

1 Welcome!

UBC Okanagan Master Plan Update - Open House



UBC is updating the Master Plan for the Okanagan Campus. The purpose of today's Open House is to:

- Present the draft 2015 Master Plan
- Answer any questions you may have about the Master Plan and the process
- Provide an opportunity for your feedback on the draft Master Plan, particularly the principles and strategies
- Invite you to participate in our upcoming Master Plan Ideas Fairs and Workshops

We want to know what you think! You can provide feedback in the following ways:

1. Complete a **questionnaire**, either here or online at planning.ubc.ca/okanagan until February 6
2. Attend a **Master Plan Ideas Fair** on February 3 (UNC Main Foyer) and February 4 (ADM Atrium)
3. Sign up for the February 5 **Master Plan Ideas Workshop**



2 Purpose of the Master Plan Update



2009 Master Plan

The UBC Okanagan Master Plan is being updated to help guide the future growth and development of the Okanagan campus.

The current Master Plan was adopted in 2005 and lightly updated in 2009. Since then, the campus has met its growth projections, with student enrolment more than doubling, and campus floor space nearly tripling. Having reached the capacity anticipated in the current Master Plan, an update is required to ensure that there is adequate capacity to accommodate future growth over the next 20 years.

The draft 2015 Master Plan will help guide this growth by identifying new opportunities to accommodate future needs for:

- Academic and research facilities
- Natural areas
- Places for recreation
- Campus residences
- Cycling and walking trails
- Road network
- Transit facilities
- Parking
- Infrastructure services
- Water, waste, energy
- Informal places for social connection
- Formal and informal study areas

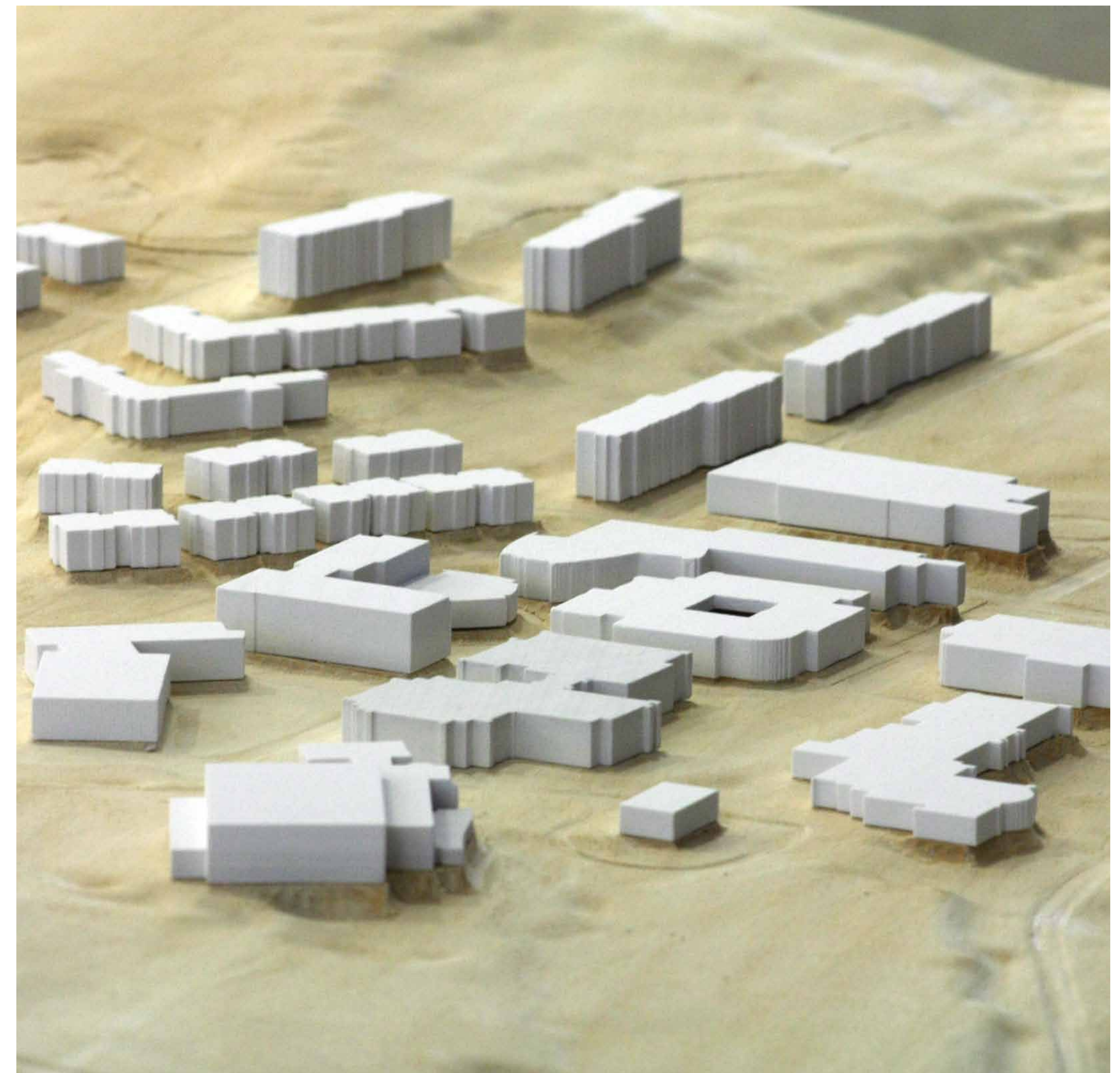


3 Planning Process

The UBC Okanagan Master Plan update is being developed with involvement from a broad range of staff, technical specialists, and campus stakeholders, with the goal of completion in summer 2015.

2013	Fall	Phase 1 Public Consultation: Identify Issues and Opportunities
2014	Spring	Transportation Workshop: Workshop with stakeholders, staff, users and technical specialists on campus transportation
	Summer	Growth and Experience Design Charrette: Design session with faculty, staff, students and technical specialists led by design facilitators
	Fall	Stakeholder Consultation: Input/Feedback on Draft Master Plan directions
	Late Fall	Draft Master Plan: Presented to UBC Board of Governors
2015	Winter	Phase 2 Public Consultation: Present Draft Master Plan
	Spring	Finalize Master Plan
	Summer	Present Final Master Plan to UBC Board of Governors and campus community

Project Milestones



3D Model of Draft 2015 Master Plan



4 How are we updating the Master Plan?



Growth and Campus Experience Design Charrette; June 2014

The Master Plan update is based on the 2009 Master Plan and is being informed by a series of technical studies and workshops, consultation with stakeholders and the public, as well as input from staff and the Master Plan Steering Committee.

