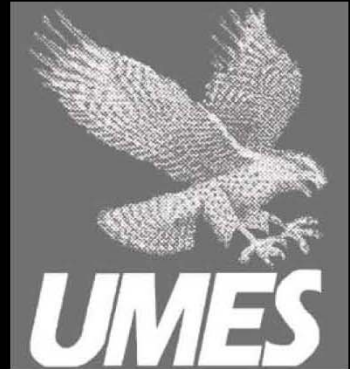


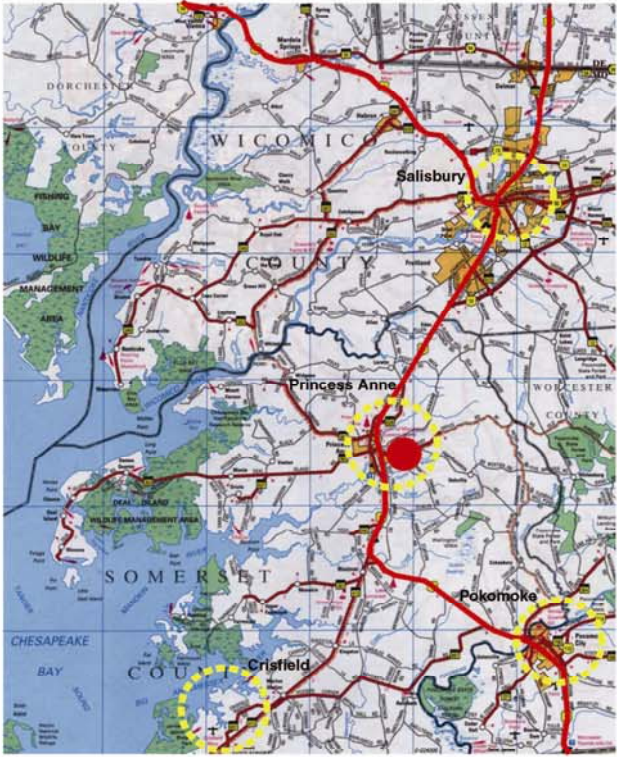


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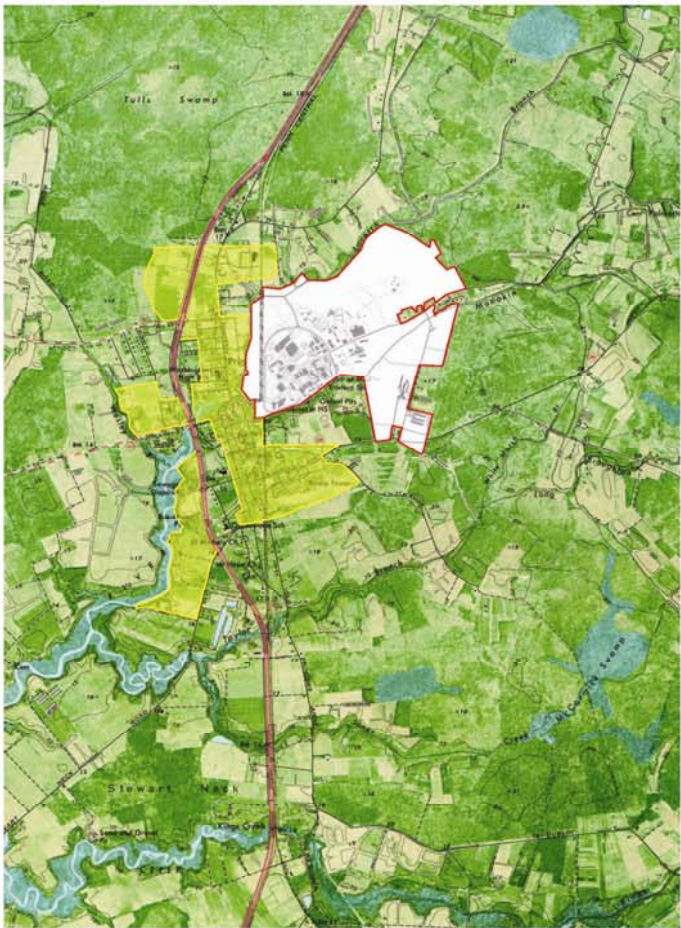
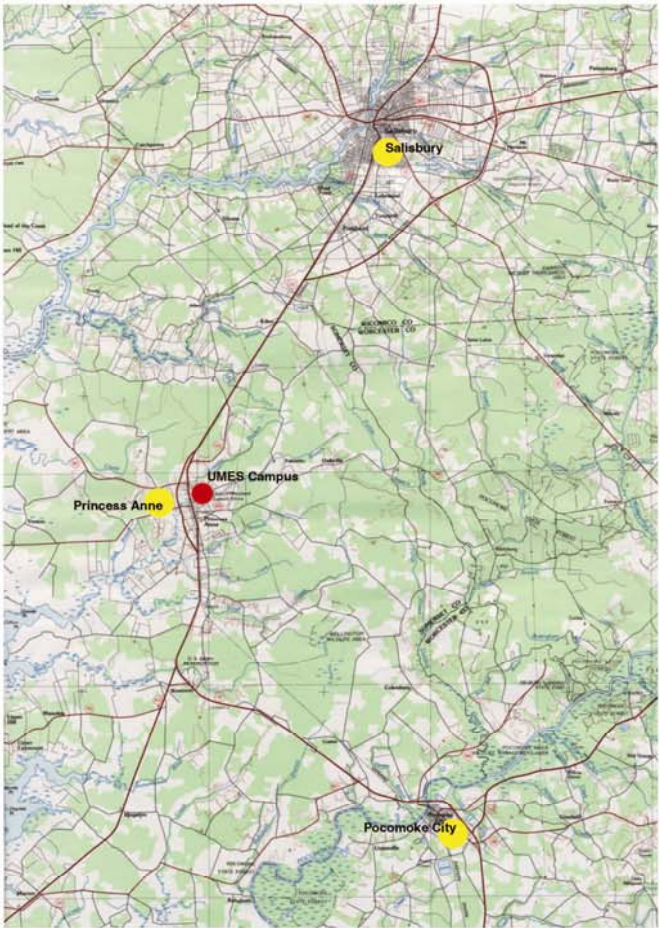
Update to the 2002-2012 Master Plan
MASTER PLAN
2008 - 2018

UMES Location:



- LEGEND**
- UMES CAMPUS
 - MAJOR METROPOLITAN CITIES
 - ADJACENT TOWNS
 - ADJACENT TOWNS
 - MAJOR ROUTE

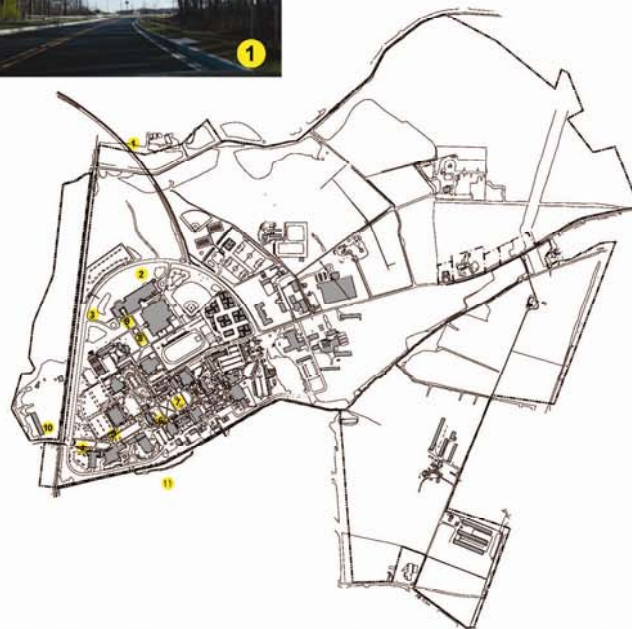
UMES Location:



- LEGEND**
- UMES CAMPUS
 - PRINCESS ANNE
 - UMES
 - SHUTTLE DESTINATIONS



UMES Campus Environment:



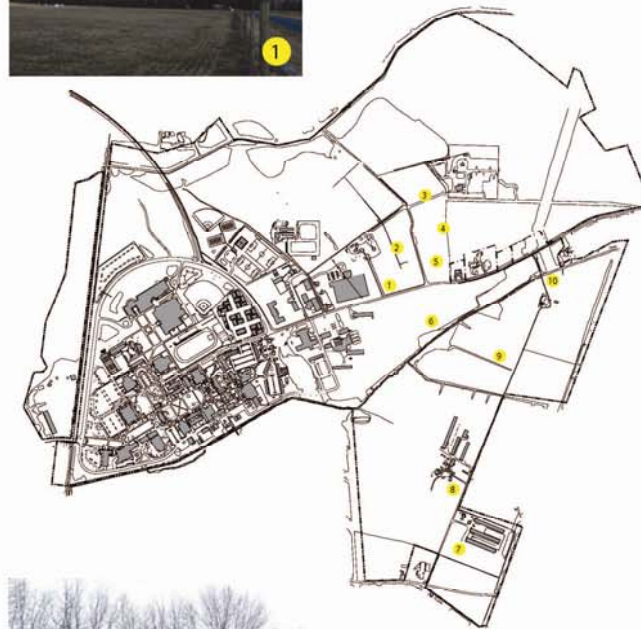
UNIVERSITY OF MARYLAND EASTERN SHORE

CAMPUS SCALE &
ENVIRONMENT

Existing Conditions

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UMES Campus Environment:



UNIVERSITY OF MARYLAND EASTERN SHORE

CAMPUS SCALE &
ENVIRONMENT

Existing Conditions

UMES Campus Environment:



Purpose of the Master Plan

- **Provide an articulated framework for campus development**
- **Prioritize campus development focusing on:**
 - A. Land use plan/districts**
 - B. Open spaces & parking**
 - C. Transportation framework (vehicular/pedestrian)**
 - D. Infrastructure capacity & location**
 - E. Landscape and environmental factors**
 - F. Enhancement of a desired campus image and character**
 - G. Development of a sustainable campus**



The Planning Process:

- **Steering Committee**
 - **University Leaders (all divisions)**
 - **Staff**
 - **Faculty**
 - **Student Government Association (SGA)**
 - **Town and County Representatives**
- **Project Team**
- **University of Maryland Eastern Shore/University System of Maryland**
- **The Plan has been presented to the Campus and Community representatives.**



The UMES Mission and Initiatives:

- **UMES mission as Land Grant**
- **Responds to economic and educational needs of the region, state and the nation**
- **Participates in engagement and collaborations focusing on K-12, community colleges, higher education, etc.**
- **Participates in workforce development**



The UMES Mission and Initiatives:

- **Provides critical education in the areas of teaching, aviation science & engineering, allied health, physical therapy, physician assistant, rehab services, construction technology, business economics, hospitality, etc.**
- **Aspires to Carnegie Classification Doctoral Research Universities Intensive Classification with doctoral degrees in food & agricultural science, physical therapy, organizational leadership, pharmacy**



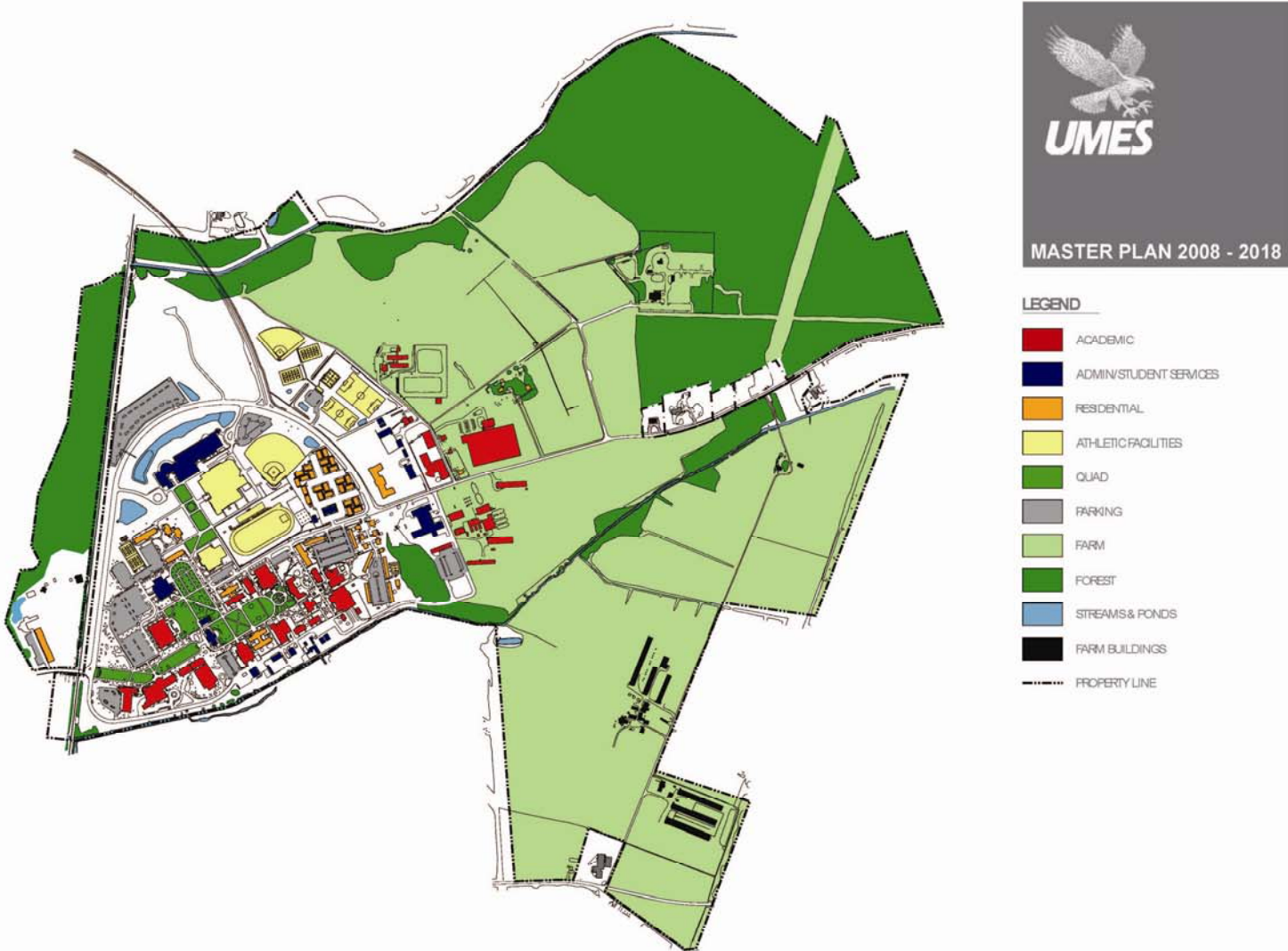
UMES Enrollment Data (Fall 2008 – 2018):



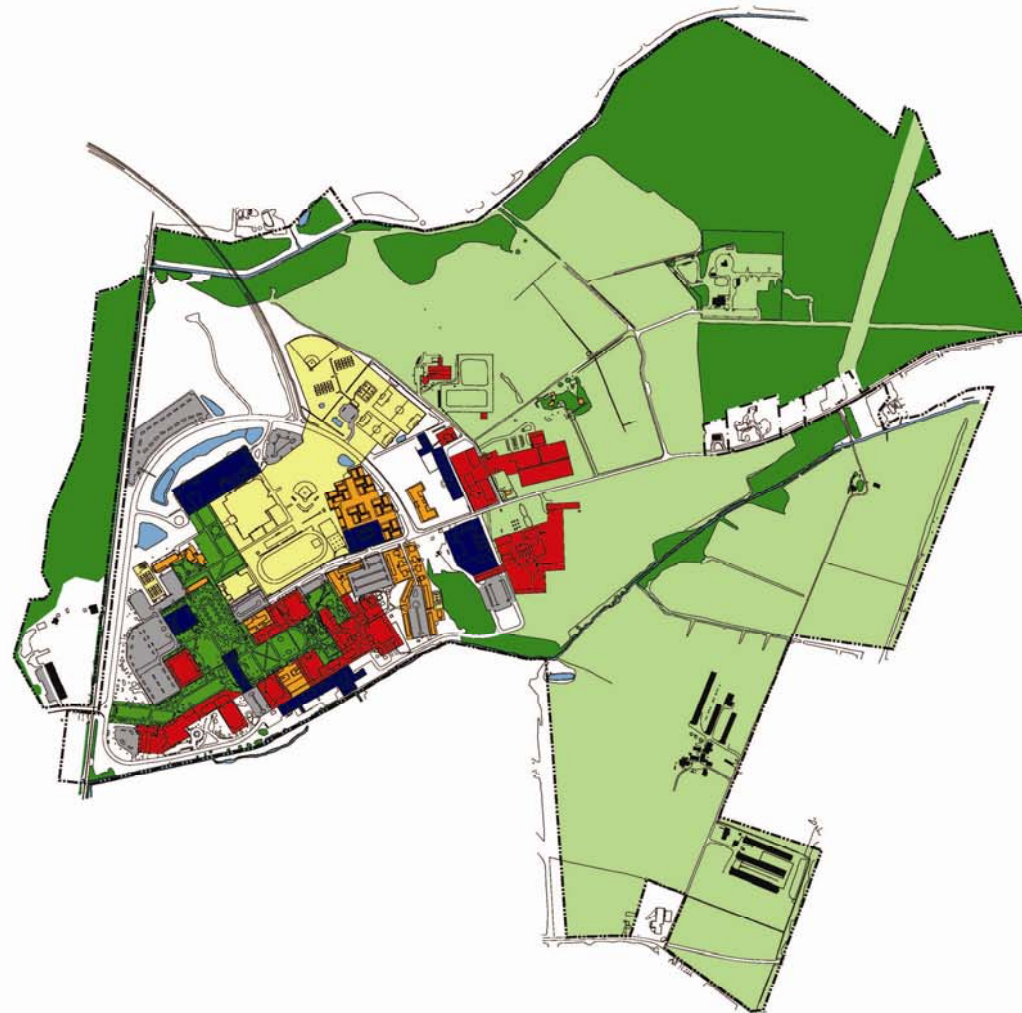
	Fall 2008	Fall 2018
• Headcount	4,290	5,358
• FTE	3,821	4,772
• FTDE	3,271	4,085
• Campus Beds	2,100	2,923
• Off-campus Affiliated Beds	400	0
• Parking Spaces	2,432	3,317
• Other Parking	0	1,650



