East Gateway

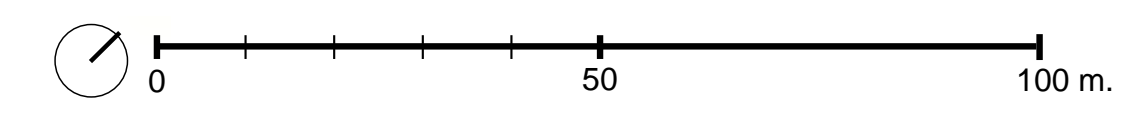
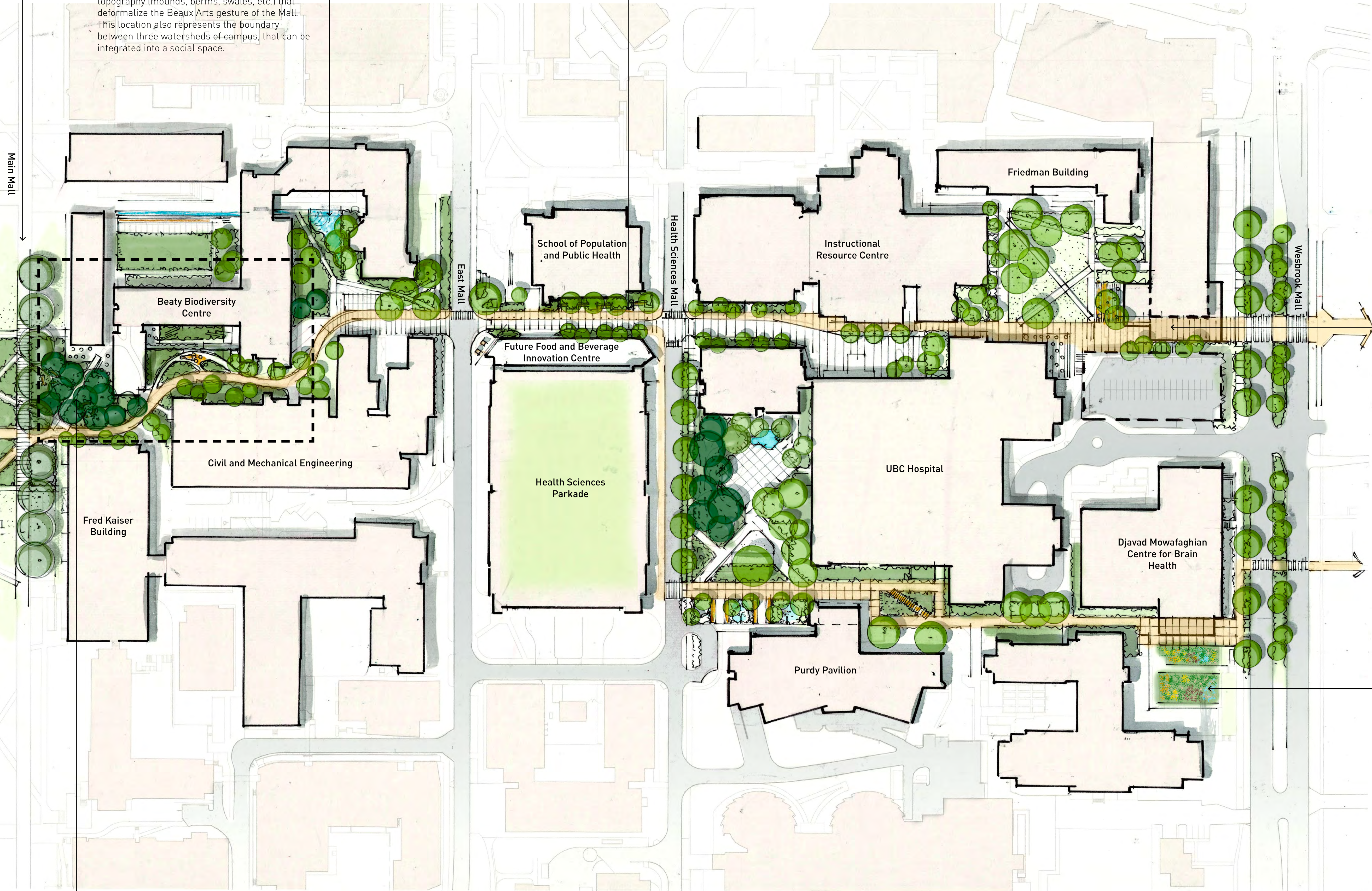
As part of future development opportunities, a new pedestrian route is proposed through the Dentistry Building that reinforces the quadrangle space, and brings new social spaces onto the quad on the east side. Accessibility is further improved through this new route, with further connectivity across Wesbrook Mall proposed connecting to King Road on the Endowment Lands properties to the east.

