THOMPSON RIVERS UNIVERSITY - Campus Plan







1.0 The Campus and Downtown Kamloops which ensures a clearly understood framework of public circulation, building frontages and addresses and a discipline of building footprint sizes. By contrast the campus is spaces. The density is much lower than that downtown with building footprints occupying a much smaller area and with significantly greater distances between buildings.

based on these guidelines. Both of these buildings exhibit high standards of design.

The intent of this review is to avoid making unnecessary changes and for the most part

few changes are made. The only exception is in regards to building height. Where ear-

lier guidelines recommended a maximum height of three stories the revised guidelines

are recommending that certain buildings of significance should be allowed to be up to

five storeys in height. As explained in the Campus Plan, the main reason is to create,

as the university grows over time, a higher density of development, which will prevent

academic programs. As mentioned this should be reserved for special buildings such

as the proposed library or "learning commons" and other academically significant struc-

Introduction

south half of the campus. Some campus buildings like Old Main and Trades and Technology occupy the equivalent of entire city blocks. More importantly walking distances on campus, for example, to go from the student residences to the Campus Legend Activity Centre, are equivalent to one end of downtown to the other.



Introduction

These Guidelines, together with the Campus Master Plan, are intended to assist future Design open spaces and pedestrian corridors in consideration of site lines to destinadevelopment and improvements by identifying the characteristics of various landscape components. The existing landscape encompasses significant natural, historical, cultural and horti- Whenever possible provide barrier free pathways to major building entrances. Other

cultural features, which must be preserved and enhanced over time. Landscaping is design considerations for exterior pathways include 5% maximum gradients and curb an integral part of the horticulture program of TRU. The Guidelines allow some degree of flexibility and choice. TRU's Landscape Advisory Committee has first-hand knowledge of the campus landscape and can provide design 1.3.5 Maintenance input and direction. Assessing design proposals, identifying maintenance and security issues and providing continuity of campus development are some of the functions of the

The objective of the Guidelines is to create and maintain a landscape that reflects the uniqueness of the Kamloops region, and is essential for creating a lasting impression of students, staff, faculty and the community.

1.0 General 1.1 Landscape Design Approval Process

All new development or site disturbances must have an approved landscape plan and include landscape reconstruction for all areas not covered by parking or roadways. Landscape plans shall be submitted to the Landscape Advisory Committee for review. Comments will be forwarded to the applicant in writing.

1.2 Landscape Types

The campus lands will continue to consist of basically two (2) landscape types: 1.2.1 Intensively Developed or Manicured Landscapes

These include ceremonial spaces, meeting places, pedestrian links and horticultural gardens. Typically these areas are heavy-use, heavy traffic areas on maintained gardens. An example would be the landscape around the Campus Activity Centre. As new areas in the vicinity of new building or facilities are identified as functional land-

scapes, these will be developed and may include paved entrances, pathways, herbaceous plantings, trees and shrubs, furnishings, lighting and signage. The gardens located at the heritage site (#18 on the Landscape Concept Plan) will continue to be a special place on Campus. This important area serves a number of functions including meeting place, a place for special public and campus functions, and as a teaching focus.

Full automatic irrigation is required for all areas and should be designed for water conservation, such as drip irrigation for planting beds and trees. 1.2.2 Indigenous Landscapes All areas not designed as intensively used manicured landscapes should be preserved Exterior ramps should be avoided. However, when necessary, they should be closed

in natural native condition or restored as native landscape. Where native landscape is restored, temporary irrigation may be required. Existing ponderosa pines should be preserved with appropriate protection and careful grading to maintain existing elevations and drainage patterns, so as not to disturb the trees in their existing condition.

1.3 Site Planning 1.3.1 Existing Landscape Features

Wherever possible preserve all existing large trees or other special landscape features within the context of new campus development. 1.3.2 Parking

Design parking areas to integrate aesthetically with existing grades and vegetation Break up large expanses of paving, i.e. more than 20 parking spaces, with significant planting areas. Allow for ease of snow removal and areas for snow storage. Maintain a minimum of 10m of landscaping between parking and habitable indoor rooms such as 2.1.3 Other Paving Types



Pathway Type Temporary / Functional 2.1.2 Pathway Categories on a discretionary basis. **2.2 Exterior Stairs**

code.