Land Use Plan:



Land Use Districts:



MASTER PLAN 2008 - 2018

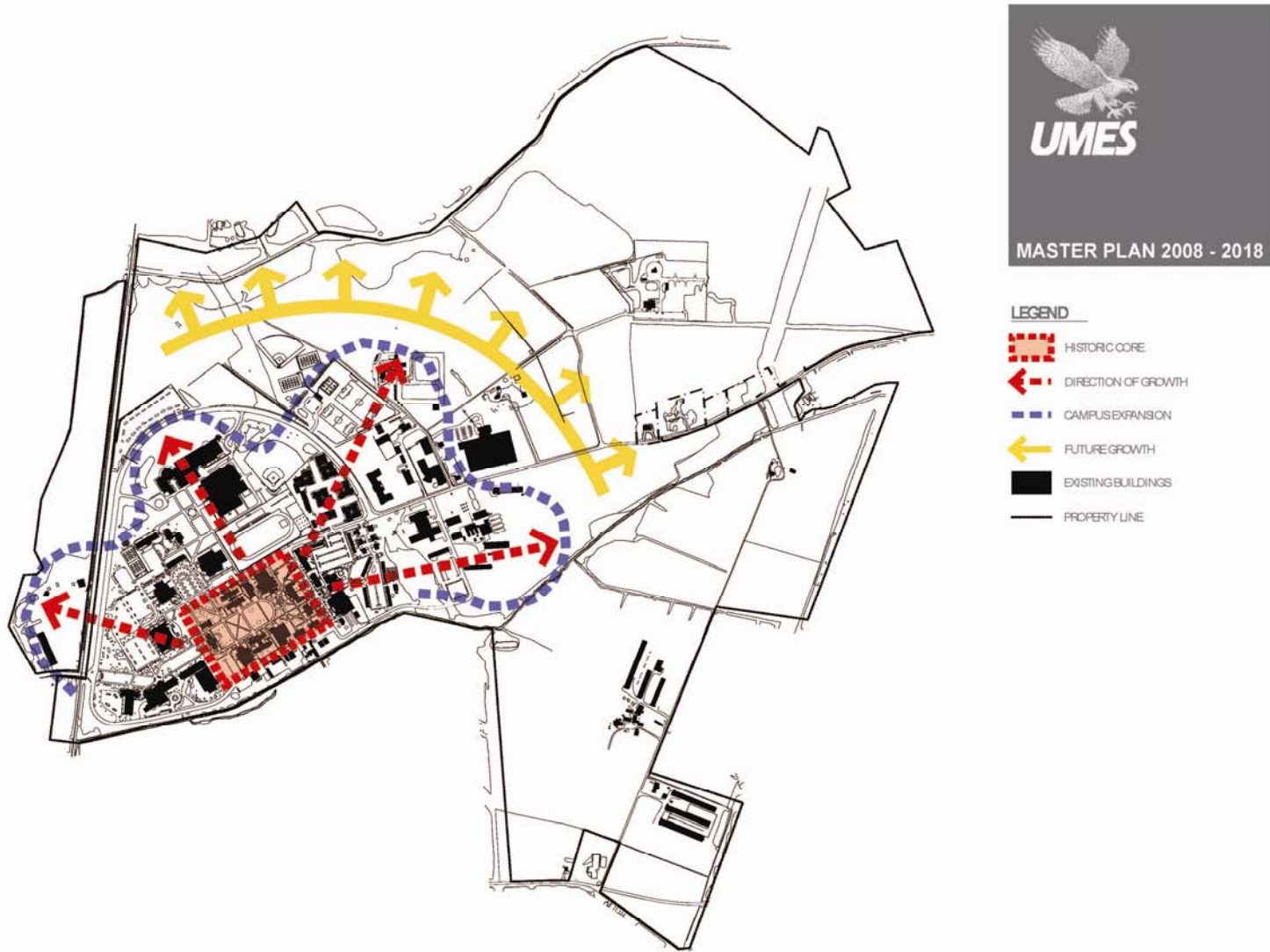
LEGEND

- ACADEMIC
- ADMIN/STUDENT SERVICES
- RESIDENTIAL
- ATHLETIC FACILITIES
- QUAD
- PARKING
- FARM
- FOREST
- STREAMS & PONDS
- FARM BUILDINGS
- PROPERTY LINE

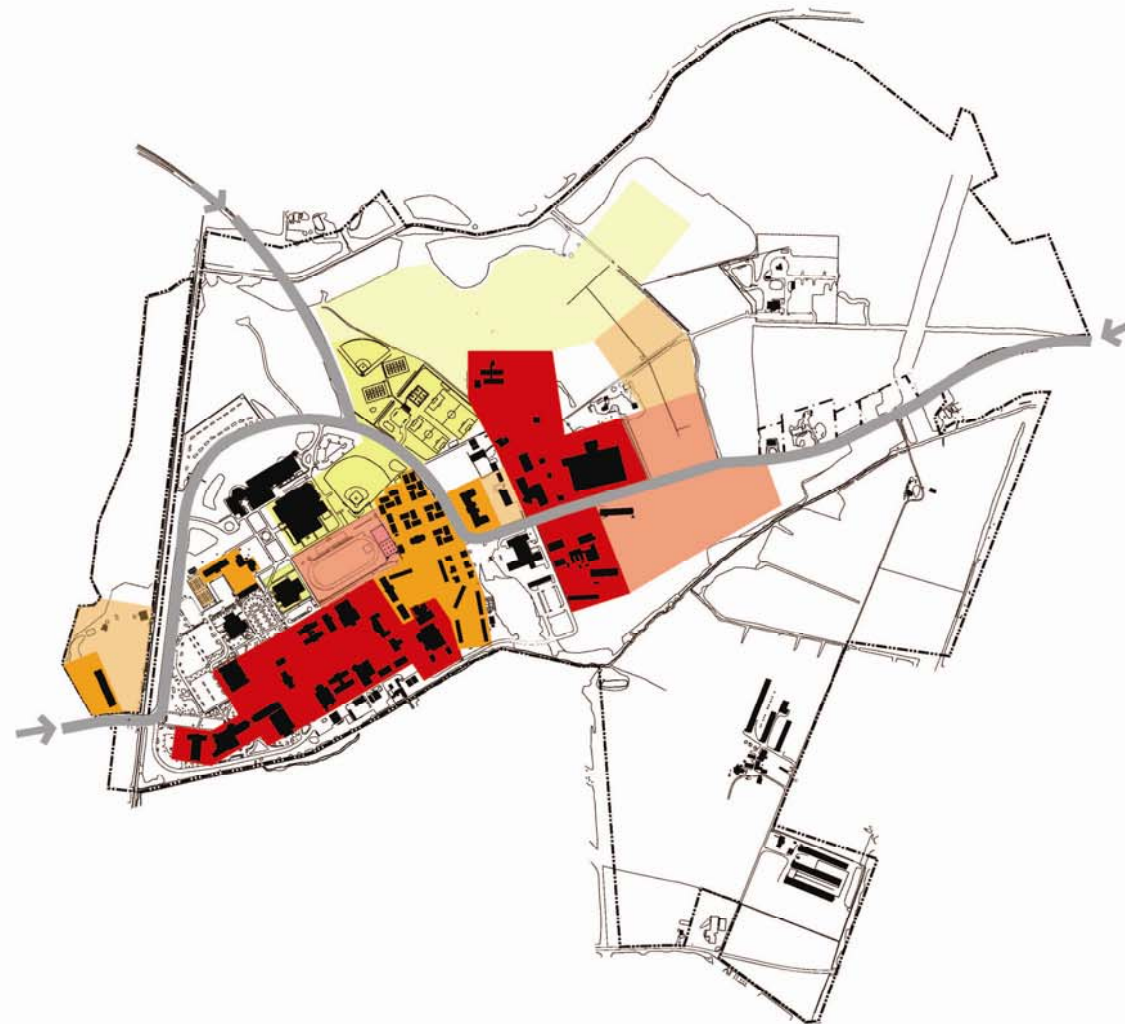
Environmental Analysis:



Campus Growth Pattern:



Proposed Campus Districts:

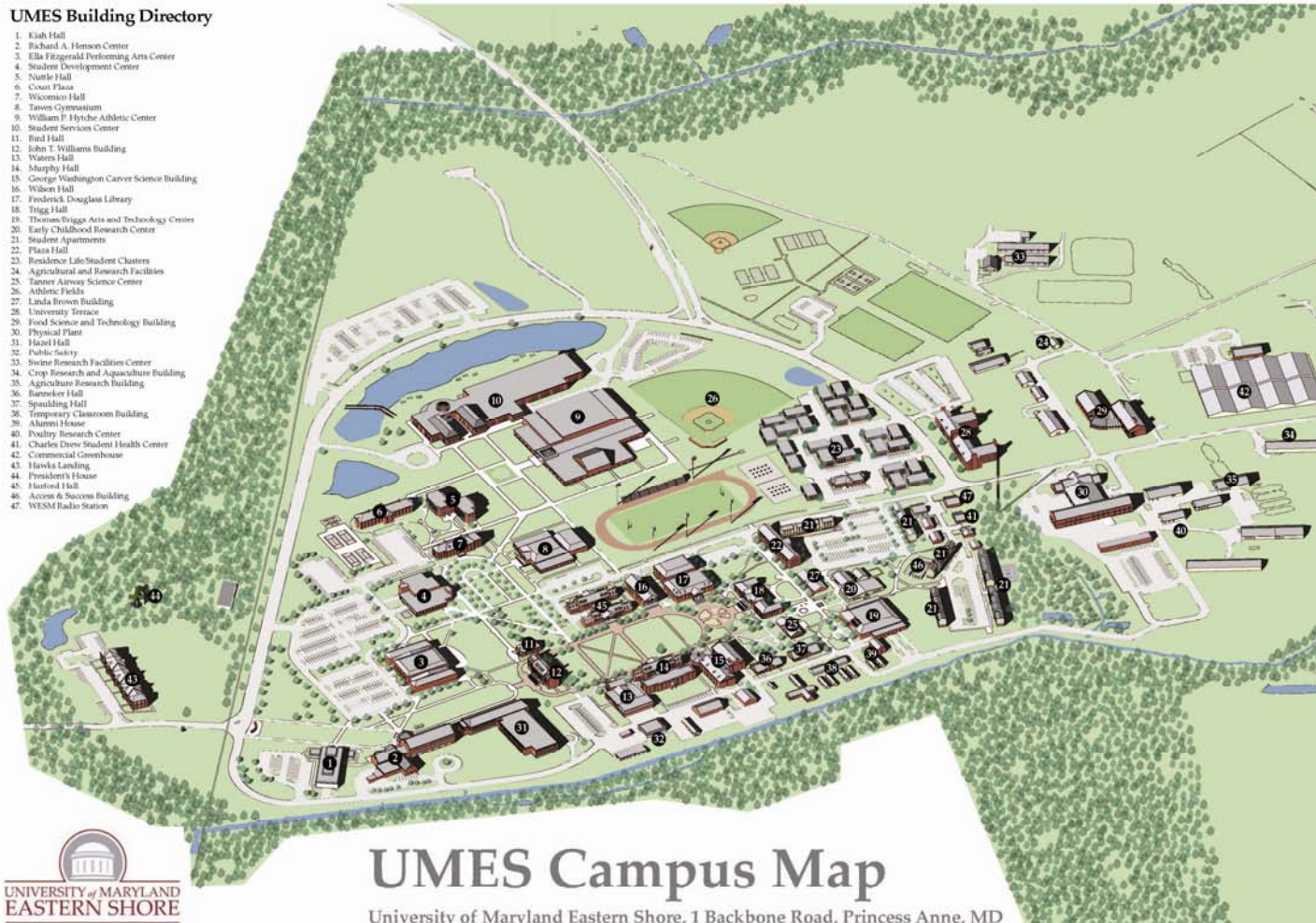


LEGEND

- EXISTING - ACADEMIC
- PROPOSED - ACADEMIC
- EXISTING - RESIDENTIAL
- PROPOSED - RESIDENTIAL
- EXISTING - ATHLETIC
- PROPOSED - ATHLETIC
- EXISTING BUILDINGS
- VEHICULAR CIRCULATION
- PROPERTY LINE

UMES Building Directory

1. Kiah Hall
2. Richard A. Henson Center
3. Ella Fitzgerald Performing Arts Center
4. Student Development Center
5. Nantle Hall
6. Court Plaza
7. Wisconsin Hall
8. Tawes Gymnasium
9. William F. Hytche Athletic Center
10. Student Services Center
11. Bird Hall
12. John T. Williams Building
13. Waters Hall
14. Murphy Hall
15. George Washington Carver Science Building
16. Wilson Hall
17. Frederick Douglass Library
18. Trigg Hall
19. Thomas Briggs Arts and Technology Center
20. Early Childhood Research Center
21. Student Apartments
22. Plaza Hall
23. Residence Life-Student Clusters
24. Agricultural and Research Facilities
25. Tanner Airway Science Center
26. Athletic Fields
27. Linda Brown Building
28. University Terrace
29. Food Science and Technology Building
30. Physical Plant
31. Hazel Hall
32. Public Safety
33. Swine Research Facilities Center
34. Crop Research and Aquaculture Building
35. Agriculture Research Building
36. Bantwerker Hall
37. Spaulding Hall
38. Temporary Classroom Building
39. Alumni House
40. Poultry Research Center
41. Charles Drew Student Health Center
42. Commercial Greenhouse
43. Hawks Landing
44. President's House
45. Harford Hall
46. Acorn & Sycamore Building
47. WESM Radio Station



UNIVERSITY OF MARYLAND EASTERN SHORE



MASTER PLAN 2008 - 2018

EXISTING
CAMPUS MAP

Existing Conditions

Proposed Capital/System Funded Projects:



MASTER PLAN 2008 - 2018

Capital Funded Projects in the Next 10 Yrs

Project #	Building	Classification	NASF	GSF	Start Construction
1	Aviation Science and Engineering Center	NEW	89,755	163,350	2012
2	Replacement of Early Childhood Center	NEW	25,165	43,800	2014
3	Construction of Farm Support Building	NEW	25,200	36,000	2012
4	Kiah Hall Building Renovation	Renovation	33,019	55,934	2014
5	Arts and Technology Building Renovation	Renovation	28,970	50,497	2014
6	Wilson Hall Renovation	Renovation	8,101	13,000	2014
7	Carver Hall Renovation and Addition	Renovation	51,000	160,345	2013
8	Performing Arts Renovation and Addition	Renovation	42,000	78,127	2014
9	Trigg Hall Renovation	Renovation	16,227	27,509	2015
10	Construction of Pharmacy Building	NEW	23,000	38,000	2016
11	Douglass Library Renovation and Addition	Renovation/Addition	14,600	26,000	2014
12	Site Improvement Projects Campuswide	Upgrade	n/a	n/a	2015
13	J.T. Williams Building Renovation and Addition	Renovation/Addition	11,719	18,764	2017
14	Construction of Aquaculture Wildlife Building	NEW	14,600	26,000	2017
15	UMES Research Center	NEW	24,000	36,000	2017

System Funded Projects

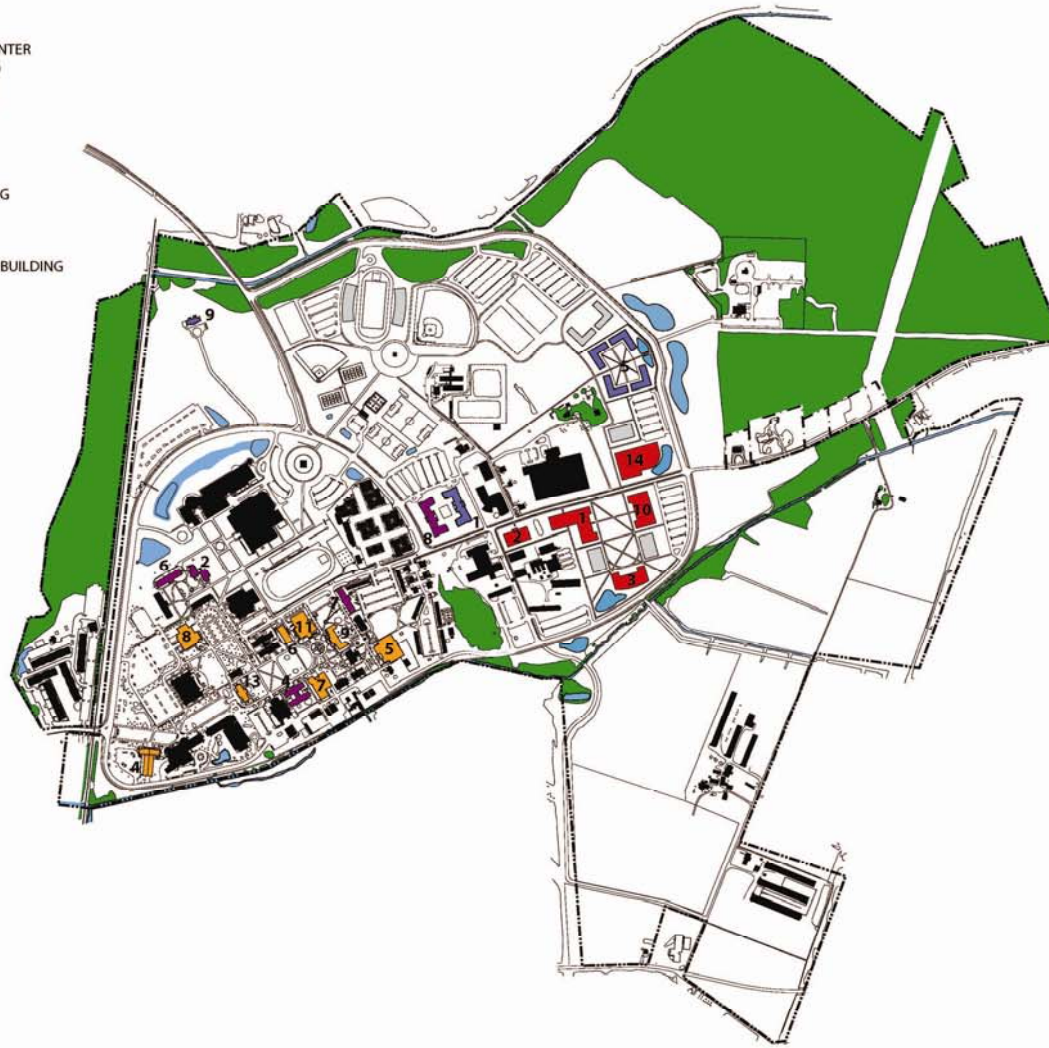
Project #	Building	Classification	NASF	GSF	Start construction
1	400 Bed Residence Hall Phase II	NEW	71,000	90,000	2011
2	Nuttle Hall Residential Renovation	Renovation	13,678	22,392	2012
3	New 400 Bed Residence Hall Phase III	NEW	71,000	90,000	2012
4	Murphy Hall Annex Renovation	Renovation	62,089	71,751	2013
5	Court Plaza Renovation	Renovation	22,378	26,010	2014
6	Graduate Students Apartments	NEW	62,089	71,751	2014
7	Plaza Residence Renovation	Renovation	22,378	26,010	2015
8	University Terrace Renovation	Renovation	62,089	71,751	2015
9	UMES President's Residence	NEW	6,300	7,000	2015
10	Advancement and Alumni Center	NEW	9,000	15,000	2016
11	UMES Sports Complex (10,000 seat football and baseball field)	NEW	N/A	N/A	2016
12	Public Safety Building	NEW	11,000	17,000	2016

