



East Carolina University

Comprehensive Facilities Master Plan

SMITHGROUP | JJR

Eva Klein & Associates

Brailsford & Dunlavey

RMF Engineers

Martin Alexiou Bryson

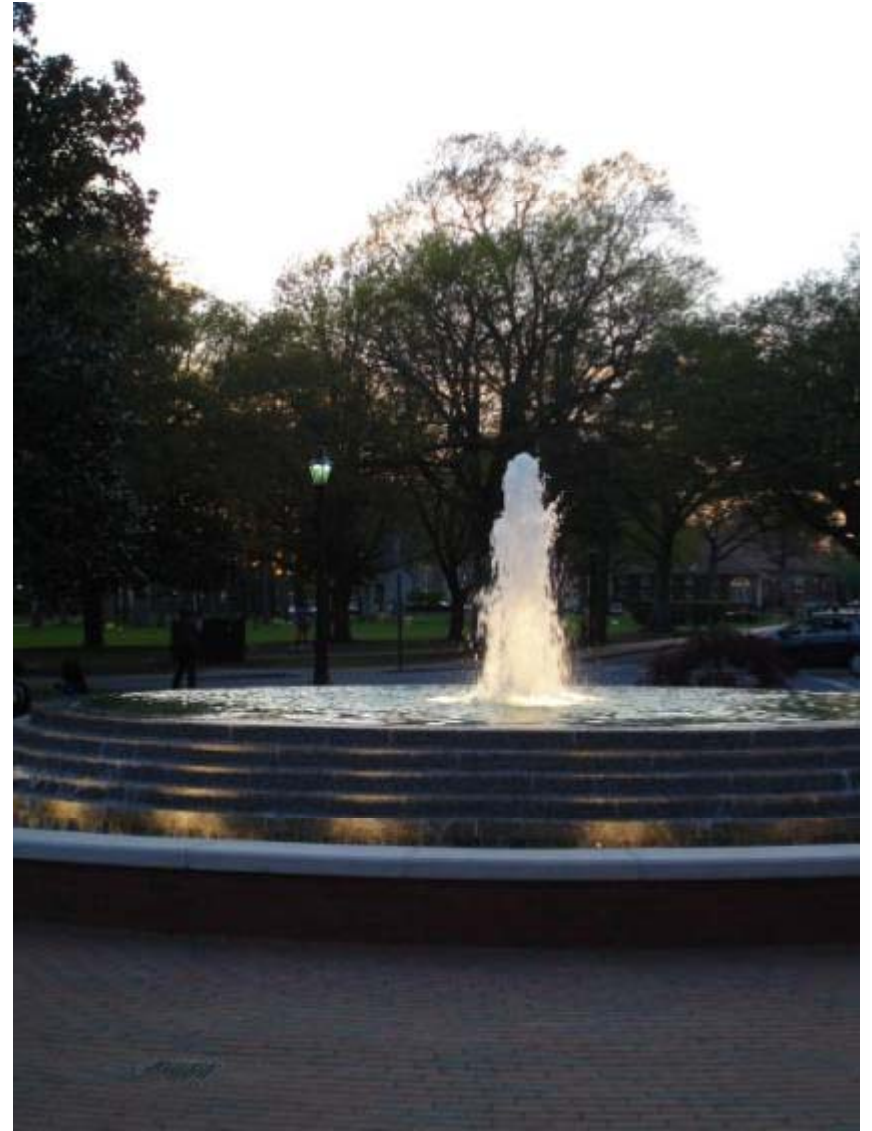
Protection Engineering Group

ISES

**Task 3:
Needs Assessment &
Capital Projects Plan**

East Carolina University \ Comprehensve Facilities Master Plan

- Introduction
- Schedule and Process Overview
- Task 3 Accomplishments & Updates
- Functionality Assessment
- Space Capacity Analysis
- Site Analysis
- Next Steps



Agenda

Master Plan Principles:

Education Outcomes, Instructional Content and Delivery, and the Student Experience

- Change is the constant and capital is scarce. Accordingly, flexibility (adaptability) is the highest imperative.
- Instructional capacity requirements will be based on a deliberate strategy for distribution between face-to-face and online delivery—as well as consideration of other locations used.
- Enhancement of the student experience with and in the campuses is a priority
- In design, configuration, and utilization of instructional space, in addition to flexibility, quality, functionality, and efficiency will be valued as much (or more) than quantity of space



Master Plan Purpose & Goals

Master Plan Principles:

Research, Scholarship, and Related Faculty Community Issues

- Growth of interdisciplinary research and scholarship is a high priority, requiring new facility solutions
- Beyond research space per se, all facility concepts will serve to strengthen the faculty's community of scholarship



Master Plan Purpose & Goals

Master Plan Principles:

Community/Regional Constituencies, Connections, and Partnerships

- ECU's campuses will be welcoming and navigable for community visitors.
- ECU will clarify its strategies for ongoing involvement in initiatives or projects that benefit neighborhoods in Greenville.
- ECU will define its future strategies for its role in downtown Greenville revitalization.
- ECU will pursue opportunities for urban planning coordination with the City of Greenville.
- ECU will sustain and expand clinical health care facilities for the community and region—in current and possible future locations



Master Plan Purpose & Goals

Master Plan Principles:

Community/Regional Constituencies, Connections, and Partnerships

- Knowledge-based business-industry partnerships are a priority for the engaged ECU and suitable facilities solutions are one factor in nurturing these partnerships.
- ECU will consider and expanded “footprint” in the region—including potential use of satellite locations in the counties for instruction and clinical activities



Master Plan Purpose & Goals

Master Plan Principles:

Physical Characteristics of the Campuses

- Physical features and development patterns must create campus identities while, at the same time, enhancing the environment for programmatic collaboration and people connections—between campuses and beyond.
- Impact of the automobile will be reduced, in favor of more pedestrian-friendly places and public transit solutions.
- ECU's campuses will have a high level of safety and security—both real and perceived.
- Advanced information technology capacity will be ubiquitous.



Master Plan Purpose & Goals

Master Plan Principles:

Physical Characteristics of the Campuses

- ECU will achieve carbon neutrality by 2050 and, in the Master Plan, will determine how much of this goal can be attained by 2025. ECU will pursue sustainability with both technical and policy solutions.
- In design and aesthetics, there will be a balance between appreciation of institutional history and anticipation of the future.
- In Planning capital projects, ECU will achieve balance between five objectives: aesthetics, functionality, flexibility, sustainability, and life cycle costs.



Master Plan Purpose & Goals

East Carolina University \ Comprehensve Facilities Master Plan

Master Plan Principles:

Business and Policy Considerations

- Users will be involved in planning new and renovated facilities—but they will be challenged to invent, consider and adopt good new ideas—sometimes breaking tradition.
- Revenue-producing facilities may receive somewhat different treatment in prioritization—especially if funding sources differ from those for non-revenue producing facilities.
- ECU will carry out a principle-based, orderly, prioritized, optimized, and sustained long-term capital development program.
- ECU will assign and reassign all space based on pragmatic principles of efficiency and productivity; in ways that optimize mission accomplishment; and in recognition of the fact that needs change.



