



Main Building

Principle:

Most essential building to be clearly identified from distance and from within campus through location and scale.

- A clearly identified primary building element greatly aids circulation in and around hospital campus by providing orientation point.
- Main building utilized as orientation element should be actual functional main campus building (not artificial element like a clock tower etc)

** design principle adapted from [A Pattern Language](#); Christopher Alexander and others, 1977*



Main Entrance

Principle:

Provide clearly defined main entrance to hospital campus; public thoroughfares and streets; and individual buildings.

- Place main entrance so that it can be identified as soon as building itself is visible.
- Main entrances to be visible from pedestrian and vehicular circulation systems.

** design principle adapted from [A Pattern Language](#); Christopher Alexander and others, 1977*



Family of Entrances

Principle:

Within a grouping of campus building elements, provide groupings of entrances, of similar character

- Ensure entrances are visible from each other, either all at once as in a courtyard, or visible from each other as in sequence
- Clearly defined entrance elements greatly aid in wayfinding; and orientation within the overall hospital campus

** design principle adapted from [A Pattern Language](#); Christopher Alexander and others, 1977*

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Background

- Traffic Demand Management analysis was prepared by VIHA Regional Parking Office, "VIHA Travels Smart" strategies, based on report and survey conducted by Boulevard Transportation Group.

Objective

Traffic Demand Management refers to a variety of strategies to change travel behavior, to increase transportation system efficiency, and help reduce single occupancy vehicle use.



Recommended Traffic Demand Management Measures

From Appendix C "RJH Parking and Parkade Report", dated 06 July, 2007", prepared by Boulevard Transportation Group.

The following measures recommended in the Traffic Demand Management Report have been implemented, or are being developed on an ongoing basis.



- Establish TDM Coordinator
- Establish TDM Volunteer/Coordinator within each Department
- Increase awareness of Traffic Demand Management
- Increase parking fees
- Increase ridesharing options at Royal Jubilee Hospital
- Increased Cycling Facilities
- Improved on-site wayfinding and directional signage
- Clarify parking brochure/handout
- Improved on-site walkability



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Courtyards

Principle:

Encourage wellness through provision for a network of courtyards that provide natural lighting and ventilation, and allow "views of nature" from internal building areas.

- Provide courtyard spaces, where healthcare providers, patients and visitors can access contained greenspaces from internal building areas.
- Provide active courtyard spaces by integrating with traffic patterns, arcade spaces along edges; view and access to larger open and active building areas
- Provide multi-floor height courtyard spaces to allow views of nature, and to allow light penetration to internal building areas.
- Provide a variety of courtyard sizes, ranging from large enough to allow a variety of uses and pathways, down to a viewing garden size, or a light well for natural lighting and ventilation.



Patient outdoor spaces

Principle:

Encourage wellness through accessible outdoor spaces, separate from "public access" areas.

- Provide roof gardens and patios to allow patients to have private outdoor areas; separated from "public" spaces.
- Ensure outdoor areas are oriented for optimum sun exposure (generally south)
- Provide upper floor outdoor spaces overlooking internal courtyards, allowing exposure to natural ventilation and sunlight.



Encourage Natural Light

Principle:

Encourage natural lighting by creating articulated plan about landscaped areas

- Developing plan using "wings" allows natural light to penetrate to all areas of building interior.
- Developing plan using "wings" surrounding courtyard areas breaks overall form into smaller scaled components

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Connected Buildings

Principle:

Connect buildings wherever possible, eliminating wasted spaces between.

- Utilize space gained by connecting buildings for public open space, courtyards and arcades
- New buildings to be continuation of existing construction where suitable.

** design principle adapted from A Pattern Language; Christopher Alexander and others, 1977*



Landscape Design Guidelines

Principle:

Ensure consistent, high quality landscaping throughout hospital campus, while allowing for flexibility and incremental development*

- More detail will be added during future discussions with stakeholder groups, the following is from discussion with Jubilee Heights Neighbourhood association:
 - Public Art and water features.
 - Utilize native, drought tolerant plant species where possible, in order to assist in reducing irrigation requirements
 - Covered outdoor seating adjacent to building entrances
 - Utilize suitable, sustainable materials including:
 - concrete, or concrete unit pavers
 - stone and masonry (suitable for walking and wheeled use)
 - wood (furnishings and structures only)
 - metal (furnishings and structures)

** design principles carried forward from Patient Care Centre design requirements*

*** design principles identified in Traffic Demand Management Report*