



BOARD OF TRUSTEES MEETING
1400 Tanyard Road, Sewell, New Jersey 08080

REGULAR SESSION MINUTES
December 8, 2015

Chair Gene J. Concordia called the Regular Session of the Board of Trustees of Rowan College at Gloucester County to order at 6:30 p.m. in the faculty/staff lounge in the Eugene J. McCaffrey College Center building.

Trustee Yolette Ross read the Open Public Meetings Act Statement: "In compliance with the 'Open Public Meetings Act' of the State of New Jersey, adequate notice of this meeting of the Rowan College at Gloucester County Board of Trustees was provided by the forwarding of a notice on November 18, 2015, to the *South Jersey Times*, the *Courier Post*, the Gloucester County Freeholder Director and Education Liaison, the Gloucester County Administrator, and the College Community." Trustee Ross then led the group in the Pledge of Allegiance.

Roll call followed by Mrs. Karen Sitarski, Senior Executive Assistant to the President and Board of Trustees.

Members Present:

Mr. Gene Concordia
Mr. Len Daws
Ms. Jean DuBois (by phone)
Dr. James Lavender (by phone)
Mrs. Ruby Love (by phone)
Ms. Yolette Ross (by phone)
Dr. George Scott (by phone)
Mr. Douglas Wills, Esq. (by phone)
Dr. Frederick Keating, President, Ex-Officio

Members Absent:

Ms. Ave' Altersitz
Mr. Benjamin Griffith
Mrs. Virginia Scott

Executive Cabinet Present:

Mr. Dominick Burzichelli
Dr. Linda Hurlburt

Chair Concordia acknowledged Freeholder Liaison Lyman Barnes and thanked everyone for joining the meeting.

COMMUNICATIONS

Mrs. Sitarski read a note from Julia Viola thanking the Board for allowing her the opportunity to speak about the Student Nurses Organization at the November 10th Board meeting. (Note attached)

Dr. Linda Hurlburt, Vice President Academic Services, informed the Board that the college had received a letter from Dr. Sean McKittrick, Vice President, Middle States Commission on

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Higher Education, requesting a visit in the spring to assist with preparation of the upcoming Middle States Self-Study. (Letter attached)

ACCEPTANCE OF MINUTES

Chair Concordia declared the November 10 Regular Session meeting minutes approved as presented and the November 10 Reorganization meeting minutes approved as revised in the email sent earlier for review this day. Mrs. Sitarski explained that the original Reorganization minutes prepared for review indicated that Trustee Altersitz was in attendance and the minutes were revised to record that Trustee Altersitz was absent.

FACILITIES/PROPERTY

- a. **Purchasing Agreement:** On the recommendation of the President, Trustee Len Daws made a motion, seconded by Trustee Ross and unanimously passed to authorize a contract between Rowan College at Gloucester County and the U.S. Communities National Cooperative Purchasing Alliance for the purchase of materials, supplies, goods, services and equipment. (Resolution attached).
- b. **Scott Hall STEM Center Addition:** On the recommendation of the President, Trustee Daws made a motion, seconded by Trustee Ruby Love and unanimously passed to authorize and re-direct capital budget project funding from the Fine Arts Center to the construction of an addition to Scott Hall STEM Center in the amount of \$3,000,000. (Resolution attached).
- c. **Cell Tower Contract Amendment:** On the recommendation of the President, Trustee Daws made a motion, seconded by Trustee Douglas Wills and unanimously passed to authorize a lease agreement with Cellco Partnership doing business as Verizon Wireless, leasing a 60' x 60' parcel of college property located at 1400 Tanyard Road as more fully set forth in the Cell Tower Lease for \$15,000. (Resolution attached).
- d. **GO Bond Act:** On the recommendation of the President, Trustee Daws made a motion, seconded by Trustee Jean DuBois to approve and authorize the undertaking and implementation of a project consisting of a new academic building and to authorize the financing of all or a portion of the project through programs made available by the State of New Jersey for New Jersey Institutions of Higher Education and other available funding sources; and to approve and authorize the form of the application to the Secretary of Higher Education for participation in such programs as are applicable to the projects with such changes as are approved by the Officers of the Institution designated herein and the submission of the application to The Secretary of Higher Education; and to approve and authorize the execution and delivery of any and all agreements in connection with the undertaking, implementing and financing of the projects in the forms approved by the Officers of the Institution executing such agreements; and to designate and authorize the Officers of the Institution to take the aforementioned actions and to take any and all such other actions deemed necessary or desirable to undertake, implement and finance the projects. Mr. Dominick Burzichelli, Vice President and Chief Operating Officer explained that this is the second round of Go Bond funds. He and President Keating reported on the use of the \$7 million if the college is awarded the funds. The motion was unanimously passed. (Resolution attached).

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ACADEMIC SERVICES

- a. New Professional Development Certificate Programs: On the recommendation of the President, Trustee James Lavender made a motion, seconded by Trustee Ross and unanimously passed to approve a resolution authorizing Rowan College at Gloucester County to offer professional development certificates as noted, effective January 1, 2016. (Resolution attached).
- b. Low Cost, Short Duration Evaluation of Educational Interventions Grant: On the recommendation of the President, Trustee Lavender made a motion, seconded by Trustee Daws and unanimously passed to approve a resolution granting permission to apply for and upon award, accept funding from the Institute of Education Science for the Low Cost, Short Duration Evaluation of Educational Interventions grant in an amount to be determined, not to exceed \$250,000, for the period of July 1, 2016, through June 30, 2018. (Resolution attached).
- c. William T. Grant Foundation Research Grant: On the recommendation of the President, Trustee Lavender made a motion, seconded by Trustee Love and unanimously passed to approve a resolution granting permission to apply for and upon award, accept funding from the William T. Grant Foundation for the Research Grant in an amount to be determined, not to exceed \$600,000, for the period of July 1, 2016, through June 30, 2019. (Resolution attached).
- d. U.S. Department of Education Experimental Sites Initiative: On the recommendation of the President, Trustee Lavender made a motion, seconded by Trustee DuBois and unanimously passed to approve a resolution granting permission to apply for and upon award, accept funding from the U.S. Department of Education for Notice Inviting Postsecondary Educational Institutions to Participate in Experiments Under the Experimental Sites Initiative; Federal Student Financial Assistance Programs Under Title IV of Higher Education Act of 1965, as Amended grant, in an amount to be determined, with project period dates to be determined post award. (Resolution attached).
- e. Medicare Counseling Grant: On the recommendation of the President, Trustee Lavender made a motion, seconded by Trustee Daws and unanimously passed to approve a resolution granting permission to apply for and upon award, accept funding for the Medicare Counseling Grant from the Gloucester County United Way in the amount of \$26,000 for the period of June 1, 2016 through July 31, 2017. (Resolution attached).
- f. Displaced Homemakers Grant: On the recommendation of the President, Trustee Lavender made a motion, seconded by Trustee Love and unanimously passed to approve a resolution granting permission to apply for and upon award, accept funding from the United Way of Gloucester County for the Displaced Homemakers grant in the amount of \$50,000, for the period of July 1, 2016, through June 30, 2017. (Resolution attached).

PERSONNEL

On the recommendation of the President, Trustee Ross made a motion, seconded by Trustee Wills and unanimously passed to approve 3 reassignments, 3 resignations, 1 retirement, 1 sabbatical leave, 5 part-time hires, and 3 adjunct hires as listed on the attached; and to correct the RCGC Technical/Academic Staff Association/NJEA 2014-17 bargaining agreement; and to approve the schedule of 54 reappointments for the 2016-17 academic year as listed on the attached; and to approve the annual New Jersey First Act Exemption Report titles as listed on the attached.

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POLICY

On the recommendation of the President, Trustee Love made a motion, seconded by Trustee Ross and unanimously passed, to approve the following Board policies:

- a. 6015 Payroll (Revise)
- b. 3017 Program Review (Revise)

DATES TO REMEMBER

Mrs. Sitarski reported the following dates of upcoming events:

December

- 9 Police Academy Graduation, 6:00 pm, Physical Education Center
- 17 Fall Firefighter I Class Graduation, 7:00 pm, Fine Arts Center
- 24-31 Holiday/Winter Break - College closed

January

- 1 Holiday – College closed
- 12 Board of Trustee Work Session, 6:30 pm, Annex
- 18 Holiday – College closed
- 19 Board of Trustee Meeting, 6:30 pm, Faculty Staff Lounge

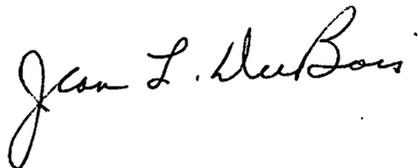
PUBLIC PORTION

Chair Concordia opened the public portion of the meeting and no comments were offered.