Key elements guiding the planning process include:

People

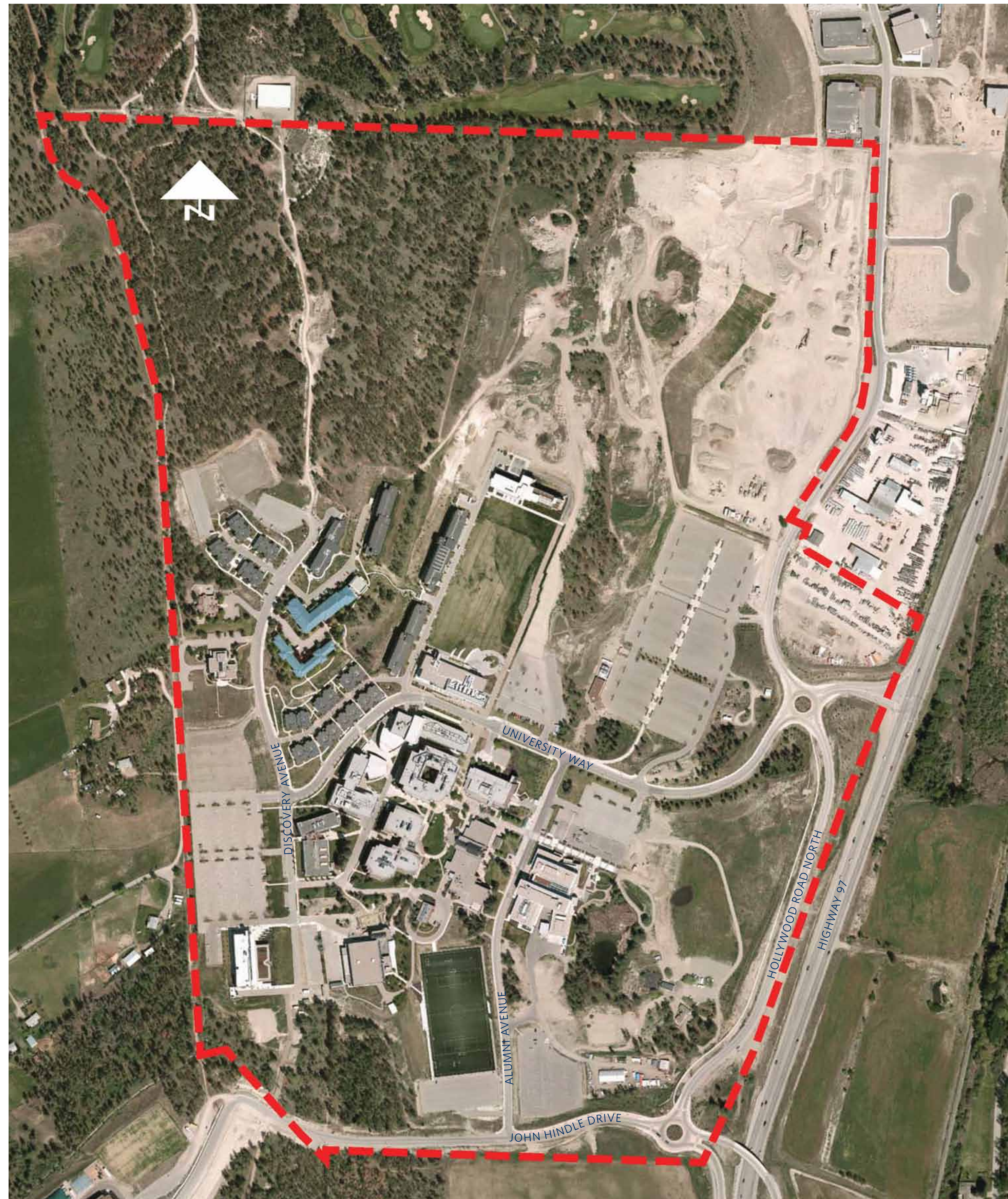
- Master Plan Steering Committee
- Phase 1 Public Consultation (Fall 2013)
- Staff and Technical Expertise
- Key Stakeholders
- Phase 2 Public Consultation (Winter 2015)

Documents and Technical Studies

- 2009 Master Plan
- Growth and Campus Experience Charrette Report (October 2014)
- Ecological Study (August 2014)
- Cultural Landscape Study (October 2014)
- Transportation Summary (July 2014)
- Whole Systems Infrastructure Plan (in progress)



5 Scope of the 2015 Master Plan Update



Scope Area of the 2015 Master Plan Update

The existing campus is 105 hectares, excluding the newly acquired 103 hectares, referred to as the West Campus lands. This update is focused on the **existing campus**, but also includes a future road connection from the west.

The Master Plan Update program includes:

- Accommodation of future academic and residential capacity to approximately 2030.
- Accommodation of research-industry partnerships, both within the academic core and a future innovation precinct.
- Transportation and network updates, including multi-modal connections through and to campus, and a pedestrianized campus core as well as an enhanced transit exchange.
- Increased parking capacity, including transitional strategies from parking lots to parking structures, enabling additional building sites as the campus develops.
- General landscape and public realm guidelines
- A whole systems infrastructure plan with a five-year implementation framework.



6 Vision & Guiding Principles



Growth and Campus Experience Charrette; June 2014

The UBC Okanagan Master Plan is guided by a vision statement and set of planning principles developed earlier in the planning process.

Vision Statement

UBC's Okanagan Campus aspires to be a centre for learning and innovation that produces global citizens through transformative personal growth and collaboration. Its people, places and activities are linked by a shared commitment to fostering community, and supporting social and ecological well-being. Deeply connected to the landscape, the campus is an accessible, intimate, and welcoming environment — a catalyst for positive change.