Master Plan Purpose & Goals

East Carolina University \ Comprehensve Facilities Master Plan

TASK

I

II

IIIA

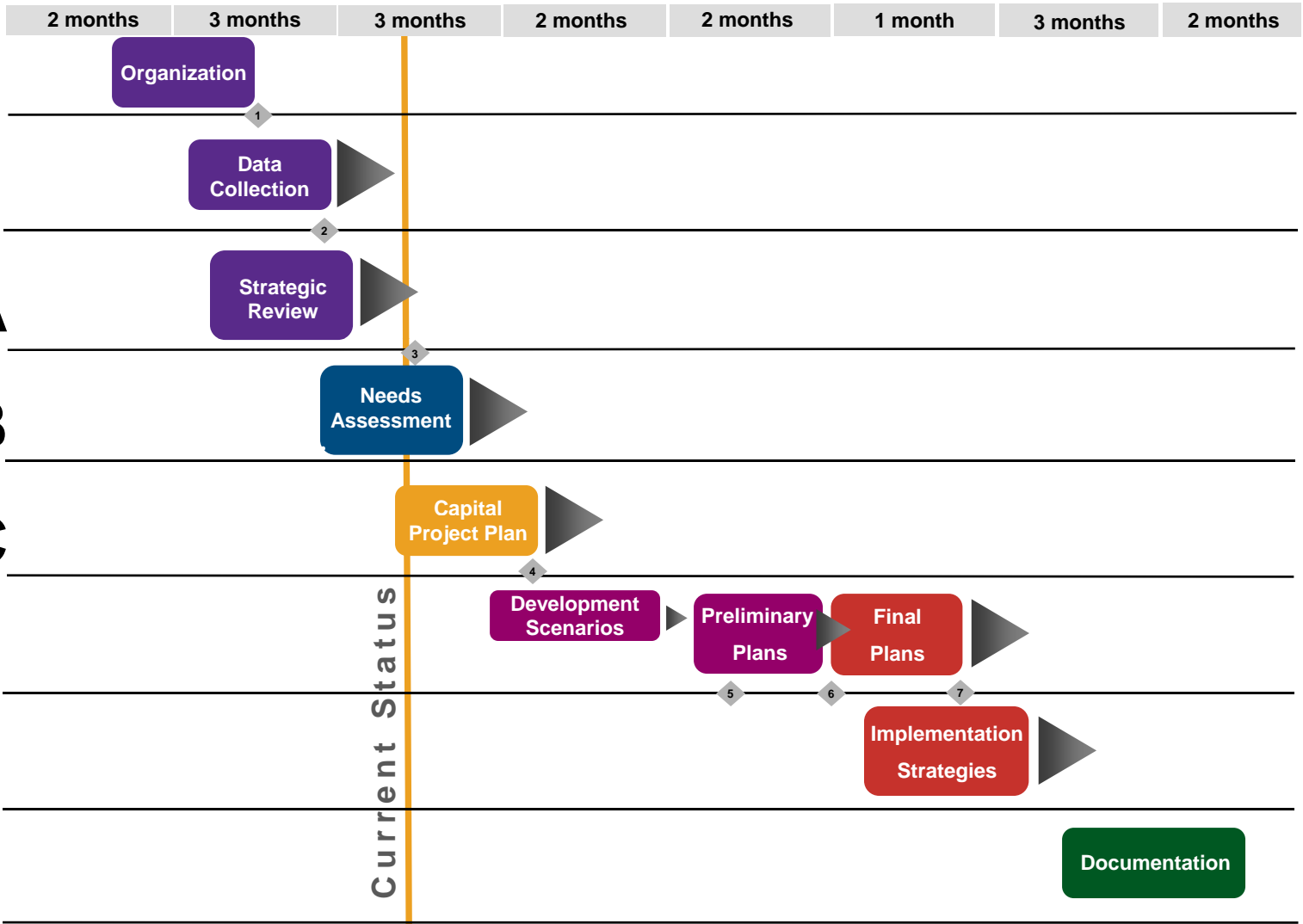
IIIB

IIIC

IV

V

VI

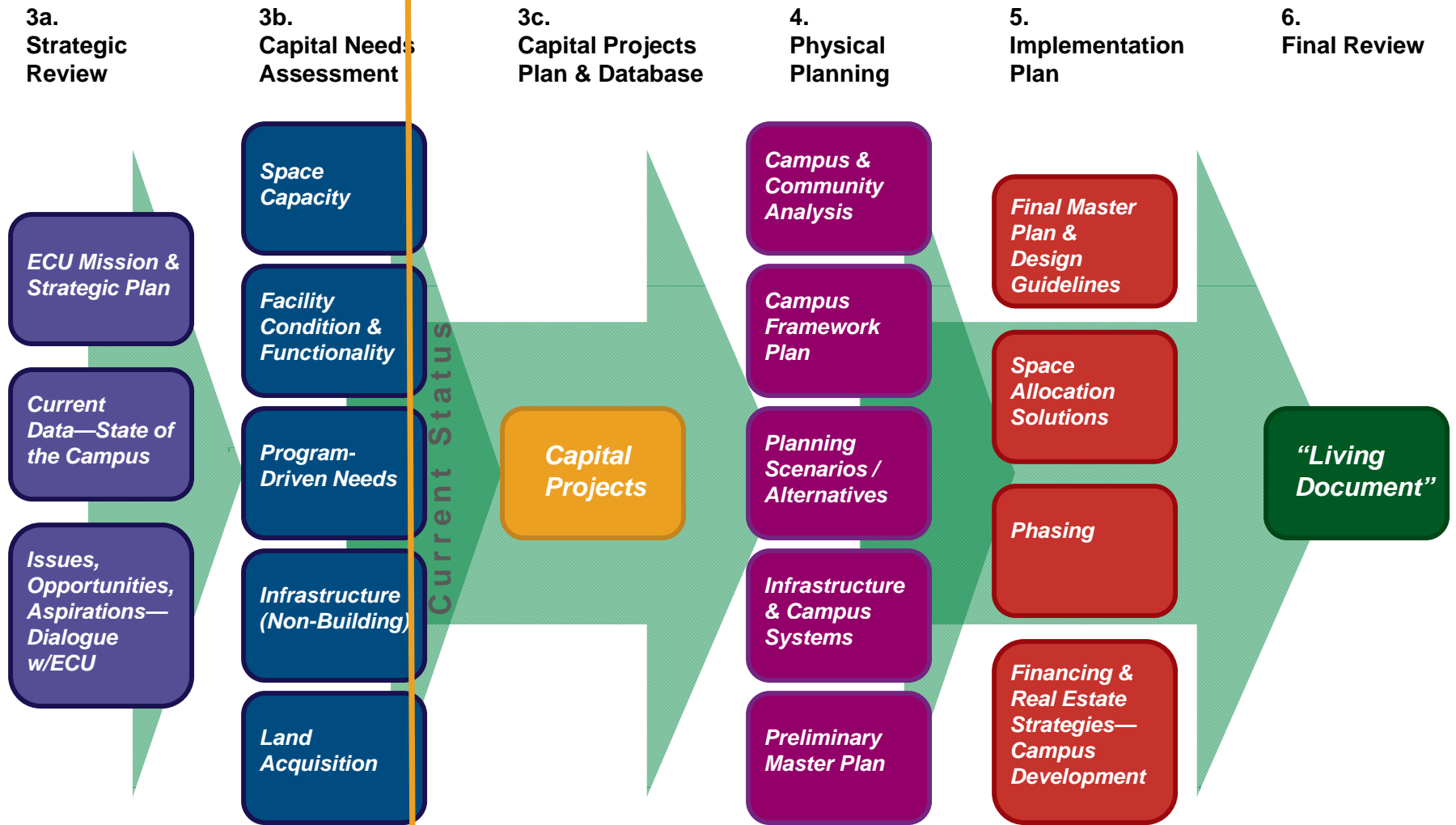


Schedule

◆ = meeting ▶ = product

Revised 1/10

East Carolina University \\\ Comprehensive Facilities Master Plan



Process

**Task 3:
Team Updates**