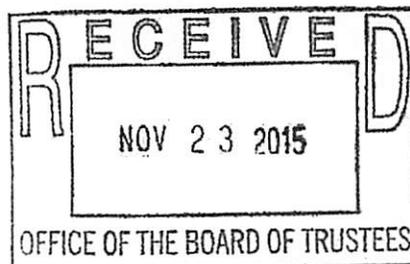
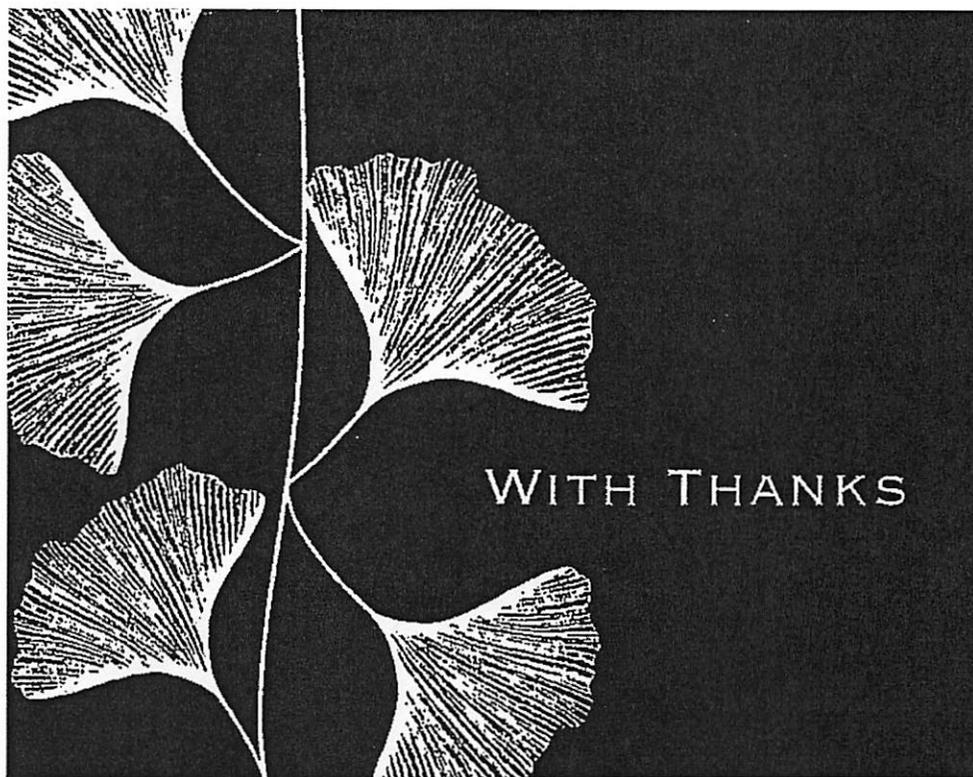
ADJOURNMENT

Chair Concordia wished everyone a happy and safe holiday and thanked all for their contributions and time. He stated that he enjoys working with everyone and appreciates all that they bring to the table. At 6:50 p.m. Trustee Daws made a motion, seconded by Trustee Ross and unanimously passed, to adjourn the meeting.

Respectfully submitted,



Jean L. DuBois
Secretary



Board of Trustees,

I wanted to thank you for allowing me the opportunity to speak about SNO at the meeting on November 10th. Also, thank you for the wonderful gift! Now I can represent our great school ;)

Thank you again,

Julia Viola

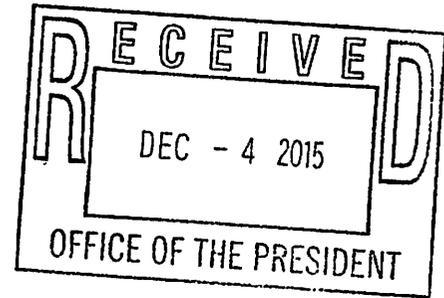


Middle States Commission on Higher Education

3624 Market Street, Philadelphia, PA 19104-2680. Tel: 267-284-5000. Fax: 215-662-5501
www.msche.org

November 30, 2015

Dr. Frederick Keating
President
Rowan College at Gloucester County
1400 Tanyard Road
Sewell, NJ 08080



Dear Dr. Keating:

I enjoyed meeting with your institution's representatives at the recent Self-Study Institute in Philadelphia. As your institution's liaison with the Commission, it is my pleasure to assist you and your colleagues throughout the period of self-study and peer evaluation. One of the early steps in the process is to schedule my Self-Study Preparation Visit to your campus. We should plan to conduct this visit in the spring semester, or early in the fall of 2016, in order to provide ample time to become comfortable with the revised standards, to develop your self-study design, and so that work on the report and preparation for the evaluation team visit can begin in earnest.

The purpose of my campus visit will be to help prepare your institution to conduct a useful self-study and host a successful evaluation team visit. While there I hope to:

- learn more about the current status of your institution,
- help you and your colleagues identify relevant issues and find the most appropriate means of addressing them through the self-study process,
- acquaint those who will have crucial roles in the self-study with the Commission's expectations and the purposes and procedures of the accreditation process,
- discuss and offer feedback on your institution's self-study design, and
- otherwise assist with your institution's preparations for self-study and peer review.

Please note that my visit is intended solely to provide information and guidance. I am not visiting as a peer evaluator, and the Commission will take no accreditation action as a result of my visit.

The schedule for my visit should include opportunities to meet with the following individuals and groups:

- President (30 minutes)
- Representative faculty, administrators, and students (45 minutes)
- Members of the governing board (45 minutes)
- Self-Study Steering Committee (90 minutes)
- End-of-visit debriefing with self-study co-chairs (20 minutes)
- Other individuals/groups as deemed appropriate (TBD)

The purpose of the first three meetings is to acquaint me with the current status of your institution so that I may be of maximum assistance to you, to acquaint institutional constituencies and representatives with the accreditation process and their roles in it, and to answer any questions about the self-study and peer review process. The purpose of the meeting with the self-study steering committee is to discuss the self-study design, to review the Commission's expectations, and to answer any questions. The purpose of the final debriefing meeting is to discuss next steps in the self-study process.

Dr. Frederick Keating
November 30, 2015
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You may propose an alternative schedule if you believe it will serve your institution more effectively. Although you may wish to schedule one of the meetings during the lunch hour, I specifically request that I not meet with the self-study steering committee over lunch because it is a working meeting. Please note that campus tours and presentations are not required as part of this visit.

Because our calendars fill so quickly, I ask that your office contact me no later than **January 15, 2016**, to set a date. Then, at least two weeks before my scheduled visit, please ensure that someone contacts me concerning travel and hotel accommodations and sends me the self-study design document and a proposed schedule for my day on campus. Please note that I may request modifications to the proposed schedule in order to achieve the goals of the visit.

I look forward to working with you and your colleagues throughout the self-study process.

Sincerely,



Sean A. McKittrick, Ph.D.
Vice President

SAM/deb

c: Ms. Yvonne Greenbaun, Dean, Academic Compliance
Mr. Oron Nahom, Assistant Professor



**RESOLUTION TO AUTHORIZE CONTRACT BETWEEN U.S. COMMUNITIES
NATIONAL COOPERATIVE CONTRACTS AND ROWAN COLLAGE AT
GLOUCESTER COUNTY
UNITS PURSUANT TO N.J.S.A. 52:134-6.2**

WHEREAS, Rowan College at Gloucester County, pursuant to N.J.S.A. 52:134-6.2, may by resolution and without advertising for bids, may purchase any materials, supplies, goods, services or equipment entered into under a National Cooperative Purchasing Program; and

WHEREAS, Rowan College at Gloucester County has the need on a timely basis to purchase goods or services utilizing National cooperative contracts; and

WHEREAS, Rowan College at Gloucester County intends to enter into contracts with National Cooperative Contracts through this resolution and properly executed contracts, which shall be subject to all the conditions applicable to the current State of New Jersey Contract Laws; and

WHEREAS, the Chief Financial Officer for the College has certified that funds are available for this purchase; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of Rowan College at Gloucester County hereby authorizes and directs the Purchasing Officer to purchase certain goods or services from those approved U.S. Communities Cooperative Purchasing Alliance Contracts, pursuant to all conditions of the individual State of New Jersey Contracts.

ADOPTED at the regular scheduled meeting of the Board of Trustees of Rowan College at Gloucester County held December 8, 2015.


Gene J. Concordia, Chairperson

Attested: 
Jean L. DuBois, Secretary





**RESOLUTION OF THE ROWAN COLLEGE AT GLOUCESTER COUNTY
AUTHORIZING AND RE-DIRECTING CAPITAL BUDGET PROJECTS
FUNDING FROM THE FINE ARTS CENTER TO THE SCOTT HALL STEM
CENTER EXPANSION PROJECT**

WHEREAS, Rowan College at Gloucester County Board of Trustees approved the FY 2016 \$3,000,000 capital projects funding on March 10, 2015 for the renovation and addition to the Fine Arts Center; and

WHEREAS, The Board of School Estimate of Rowan College at Gloucester County approved the FY 2016 \$3,000,000 capital projects on April 15, 2015 for the renovation and addition of the Fine Arts Center; and

WHEREAS, Rowan College at Gloucester County has deemed the renovation and addition to the Fine Arts Center not feasible; and

WHEREAS, The College now chooses to redirect the FY 2016 \$3,000,000 capital project to constructing an addition to the Scott Hall STEM Center; and

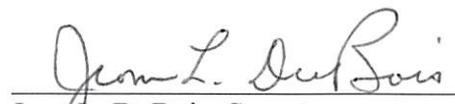
WHEREAS, the Chief Financial Officer for the College has certified that funds are available for this project; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of Rowan College at Gloucester County hereby approves the redirecting of the FY 2016 \$3,000,000 capital projects funding be redirected to the construction of an addition to the Scott Hall STEM Center.

ADOPTED at the regular scheduled meeting of the Board of Trustees of Rowan College at Gloucester County held December 8, 2015.