Proposed Capital /System Funded Projects:

- CAPITAL FUNDED CONSTRUCTION**
1. AVIATION SCIENCE & ENGINEERING
 2. REPLACEMENT OF THE EARLY CHILDHOOD CENTER
 3. CONSTRUCTION OF FARM SUPPORT BUILDING
 4. KIAH HALL BUILDING RENOVATION/ADDITION
 5. ARTS & TECHNOLOGY BUILDING RENOVATION
 6. WILSON HALL RENOVATION
 7. CARVER HALL RENOVATION/ADDITION
 8. PERFORMING ARTS RENOVATION/ADDITION
 9. TRIGG HALL RENOVATION
 10. CONSTRUCTION OF NEW PHARMACY BUILDING
 11. DOUGLASS LIBRARY RENOVATION/ADDITION
 12. SITE IMPROVEMENT PROJECTS CAMPUSWIDE
 13. J.T. WILLIAMS RENOVATION/ADDITION
 14. CONSTRUCTION OF AQUACULTURE/WILDLIFE BUILDING

- SYSTEM FUNDED CONSTRUCTION**
1. 300 BED RESIDENCE HALL (PHASE 2)
 2. NUTTLE HALL RESIDENCE RENOVATION
 3. 300 BED RESIDENCE HALL (PHASE 3)
 4. MURPHY HALL/ANNEX RENOVATION
 5. GRADUATE STUDENT APARTMENTS
 6. COURT PLAZA RENOVATION
 7. PLAZA RESIDENCE RENOVATION
 8. UNIVERSITY TERRACE RENOVATION
 9. NEW PRESIDENT'S RESIDENCE

*SEE CHART ON PAGE 20



LEGEND

- EXISTING BUILDINGS
- NEW PROJECTS CAPITAL FUNDED
- NEW PROJECTS SYSTEM FUNDED
- RENOVATION PROJECTS CAPITAL FUNDED
- RENOVATION PROJECTS SYSTEM FUNDED
- POTENTIAL DEVELOPMENTS
- PROPERTY LINE



UNIVERSITY OF MARYLAND EASTERN SHORE

**CAPITAL AND
SYSTEM FUNDED
PROJECTS**

Proposed Master Plan

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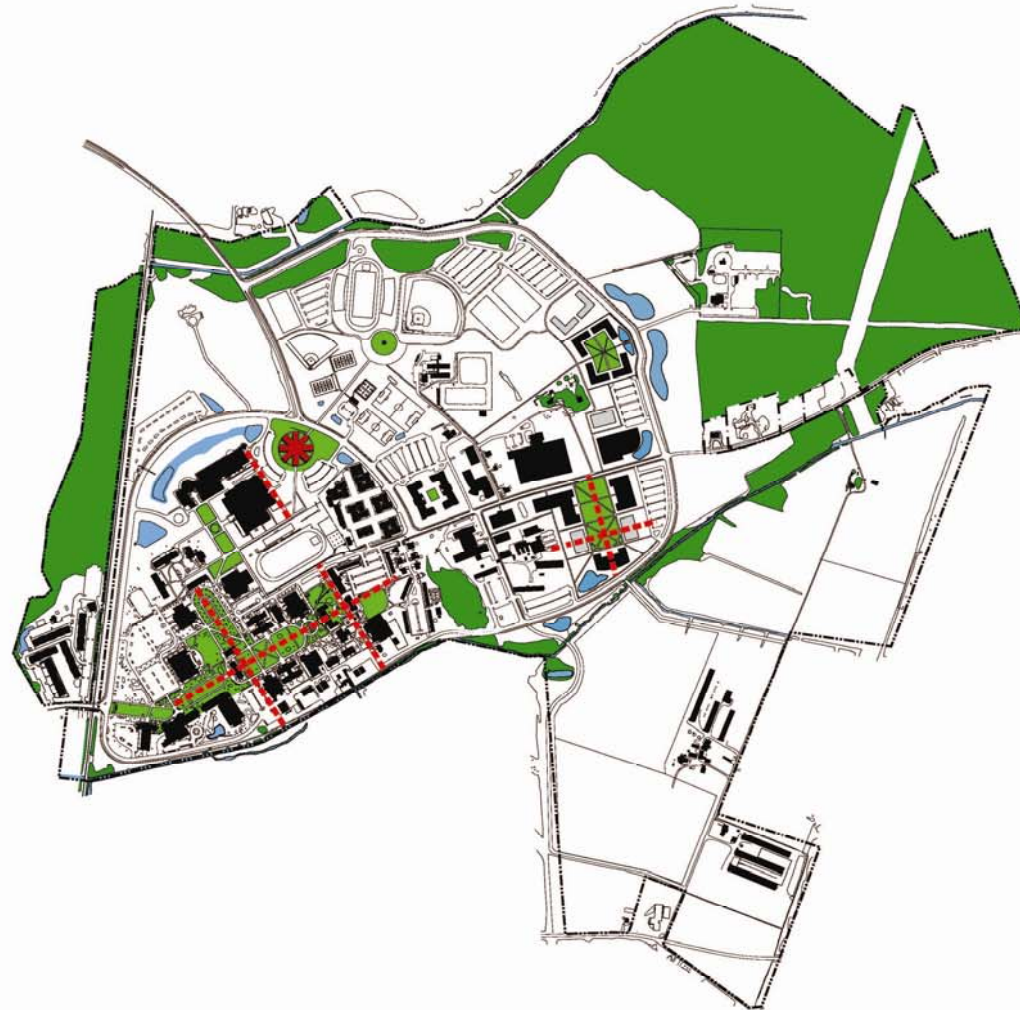
Proposed Vehicular & Pedestrian Circulation:



LEGEND

-  EXISTING & PROPOSED BUILDINGS
-  POTENTIAL DEVELOPMENTS
-  STREAMS & PONDS
-  FOREST
-  VEHICULAR CIRCULATION
-  PEDESTRIAN WALKWAY
-  PROPERTY LINE
-  MAJOR INTERSECTION

Proposed Quad System:

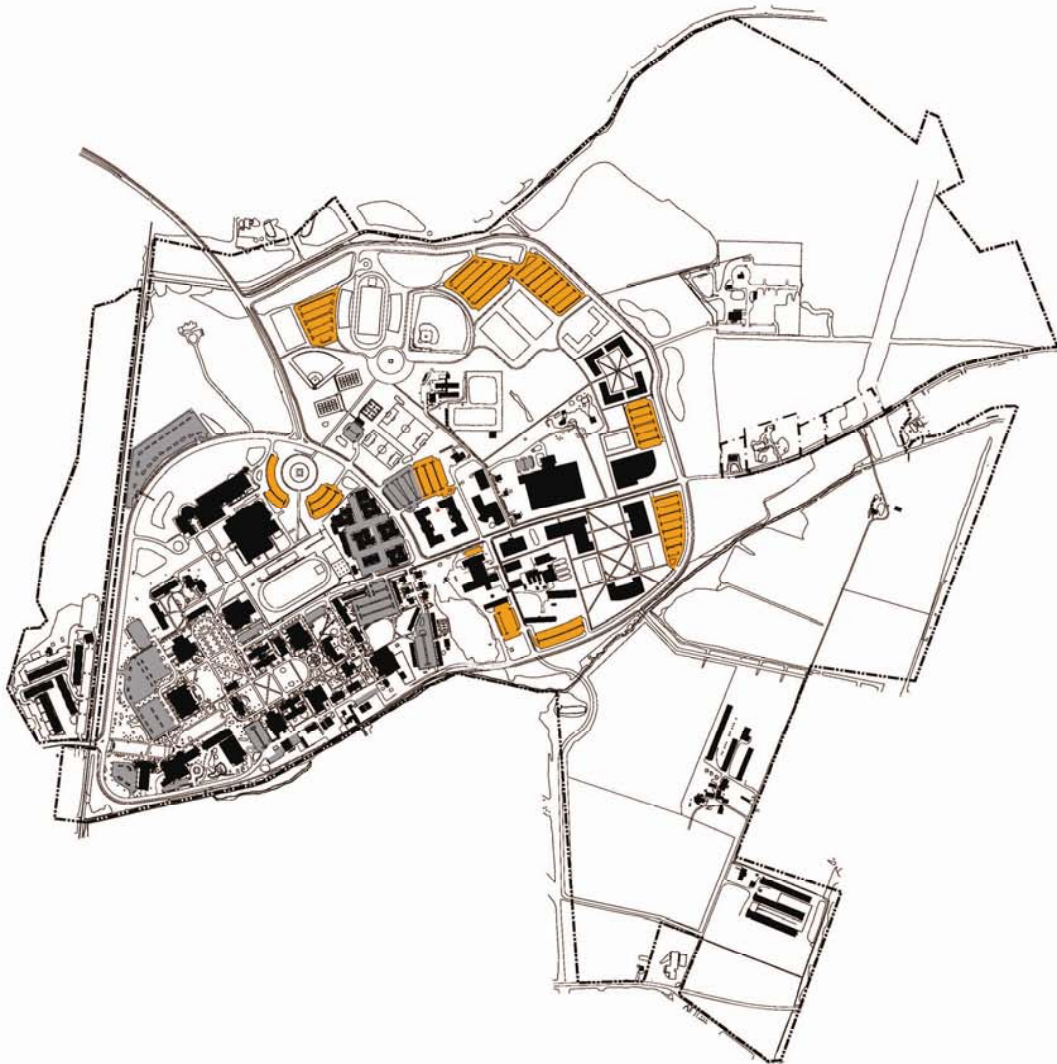


MASTER PLAN 2008 - 2018

LEGEND

- EXISTING & PROPOSED BUILDINGS
- POTENTIAL DEVELOPMENTS
- FOREST
- QUAD
- STREAMS & PONDS
- AXIS
- PROPERTY LINE
- ARRIVAL POINT

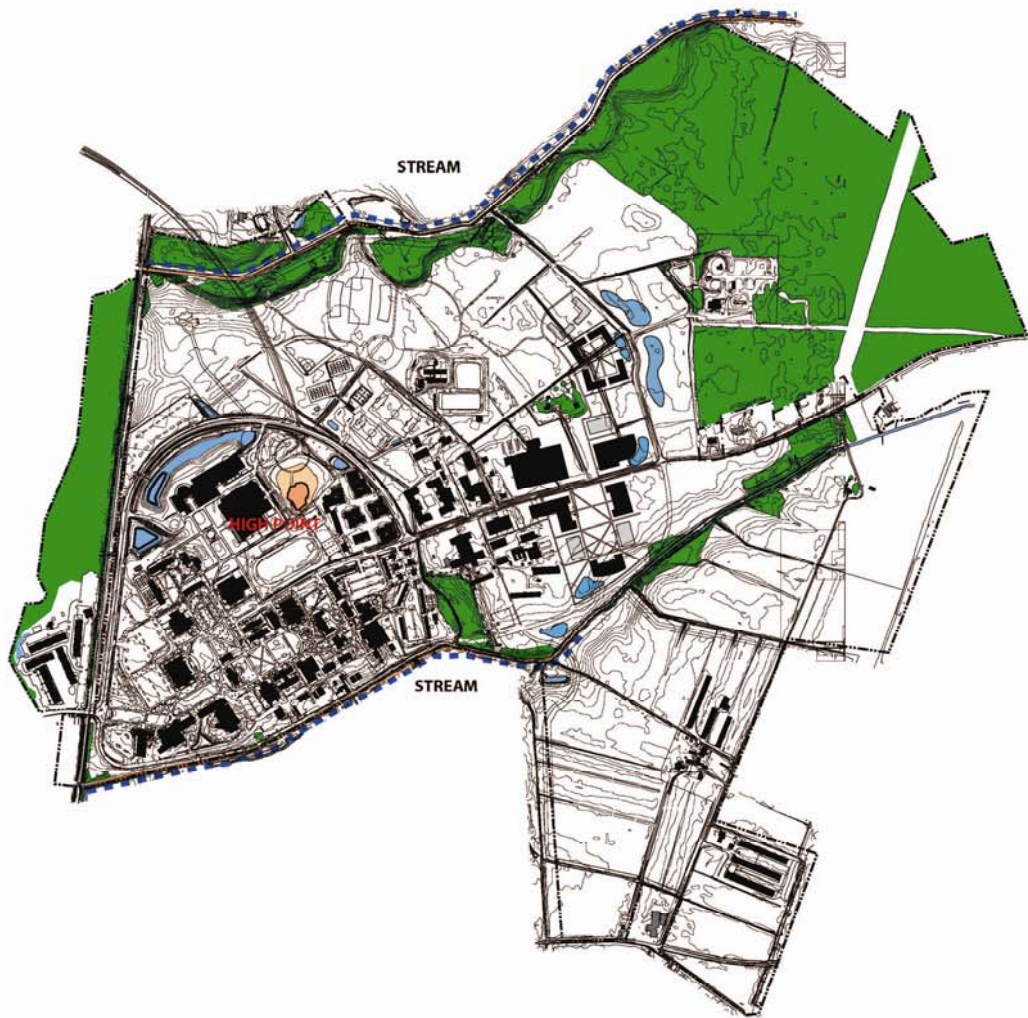
Proposed Parking:



- LEGEND**
- EXISTING & PROPOSED BUILDINGS
 - POTENTIAL DEVELOPMENTS
 - EXISTING PARKING
 - PROPOSED PARKING
 - PROPERTY LINE



Sustainability & Conservation:



- LEGEND
- EXISTING BUILDINGS
 - FOREST
 - STREAMS & PONDS
 - HILL/VALLEY
 - STREAM
 - PROPERTY LINE
 - HIGH POINT



UNIVERSITY OF MARYLAND EASTERN SHORE

PROPOSED
STORM WATER
MANAGEMENT

Proposed Master Plan

Sustainability & Conservation:



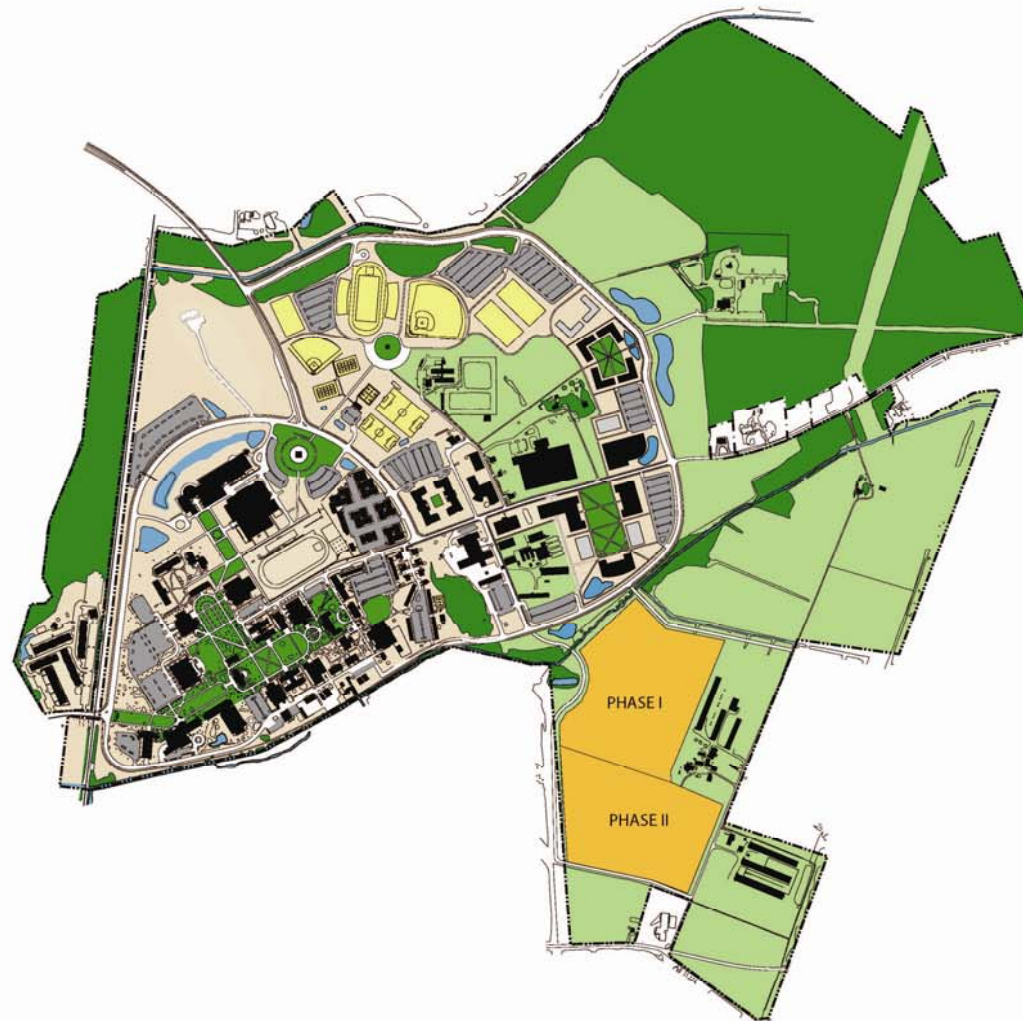
LEGEND

- EXISTING BUILDINGS
- PROPOSED BUILDINGS
- ATHLETIC FACILITIES
- PARKING
- QUAD
- FOREST
- FARM
- STREAMS & PONDS
- FIELD
- PROPERTY LINE
- FUTURE LEED CERTIFIED BUILDINGS

