URBAN DESIGN GUIDELINES

**Master Plan**
- Design Guidelines
  - Vision
    - Neighborhood Character
  - Districts
    - Locate Design Elements
- Elements
  - Streets
  - Open Space
  - Buildings
- Plan Review
  - Sketch Plan/Project Plan
  - Site Plan
  - Board Approval

Zoning Ordinance
Road Code
Subdivision Regulations
Environmental Regulations
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Context

Key West Avenue
Great Seneca Highway
Darnestown Road
Shady Grove Road
Muddy Branch Road
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Districts

LSC Central
Adventist Hospital Center
Johns Hopkins
J. Craig Venter Institute
National Cancer Institute

LSC West
Public Services Training Academy

LSC Belward
Belward Farmstead

LSC North
DANAC
Office Parks
Housing

LSC South
University of Maryland
Human Genome Sciences

June 10, 2010
Plan Vision

- Establish a street network
- Extend CCT
- Create LSC Loop
- Focus building heights
- Locate important buildings
- Create new open spaces
- Link with stream network
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Buildings
- Street Defining Buildings
- Concealed Parking
- Sustainable Buildings
- Design Excellence

Open Spaces
- CCT Transit Plazas
- Linear Parks
- Stream Valley Buffers
- Public Use Space

Streets
- Streetscape Improvements
- LSC Recreation Loop
- Grade-Separated Intersections

Guidelines
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Buildings

Street Wall Definition

Active Street Fronts

Concealed Parking
Sustainability

- Green roofs and living walls
- Natural ventilation
- Recyclable and renewable materials
- Adaptive reuse
- Passive solar design
- Renewable energy

Design Excellence

- Diverse building styles
- Flexible structures
- Innovative building materials
- Façade articulation
- Ground floor transparency
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Transit Streets

150 ft R.O.W.

Either Bus Rapid Transit or Light Rail

20 ft sidewalk with a minimum 5 ft setback
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Interchanges

Minimize crossing distance
Mitigate fast entry and egress
Continuous streetscape
Bike lanes
Aesthetic consideration
The LSC Loop

- Distinct from sidewalk
- Include transitions in high activity areas
- Enhanced road crossings

On-Road with CCT

On-Road without CCT

Off-Road
Open Space

CCT Transit Plazas

Linear Parks

Stream Valley Buffers
LSC Central

¼ acre CCT Transit Plaza

Primary frontage on Broschart Road

Create landmark entrance to AHC

Civic building: Fire station
Primary frontage on Medical Center Drive

Improve crossing at CCT and Great Seneca

Landmark building at Great Seneca Hwy and Darnestown Road

Child-friendly CCT transit plaza
LSC Belward

Linear transit plaza
Allow evolution of research functions
10-20’ setback above 60’ adjacent to farm
Strong architectural relationship to farm