University of Toronto Mississauga Campus

Update to the UTM 2000 Master Plan

Campus and Facilities Planning  March 9th, 2010
9:00 a.m.  Introduction (15 minutes)

9:15 a.m.  UTM’s response to the Plan (1 hour)
   1.  Opportunities and Challenges
   2.  Planning Principles

10:15 a.m. Break (15 minutes)

10:30 a.m. Potential Development (1 hour)
   1.  Sites and Sectors
   2.  Building Envelopes

11:30 a.m. Next Steps (5 minutes)
UTM’s Response
Opportunities and Challenges
Planning Principles
- distribute parking across campus
- lack of parking in the North Campus
- community events require convenient, well-located parking
- include underground parking facilities to preserve greenspace
safety and security are a concern, especially after dark

wayfinding; CCT parking is a challenge to find

accessible parking should be distributed

“persons with physical disabilities will continue to face challenges in moving between parking concentrations near South Building and the northern end of campus.”

Opportunities and Challenges: Parking
➢ UTM should continue to improve on transit connections, as a commuter campus

➢ improve passenger waiting areas

➢ stops must be located near campus population centres
relocated the existing (North Building) shuttle bus stop adjacent to the IC; the stop should also serve as an additional municipal transit hub.

reconsider the traffic flow in the area of the RAWC

(RAWC) cars block the view of the pedestrian crossing. Double parking make passing on the road dangerous and very difficult to see pedestrians

Opportunities and Challenges: Transit and Drop-off
➢ provide a walking/running/bike path along Outer Circle Rd

➢ glass enclosed links (similar to the CCT-HMALC) could be built connecting all buildings

➢ create a pedestrian path across the north campus field

➢ safety: well-lit paths and protection from vehicle traffic; more crosswalks if the foot/bike path is extended

**Opportunities and Challenges: Pedestrian Connections**
Many visitors feel that the RAWC entrance is the main campus entrance.

“What features stand out on this campus? The UTM Library stands alone as the one building that is functional but offers an aesthetic (windows, lighting, furniture, colour) that invites visitors to stay and linger.”

Community members walk through the area between the Lislehurst, the Artist's cottage, and the "Moon" (paleomag) lab in afternoons and on weekends; the campus could become a community 'landmark' by adding displays about the history and ecology of UTM.

Opportunities and Challenges: Gateways and Landmarks
Create “greater links with the community”

“show a vibrant and communal space right on the perimeter of campus to create a more welcoming atmosphere for visitors when entering campus.”

“there is insufficient population density in the neighbouring community to…develop retail outlets at the campus edge.”

convert “Alumni House…to a welcome/information centre…for donor meetings,…alumni/community meetings, and a full service information counter.”

Opportunities and Challenges: Edges
➢ construct a new, higher-density undergraduate residence on the current Schrieberwood site

➢ “consider expanding to off campus development… a dormitory in Streetsville (10-15min by bus or bike to UTM) would instantly connect the UTM community to a real neighborhood and attract students… Streetsville is also a neighborhood that would likely embrace the UTM community.”
“on-campus events and recruitment efforts are hindered by lack of signage, and an obvious main entrance.”

new center of campus could be created with benches, paths, and vendor carts

add seating and study space for students, staff, faculty and visitors

add benches around the perimeter of the large greenspace in front of the South Building

“make sure a beautiful exterior environment exists around buildings... trees, greenery, benches....need outdoor spaces for people to have coffee and sit....neither the Starbucks nor the pub really provides a pretty comfortable environment to hang out”

Opportunities and Challenges: Street Furniture
“a viable intellectual community [requires] students’ social life to integrate with intellectual life. Most international students do not drive. If we are serious about attracting these students, a better service and social life is a must.”

“higher density mixed use developments will result in more people living on campus” and will require more services and contribute to the feeling of a University.

“cafes/lounge spaces should…be visible from the outside (engaging)…and have a view to the beauty of the physical context”

lack of event space

isolated suburban campus should have more food choices; examples: Guelph, McMaster, York Lanes

Opportunities and Challenges: Amenity
increase density of the current built area around open plazas, while preserving largely undeveloped portions of the campus

"the first thing that made me fall in love with this campus was nature….differentiating our campus from all the other universities.”

in awe every time deer are sighted in the trees

spaces between buildings should be more functional and used by students

Opportunities and Challenges: 4-Season Open Space
➢ a signature quad will create a "real" campus feel

➢ need large gathering spaces for community events and alumni gatherings (+/- 38,000 alumni)

➢ provide outdoor space for:
  lectures,
  convocation,
  movies,
  receptions,
  fairs,
  orientation,
  conferences

➢ “north campus field is currently underutilized…[transform] the field into a campus quad that will include playing fields, more trees, outdoor furniture, and additional pathways.”