Gene J. Concordia, Chairperson

Attested:


Jean L. DuBois, Secretary





RESOLUTION APPROVING AND AUTHORIZING A LEASE AGREEMENT WITH CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS, AND AUTHORIZING OFFICERS OF ROWAN COLLEGE AT GLOUCESTER COUNTY TO TAKE ALL OTHER ACTIONS DEEMED NECESSARY OR DESIRABLE IN CONNECTION WITH THE EXECUTION OF THE AMENDMENT TO THE LEASE AGREEMENT

WHEREAS, the Board of Trustees (the "Board") of Gloucester County College (hereinafter the "College"), a body corporate in the State of New Jersey, is authorized to lease real property under and pursuant to N.J.S.A. 18A:1-1, et seq.; and specifically under N.J.S.A. 18A:64A-1 et seq.; and

WHEREAS, the Board entered into a Land Lease Agreement, date December 7, 2009 ("Cell Tower Lease"), with Cellco Partnership, a Delaware general partnership d/b/a/ Verizon Wireless ("Verizon"), for a 60' x 60' parcel of the College's property at 1400 Tanyard Road, Sewell, New Jersey ("Lease Space") as more fully set forth in the Cell Tower Lease; and

WHEREAS, Verizon has requested that the College amended the Cell Tower lease, pursuant to The First Amendment to Lease Agreement ("First Amendment"), a copy of which is attached hereto, under which Verizon will make a onetime payment to the College in the amount of \$15,000 in return for modifications to the terms and conditions of the Cell Tower Lease as set forth in the First Amendment; and

WHEREAS, the College desires to accept the First Amendment, subject to the terms of this Resolution, and receipt of the onetime payment;

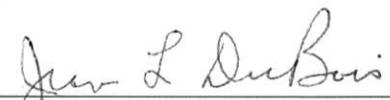
NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of Rowan College at Gloucester County as follows:

1. The Board hereby authorizes, approves and consents to the execution of the First Amendment, and further authorizes the Chairperson of the Board, the Secretary of the Board, the President of the College, and Chief Financial Officer and any other representative of the Board hereafter duly authorized by the Board in writing (the "Authorized Officers" and each an "Authorized Officer") to determine all matters in connection therewith.
2. All resolutions, orders and other actions of the College in conflict with the provisions of this resolution to the extent of such conflict are hereby superseded, repealed or revoked.
3. All actions heretofore taken and documents prepared or executed by or on behalf of the College by its officials and by the College's professional advisors, in connection with the Project, or any other action in connection with or related to the Project, are hereby ratified, confirmed, approved and adopted.

This resolution shall take effect immediately.

ADOPTED: At a regular meeting of the Rowan College at Gloucester County Board of Trustees held Tuesday December 8, 2015.


Gene J. Concordia, Chairperson

Attested: 
Jean L. DuBois, Secretary





RESOLUTION TO APPROVE THE AUTHORIZATION TO OFFER NEW PROFESSIONAL DEVELOPMENT CERTIFICATES

WHEREAS, Rowan College at Gloucester County's Board of Trustees hereby certifies that permission has been granted to offer approved professional development certificates;

WHEREAS, the professional development certificate approvals are effective January 1, 2016;

WHEREAS, the programs will provide concentrated study in the specified disciplines and appropriate documentation will be sent to the Academic Issues Committee of the New Jersey Presidents' Council, the Office of the Secretary of Higher Education, and the New Jersey Department of Military and Veterans Affairs;

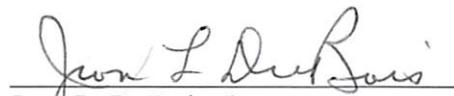
NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of Rowan College at Gloucester County hereby authorizes and directs the approval of the resolution to offer professional development certificates (PDCs) in the following areas:

- Digital Photography PDC
- Equine Science PDC
- Engineering Technologies, Drafting and Design PDC
- Engineering Technologies, Land Surveying PDC
- Certified Clinical Medical Assistant PDC

ADOPTED at the regular scheduled meeting of the Board of Trustees of Rowan College at Gloucester County held December 8, 2015.


Gene J. Concordia, Chairperson

Attested:


Jean L. DuBois, Secretary





RESOLUTION TO GRANT ACADEMIC SERVICES PERMISSION TO APPLY AND UPON AWARD, ACCEPT FUNDING FOR THE LOW COST, SHORT DURATION EVALUATION OF EDUCATION INTERVENTIONS FROM INSTITUTE OF EDUCATION SCIENCE IN THE AMOUNT OF \$250,000

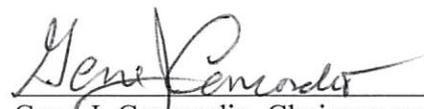
WHEREAS, Rowan College at Gloucester County's Board of Trustees hereby certifies that permission has been granted to Academic Services to partner with Rowan University to apply, and upon award, accept funding from the Institute of Education Science, Low Cost, Short Duration Evaluation of Education Interventions; and

WHEREAS, the period of the program will be July 1, 2016, to June 30, 2018, in an amount to be determined, not to exceed \$250,000; and

WHEREAS, Academic Services will assist staff of STEM to enhance the college's student outcomes; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of Rowan College at Gloucester County hereby authorizes and directs the approval of the resolution for Academic Services to apply and upon award, accept funding from the Institute of Education Science, Low Cost, Short Duration Evaluation of Education Interventions, for the period of July 1, 2016, to June 30, 2018 in an amount to be determined, not to exceed \$250,000.

ADOPTED at the regular scheduled meeting of the Board of Trustees of Rowan College at Gloucester County held December 8, 2015.


Gene J. Concordia, Chairperson

Attested:


Jean L. DuBois, Secretary





RESOLUTION TO GRANT ACADEMIC SERVICES PERMISSION TO APPLY AND UPON AWARD, ACCEPT FUNDING FOR THE RESEARCH GRANTS FROM WILLIAM T. GRANT FOUNDATION IN THE AMOUNT OF \$600,000

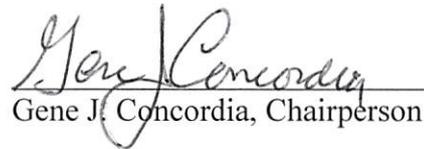
WHEREAS, Rowan College at Gloucester County's Board of Trustees hereby certifies that permission has been granted to Academic Services to partner with Rowan University to apply, and upon award, accept funding from the William T. Grant Foundation, Research Grants; and

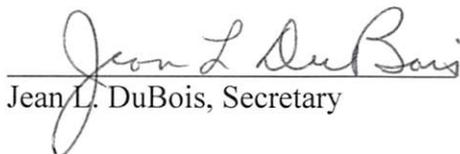
WHEREAS, the period of the program will be July 1, 2016, to June 30, 2019, in an amount to be determined, not to exceed \$600,000; and

WHEREAS, Academic Services will assist staff of Rowan Choice to enhance the college's partnership program; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of Rowan College at Gloucester County hereby authorizes and directs the approval of the resolution for Academic Services to apply and upon award, accept funding from the William T. Grant Foundation, Research Grants, for the period of July 1, 2016, to June 30, 2019, in an amount to be determined, not to exceed \$600,000.

ADOPTED at the regular scheduled meeting of the Board of Trustees of Rowan College at Gloucester County held December 8, 2015.


Gene J. Concordia, Chairperson

Attested: 
Jean L. DuBois, Secretary





RESOLUTION TO GRANT ACADEMIC SERVICES PERMISSION TO APPLY AND UPON AWARD, ACCEPT FUNDING FOR THE NOTICE INVITING POSTSECONDARY EDUCATIONAL INSTITUTIONS TO PARTICIPATE IN EXPERIMENTS UNDER THE EXPERIMENTAL SITES INITIATIVE; FEDERAL STUDENT FINANCIAL ASSISTANCE PROGRAMS UNDER TITLE IV OF HIGHER EDUCATION ACT OF 1965, AS AMENDED, FROM THE US DEPARTMENT OF EDUCATION IN AN AMOUNT TO BE DETERMINED, WITH PROJECT PERIOD DATES TO BE DETERMINED POST AWARD

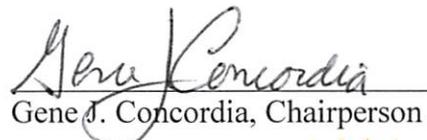
WHEREAS, Rowan College at Gloucester County's Board of Trustees hereby certifies that permission has been granted to Academic Services to apply, and upon award, accept funding from the US Department of Education, Notice Inviting Postsecondary Educational Institutions to Participate in Experiments Under the Experimental Sites Initiative; Federal Student Financial Assistance Programs Under Title IV of Higher Education Act of 1965, as Amended; and

WHEREAS, the period of the program will be determined post award, in an amount to be determined; and

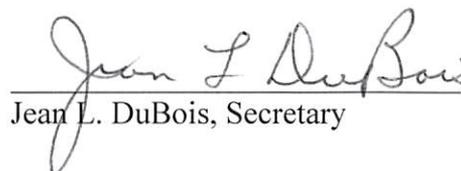
WHEREAS, Academic Services will assist staff of Student Services to enhance the dual enrollment student outcomes; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of Rowan College at Gloucester County hereby authorizes and directs the approval of the resolution for Academic Services to apply and upon award, accept funding from the US Department of Education, Notice Inviting Postsecondary Educational Institutions to Participate in Experiments Under the Experimental Sites Initiative; Federal Student Financial Assistance Programs Under Title IV of Higher Education Act of 1965, as Amended, for a project period to be determined post award, in an amount to be determined.

ADOPTED at the regular scheduled meeting of the Board of Trustees of Rowan College at Gloucester County held December 8, 2015.


Gene J. Concordia, Chairperson

Attested:


Jean L. DuBois, Secretary





RESOLUTION TO GRANT SENIOR CORPS PERMISSION TO APPLY AND UPON AWARD, ACCEPT FUNDING FOR THE MEDICARE COUNSELING GRANT FROM THE GLOUCESTER COUNTY UNITED WAY IN THE AMOUNT OF \$26,000 FOR THE PERIOD OF JUNE 1, 2016 THROUGH JULY 31, 2017.

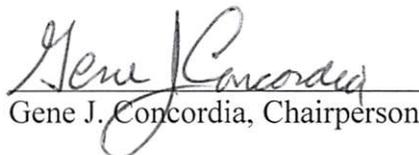
WHEREAS, Rowan College at Gloucester County's Board of Trustees hereby certifies that permission has been granted to Senior Corps to apply and upon award, accept funding from the United Way of Gloucester County for the Medicare Counseling Grant; and

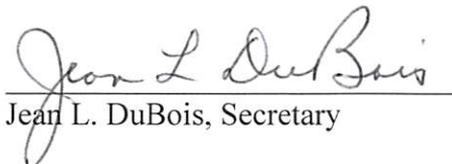
WHEREAS, the period of the program will be June 1, 2016, to July 31, 2017, in the amount of \$26,000; and

WHEREAS, Senior Corps will assist Gloucester County residents select, enroll, appeal and apply for Medicare insurance.

