The University of Massachusetts
Draft Campus Master Plan Update
Faculty Senate
February 2nd 2012
Evolution of the Process

- Collected Ideas
- Created Alternatives
- Combined Alternative
- Suggested a Preferred Direction
- Developed the Draft Plan
- Advance the Final Plan
Over the past year Months

• 125 Events
• Over 400+ Hours
• With
  – Campus Stakeholder Groups
  – CPPC, UPAC, PTAB, Pedestrian Safety, etc.
  – Faculty Senate
  – Individuals
  – Open Campus Forums
  – Neighborhood Groups
  – Town of Amherst Planning Board

• Over 1,000 Web Site Visits
Update on Utilities Planning

- Utilities Master Planning Approach
- Electrical
- Steam
- Chilled Water
- Storm Water
- Sewer
- Water
- Telecommunications
Utilities Master Planning Approach

- Campus master plan sets system-wide direction.
- Document and maintain existing conditions in enterprise GIS.
- Develop systems modeling software using GIS.
- Use modeling software to analyze master plan development capacity to set system framework.
- Through maintenance of staff and model use our “real-time” analytical capabilities to plan and scope all capital development projects.
- Write policies regarding utility development that support system flexibility and reliability and implements green building guidelines, green-house gas goal and other sustainability efforts.
- Update and supplement design standards and guidelines to support plan and policies.
The Draft Plan

- Guiding Principles
- The Future
  - Campus Systems
  - Phase One
Guiding Principles

- Create growth opportunities in the core
- Form an open space framework to include courts, spines and complete Streets
- Build campus not just buildings
- Untangle vehicular and pedestrian circulation
- Develop a 24/7/12 campus – mixed use
- Unify academic campus
- Respect planning and building heritage
Creating a Campus

- Open Space
- Pedestrian Circulation
- Roadways
- Bike Ways
- Land Use
Open Space

Existing
Pedestrian Spines

Existing
Pedestrian Spines

Existing

Proposed
Roadways

Existing
Land Use

Existing

Hadley Farm

Proposed

Hadley Farm
This space can accommodate approximately:

- 24,300 Students
- 8,000 Faculty/Staff
- 12,500 Beds
Rising to the Challenge: Program Growth

Campus Total in 12.5M GSF

- 37% Academic
- 31% Residential
- 6% Recreation
- 6% Student Life
- 16% Admin
- 5% Garages

This space can accommodate approximately:

- 28,000 Students
- 8,800 Faculty/Staff
- 14,000 Beds
ACADEMIC
• Bartlett Replacement Space (61,400 gsf)
• Hills Replacement Space (49,700 gsf)
• New Life Sciences (NLSB Phase 3) (148,000 gsf)
• New Academic/Student Life Building (55,000 gsf)
• New Building Bartlett Site - (64,900 gsf)
• New Physical Sciences (350,000 gsf)
• Totman Addition (15,500 gsf)

CAMPUS LIFE
• Student Union Addition/Hampden Renovations
• Disk Golf Course
• University Health Services Facility

SUPPORT
• Football Stadium Addition (38,400 gsf)
• Stadium Press Box (8,700 gsf)
• Champion Center (49,500 gsf)
• Complete Streets Program Improvement
• Hicks Pedestrian/Service Way
• Mullins Way Extension
• Electrical Substation
• Material Handling Facility
• Stockbridge Pedestrian Corridor
• Sustainable Energy Sources Solar
• Tilson Farm Structural Testing Facility
• West Lawn Improvement
• Parking Structure (670 Spaces)
• Parking Lot (280 Spaces)
a division of facilities and campus services

Wilson Architects, Ayers Saint Gross Architects and Planners, VHB, Tighe and Bond
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