Medicinal Garden

Situated next to the Djavad Mowafaghian Brain Health Building this space is proposed as a conversion from a sterile turn lawn to a immersive meadow landscape that backs onto the bus stop pavilion, providing better pedestrian connectivity to transit, improved visual connectivity to Wesbrook Mall. As a gateway to the Health Sciences precinct, a medicinal plant species selection based in both Indigenous and Western knowledge - is proposed to provide a living laboratory for medical studies and a more ecologically productive planting strategy.

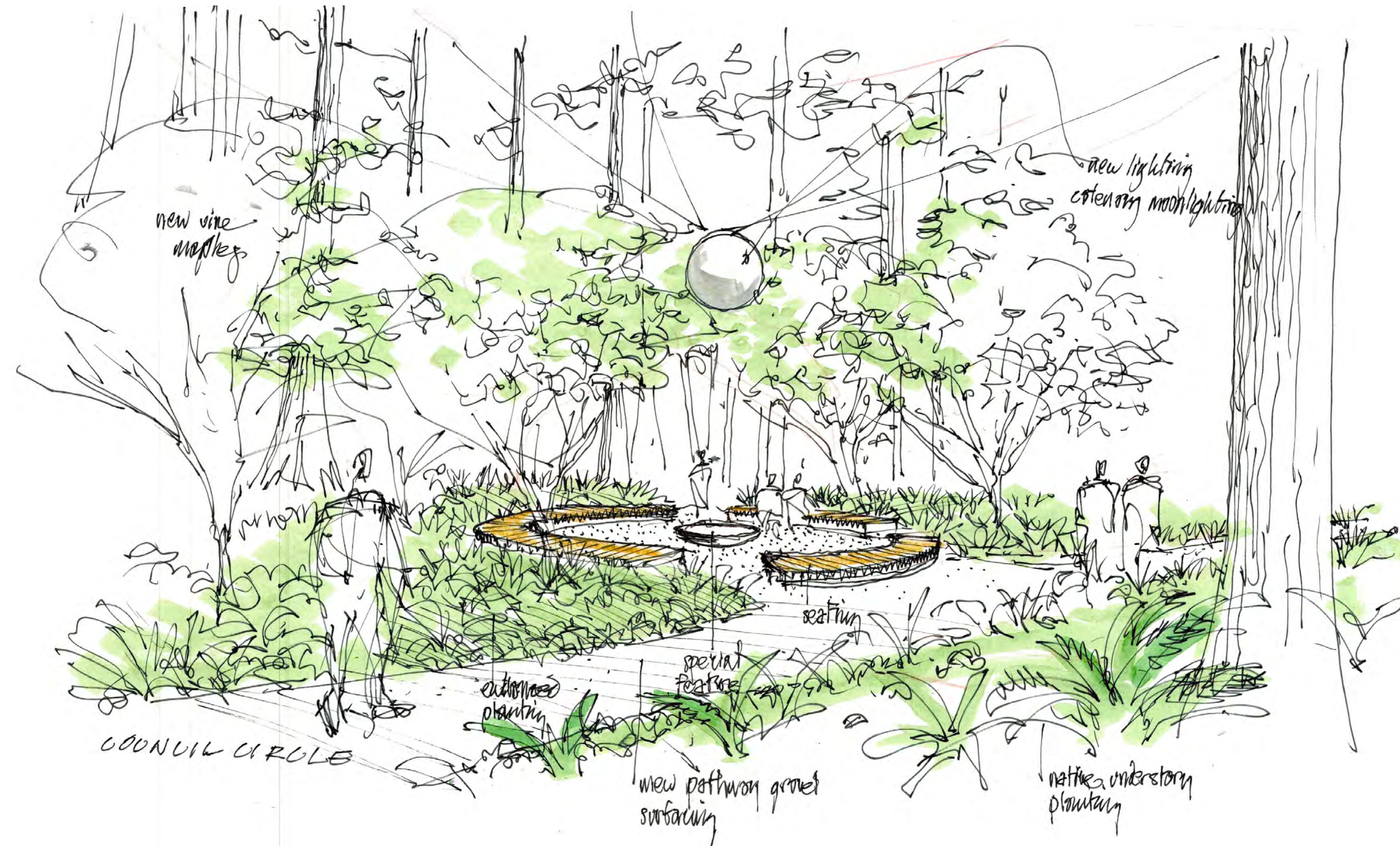
3 Fairview Grove

This existing stand of coniferous trees, was planted to commemorate the first location of the University in the Fairview area of Vancouver. The stand of trees also provides a deep shaded entry into the new Beaty expansion site, and a threshold for the café and outdoor patios to the north and east. Small outdoor niche classrooms are proposed in the Grove, along with replanting of the forest floor to improve habitat, infiltration and species diversity.