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of Rowan College at Gloucester County hereby authorizes and directs the approval of the resolution for Senior Corps to apply and upon award, accept funding from the United Way of Gloucester County for the Medicare Counseling Grant for the period of June 1, 2016, to July 31, 2017 in the amount of \$26,000.

ADOPTED at the regular scheduled meeting of the Board of Trustees of Rowan College at Gloucester County held December 8 2015.


Gene J. Concordia, Chairperson

Attested: 
Jean L. DuBois, Secretary





RESOLUTION TO GRANT THE CENTER FOR PEOPLE IN TRANSITION PERMISSION TO APPLY AND UPON AWARD, ACCEPT FUNDING FOR THE DISPLACED HOMEMAKERS GRANT FROM THE UNITED WAY OF GLOUCESTER COUNTY IN THE AMOUNT OF \$50,000.

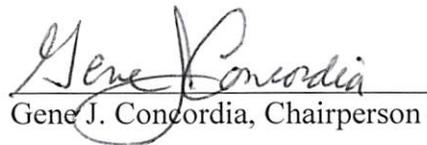
WHEREAS, Rowan College at Gloucester County's Board of Trustees hereby certifies that permission has been granted to The Center for People in Transition to apply and upon award, accept funding from the United Way of Gloucester County, Displaced Homemakers grant; and

WHEREAS, the period of the program will be July 1, 2016 - June 30, 2017 in the amount of \$50,000, and

WHEREAS, The Center for People in Transition will assist displaced homemakers to become emotionally and economically self-sufficient through life skills training, education or vocational training and supportive services.

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of Rowan College at Gloucester County hereby authorizes and directs the approval of the resolution for The Center for People in Transition to apply and upon award, accept funding from the United Way of Gloucester County, Displaced Homemakers grant for the period of July 1, 2016 - June 30, 2017 in the amount of \$50,000.

ADOPTED at the regular scheduled meeting of the Board of Trustees of Rowan College at Gloucester County held December 8, 2015.


Gene J. Concordia, Chairperson

Attested: 
Jean L. DuBois, Secretary



PERSONNEL ACTIONS

DATE: 12/08/2015

The following Education/General Fund Actions are presented for Board of Trustee approval.

(3) Three Reassignments:

Title	Reason for Reassignment	Name	Salary	Effective Date
Clinical Education Coordinator, PTA Program	Change in Scope	Eileen Doyle	\$52,000 per annum, prorated	11/1/2015
Academic Advisor	Reassignment	Margaret Dower	\$40,000 per annum, prorated	1/1/2016
Security Officer	Part Time to Full Time	John Ryder	\$12.00 per hour	12/14/2015

(3) Three Resignations:

Position	Name	Effective Date
Assistant Professor	Pierre Phou	12/31/2015
Associate Dean, Curriculum	Timothy Hack	1/3/2016
Associate Professor	Keesha Patterson (change of date)	2/1/2016

(1) One Retirement:

Position	Name	Effective Date
Team Coordinator, Level IV	Margery Schoening	2/1/2016

(1) One Sabbatical

Position	Name	Effective Date
Professor-Liberal Arts	Dr. Sylvia Baer	Spring Semester-2016-17

(5) Five Part-Time Hires:

Title	Reason for Vacancy	Name	Salary	Effective Date
Lead Instructor-Fire Academy	Resignation	Charles Winkler	\$18.00 per hour	11/9/2015
Lead Instructor-Fire Academy	Resignation	Francis Ellis	\$18.00 per hour	11/9/2015
Lead Instructor-Fire Academy	Resignation	Gilbert Zonge	\$18.00 per hour	11/10/2015
Assistant Men's Basketball Coach	New Position	Robert E. Scott	\$1432 per annum	12/14/2015
Assistant Wrestling Coach	Resignation	Myles H. Little	\$3579 per annum	12/14/2015

(3) Three Additions to the 2015-2106 Adjunct List:

Name	Division
Beth Beecroft	Liberal Arts
Dana Anton	Law & Justice
Ingrid French	Law & Justice

Contract language correction: Correct RCGC Technical/Academic Staff Association/NIEA 2014-17 bargaining agreement section 12.1, sub-section ii to read: "The unit member must provide at least six months prior written notice of intent to retire. However, the President may waive this notification requirement in the case of a "life-threatening illness." The statement allowing the President to waive notification was mistakenly omitted from this contract, but appears in all other RCGC bargaining unit contracts.



Reappointment of the following non-represented professionals with over five years of service, for the 2016-17 academic year:

Loretta Anthony, Executive Assistant to Vice President, Student Services
Judith Atkinson, Vice President, Student Services
Steven Awalt, Accountant
Edward Blaetz, Instructor, Ford Asset Program
Dominick Burzichelli, Vice President and Chief Operating Officer
Ronald Case, Dean, HPER/Athletic Director
Michael Chando, Executive Director, Financial Aid & Admissions
Patricia Claghorn, Dean, Business Studies
Annette Clifford, Executive Assistant, Vice President & COO
David Comfort, Executive Director, Program & Project Management
Christina Denney, Supervisor, Purchasing Services
Margaret DiPatri, Admissions Supervisor
Karen Durkin, Dean, Institutional Research & Grants
Joseph Getsinger, Executive Director, Safety and Security
Michael Gotthold, Executive Director, Network & Systems Operations
Paul Grasso, Manager, Maintenance and New Construction
Elizabeth Hall, Executive Director, Financial Services
Susan Hall, Dean, Nursing & Allied Health
Sandra Hoffman, Executive Director, Enrollment Services
Almarie Jones, Executive Director, Diversity and Equity, Title IX Officer
Cheryl Lewis, Controller
Nayibe Lopez, Senior Programmer Analyst
Frederick Madden, Dean, Law and Justice
Susan Nikkels, Executive Assistant, Vice President, Academic Services
Valeria Petrany, Supervisor, Laboratory Science
Josh Piddington, Associate Vice President, Chief Information Officer
Sherri Pratt, Senior Accountant, Continuing Education
Margaret Resue, Sr. Executive Assistant, Institutional Compliance
Brenden Rickards, Dean, STEM
Laurie Rohrman, Clinical Coordinator
Brian Rowan, Assistant Director, Athletics
Brigette Satchell, Dean, Continuing Education
James Sentell, Police Academy Coordinator
Jeffrey Silvestri, Instructor, Ford Asset Program
Karen Sitarski, Sr. Executive Assistant to the President and BOT
Roxanne Somers, Development Assistant
Ellise Spaulding, Athletic Trainer
David Thompson, Manager, Buildings and Grounds

Reappointment of the following NJEA Directors with over five years of service for the 2016-17 academic year (**Grant funded employees*):

Richard Brown, Director II, Advising
Dennis Cook, Director I, Special Needs Service
Jane Crocker, Senior Director, Library
Ranee Davidson, Director, RCGC Institutional Advancement
Kelly Ellis-Foultz, Director II, Financial Aid
Robert Hill, Director II, Fire Academy
Jeanne Labuz, Director II, People in Transition*
Lois Lawson-Briddell, Director II, Counseling & Wellness Center
Cheryl McBride, Director II, Student Life
John Ortiz, Director I, Career Academic Planning
Audreen Pittman, Director II, EOF
Deborah Rabottino, Director II, Continuing Education
Andrea Stanton, Director II, CRCM

Reappointment of the following non-tenured faculty members with tenure appointment effective as stated for the 2016-17 academic year:

Patricia Blackman-Hill, Instructor I 09/01/2011
Dr. Christina Nase, Assistant Professor 09/01/2011

Reappointment of the following non-tenured faculty in their third or fourth year of service for the 2016-17 academic year:

Barbara Taylor, Instructor I 02/13/2012

Rowan College at Gloucester County

NJ First Act - Exemption List

The titles listed below require a minimum of master's level or significant technical expertise. Failure to exempt these positions would seriously impede the ability of Rowan College at Gloucester County to compete successfully with similar colleges in other states.

Title	Division	Department/Expertise
Adjunct Instructor	Academic Services	ALL
Full Time Faculty	Academic Services	STEM, Nursing, Business Studies
Dean, STEM	Academic Services	Science, Technology, Engineering, Math
Instructor, Ford Asset Program	Academic Services	Business Studies, Automotive Technology
Dean, Liberal Arts	Academic Services	Liberal Arts
V.P., Academic Services	Academic Services	All academic areas
Dean, Institutional Research & Grants	Academic Services	Institutional Research
Dean, Nursing & Allied Health	Academic Services	Nursing
Dean, Academic Compliance	Academic Services	All academic areas
Associate Dean, Curriculum	Academic Services	All academic areas
Asst. Director, Network & Systems Administrator	Operations	Instructional Technology
Associate V.P. & Chief Information Officer	Operations	Instructional Technology
Network & System Administrator	Operations	Instructional Technology
Applications and Systems Administrator	Operations	Instructional Technology
Programmer Analyst	Operations	Instructional Technology
Senior Programmer Analyst	Operations	Instructional Technology
V.P. and Chief Operating Officer	Operations	Finance and Administration
Executive Director, Financial Services	Operations	Accounting/Purchasing/Budgeting
Executive Director, Diversity & Equity, Title IX Officer	President's Office	Affirmative Action/EEO
Executive Director, Programming & Project Management	Operations	Instructional Technology
Executive Director, Network & Systems Operations	Operations	Instructional Technology
Executive Director, Human Resources	President's Office	Human Resources/Labor Relations
V.P., Student Services	Student Services	Registrar/Counseling/Admissions/Financial Aid
Student Systems Specialist	Student Services	IT, Records and Admissions



RESOLUTION APPROVING AND AUTHORIZING THE UNDERTAKING AND IMPLEMENTATION OF A PROJECT CONSISTING OF A NEW ACADEMIC BUILDING AND AUTHORIZING THE FINANCING OF ALL OR A PORTION OF THE PROJECT THROUGH PROGRAMS(S) MADE AVAILABLE BY THE STATE OF NEW JERSEY FOR NEW JERSEY INSTITUTIONS OF HIGHER EDUCATION AND OTHER AVAILABLE FUNDING SOURCES; APPROVING AND AUTHORIZING THE FORM OF THE APPLICATION TO THE SECRETARY OF HIGHER EDUCATION FOR PARTICIPATION IN SUCH PROGRAM(S) AS ARE APPLICABLE TO THE PROJECTS WITH SUCH CHANGES AS ARE APPROVED BY THE OFFICERS OF THE INSTITUTION DESIGNATED HEREIN AND THE SUBMISSION OF THE APPLICATION TO THE SECRETARY OF HIGHER EDUCATION; APPROVING AND AUTHORIZING THE EXECUTION AND DELIVERY OF ANY AND ALL AGREEMENTS IN CONNECTION WITH UNDERTAKING, IMPLEMENTING AND FINANCING THE PROJECTS IN THE FORM(S) APPROVED BY THE OFFICERS OF THE INSTITUTION EXECUTING SUCH AGREEMENTS(S); AND DESIGNATING AND AUTHORIZING THE OFFICERS OF THE INSTITUTION TO TAKE THE AFOREMENTIONED ACTIONS AND TO TAKE ANY AND ALL SUCH OTHER ACTIONS DEEMED NECESSARY OR DESIRABLE TO UNDERTAKE, IMPLEMENT AND FINANCE THE PROJECT.