FUTURE LEED BUILDINGS

Sustainability

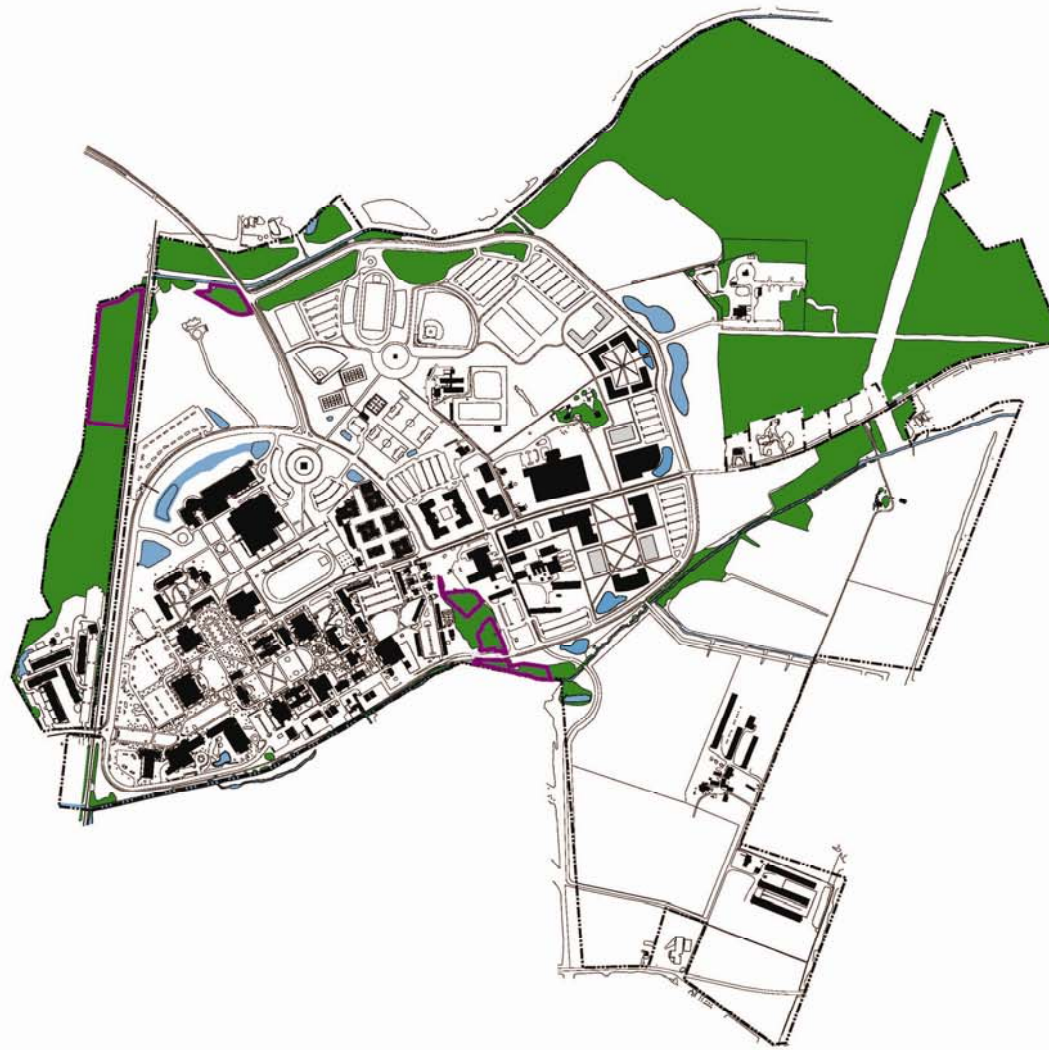
Sustainability & Conservation – Clean Energy:



LEGEND

- EXISTING BUILDINGS
- PROPOSED BUILDINGS
- ATHLETIC FACILITIES
- PARKING
- QUAD
- FOREST
- FARM
- STREAMS & PONDS
- FIELD
- PROPERTY LINE
- FUTURE SOLAR FARM

Sustainability & Conservation:



LEGEND

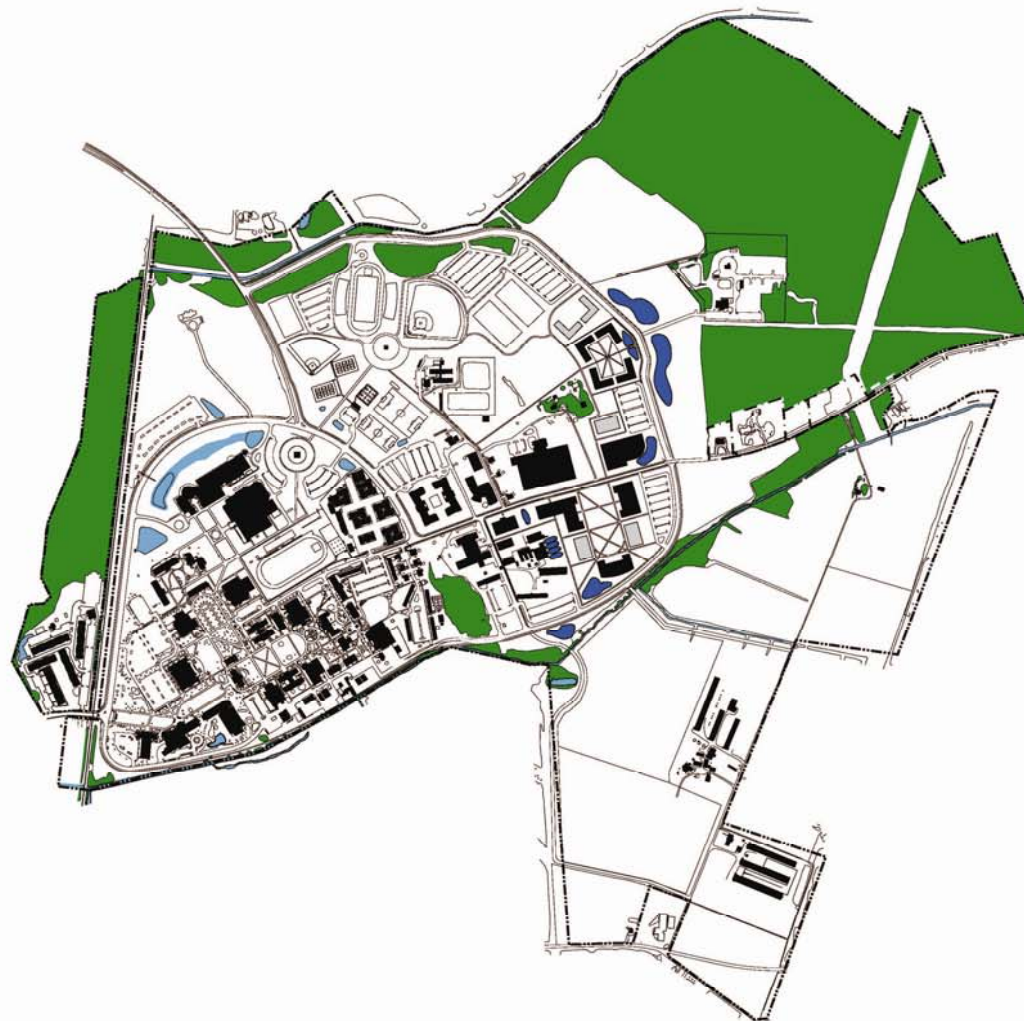
-  EXISTING & PROPOSED BUILDINGS
 -  POTENTIAL DEVELOPMENTS
 -  STREAMS & PONDS
 -  FOREST
 -  PROPERTY LINE
 -  EXISTING FOREST CONSERVATION EASEMENTS
- *ADDITIONAL FCE ACREAGE IS LOCATED ON ASSATEAGUE ISLAND

FOREST CONSERVATION EASEMENTS

Sustainability

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Sustainability & Conservation:



LEGEND

- EXISTING & PROPOSED BUILDINGS
- POTENTIAL DEVELOPMENTS
- STREAMS & PONDS
- FOREST
- PROPERTY LINE
- FUTURE STORMWATER PONDS

Sustainability Initiatives/Principles:

- **USGBC LEED Standards**
- **Material Standards**
- **Mechanical/Electrical Equipment**
- **Roof Configuration**
- **Green Power Production/Purchasing**
 - **Solar Farm**
 - **Biomass Energy**
 - **Energy Star Procurement**
 - **Facility Clustering**
- **Site**
 - **Clustering Facilities**
 - **Campus Housing**
 - **Building Footprints**
 - **Forest Conservation**
 - **Bio Swale Improvement**



Sustainability Initiatives/Principles:

- **Transportation**

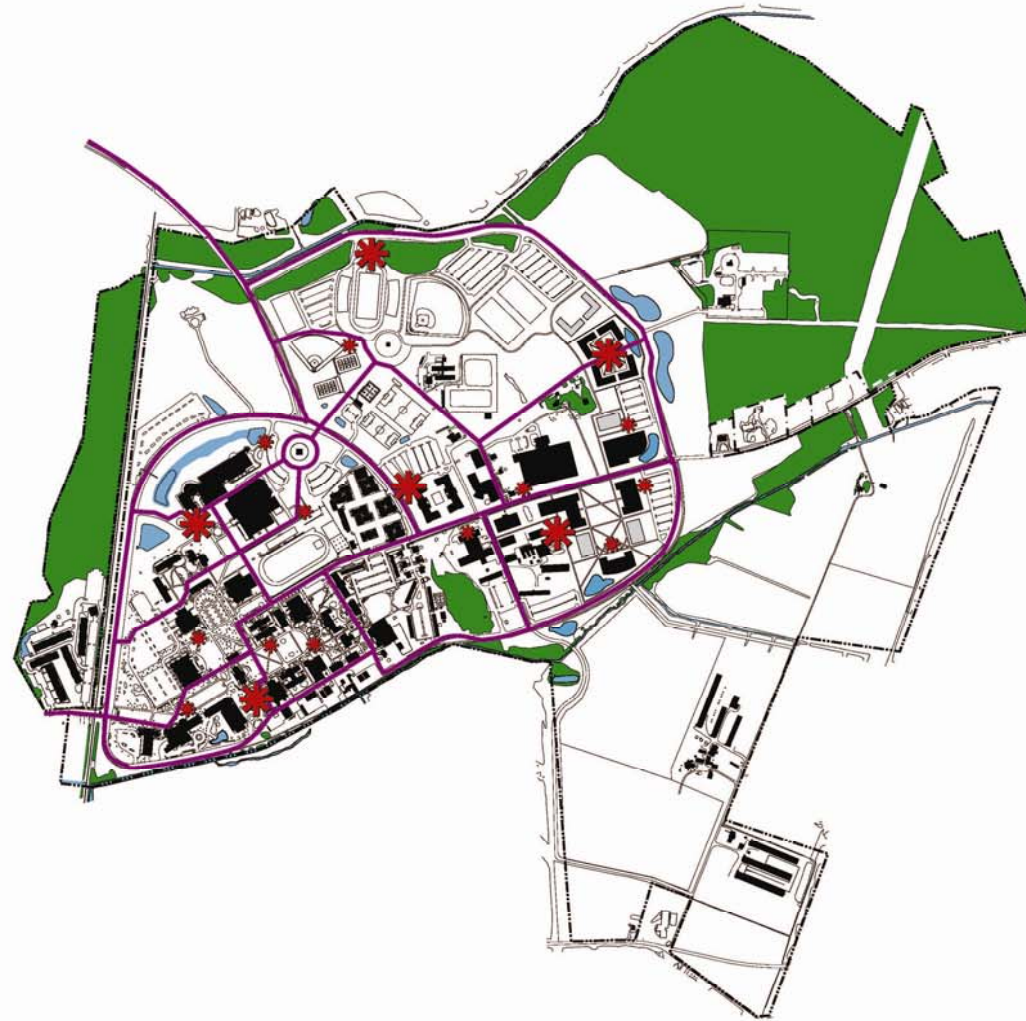
- **Campus Transit (bus/shuttle)**
- **Campus Bike Facilities**
- **Campus Bike Sharing Program**
- **Maintain Bike and Walking Paths**
- **Alternative Fueling System of Campus Vehicles**

- **Water**

- **Comply with LEED & MDE Runoff & Stream Protection during Construction**
- **Storm Water Management Through Maintenance of Pervious Surfaces and The Reduction of The Use of Potable water**



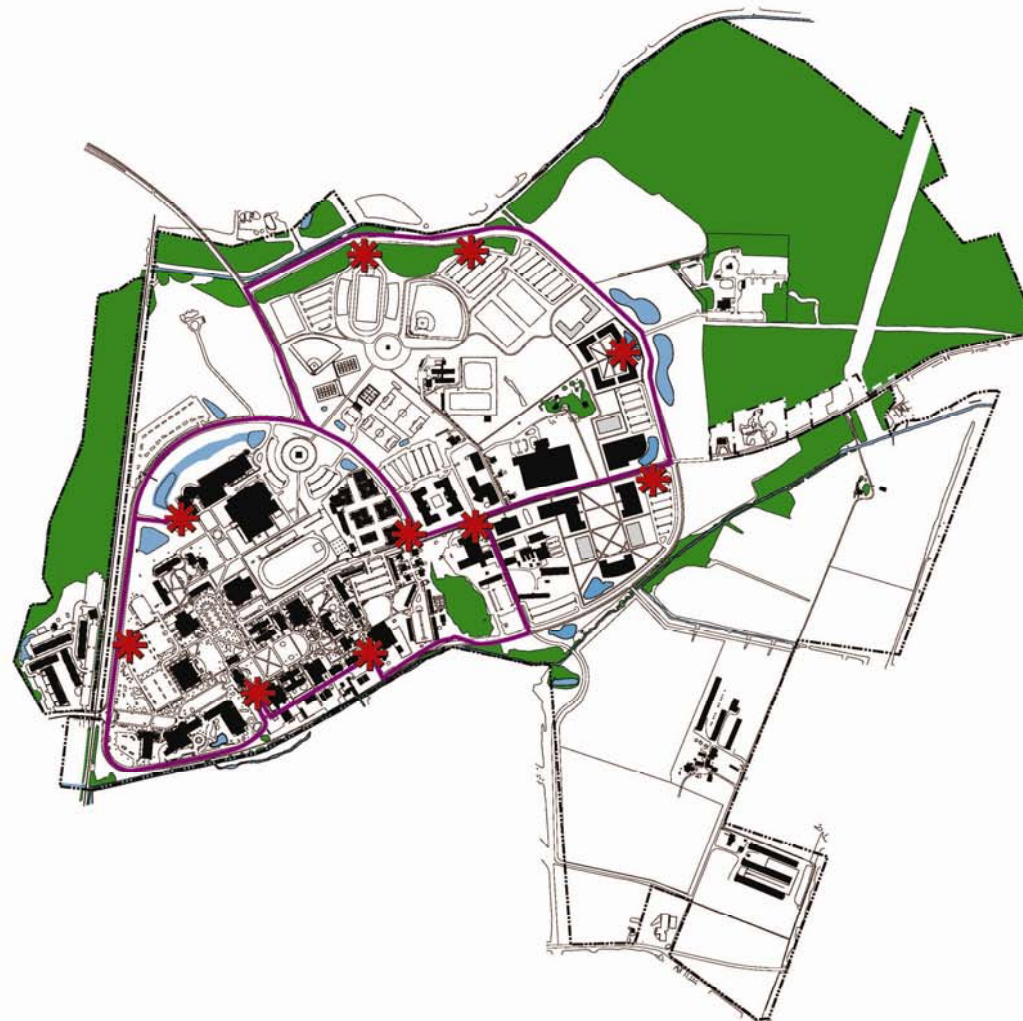
Transportation:



LEGEND

- EXISTING & PROPOSED BUILDINGS
- POTENTIAL DEVELOPMENTS
- STREAMS & PONDS
- FOREST
- PROPERTY LINE
- FUTURE BIKE PATHS
- FUTURE COVERED BIKE STORAGE
- FUTURE BIKE RACKS

Transportation:



LEGEND

- EXISTING & PROPOSED BUILDINGS
- POTENTIAL DEVELOPMENTS
- STREAMS & PONDS
- FOREST
- PROPERTY LINE
- FUTURE SHUTTLE BUS LOOP
- FUTURE SHUTTLE BUS STOP

FUTURE SHUTTLE BUS LOOP

Sustainability

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Sustainability & Conservation

UMES All-Hazard Mitigation Plan

Goals:

- 1. Integrate hazard mitigation with existing plan and guidance**
- 2. Coordinate mitigation policies with the Town of Princess Anne & Somerset County**
- 3. Ensure that new construction and renovations are resistant to one or more hazards**
- 4. Protect the University's valuable and irreplaceable property in safer areas**
- 5. Reduce impacts to critical facilities & make them less vulnerable to hazards**



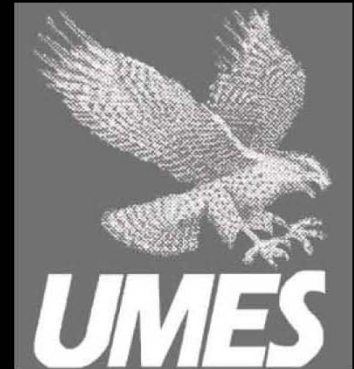
Sustainability & Conservation

UMES All-Hazard Mitigation Plan

Goals:

- 6. Improve coordination and notification procedures during emergencies**
- 7. Ensure regular maintenance of University infrastructure in the 100 year flood plain**
- 8. Protect existing natural resources within the flood plain and watershed**
- 9. Improve public awareness and outreach regarding hazards**





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UNIVERSITY OF MARYLAND EASTERN SHORE

Update to the 2002-2012 Master Plan
MASTER PLAN
2008 - 2018