Physical Planning Principles:

The following principles are established to guide the physical development on the campus.

1. **Help Realize the Institutional Vision**
   The land and other physical resources of the campus will be used to help achieve the University’s Strategic Plan.

2. **Enhance Campus Sustainability**
   The campus plan protects and enhances existing natural environments (woodlands, wetlands, and floodplains) and creates connections with adjacent habitats; new development is guided by principles of smart growth and environmental stewardship.
   
   • **Practice Good Environmental Stewardship**
     Long-term environmental and economic sustainability are primary goals in the planning for new facilities, renovation of existing buildings and (the location of) supporting utilities and infrastructure. LEED silver certification is the campus goal for new construction and major renovation; the positioning and siting of new buildings maximize solar orientation and natural day lighting, maximize energy efficiency and minimize environmental degradation.
   
   • **Encourage the Use of Transportation other than Personal Vehicles**
     Plans for development will reduce presence of automobiles on campus and encourage and facilitate all modes of transportation—shuttle busses, bicycles, new light rail or Metro lines—that will minimize vehicular congestion, consistent with design and environmental stewardship priorities.

3. **Create an Attractive, Coherent and Pedestrian-friendly Design for the Campus**
   Circulation patterns, a landscape framework, an open space network, and prescribed building placements connect the spaces, corridors, and districts within a unified campus setting. The coherent campus design recognizes and reinforces natural environmental patterns, campus planning traditions, and neighborhood organizational patterns, and increases operational effectiveness.
   
   • **Emphasize the Importance of Open Spaces**
     Campus design affirms the essential importance of open spaces—natural areas, lawns, malls, plazas, patios, places to sit, etc.—to the image, organization, and quality of the campus environment.
   
   • **Achieve Appropriate Development Patterns**
     Long-term development patterns, land uses, redevelopment and renovation strategies, and are designed to utilize and balance available land and financial resources effectively and respect the desire to create a coherent and sustainable campus. Projected development patterns emphasize appropriate building densities and configurations, e.g. compact or spread out, that accommodate goals such as walk-ability, connectivity, and community.
• **Improve the Quality and Attractiveness of the Campus Landscape**
  Enhance the campus' Arboretum and Botanic Garden landscape to bring aesthetic pleasure to the campus community and enhance the University’s teaching and research missions.

• **Increase the Appeal of the Campus for Pedestrians**
  Campus planning will encourage pedestrians to easily and safely cross the campus through appropriate design in and between campus areas and careful control of vehicular access.

• **Enhance Campus Security**
  Planning and design of all areas of campus will make personal safety and the security of public and personal property a priority.

4. **Strengthen Relationships with the Neighboring Communities**
   Planning and design patterns increase the sense of community among those on campus, strengthen connections to the surrounding neighborhood communities, and ensure the campus is an important and attractive destination for residents of the region and all citizens of the State.

5. **Embrace Campus Traditions and Heritage**
   New development on the campus uses nationwide campus planning best-practices. Plans respect historic and existing development patterns, affirm intrinsic cultural and social traditions, and reinforce important district-specific land use and physical characteristics.
Goals for 2011-2030 Facilities Master Plan

Environmental Stewardship

1. Foster environmental stewardship.

2. Conserve the Campus Forest and increase the Campus Tree Canopy.

3. Restore the natural hydrologic cycle.

4. Minimize conflicts between utilities and landscape and environmental improvements.

5. Recognize the natural value, cultural & heritage value, pedagogic value and development value of University land.

Landscape Design

1. Develop the Arboretum and Botanic Garden Landscape of the Campus in a way that celebrates our heritage, enhances personal security, brings aesthetic pleasure to members of the University community, provides accessibility and creates a sense of place unique to the campus.

2. Develop the Arboretum and Botanic Garden Landscape of the Campus in such a way that it is highly regarded by those interested in horticulture, landscape architecture, sustainability and environmental science.

Pedestrian and Vehicular Circulation

1. Create an increasingly pedestrian friendly campus which encourages efficient, pleasant and safe walking on campus.

2. Improve the campus experience for bicyclists, transit/shuttle users and vehicle users.

3. Encourage the reduction of carbon emissions associated with daily commuting to the campus. Establish financial and operational policies which support this goal.

4. Reduce congestion and conflicts by locating new garages on the periphery of the campus.
FMP Issues of Interest to the Community

1. Reducing the Demand for Campus Parking Spaces and Existing Parking.

2. Campus Drive.

3. Purple Line.

4. Pedestrian friendliness; Bicycles; Scooters.

5. Additional Campus Recreation Facilities needed:
   - A 150-190 KSF south campus recreation center;
   - 150,000 SF of lighted, outdoor artificial turf space;
   - 14 additional tennis courts.

6. Conserve the Campus Forest and increase the Campus Tree Canopy.

7. Pedestrianize Stadium Drive between Paint Branch Drive and Regents Drive.

8. Aesthetic Concerns associated with the location of a New Indoor Practice Facility for ICA.

9. Competing Interests for Scarce campus Land will require Tough Choices and make future development More Expensive: parking garages, demolition of existing facilities, mixed use facilities, larger facilities.

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