East Carolina University \ Comprehensve Facilities Master Plan

- Strategic Review
- Needs Assessments
 - Space Capacity Analysis
 - Functionality Assessment
- Capital Projects Plan & Facilities Database



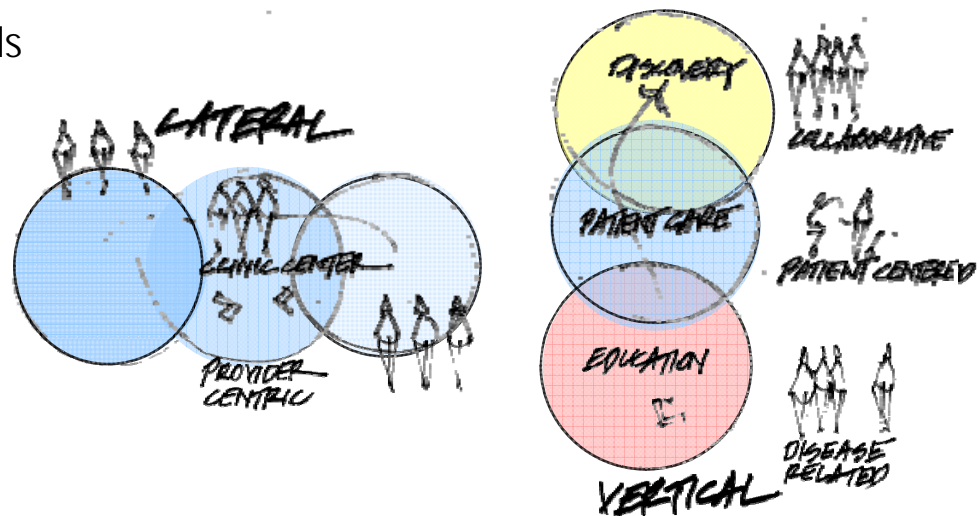
Strategic & Academic Research Planning
EKA

PREMISE: Inter-Disciplinary Care Delivery and Inter-Professional Education is the Future.