Existing Roads Existing Roads to be Abandoned New Roads Horticulture Old Mai Clock Towe Foundation/Alumni CFBX Campus Radio Food Training Research Centre First Nations Gvmnasium Sciences/Health Sciences Day Care Campus Housing Purchasing Faculty Annex "C Aquatic Centre Hillside Stadium Child Care Animal Health Technology Central Stores Storage Sheds Facilities Trades and Technology "Omega" Newspaper



Academic Zone
Technology Zone (Potentia
Student Residential Univer
Recreation/Kinesiology Zo
University Support
Building Old Main Clock Tower Library Food Training Gymnasium Sciences/Health Sciences Campus Housing Aquatic Centre Hillside Stadium Animal Health Technology Storage Sheds Trades and Technology Campus Activity Centre Arts and Education International Building (Planne
TRU Campus - Site Zonir





cuts. Design of pathways, steps and handrails should meet or exceed the B.C. building 2.2.4 Stair Materials All site and landscape design should take into consideration ease and simplicity of maintenance. Locate garbage bins conveniently for loading and pick-up but not in proximity to pathways or passive outdoor facilities.





should be paid to the provision of handrails, curb cuts, radii, and contrasting edge demarcation at stairs and walkways. associated with stairs and conform to TRU's policy of 5% maximum gradients. Definition Treatment





2.2.1 Handrails The B.C. Building Code requires handrails on exterior stairs with more than 3 risers. Do A plant labeling program should continue to be developed to enhance the Campus Intrimum average horizontal levels not configure stair runs with less than 3 risers. In the interest of safety and convenience Landscape as a learning experience, and to aid in the appreciation of plant diversity on provide handrails to comply with the B.C. Building Code.

2.2.2 Barrier-Free Design Standards Exterior stairs must conform to barrier free design standards and should include tactile Water conservation is a priority in the planning of the landscape. and visual warning strips.



International Building (Planned)

concrete or other attractive finishes with protective nosings to reduce skateboard dam-2.3 Fencing

Chain link fencing should be black vinyl-coated in high visibility areas. Galvanized chain-link fencing should only be used for security compounds in low traffic/low visibility areas.

2.4 Furnishings 2.4.1 General Guidelines

Provide furnishings as appropriate for the design intent of outdoor spaces, and in consideration of programmed uses. Specify materials and construction for longevity and low maintenance. Design of new furnishings should be compatible with existing furnishing styles on campus.

In intensively developed areas provide opportunities for built-in informal seating such as ledges, retaining walls, steps and grass berms. 2.4.2 Benches, Ash Urns and Litter Receptacles

Provide an ash urn at seating locations and litter receptacles nearby and at logical locations such as near building entrances. Materials & finishes:

wood-certified plantation wood for bench seats metal-powder-coated, industrial coating systems, stainless steel, or galvanized

oncrete-decorative finish such as exposed aggregate, coloured sandblast, detailed formwork, or stone cladding Where free-standing furnishings are specified they must be securely anchored in place and comfortable in all seasons. All furnishings must be constructed of high quality, durable and maintenance free materials. Use of recycled materials is encouraged.

Provide bicycle racks at convenient locations such as building entrances. U-racks are the preferred style of bicycle rack. They allow the cyclist to lock both wheels 5.1.1 Lighting Fixture Characteristics and frame to the rack. Use all-steel construction with durable finishes.

Racks must be bolted down, set in concrete pads, or otherwise anchored securely in With increased usage of bicycles, end-of-trip facilities, such as bike lockers and showers should be incorporated at convenient locations.

3.0 Soft Landscape 3.1 Planting

3.1.1 General Guidelines In accordance with the Campus Development Plan the Campus Landscape will of

ue to be developed as an arboretum providing: Areas for growing a diversity of plant materials; both new and well known varietie An outdoor laboratory for teaching purposes.

3. An attractive and functional setting for the buildings and users. 3.1.2 Plant Materials Teaching Programs

All proposed plant material should be appropriate to the teaching programs in Forestry, Horticulture and Biological Sciences. A plant list should be developed in consultation with the Landscape Advisory Committee. 3.1.3 Campus Guide and Plant Inventory

The Campus Guide and Plant Inventory for the Campus Landscape should be regularly updated.

3.1.4 Plant Labeling Program

3.1.5 Water Conservation



4.1. General Guidelines

4.2.1 Intensively Developed, Manicured Landscapes Provide fully automatic underground system for all planting laid out and specified by an irrigation expert. Include an irrigation scheduling chart indicating head types, flow rates and pressures, and calculate optimum run times for each zone. Include satellite controllers fully integrated with the central computer system. Utilize pop-up heads, shrub sprays, and drip-type emitters as appropriate. 4.2.2 Indigenous Landscapes

turbances to all indigenous landscape areas. 5.0 Lighting 5.1 General

Select lighting fixtures with optical characteristics and distribution patterns that will illuminate only those surfaces and areas required. From an aesthetic and environmental perspective, avoid glare and stray light by selecting optics that are efficient and have high-cut off values.