Planning Principles

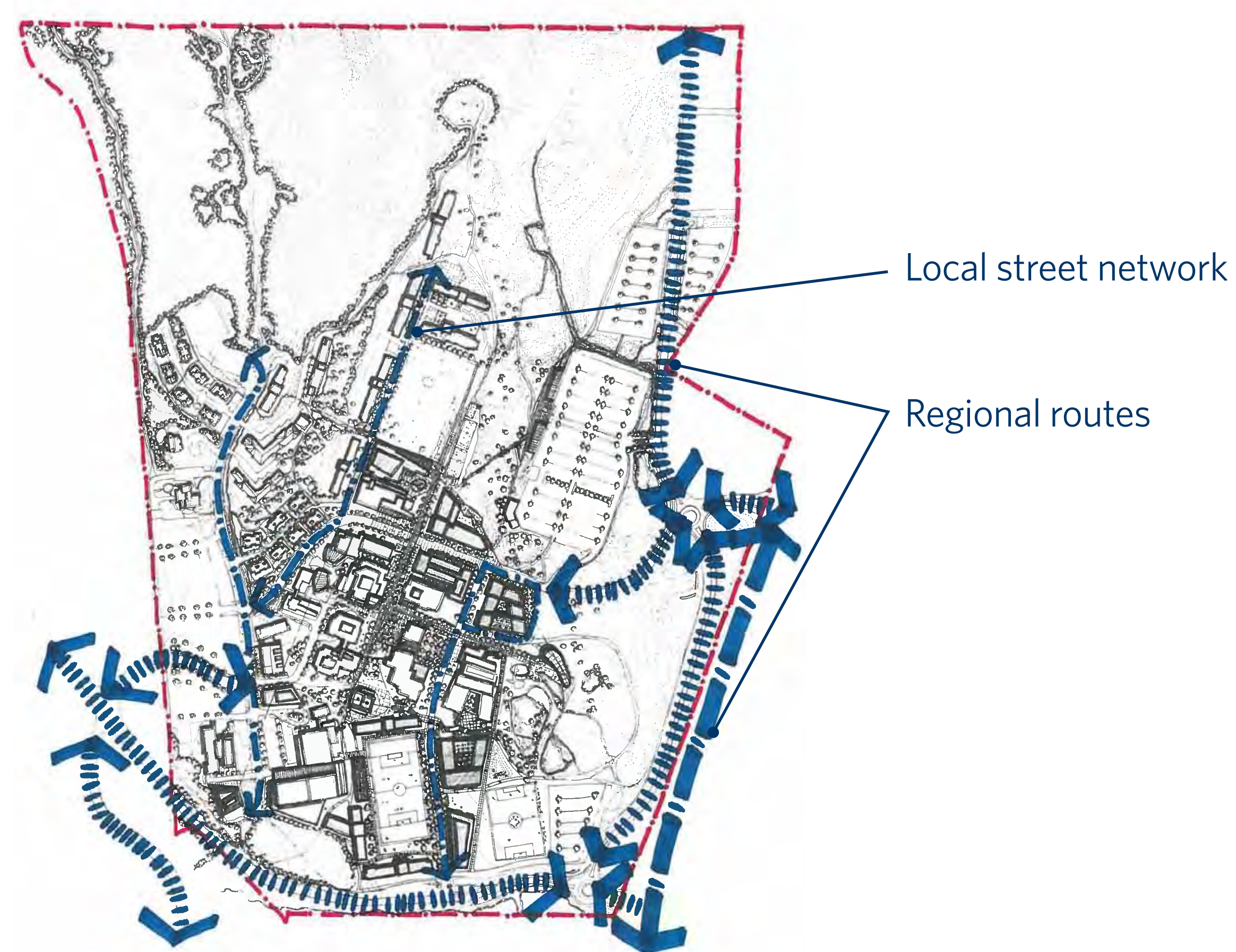
- Foster a welcoming and connected campus
- Celebrate place
- Support campus vitality
- Support campus growth through whole systems infrastructure planning

The following display boards explain how each of the principles will be applied to the campus.



7 A Welcoming and Connected Campus

Principle: Through physical design, programming, and partnerships, the campus will reach out to the surrounding community to create lasting connections between people and places.



Vehicular Connections and Movement

Proposed strategies for implementing this principle include:

- Designing flexible buildings and spaces to accommodate a range of academic and research activities
- Promoting opportunities to embed living laboratory projects into the design of buildings and open spaces
- Supporting people who live, work, study, and conduct research with world class facilities
- Mitigating the impacts of parking and vehicle loading on the walkability of the campus experience
- Staging parking surfaces as future building locations with structured parking
- Designing spaces to host community events in a deliberate attempt to open the campus and provide additional opportunities to host neighbours at a regional scale
- Making the campus more pedestrian-oriented
- Planning for an improved transit hub that meets operational and passenger needs