WHEREAS, The Board of Trustees (the “Board”) of Rowan College at Gloucester County desires to approve the undertaking, implementation and financing of a project (the “Project”) consisting of a new 18,523 sf academic building; and

WHEREAS, The Board desires to approve the aggregate costs of the Project paid and or financed through all sources in an amount not to exceed \$7,000,000; and

WHEREAS, The Board desires to finance all or a portion of the Project through one or more of the hereinafter defined Programs made available by the State of New Jersey (the “State”) for certain projects of New Jersey institutions of higher education (the “Programs”); and

WHEREAS, The Programs are the Building Our Future Bond Act, (P.L. 2012, c.41 (the “GO Bond Act”) and the Higher Education Fund Capital Improvement Fund Act, N.J.S.A. 18A:72A-72 et seq. (“CIF”); and

WHEREAS, The Board has determined that the Project will assist in serving the needs of its students and providing a benefit to the Institution; and

WHEREAS, The Board desires to approve financing of all portions of the Project through the GO Bond Act in conjunction with the County of Gloucester (“County”), and

WHEREAS, Portion(s) of the Project may also be financed by bonds issued by the New Jersey Educational Facilities Authority which bear tax-exempt interest for federal income tax purposes (“Tax-Exempt Bonds”), commercial loans or funds otherwise available to the Institution; and

WHEREAS, In order to provide maximum flexibility and most efficient borrowing costs, the Board wishes to authorize financing the Project through the GO Bond Act(the “Proposed Program”), issuance of Tax-Exempt Bonds, commercial loans and funds otherwise available to the Institution or any combination thereof (the “Financing Structure”); and

WHEREAS, The Board wishes to approve the form of the Application to be submitted to the Secretary of Higher Education (the “Secretary”) for the Proposed Programs for the Project, and to designate and authorize officers of the Institution to take necessary and desirable actions to undertake, implement and submit to the Secretary the Application for the Project; and

WHEREAS, The Board hereby approves the Long Range Capital Plan of the Institution in the form attached hereto as Exhibit A and authorizes and directs the officers designated in this resolution to include the Long Range Capital Plan in the Application (s) approved herein; and

WHEREAS, The Board desires to authorize certain officers of the Institution to determine the Financing Structure which is most economically advantageous to the Institution provided the Financing Structure includes utilization of the Proposed Programs, and take all action necessary or beneficial to accomplish the financing of the Project including the financing of capitalized interest, if any, and other costs of issuing any debt including, Tax-Exempt Bonds or other financings ("Financing Costs"); and

WHEREAS, The Board reasonably expects to reimburse expenditures for costs of the Project paid prior to issuance of Tax-Exempt Bonds or any debt bearing interest which is exempt from gross income for federal income tax purposes which will fund an applicable Project and/or Program;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF ROWAN COLLEGE AT GLOUCESTER COUNTY AS FOLLOWS:

SECTION 1. The Board approves the Project and authorizes the undertaking, implementation and financing of the Project in a maximum aggregate amount not to exceed \$7,000,000 (including Financing Costs). The Board approves the Long Range Capital Plan of the Institution in the form attached hereto as Exhibit A.

SECTION 2. The Board approves the financing of all or any portion of the Project through the GO Bond Act. The Board approves the Application for funding of the Project through such Program(s) in the form submitted to the Board and authorizes and directs the herein defined Designated Officers to submit such Application to the secretary with such changes, modifications and additions as are approved by the Designated Officers and such changes, modifications and additions shall be conclusively evidenced by the submission of the Application to the Secretary. (The Board expressly directs and authorizes the Designated Officers to submit the Long Range Capital Plan in the Application for any Program for which it is required). The Board acknowledges and agrees that approval of the Application and receipt of funds pursuant to the Programs(s) will obligate the Institution to: (a) provide funds for the operation and maintenance of the Project, (b) contribute to the cost of the Project; (c) pay all or a portion of debt service on Tax-Exempt Bonds issued to fund the Proposed Programs(s) as applicable; and (d) fulfill other conditions imposed under the Programs(s) and hereby directs and authorizes the Designated Officers to certify such acknowledgement and agreement as part of the submitted Application. The Designated Officers are hereby authorized and directed to fulfill all conditions of the Proposed Programs(s) including without limitation providing for the operation and maintenance of the Project and using available funds of the Institution to pay for such operation and maintenance and to satisfy conditions of the Proposed Program(s) to contribute to the cost of Projects and/or debt service on Tax-Exempt Bonds issued to fund Proposed Program(s) from available funds of the Institution.

SECTION 3. The Board further approves the financing of all or any portion of the Project with Tax-Exempt Bonds, commercial loans and other funds available to the Institution and through the Financing Structure determined to be most economically advantageous to the Institution by Frederick Keating and Dominick J. Burzichelli (the "Designated Officers"). The Designated Officers are expressly authorized and directed to determine such Financing Structure provided that the Financing Structure includes utilization of Programs which are approved by the Secretary for financing the Project.

SECTION 4. The Board Chairperson, the President and Vice President and Chief Operating Officer (each an "Authorized Officer") are hereby authorized and directed to approve, execute and deliver any and all agreements necessary to undertake, implement and finance the Project and any and all other financing documents and instruments in the form approved by the Authorized Officers executing the same in the name of and on behalf of the Rowan College at Gloucester County, in as many counterparts as may be necessary, and to affix or impress the official seal of the Institution thereon and to attest the same and such execution and attestation will be conclusive evidence of the approval of the form and content of such agreements and other documents and instruments necessary to undertake, implement and finance the Project and to pay Financing Costs including through the financing thereof. The Authorized

Officers are further authorized and directed to do and perform such other acts and to take such other actions as may be necessary or required, or which may be deemed to be appropriate to implement the purposes of this resolution to undertake, implement and finance the Project and Financing Costs and the payment and/or repayment thereof.

SECTION 5. This Resolution is a declaration of the official intent of the Institution that the Institution reasonably expects and intends to reimburse expenditures for costs of the Project[s] paid prior to issuance Tax-Exempt Bonds or other tax-exempt debt issued to fund the Projects/Programs [“Applicable Tax-Exempt Debt”] in accordance with the Treasury Regulation Section 1.150-2 and that the maximum principal amount of the Tax-Exempt Debt expected to be issued to finance costs of the Projects [s] including amounts to be used to reimburse expenditures for such costs paid prior to the issuance of the such Tax-Exempt Debt is \$7,000,000 (including Financing Costs).

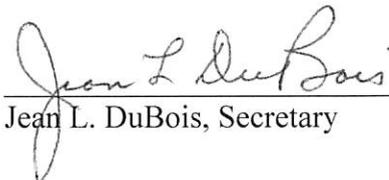
SECTION 6. All resolutions, orders and other actions of the Board of the Institutions in conflict with the provisions of this resolutions to the extent of such conflict are hereby superseded, repealed or revoked.

SECTION 7. This Resolution shall take effect immediately; and be it further

RESOLVED: That no further approvals by the Board are necessary to implement this resolution.

ADOPTED: At a regular meeting of the Rowan College at Gloucester County Board of Trustees held Tuesday December 8, 2015.