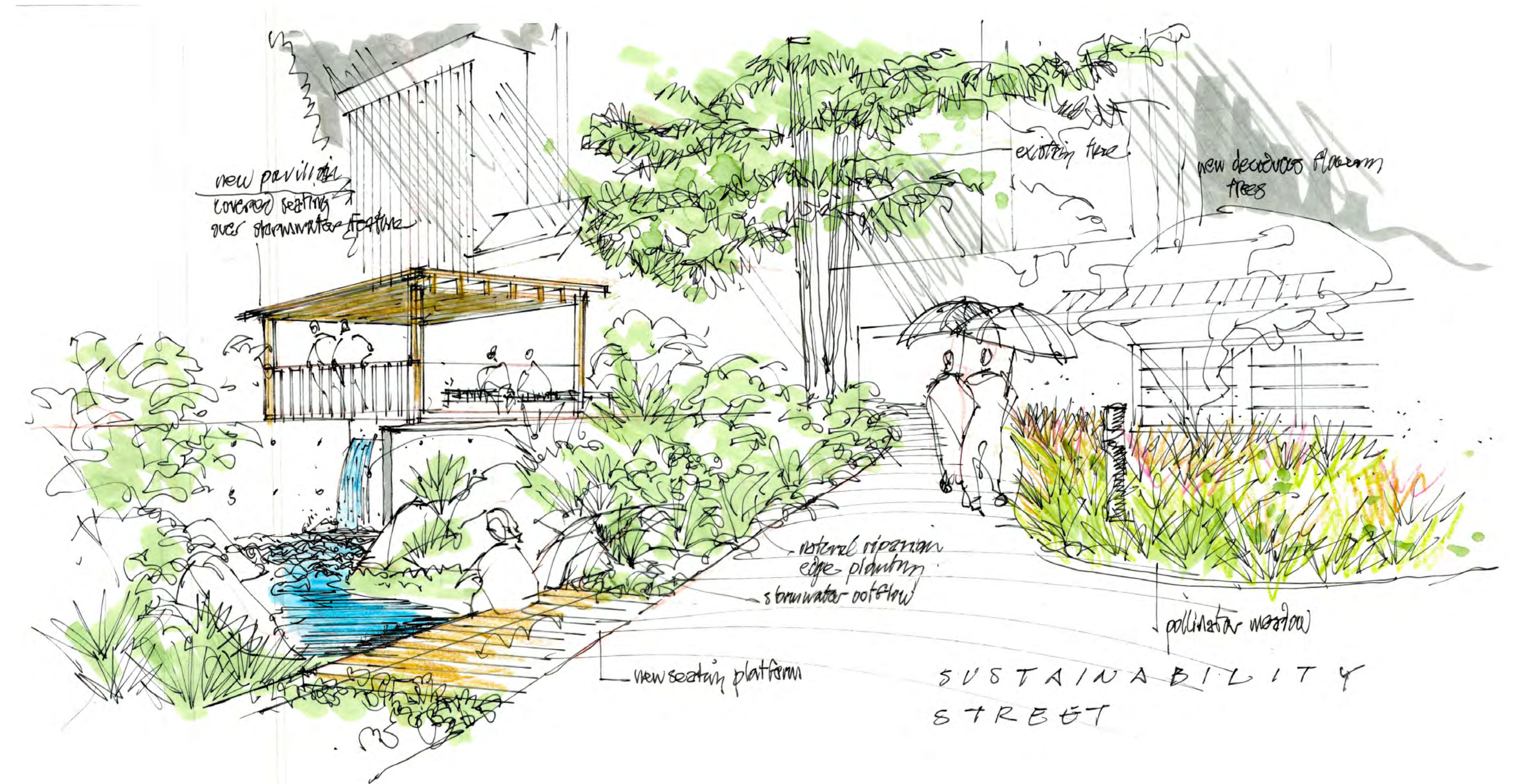
BEATY BIODIVERSITY CENTRE ADDITION POTENTIAL INTERVENTION SITES

1 TOTEM PARK



Council circle at Totem Park. The former site of the Haida House is transformed into a small social space that allows for the enjoyment of the Pacific Northwest forest ecology.