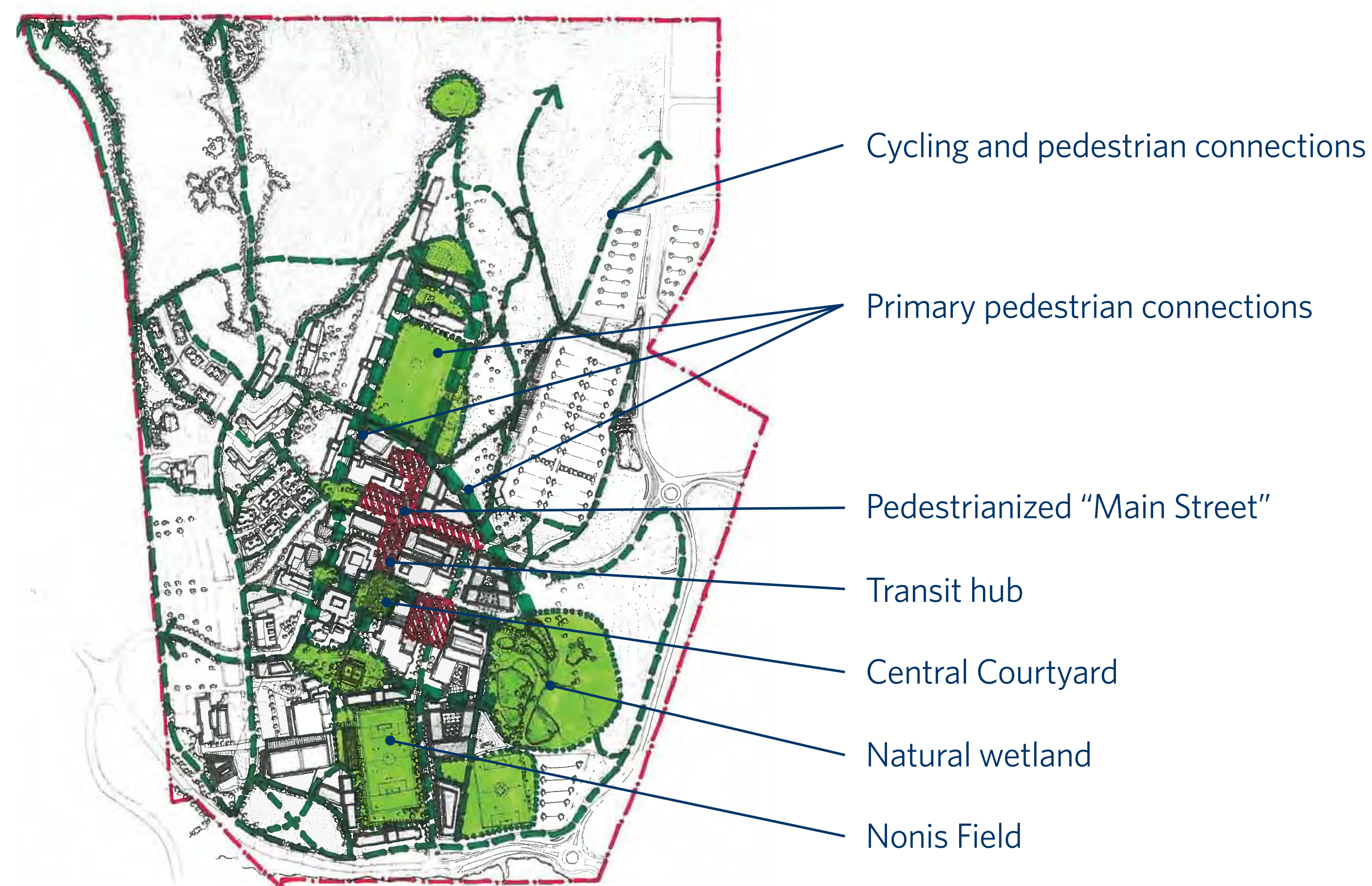


8 Celebrating Place

Principle: Strengthen the intimacy and connectedness of campus spaces and places, while celebrating and embracing the surrounding Okanagan landscape, to achieve a distinguished and compact core within an indigenous landscape setting.



Campus view of Okanagan Landscape



Integrated Spaces and Places

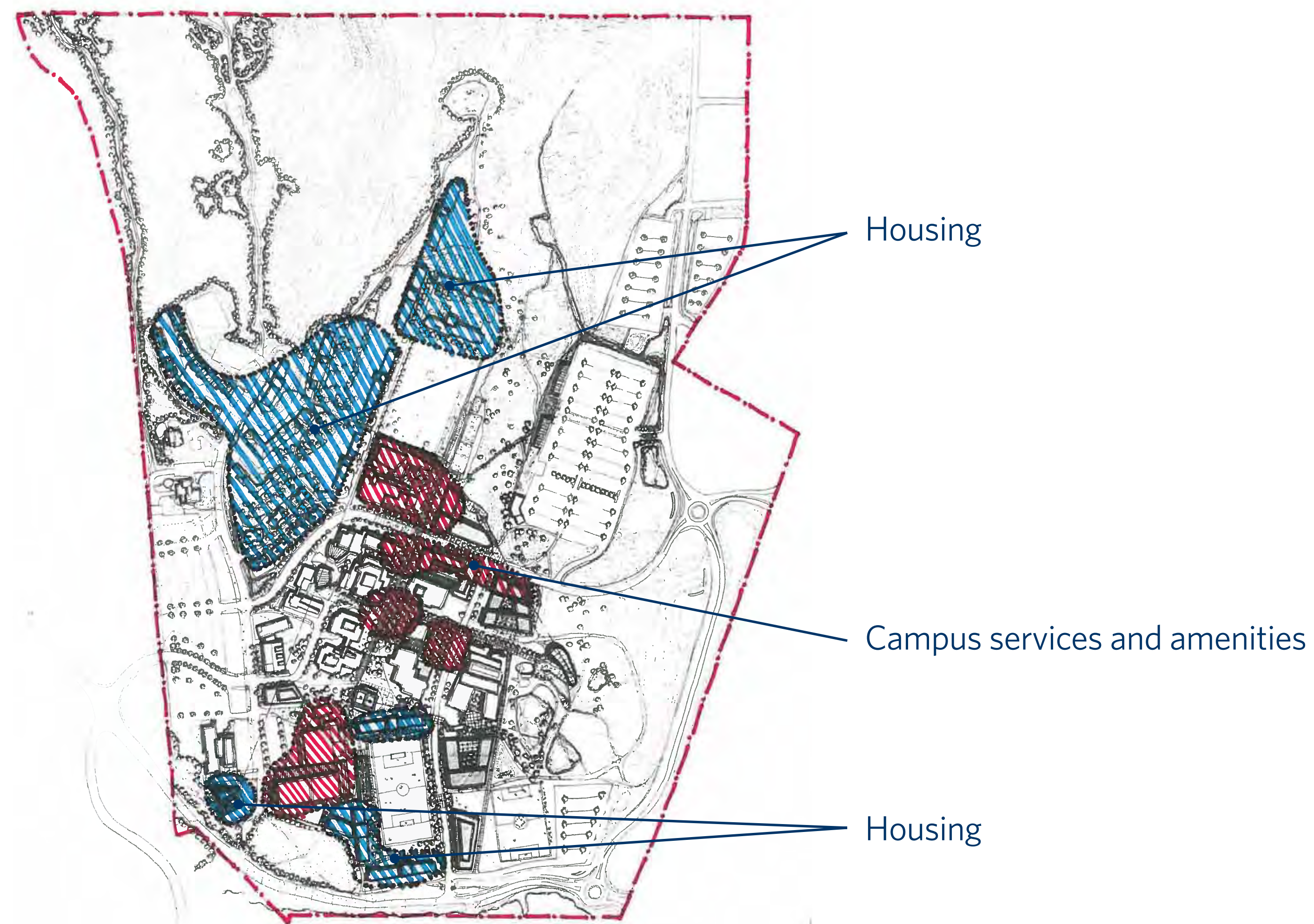
Proposed strategies for implementing this principle include:

- Creating a compact campus core and strengthening major pedestrian axes
- Placing new buildings to frame open spaces and heighten the experience of the surrounding landscape
- Providing a network of informal walkways, bike paths, and trails
- Bringing landscape features into the campus core as much as possible
- Strengthening the visual identity and cohesiveness of the campus
- Reinforcing the Okanagan grasslands and pine forest in landscape design
- Supporting design excellence and integration on multiple scales



9 Campus Vitality

Principle: Leverage campus growth to create a vibrant community, meeting the needs of all users and enabling students, staff, faculty, and the broader community to connect, learn, and linger.