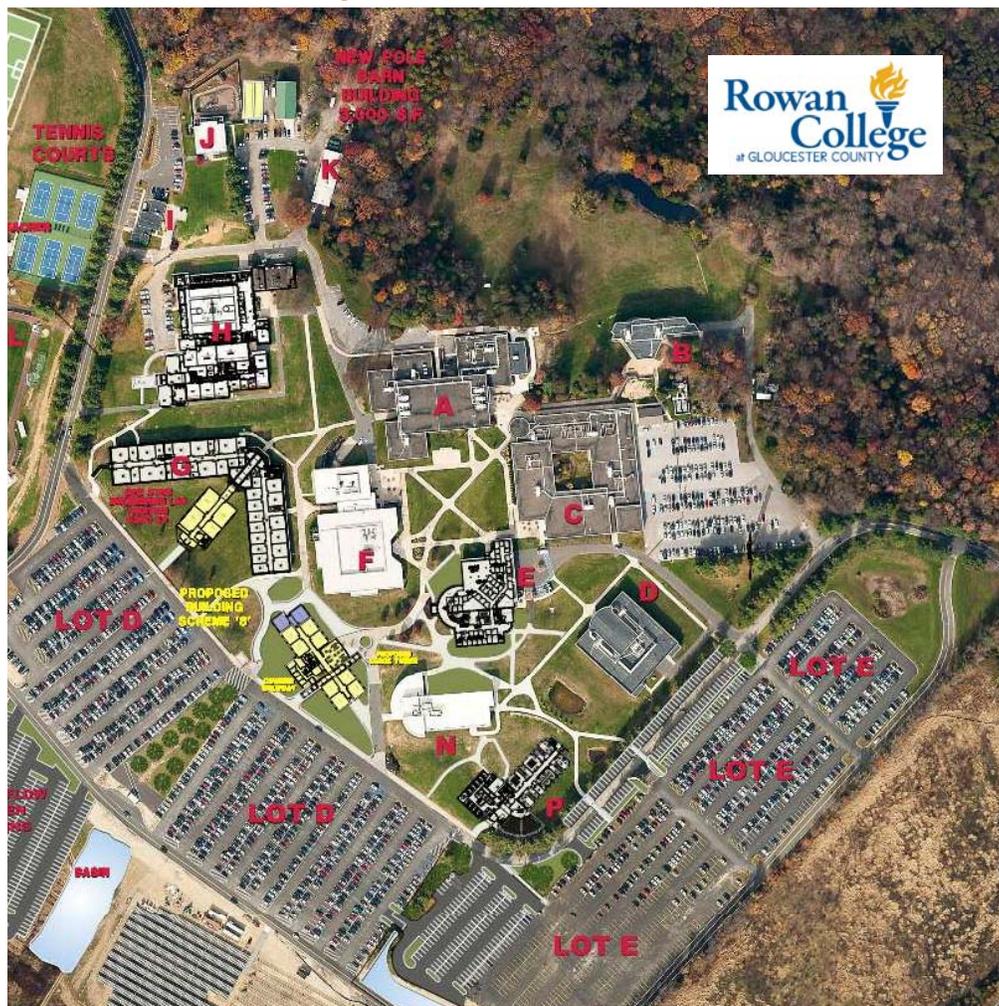

Gene J. Concordia, Chairperson

Attested: 
Jean L. DuBois, Secretary





**MASTER PLAN FACILITY STUDY
and
LONG RANGE FACILITIES PLAN
May 6, 2013
Update December 2015**



GARRISON ARCHITECTS



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Please visit us on the web at www.garrisonarch.com

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(Current Buildings in Plan to be updated)

Building

A	Eugene J. McCaffrey College Center
B	Fine and Performing Arts Center
C	Instruction Center
D	Business and Corporate Center – under construction
E	Student Services Center
F	Library and Media Center
G	Scott Hall Center
H	Law and Justice Education Center
I	Safety & Security
J	Early Childhood Center
K	Facilities Office Center
L	CEC Center
M	College Services (off campus)
N	GCFA (Fire Academy) (off campus)
O	University Center
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Q	Bankbridge Development Center
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 - 5c. G - Scott Hall – STEM Classroom Addition
 - 5d. _ - New Wood Frame Pole Barn, FATS System Relocation and Renovation to the Facilities Office Center and Safety and Security Building

INTRODUCTION

Garrison Architects is pleased to work with the Board of Trustees, Administration and Staff to provide the overall Master Plan Facilities Study and Long Range Facilities Plan at Rowan College at Gloucester County. As shown by the revisions dating back to 2008, this is a working document. This document will be updated as the goals, curriculum and funding sources continue to change.

We were privileged to have had the previous Master Plan Studies, June 1999 completed by The Vaughn Collaborative, Garrison Architects Master Plan, October 2004 and A Master Plan for a Unified Gloucester County Educational Campus, February 2008 prepared by WRT with Robbie Conley to use as resources. By reviewing almost ten inches of documents we were able to identify recommendations and changes that have been put into effect enhancing the existing facilities. We will reiterate recommendations that have not been realized and most importantly identify new specific administrative changes and projects that we recommend be implemented.

Garrison Architects is committed to design excellence, personal service and “doing the right thing”. Before “it” was named and came into vogue, Sustainable “Green” Design Practices and Energy Conservation were part of our vocabulary and strategy. As a member of the US Green Building Counsel, Garrison Architects continues to learn about and implement new Holistic Green Building Design strategies that are infused in our services. The Sustainable Design recommendations on the following page will be implemented in every phase of the proposed Long Range Facility Plan Projects as applicable.



INTRODUCTION (continued)



Sustainable Designbeyond “green-washing” to real action

Garrison Green Design Based on LEED (Leadership in Energy and Environmental Design)

Garrison Architects is committed to design excellence, personal service and “Doing The Right Thing”. Before “it” was named and came into vogue, sustainable “Green” design practices were a part of our vocabulary and strategy. As a member of the US Green Building Council, **Garrison Architects** continues to learn about and implement new **Holistic Green Building Design Strategies** that are infused in our services.

Sustainable Sites

- Storm Water Management
- Sediment Control
- Maximize Open Space
- Energy Star Rated Roof Coating
- Site Lighting to Reduce Light Pollution

Water Efficiency

- 1.6 Gallon Per Flush Water Closets
- Automatic Flush Valve Controls
- Metering Automatic Faucets

Materials and Resources

- Building Reuse and Adaptive Renovations
- Construction Waste Management – Recycling 50% of Waste
- Specified Products with Required Recycled Content

Energy and Atmosphere

- Computerized Automatic Temperature Control Systems (ATC)
- Mechanical System Commissioning with Testing and Balancing Both Air and Water Systems
- Premium Efficiency Energy Performance Motors and Equipment Specified
- High Efficiency Central Chiller Plant or VAV (Variable Air Volume) Distribution Systems
- Variable Speed Drives on all Major Motors
- High Efficiency Domestic Hot Water Heaters and Boilers
- Incremental HVAC Equipment and Controls
- Motion Sensor Switches
- High Efficiency Fluorescent Lighting
- Time Controlled Water Coolers
- Outside Air Heat Recovery Systems

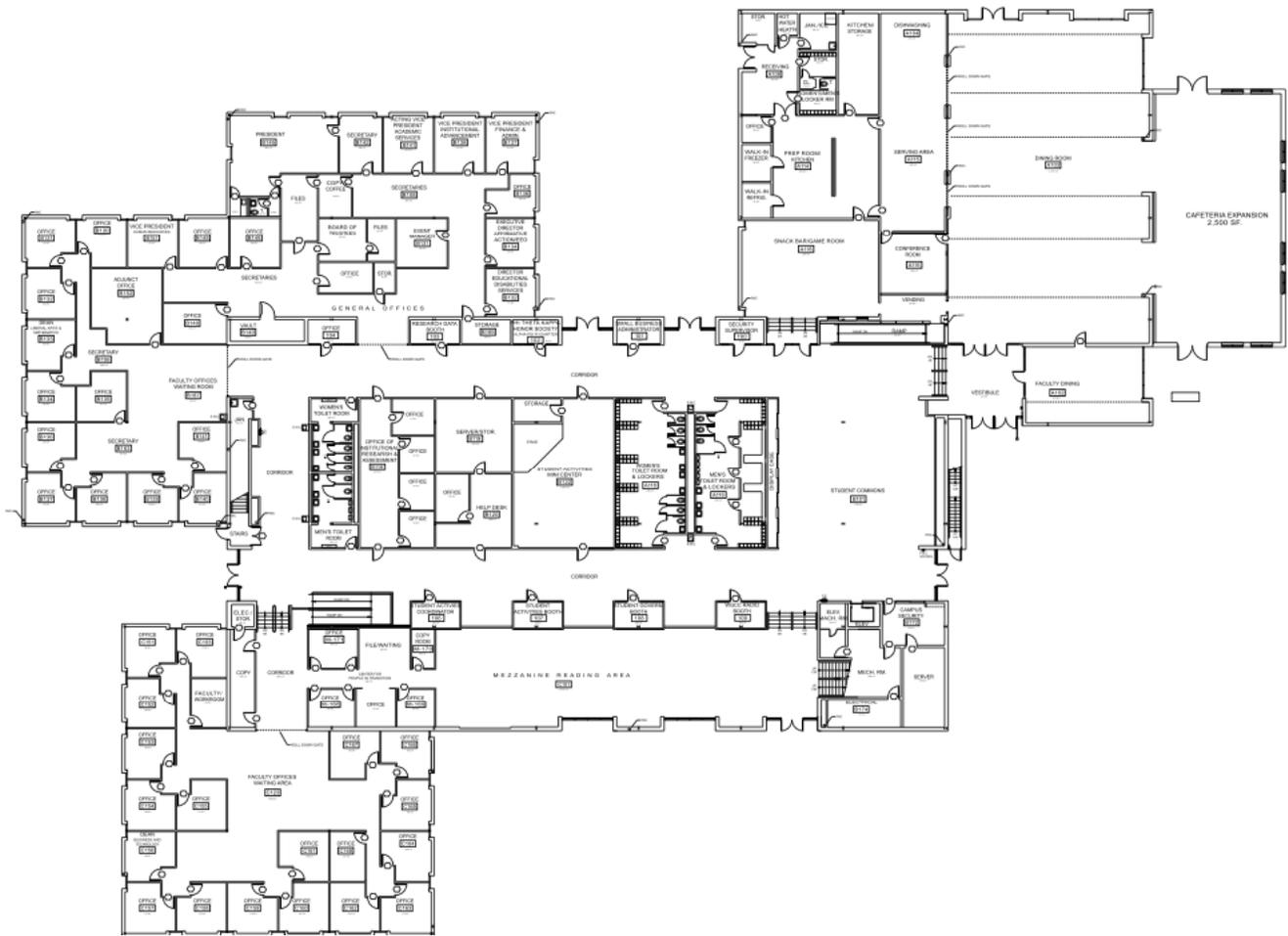
Indoor Environmental Quality

- Outdoor Air Delivery Monitoring Controlled by the ATC System
- Increased Ventilation Rates
- Indoor Air Quality Enhancements and Monitoring by the ATC System
- Low-emitting Materials Specified
- Dimmable Computer Controlled Lighting Systems in Auditoriums
- Individual Space Sensors Reporting Temperature, Humidity and CO² Levels to ATC System
- Replacement of Exterior Building Veneer and Window Systems Increasing Insulation Value
- Low E Coatings and Thermally Insulated Window Glazing Systems
- Roof Insulation Replacement to Reduce Thermal Heat Loss/Gain

Insert the 11 x 17

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building A – Eugene J. McCaffrey College Center



GLoucester County College Existing College Center First Floor Plan -1988
SCALE: 3/32" = 1'-0"

FACILITY ASSESSMENT and LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING

Building A – Eugene J. McCaffrey College Center (continued)

Existing HVAC Conditions:

The College Center HVAC system consists of numerous hot water heat and chilled water cooling rooftop mounted air handling Multi-Zone units. These units are generally arranged so that the main two-story building has six (6) units, (3) at each end. The one-story building Cafeteria area has two (2) Multi-Zone units and one (1) new Trane constant volume air handling unit. Each of the other three one-story areas has a Multi-Zone unit.