2 SUSTAINABILITY STREET



Stormwater street. The stormwater infrastructure becomes a functional and aesthetic element that allows the user to have a true connection with water.

Existing condition



Potential Values



Precedent images



Existing condition



Potential Values



Precedent images

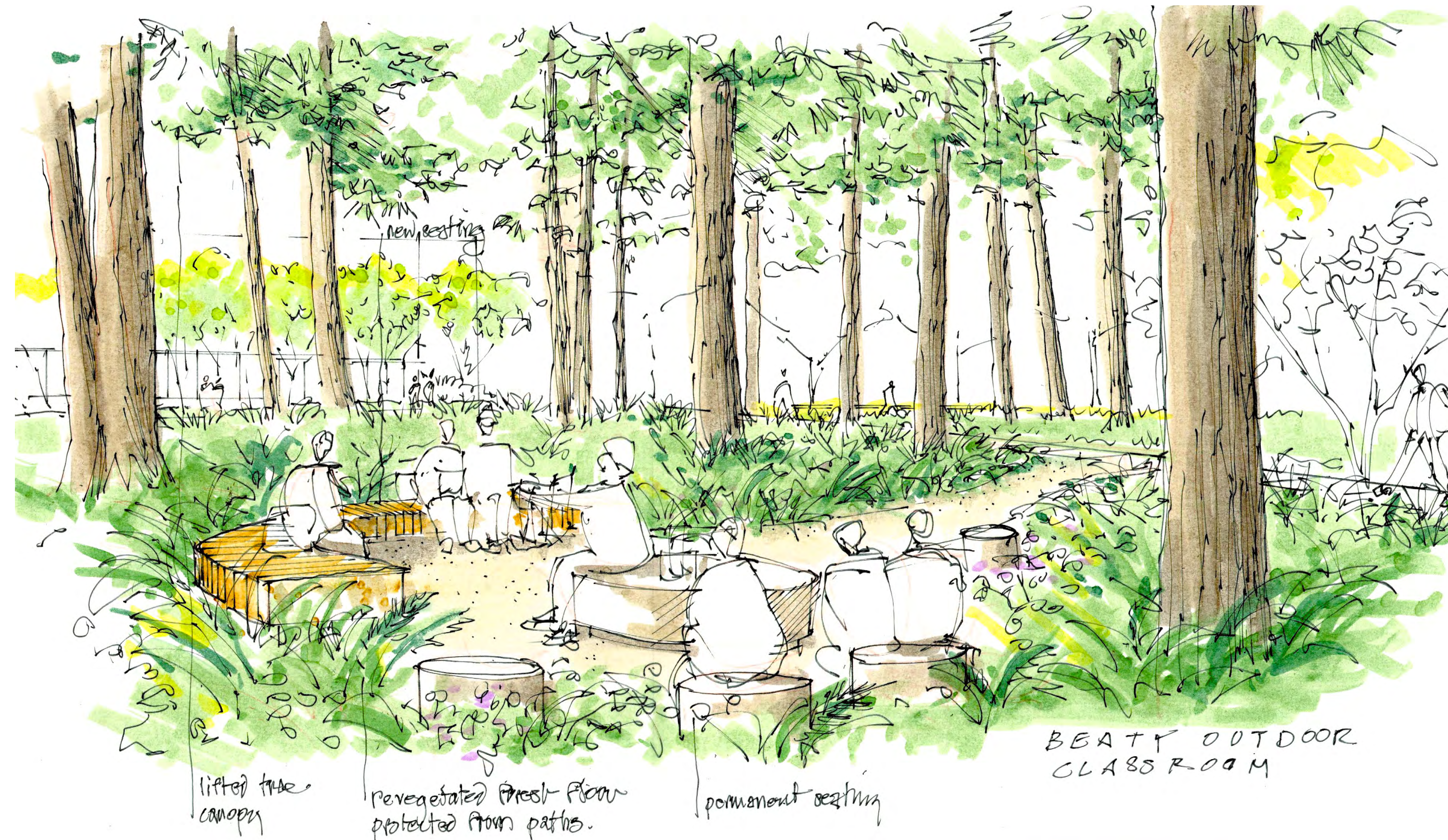


High Medium Low

CENTRAL CONNECTOR

POTENTIAL INTERVENTION SITES

3 FAIRVIEW GROVE



Outdoor classroom at Fairview Grove. Consistent with the idea of rewilding campus, the intention is to improve the Grove's condition and provide spaces for learning in a natural context.

