Site Opportunities and Constraints
Project Study Areas
1. Primary: principle structure/under roof
2. Secondary: immediate project limit/inside fence/core service
3. Tertiary: extended project limit/approach

Project Study Area: North
- Minimal room for structure expansion
- Urban character
- Building scale differential
- Limited green space/select mature trees
- Late afternoon shadows
- Emergency vehicle staging (NE)
Project Study Area: **West**
- Extended room for structure expansion
- Complex shared pedestrian/vehicular circulation pattern
- Principle approach area
- Undefined green space/mid-age trees
- Late afternoon sun
- Handicapped vehicular parking

Project Study Area: **South**
- Moderate room for structure expansion
- Building scale/location varied/contrasting
- Balanced urban/green space character
- Strong green space framework/mature trees
- Late afternoon sunlight
- Winter snow removal/pathway
Project Study Area: **East**
- Extended room for structure expansion
- Primary service entry/staging
- Substantial green space/gardens/mature trees
- Elevated cross pedestrian circulation
- Morning sunlight
- Connections to Hotel/lake

**Climate Impacts**
- Large roof surfaces direct rainfall to perimeter N/S
- Connect with natural ravine flow to lake E/W
- Winter snow loads weighted to south roof surface
- Summer sun path full light in open space S/W
- Summer breeze blocked by bleachers S/W
Climate Impacts

- Large roof surfaces direct rainfall to perimeter N/S
- Connect with natural ravine flow to lake E/W
- Winter snow loads weighted to south roof surface
- Summer sun path full light in open space S/W
- Summer breeze blocked by bleachers S/W
Surface Water Runoff Mitigation

- Area-wide water quality improvement strategy
- Integrated roof/ground plane systems
- Integrated bioswales/raingarden/garden water system
- Part of campus-wide strategy of green space enhancement
On-Site Renewable Energy

- Large SW facing roof structures available for energy conversion
- Part of campus-wide strategy for sustainable energy practices
- Connectivity to Hotel systems
Garden Greenspace Pattern
1 – Founder’s Glen
2 – Athenaeum Circle Garden
3 – Hacker Garden
4 – Carnahan Jackson Garden

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Pedestrian Approach/Access

- Principle approach from NW
- Secondary approach from SE
- Connectivity to Bestor Plaza/Hotel
- Primary entries NW SW
- Secondary entries NE SE

Pedestrian Approach/Access: **Northwest**

- Principle approach from NW
- Secondary approach from SE
- Connectivity to Bestor Plaza/Hotel
- Primary entries NW SW
- Secondary entries NE SE
Pedestrian Approach/Access: **Southwest**
- Principle approach from NW
- Secondary approach from SE
- Connectivity to Bestor Plaza/Hotel
- Primary entries NW SW
- Secondary entries NE SE

**Contextual Materials/Form**
- North: brick, painted wood, 1 ½ – 3 FL
- West: painted wood, 2 – 3 FL
- South: brick, painted wood, 2 – 3 FL
- East: painted wood, 3 – 4 FL
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Rethink/Redesign Pedestrian Ways
Freight and Delivery Access