Distributed Housing and Amenities

Proposed strategies for implementing this principle include:

- Broadening the distribution of residential uses on campus
- Responding to the needs and preferences of residents in neighbourhood design
- Providing a range of amenities and services within each residential neighbourhood, such as: common spaces / social spaces, collegia, strategically placed ancillary retail, bike facilities, and outdoor recreation.
- Allowing for flexibility in the ground floor uses of buildings
- Creating a vibrant pedestrian-oriented “Main Street” along University Way
- Encouraging increased transit use, and supporting a walkable campus



10 Whole Systems Infrastructure

Principle: Campus growth should be managed through a whole systems (environmental, economic, and social sustainability) lens to achieve a net-positive impact on the well-being of the campus community and ecology.



Stormwater Management Pond and Wetland

Proposed strategies for implementing this principle include:

- Designing buildings and landscapes to minimize energy and water consumption
- Designing buildings and infrastructure for flexibility and resiliency and to support opportunities for campus as a living lab
- Exploring opportunities for use of district energy systems and passive design principles, incorporating landscapes that are characteristic of the Okanagan climate
- Implementing stormwater management strategies that preserve ecosystem assets
- Shifting toward renewable and regenerative energy, water, and waste systems

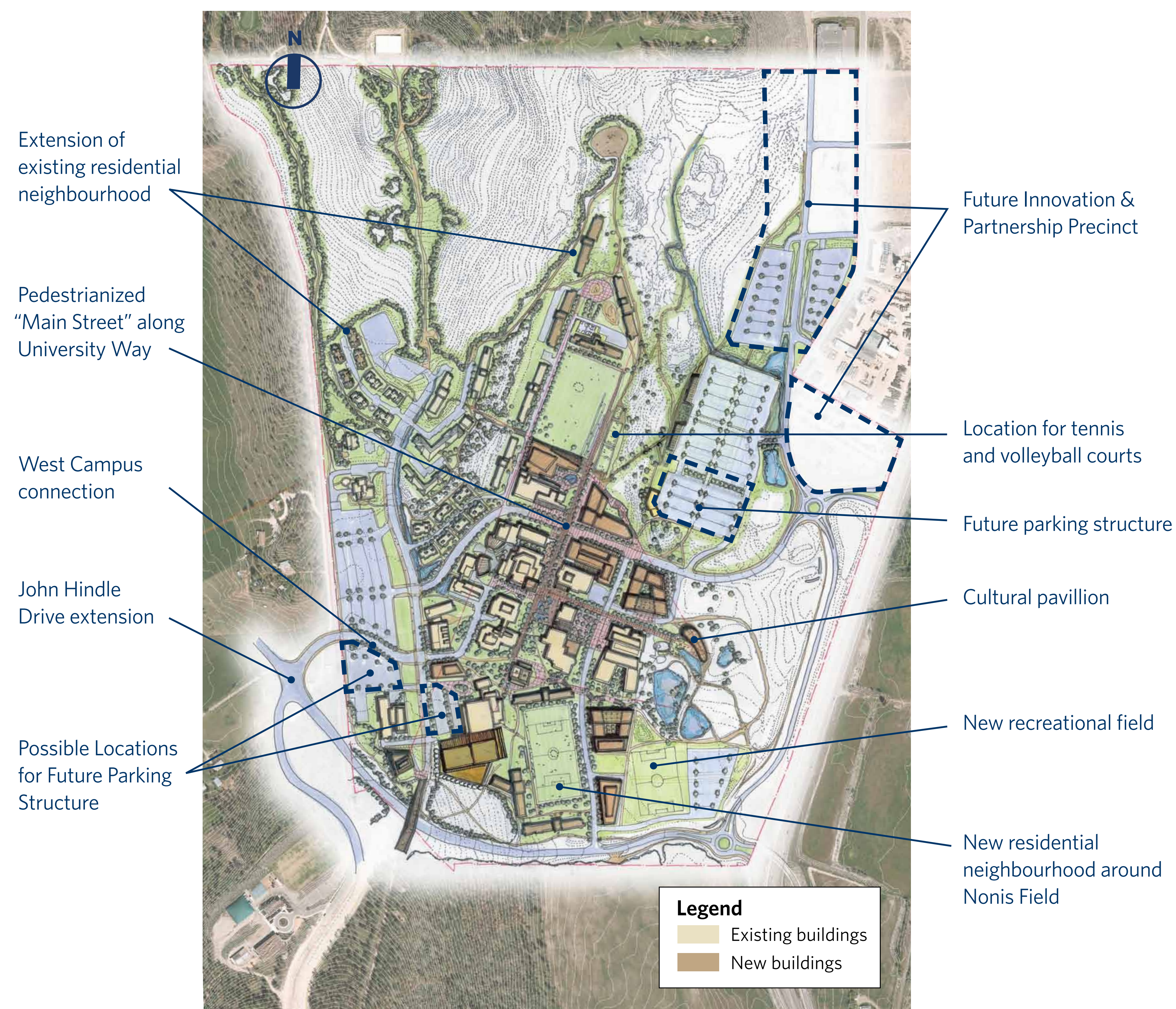
What is whole systems thinking?

Systems thinking is a method to understand how things (elements and systems) are related, and how they influence one another within a whole. An example of systems thinking is how elements like water, sun, soil, air, plants, animals and human beings interact and support one another as a system.



11 Draft 2015 Master Plan

The Draft 2015 Master Plan provides sufficient capacity to accommodate future needs of the campus population.