Opportunities and Challenges: 4-Season Open Space 2of2
1. Land Uses
2. Public Realm
3. Sustainable Development
4. Heritage Preservation
5. Accessibility
6. Massing
7. Balanced Intensification
LAND USES

• Foster a connection between Residential and Academic Life.

• Integrate on the ground floor level, with transparency between indoor and outdoor spaces.

• Coordinate parking, servicing and traffic planning relative to new and existing buildings, to ensure a visionary Campus Plan.
LAND USES

Compatible (with Academic Mission)
Complementary
Engaging
Animated
Coordinated
PUBLI C REALM

• Support and encourage a vibrant public realm.

• Relate to buildings and create a sequence of movement; provide shelter and active travel between buildings.

• Maintain and enhance a central unified open space, as a unifying element on Campus

• Integrate the Campus with the surrounding Credit River Valley.
PUBLIC REALM
Vibrant
Active
Inspiring
Linked to surrounding context
Sheltered
Safe & Secure
Inviting
Communal
Contextual ecological preservation
SUSTAINABLE DEVELOPMENT

- Incorporate technological advancements in building and landscape design
- Encourage bicycle commuting and transit-oriented modes of travel
- Enhance, connect and respond to the Campus’ ecological context.
- Achieve a minimum of LEED Certified standards or equal for new buildings

University of Toronto

PLANNING PRINCIPLES
SUSTAINABLE DEVELOPMENT
Visionary
Inspiring
Educational
Compatible with Academic Mission
Comprehensive
Innovative
Contextual ecological preservation and education
HERITAGE PRESERVATION

• Protect and maintain heritage properties and landscapes

• Respect contextual value of heritage elements

Protect
Preserve
Maintain
Respect
Enhance
Educate

University of Toronto

PLANNING PRINCIPLES
ACCESSIBILITY

- Buildings and landscape must accommodate a diverse population in an open and inclusive campus.

- Adhere to the principles of universal design and AODA.

Inclusive Integrated

University of Toronto

PLANNING PRINCIPLES
MASSING

• Form and scale should be appropriate to the surrounding context, topography and neighborhood edges.

• Enhance the Campus’ sense of community through sensitive scaling and positioning of new buildings.

• Expansion must account for microclimate, shadow and wind conditions.
MASSING

Contextual
appropriate to surrounding neighborhood + landscape

Appropriate
[to the scale and shape of open space and surrounding buildings]

Sensitive

Responsive
[to views and microclimate: shadow and wind]
INTENSIFICATION

• Balance the desire for consolidation and the desire to connect to the outdoor environment.
• Enliven and shape the spaces between and within buildings.
• Strive to achieve the appearance of a complete Campus at each phase of the plan.
• Ensure the adjacent community is addressed in scale and presence, while the image of an academic institution is presented.
INTENSIFICATION

Balanced

Bold

*enhance and enliven open space, emphasis landmarks*

Contextual

Complete

University of Toronto

PLANNING PRINCIPLES
BREAK (15 Minutes)
1. Main Link
2. Five Minute Walk
3. Courtyards
4. Entry Plazas
5. New Entrance
6. Main Quad
7. Connected Residences
8. Integrated Built Form
9. Coordinated Parking, Service and Traffic Plan

University of Toronto Mississauga

KEY ELEMENTS of the UTM 2000 Master Plan
University of Toronto Mississauga

UTM 2000 Campus Master Plan

University of Toronto Mississauga Campus: UTM Master Plan Update

Campus and Facilities Planning | March 9 2010
Drop-off, Transit and Service

Existing Campus Plan
Pedestrian Connections

Existing Campus Plan

- **primary connection**
- **The “Link”**
- **anticipated primary connection**

University of Toronto Mississauga Campus: UTM Master Plan Update

Campus and Facilities Planning | March 9 2010
Potential Development

Sites and Sectors

Building Envelopes
Potential Development Sectors 2010
North Campus

Athletics

South Campus

Outer Ring

Open Space

Residences

Potential Development Sites 2010
Campus Green

North Campus Open Space Study

St. George Open Space
Comparable in size

* Shown at 60%
Academic Quad

South Campus Open Space Study
Drop-off, Transit and Service
Potential Development Sites 2010
Pedestrian Connections

Potential Development Sites 2010

University of Toronto Mississauga Campus: UTM Master Plan Update

Campus and Facilities Planning | March 9 2010
Potential Development Sites 2010
What is a Building Envelope?
CAMPUS VIEW 3
SOUTH CAMPUS VIEW

Academic Quad
Proposed Development on Lot 9

VIEW: toward Health Science Complex from Outer Circle Road
VIEW: toward the South Build front entrance from the Transit Stop
VIEW: 5 minute walk toward the North Building Site
Next Steps
THANK YOU

Campus and Facilities Planning:

Elizabeth Sisam
Sarah Birtles

UTM Office of the CAO:

Paul Donoghue
Aubrey Iwaniw

Contact: masterplan.2010@utoronto.ca