- A Team-based Approach to Clinical Care
- Curriculum in, and between, Health Professions Schools should Foster Integration
- Clinical Environments should Facilitate an Integrated / Team-based Care Delivery Model

IMPLICATION: Basic Science and Clinical Integration at All Levels

- Foster Faculty Interaction and Collaboration
- Assist in Developing Critical Thinking Skills
- Facilitate Translational Medicine
- Facilitate EvB Care Delivery



East Carolina University \ Comprehensve Facilities Master Plan

- Housing
- Dining
- Recreation
- Union
- Athletics



Student Life
Brailsford & Dunlavey

East Carolina University \ Comprehensve Facilities Master Plan

- Final University Strategic Security Plan
- Security Policy Templates
- Recommended Organizational Chart for Physical Security Department
- Position Descriptions for key Physical Security Department staff
- Roles and Responsibilities spread sheet for University Security Program



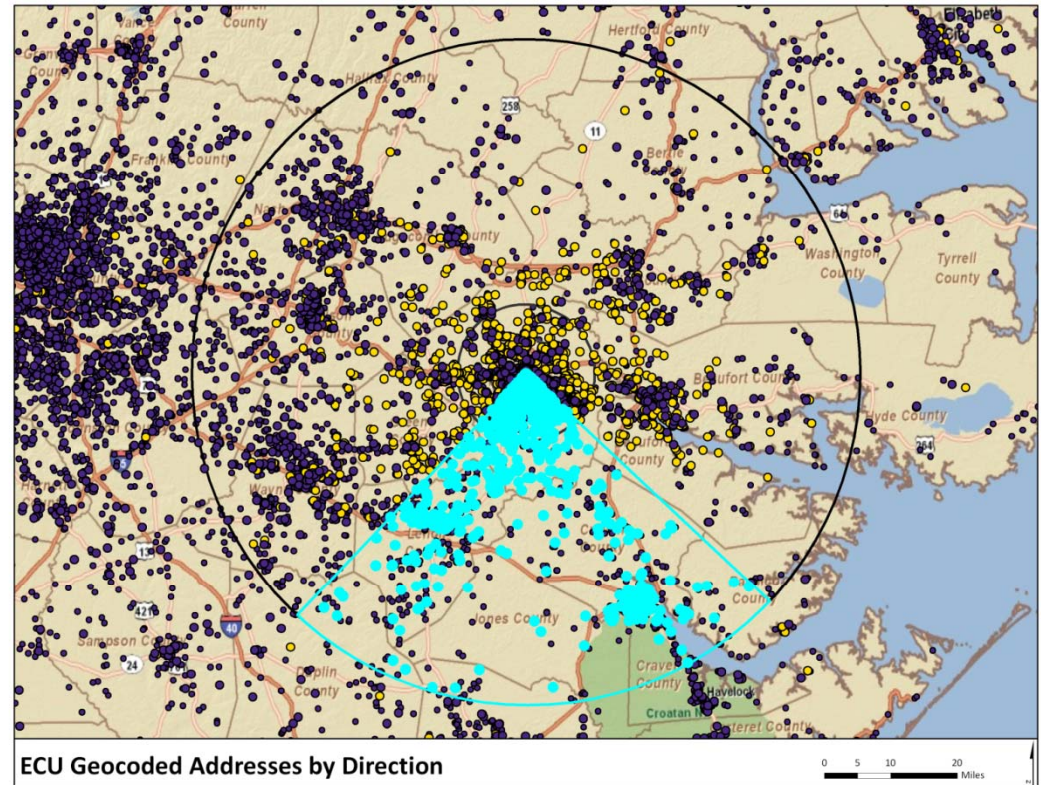
Safety and Security
PE Group

the
PROTECTION ENGINEERING
GROUP

SMITHGROUP | JJR

East Carolina University \ Comprehensve Facilities Master Plan

- Development and Implementation of Parking Survey



Direction from East Campus	Faculty & Staff	% of Sample	Students	% of Sample
North Quadrant	329	7%	216	9%
East Quadrant	1,095	24%	802	32%
South Quadrant	2,240	48%	806	32%
West Quadrant	974	21%	708	28%
TOTAL	4,638		2,532	

**Transit, Parking, Pedestrian
MAB**

Task 3 Accomplishments:

- Developed Existing Utility Narratives
- Revised Utility Site Plans based on ECU Input
- Established Critical Utility Corridors
- Tabulated Existing Utility Loads

Next Steps:

- Finalize Existing Utility Narratives & Maps
- Determine Future Utility Corridors
- Determine Future Utility Loads

Utility Infrastructure
RMF Engineering, Inc.



Summary

- Facility Condition Assessment of 67 facilities
- Condition Analysis Reports
- Recommendations to restore facilities to “almost new” conditions
- Database



Building Condition Assessment
ISES

Email:
masterplan@ecu.edu

Website:
www.ecu.edu/masterplan