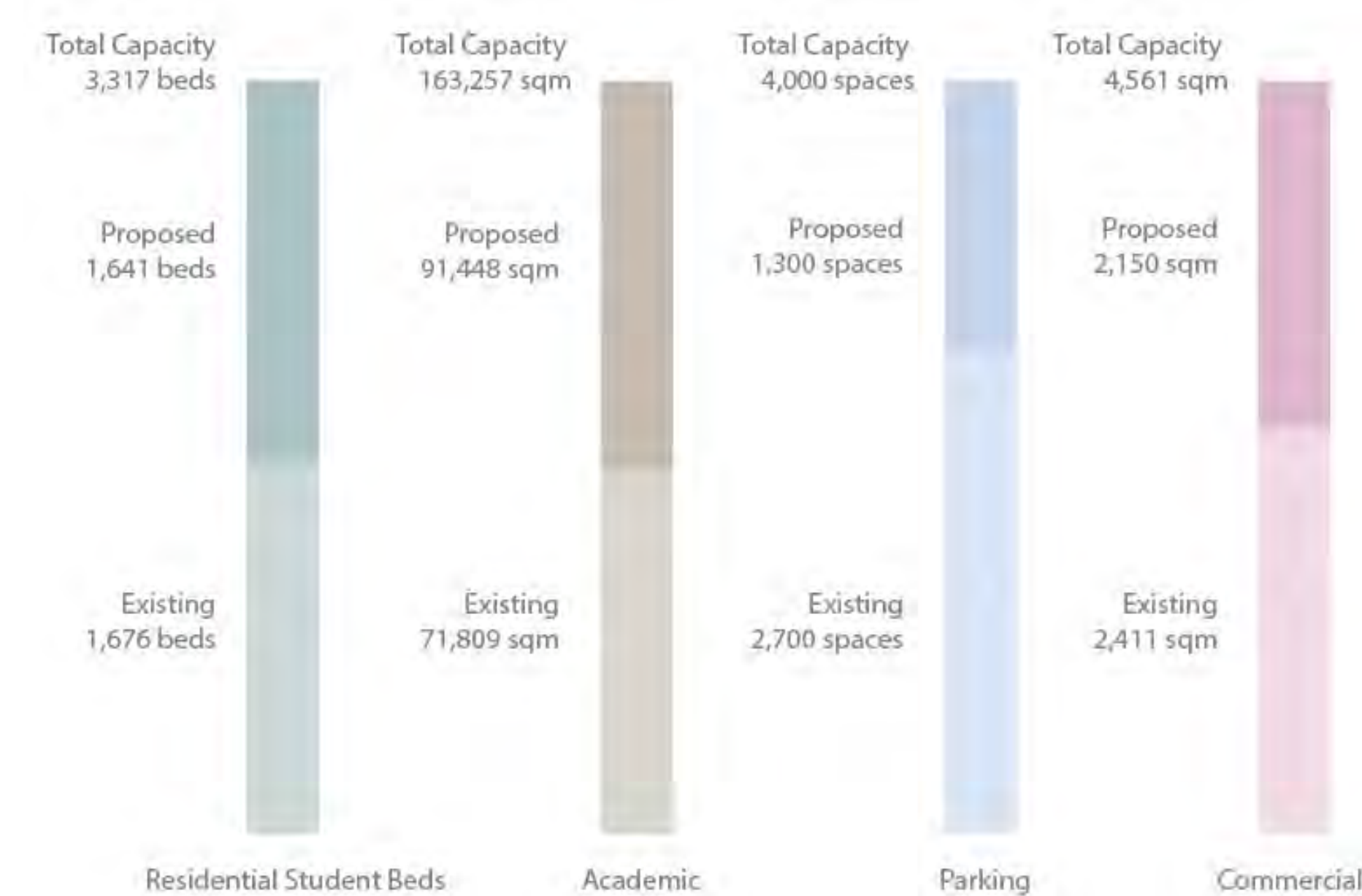


Draft 2015 Master Plan - Highlights

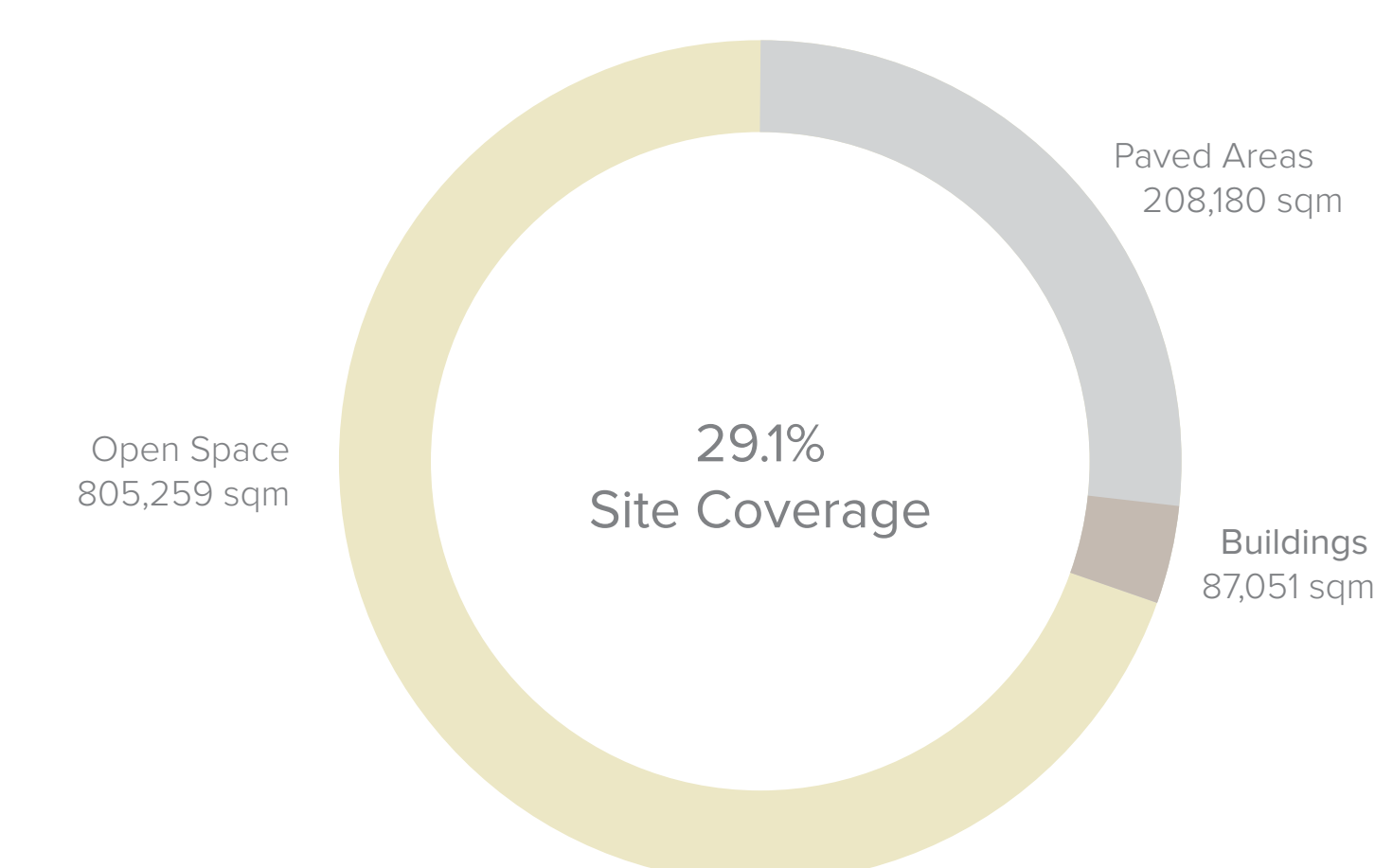
Features of the Draft 2015 Master Plan

- Increased capacity for academic space
- Increased capacity for university housing (including students, faculty and staff)
- Gym expansion and additional recreational field
- Improved transit hub
- Replacement of displaced parking and provision of additional spaces
- Additional amenities and street-oriented retail

Existing Conditions vs Proposed Conditions



Site Coverage



12 Campus Walkability + Amenities

As part of the Master Plan, pedestrian routes are being promoted and new pedestrian-only areas have been created while auto-oriented activities have been moved to the edges of campus. Improving walkability and amenities help support a vibrant, socially sustainable campus.