5.1.2 Lighting Sources Sources: colour-corrected metal halide.

5.1.3 Continuity of Pole and Fixture Styles The Campus has existing several pole and fixture combinations. Pole and mounting

ilar decorative styles for continuity. 5.1.4 Other General Considerations Take into consideration the hierarchy of illuminance levels for various functions, safety and security, ease of maintenance and aesthetics. 5.2 Illuminance Levels

In general, follow the illuminance ranges for various outdoor uses as set out by the "Illuminating Engineers Society of North America Lighting Handbook" (latest edition). Proper lighting design is a complex exercise requiring consideration of proximity to roadways and other illuminated structures, the reflective co-efficient of surfaces, plantings,

and ambient light from building windows and relative illuminance of other adjacent The following is a guideline for area lighting and illuminance levels on campus 5.2.1 Bikeways and Pathways

0.6 fc 1.1 fc to a distance of 2.5 meters on each side of pathway



4.0 Palette of Finishes

- 4.1 Exterior Walls Giant Brick for academic buildings as per exist
- with limited color change Painted concrete block for utility and industrial build ings the same as the beige color utilized on othe
- Use of stucco (cement or acrylic) to be discouraged on academic buildings, but may be used with concrete block on utility and industrial buildings the same as the beige color utilized on other buildings
- 4.2 Sloped Roofs Metal to match Clock Tower or same profile in gathered vanized steel
- .3 Glazing Clear or brown tinted, non-mirrored glass in painte
- or anodized sash Clear or obscured Glass Block used where translu cent light penetration is required
- 4 Pedestrian Pathway & Court Paving Granite, brick or interlocking pavers, exposed aggr gate, brushed concrete



5.0 Building/ Structure Replacement

ticularly well suited. In addition this zone of the campus is best suited to academic functions. Given these factors it is recommended that the functions in these buildings be relocated to a university support services zone and the existing buildings demolished. It is also proposed that the davcare be relocated into a new facility in the Academic Zone

when its current location is required for campus development. Another building, Faculty Annex 'A', is a temporary single storey faculty office structure and should be demolished once additional office space is developed to allow for the development of additional student housing.







Ser Bar



Existing Buildings/Structures Requiring Functional Upgrade

	Existing Buildings/Structures to	o be Rei
	Building	#
	Old Main	16.
	Clock Tower	17.
	Library	18.
	Food Training	19.
•	Gymnasium	20.
	Sciences/Health Sciences	21.
	Campus Housing	22.
	Aquatic Centre	23.
	Hillside Stadium	24.
0.	Animal Health Technology	25.
1.	Storage Sheds	26.
2. 3.	Trades and Technology	27.
3.	Campus Activity Centre	28.
4.	Arts and Education	29.
5.	International Building (Planned)	30.

ŧ	Building
6.	Horticulture
7.	Foundation/Alumni
8.	CFBX Campus Radio
9.	Research Centre
20.	First Nations
21.	Day Care
2.	Purchasing
23.	Faculty Annex "C"
24.	Child Care
25.	Central Stores
26.	Facilities
27.	"Omega" Newspaper
28.	Special Project Centr
	Faculty Annex "A"
30.	Transit Hub
	Tranol Trab

5.2.2 Stairways 1.8 fc minimum average horizontal levels maximum to minimum ratio Light stairways for safety. Use overhead pole mounted fixtures or wall lights. 5.2.3 Building Entrances minimum average horizontal levels 5.2.4 Pedestrian Areas Near Buildings May be discreetly lit by wall mounted fixtures or spill from interior areas 5.2.5 Parking Areas 0.9 fc minimum average horizontal levels maximum to minimum ratio Where mounting heights may be higher than for pedestrian areas, use pole mounted fixtures that are similar or complementary to the pedestrian fixtures. Use optics that are also efficient and high cut-off to avoid undesirable spill into adjacent areas. 5.2.6 Lighting for Aesthetics Selected specimen trees or other landscape features may be illuminated for effect using in-ground up-lights or down-lighting from canopies. Use only high quality metal fixtures with lens covers. 6.0 Signage **1 Standard Signage Specifications** All signage should be coordinated with respect to typeface, colour, material, method of mounting and size and should conform to the standard specification. 6.2 Integration of Signage in the Landscape Wherever possible signs should be integrated with other street furniture or mounted on buildings so as to minimize the number of poles in the landscape. 6.3 Requirements for Motorists, Cyclists & Pedestrians Mounting heights, scale, and size of graphics and lettering should recognize the differing requirements of motorists, cyclists and pedestrians. Consider special signage requirements for the disabled, such as demarcation of handi-7.0 Public Art in the Landscape TRU acknowledges an important role for public art on campus:



using appropriate lighting. 7.3 Bequests of Art to Thompson Rivers University

identifying the piece, its title, artist, donor and other relevant information;

All bequests of public art will be reviewed by the Landscape Advisory Committee with respect to relevance of the art as legacy, potential siting, ongoing care and maintenance issues, and appropriate commemorative signage.