Existing condition



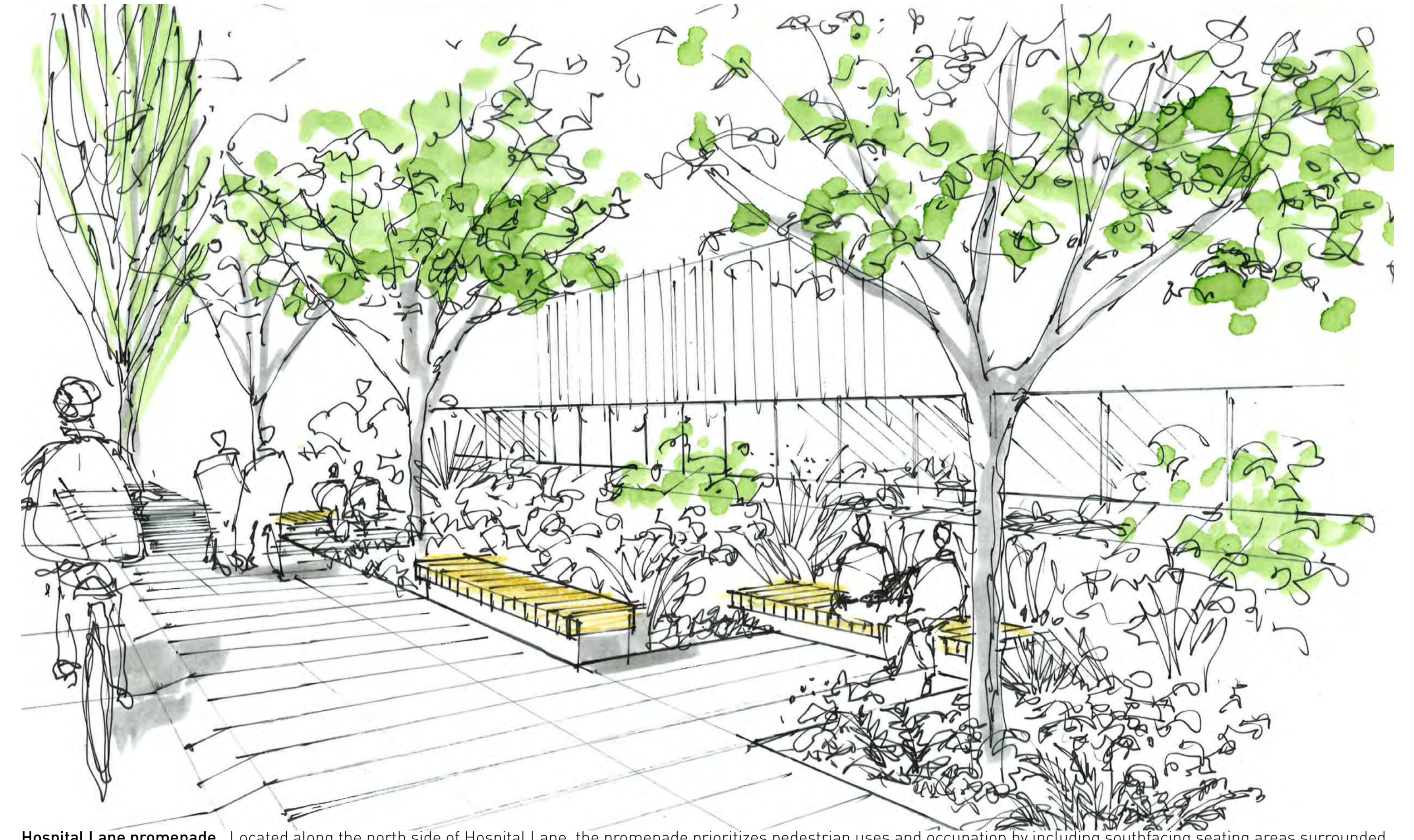
Precedent images



Potential Values



4 FOOD AND BEVERAGE INNOVATION CENTRE - HOSPITAL LANE PROMENADE



Hospital Lane promenade. Located along the north side of Hospital Lane, the promenade prioritizes pedestrian uses and occupation by including southfacing seating areas surrounded by natural planting and a shared right of way.

Existing condition



Precedent images



High Medium Low