Walkability Within 5 Minutes of Campus Hub

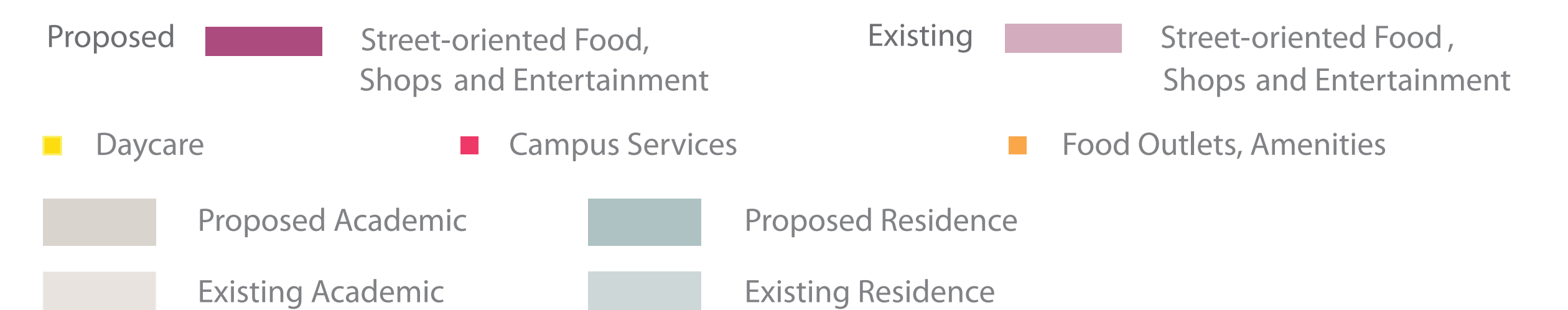
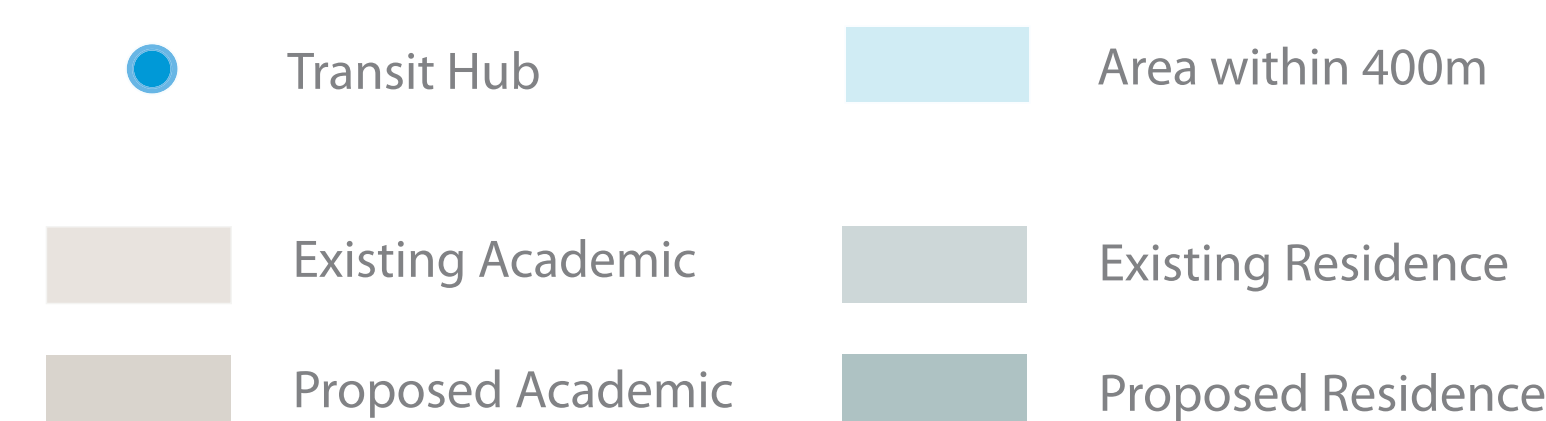
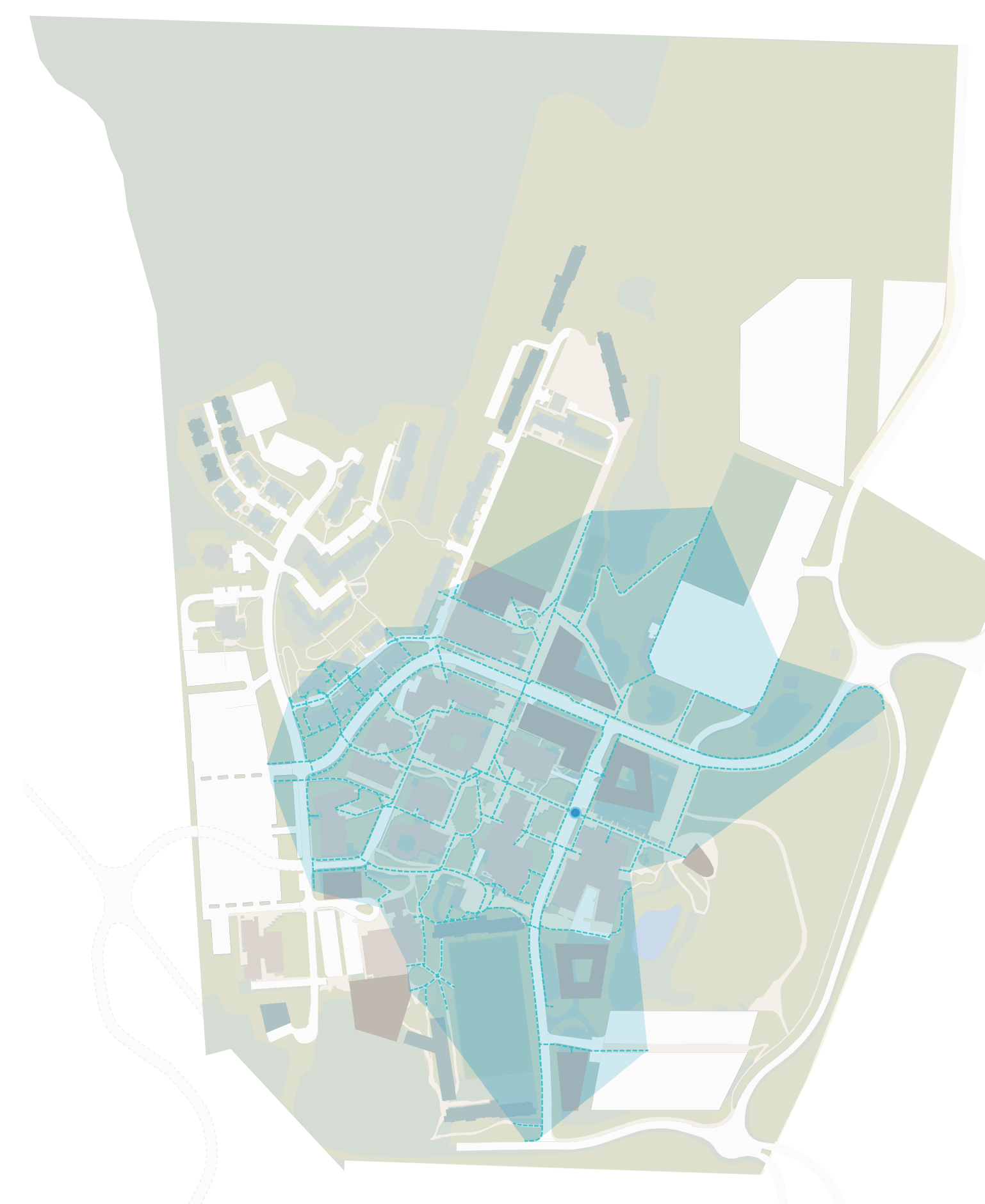
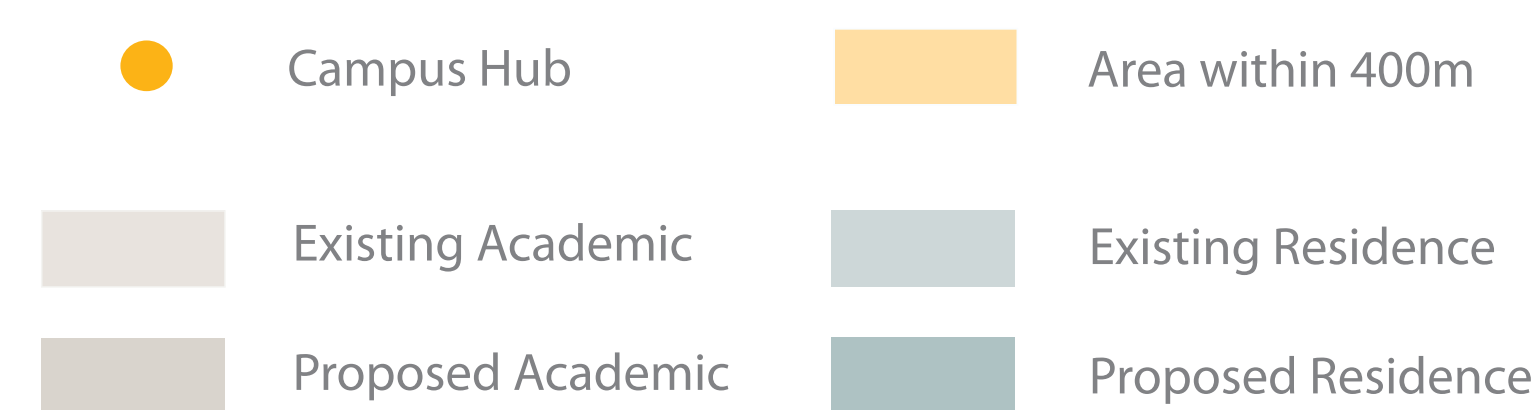
Improved walkability from the campus core – a five minute walk area illustrates how close academic buildings, residences and amenities are from the campus core at University Way.

Walkability Within 5 Minutes of Transit Hub

Improved walkability from the transit hub – a five minute walk area illustrates how close academic buildings, residences and amenities are from the transit hub.

Amenities

An increase in future capacity for street-oriented amenities along University Way and in the Okanagan Commons will complement existing campus amenities and services and help animate the campus core.



13 Next Steps

Your participation today is very much appreciated! Before you go, please be sure to complete a questionnaire, and find out about other ways you can get involved.



Next Steps

A final version of the UBC Okanagan Master Plan will be drafted after reviewing the input we receive from this open house and other consultation events. It is expected that the plan will be presented to the Board of Governors and to the campus community in the summer of 2015.

To participate further...

Stop by a **Master Plan Ideas Fair** event on February 3 (UNC Main Foyer) or February 4 (ADM Atrium) or sign up for the **Master Plan Workshops**, being held on February 5.

Thank You!