UNIT LOCATION	MANUFACTURER	AGE	MODEL NO.
2nd Floor Roof West	Seasons 4	1995	GMHG21-032AHW3.5-10SE
2nd Floor Roof West	Seasons 4	1995	GMHG21-022AHW3.0-10SE
2nd Floor Roof West	Seasons 4	1995	GMHG21-032AHW3.5-10SE
2nd Floor Roof East	Seasons 4	1995	GMHG21-032AHW4.0-10SE
2nd Floor Roof East	Seasons 4	1995	GMHG21-021AHW2.2-10SE
2nd Floor Roof East	Seasons 4	1995	GMHG21-032AHW3.6-10SE
Dining Room Roof	Seasons 4	1995	GMHG21-032AHW4.9-10SE
Dining Room Roof	Seasons 4	1995	GMHG21-032AHW4.7-10SE
Kitchen	Trane	2007	MUA-1 TSCB10400CA182
Faculty Office	Seasons 4	1995	
General Office	Seasons 4	1995	GMHG21-022AHW3.0-10SE
General Office	Seasons 4	1995	GMHG21-017AHW2.8-10SE

These units receive hot water for the Campus Hot Water Loop which enters the building in the mechanical room. In the mechanical room there is only one (1) secondary pump pumping from the main Campus Hot Water Loop to the heat exchanger. There is only one (1) Main Pump which circulates the heating hot water from the heat exchanger to the remainder of the building (perimeter radiation, etc.) There is a 3-way control valve which is reported to be non-functional.

The heat exchanger is a shell and tube with expansion tank, Airtrol fittings and necessary appurtenances.

The chilled water for these units is from the central chiller plant and runs exposed on the roof. There are connections to the chilled water coils in each unit with control valves. The pipe is insulated, but there are locations where the insulation is in need of repair.

FACILITY ASSESSMENT and LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING (continued)

Building A – Eugene J. McCaffrey College Center (continued)

The units being multi-zone have a fixed quantity of control zones. Each zone has a separate and distinct duct. The duct sizes that are based on the areas that the units serve, i.e., for a particular classroom, the CFM may be 1,200, which would require certain duct size. With fixed partitions, this becomes a very good system in that the air flow is always constant and the temperature varies. Based on this, it provides very good ventilation and temperature control. However, with a usage that has numerous changes to the architectural layout, it results in poor flexibility and expensive duct modifications. If there are modifications to the existing architectural layout, the duct affected would have to be modified. These type of units require constant volume fans, however, there are VFD's for supply fans that are not functioning.

It was reported that there is a pressurization problem with the building during economizer operation. Economizer operation is whenever there is a requirement for air conditioning and outside conditions allow for the outside air to be used. When this occurs, 100% outside air is introduced and the chilled water coils are not used. The return air is then required to be exhausted and there is inadequate method for the exhaust air. This results in the system not being able to get rid of the excess air introduced.

There is a large Central Air Handler (single zone unit) for the kitchen area. This particular unit appears to be relatively new.

Rooftop Air Handlers Supply Fans' VFDs have been reported to be disabled due to weather exposure. Having the disabled VFDs contribute to the over pressurization of building when in economizer mode.

There are numerous exhaust fans and generally the fans in the kitchen area appear to be new, while the other fans appear to be of an older vintage. The exact age of these fans is not known. It would be fair to assume that they may be original fans.

The Mezzanine Level was renovated in 1989. The HVAC work consisted of mainly ductwork modifications and rebalancing of the existing rooftop mounted Multi-Zone units.

Building is connected to Campus DDC via "Trane Summit" controls.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building A – Eugene J. McCaffrey College Center (continued)

Recommended Upgrades:

Immediate Upgrades

The chilled water pipe insulation on the roof requires repair.

Replace rooftop air handlers supply air fans VFD's in a manner so that when the rooftop units are replaced, the VFD's can be reused.

Provide controls for controlling exhaust fans, so fans are able to be controlled to cycle on/off and also are not capable of being controlled from the central computer system.

The existing hot water heat pumps are old and should be replaced. Replacement should be for lead lag operation with variable speed drive. The use of the variable speed drive will result in energy savings and will require that any 3-way control mixing valves in the system be replaced with 2-way control valves.

Add CO2 sensors to the multi-zone units. This will allow for reduction of energy used for tempering outside air in summer and winter when spaces are not fully occupied in the occupied cycle when spaces are not fully occupied in the occupied cycle.

Provide combustion air in Mechanical Room for Gas-Fired Domestic Hot Water.
Provide controls for controlling exhaust fans, so fans are able to be controlled to cycle on/off and also are capable of being controlled from the central computer system.

There is a central air handler (single zone unit) for the computer area. This particular unit appears to be relatively new.

Existing ductless split system in main server room is failing and needs to be replaced.

There are numerous exhaust fans and generally the fans in the kitchen area appear to be new, while the other fans appear to be of an older vintage. The exact age of these fans is not known. It would be fair to assume that they may be original fans.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building A – Eugene J. McCaffrey College Center (continued)

Existing ductless split system in main server room is failing and needs to be replaced.

Insulate walk-in refrigerators refrigerant pipe which is sweating onto ceiling causing mold and damage above Kitchen hard ceiling.

Future Upgrades

The existing rooftop mounted Multi-Zone units provide very good comfort control and ventilation, but they do not allow for a reduction in air flow during periods of low or no occupancy. We recommend replacement of these units (at the end of their useful life) with VAV units with VAV boxes located in place of existing Zone Dampers above roof. The present manufacturer (Seasons 4), as well as other manufacturers offer this type of conversion as a standard. Also, due to over-pressurization, exhaust fans should be added to allow use during economizer mode. An enhancement, which will allow for a great reduction in energy usage, would be the use of a heat recovery device built into the unit. This is similar to the type of equipment that is presently installed on the roof of the Learning Center. This device utilizes air that would normally be exhausted to be used to preheat and/or precool code required outside air.

Replace existing Electric Water Fountains with ADA compliant models.

Only Upper Level is sprinkled. Provide sprinkler coverage for Lower Level so that entire building is fully sprinkled. Provide new fire service with capacity to sprinkler the entire building.

Existing Electrical Conditions:

Electric Service

The main switchgear consists of an outdoor 750 KVA pad mounted transformer, indoor 1200 amp 277/480 volt main distribution panel, 225 KVA indoor step down transformer and an 800 amp 120/208V distribution panelboard. An outdoor 800 amp main circuit breaker was recently added and is in good shape. Branch panels are located throughout. This equipment dates from the original construction.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building A – Eugene J. McCaffrey College Center (continued)

The main computer room does not have a central, consolidated UPS unit. This unit will also require new UPS panels. In addition either a separate generator for this unit is required or the building 30 Kw generator will require replacement.

Emergency Power

A 30 KW natural gas generator is present in the main electric room. The age and condition of this unit is ten years or less and is in good shape.

The existing transfer switch was recently replaced.

Fire Alarm System

A relatively new Notifier panel has been installed. Devices throughout are functional but approaching the limit of useful life.

Lighting

Older and less efficient T12 lamps have been replaced with more efficient T8 lamps. In the first floor common areas many fixtures use incandescent lamps. These lamps should be replaced with screw-in self ballasted fluorescent lamps. Many fixtures and wiring are from original construction.

It is recommended that motion sensor switches be installed in small offices and motion detectors installed in classrooms.

Additional exterior lighting is required.

Branch Wiring

Throughout the building, additional receptacles are required for equipment. These new receptacles will require new branch electrical panels and electrical feeders.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building A – Eugene J. McCaffrey College Center (continued)

Paging System

A paging system is present in the building. This consists of speakers in the corridor that are located above the drop ceiling. Costs should be allocated for a combination telephone/paging system.

Recommended Upgrades:

Immediate

- New fire alarm system
- Replace incandescent lamps
- New transfer switch
- Add building mounted exterior lights
- Additional receptacles
- New UPS unit for Computer Room
- New generator for UPS Unit
- Motion type switches in small offices
- Motion detectors in classrooms

5 to 10 Year Upgrades

- Indoor Switchgear Replacement (800 amp outdoor breaker to remain)
- Transformer Replacement
- Rewire entire building
- Paging / Telephone System

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building A – Eugene J. McCaffrey College Center (continued)

GLOUCESTER COUNTY COLLEGE LONG RANGE FACILITY PLAN - PROJECT BUDGET 17-Dec-08										A
Site	Project Description	Unit	Unit Cost	2008 Cost Estimate	20% Contingency	SubTotal	Inflation Factor	Proposed Year	Projected Cost	
A	(1968) COLLEGE CENTER								70,201 SF	
LIFE SAFETY, ADA & OTHER CODE RELATED PROJECTS										
A1.1	FIRE SPRINKLER SYSTEM: 1st Floor	48000	\$5.00	\$240,000.00	\$48,000.00	\$288,000.00	1	TBD	\$288,000.00	
A1.2	FIRE ALARM SYSTEM: Fully Addressable & ADA Compliant	70201	\$5.00	\$351,005.00	\$70,201.00	\$421,206.00	1	TBD	\$421,206.00	
A1.3	CEILING REPLACEMENT: 1st Floor & Approximately 15,000 s.f. of 2nd Floor (Approx. 7,000 s.f. of ceiling & lighting has recently been replaced)	63000	\$4.00	\$252,000.00	\$50,400.00	\$302,400.00	1	TBD	\$302,400.00	
A1.4	LIGHTING REPLACEMENT: (High Efficiency) AREA OF REFUGE: Construct Fire/Smoke Rated Enclosure, Required Signage & Communications Adjacent to (2) 2nd Floor Stair	63000	\$5.00	\$315,000.00	\$63,000.00	\$378,000.00	1	TBD	\$378,000.00	
A1.5	Tower Entries	2	\$18,000.00	\$36,000.00	\$7,200.00	\$43,200.00	1	TBD	\$43,200.00	
A1.6	ROOF ACCESS LADDERS & SAFETY RAILING	1	\$30,000.00	\$30,000.00	\$6,000.00	\$36,000.00	1	TBD	\$36,000.00	
A1.7	INTERIOR DOOR & HARDWARE REPLACEMENT	145	\$1,600.00	\$232,000.00	\$46,400.00	\$278,400.00	1	TBD	\$278,400.00	
A1.8	1st Floor Men's & Women's Toilet/Locker Room: Add Automatic Door Operators	2	\$3,500.00	\$7,000.00	\$1,400.00	\$8,400.00	1	TBD	\$8,400.00	
A1.9	ADA TOILET ROOM RENOVATIONS (1st Floor Faculty Men's & Women's Toilet Rooms)	2	\$60,000.00	\$120,000.00	\$24,000.00	\$144,000.00	1	TBD	\$144,000.00	
A1.10	ADA COMPLIANT DRINKING FOUNTAINS: Replace Existing	4	\$3,000.00	\$12,000.00	\$2,400.00	\$14,400.00	1	TBD	\$14,400.00	
A1.11	ADA Compliant Elevator Replacement & Required Modifications	1	\$100,000.00	\$100,000.00	\$20,000.00	\$120,000.00	1	TBD	\$120,000.00	
A1.12	Handrail Replacement (3 stair locations)	3	\$10,000.00	\$30,000.00	\$6,000.00	\$36,000.00	1	TBD	\$36,000.00	
A1.13	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
A1.14	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
A1.15	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
A1.16	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
A1.17	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
LIFE SAFETY, ADA & OTHER CODE RELATED COLLEGE CENTER PROPOSED PROJECTS SUBTOTAL									\$2,070,006.00	

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building A – Eugene J. McCaffrey College Center (continued)

ENERGY SAVINGS RELATED PROJECTS										
A2.1	WINDOW REPLACEMENT	2765	\$55.00	\$152,075.00	\$30,415.00	\$182,490.00	1	TBD	\$182,490.00	
A2.2	CURTAIN WALL REPLACEMENT	1446	\$60.00	\$86,760.00	\$17,352.00	\$104,112.00	1	TBD	\$104,112.00	
A2.3	EXTERIOR STOREFRONT REPLACEMENT	360	\$60.00	\$21,600.00	\$4,320.00	\$25,920.00	1	TBD	\$25,920.00	
A2.4	EXTERIOR DOOR REPLACEMENT	20	\$6,500.00	\$130,000.00	\$26,000.00	\$156,000.00	1	TBD	\$156,000.00	
A2.5	AUTOMATIC OPERATORS	10	\$3,500.00	\$35,000.00	\$7,000.00	\$42,000.00	1	TBD	\$42,000.00	
A2.6	Replacement of Existing Multi-Zone Units with VAV Units	11	\$100,000.00	\$1,100,000.00	\$220,000.00	\$1,320,000.00	1	TBD	\$1,320,000.00	
A2.7	Provide New Primary/Secondary Pumping with VFD Drives & Premium Efficiency Motors to Reduce Energy Use & Cost	3	\$60,000.00	\$180,000.00	\$36,000.00	\$216,000.00	1	TBD	\$216,000.00	
A2.8	Provide CO2 Demand Control Ventilation to Reduce Energy Use & Cost	11	\$5,000.00	\$55,000.00	\$11,000.00	\$66,000.00	1	TBD	\$66,000.00	
A2.9	Provide Control Connection of Existing Exhaust to the Trane Summit DDC	20	\$2,500.00	\$50,000.00	\$10,000.00	\$60,000.00	1	TBD	\$60,000.00	
A2.10	Motion Sensors: Perimeter Rooms	35	\$600.00	\$21,000.00	\$4,200.00	\$25,200.00	1	TBD	\$25,200.00	
A2.11	Motion Sensor Type Switches	50	\$300.00	\$15,000.00	\$3,000.00	\$18,000.00	1	TBD	\$18,000.00	
A2.12	ALLOWANCE: Motor Connections & Wiring	1	\$50,000.00	\$50,000.00	\$10,000.00	\$60,000.00	1	TBD	\$60,000.00	
A2.13	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
A2.14	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
A2.15	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
A2.16	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
ENERGY SAVINGS COLLEGE CENTER PROPOSED PROJECTS SUBTOTAL										\$2,275,722.00

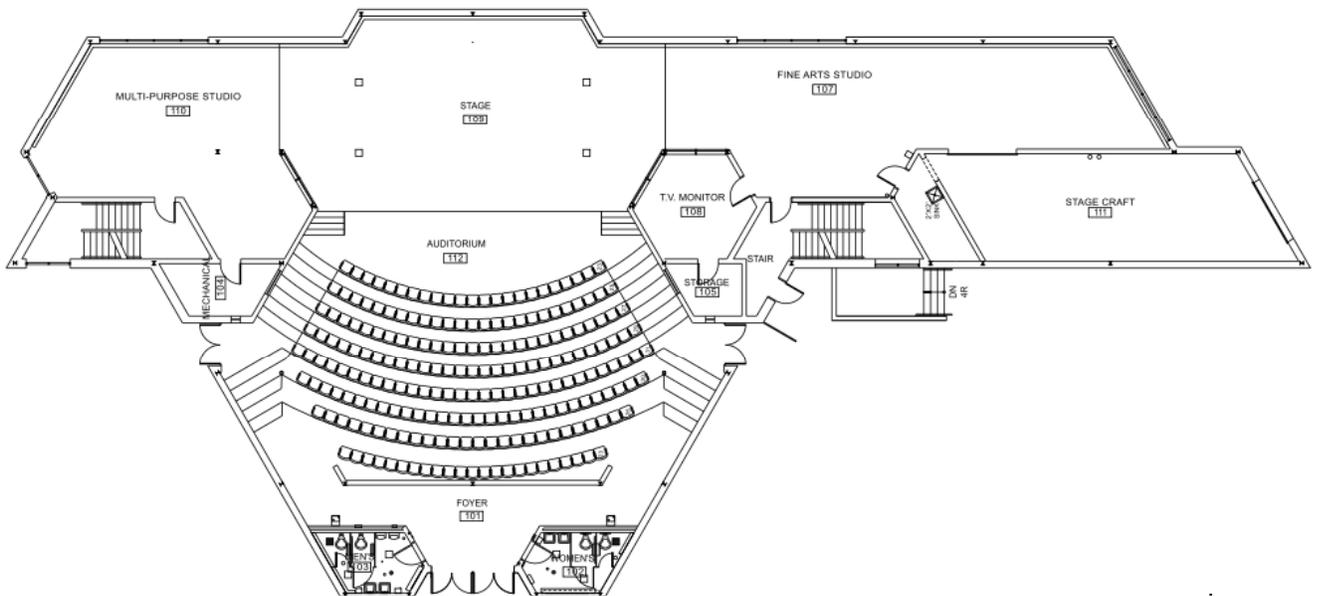
**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building A – Eugene J. McCaffrey College Center (continued)

USER REQUIREMENTS, END OF USEFUL LIFE, FINISHES, ETC. RELATED PROJECTS									
A3.1	ROOF REPAIRS	1	\$50,000.00	\$50,000.00	\$10,000.00	\$60,000.00	1	TBD	\$60,000.00
	Replace Remaining Exhaust Fans with New Fans with Premium Efficiency Motors and Rebalance Toilet Room Exhaust as per latest Code	5	\$3,000.00	\$15,000.00	\$3,000.00	\$18,000.00	1	TBD	\$18,000.00
A3.2									
A3.3	Repair Chilled Water Pipe Insulation on Roof	1	\$30,000.00	\$30,000.00	\$6,000.00	\$36,000.00	1	TBD	\$36,000.00
A3.4	Replace Multi-Zone Unit Supply Fans VFD Drives	11	\$7,500.00	\$82,500.00	\$16,500.00	\$99,000.00	1	TBD	\$99,000.00
A3.5	New Emergency Generator for Computer Center	1	\$125,000.00	\$125,000.00	\$25,000.00	\$150,000.00	1	TBD	\$150,000.00
A3.6	Gas Piping for Emergency Generator	1	\$30,000.00	\$30,000.00	\$6,000.00	\$36,000.00	1	TBD	\$36,000.00
A3.7	Replace Existing Auto Transfer Switch	1	\$20,000.00	\$20,000.00	\$4,000.00	\$24,000.00	1	TBD	\$24,000.00
A3.8	Add Building Mounted Exterior Lights	30	\$600.00	\$18,000.00	\$3,600.00	\$21,600.00	1	TBD	\$21,600.00
A3.9	Additional Convenience Receptacles	70201	\$1.00	\$70,201.00	\$14,040.20	\$84,241.20	1	TBD	\$84,241.20
A3.10	New Panels & Feeders for Receptacles	8	\$12,000.00	\$96,000.00	\$19,200.00	\$115,200.00	1	TBD	\$115,200.00
A3.11	Rewire Entire Building	70201	\$15.00	\$1,053,015.00	\$210,603.00	\$1,263,618.00	1	TBD	\$1,263,618.00
A3.12	New Main Switch Gear Inside Building	1	\$150,000.00	\$150,000.00	\$30,000.00	\$180,000.00	1	TBD	\$180,000.00
A3.13	New Transformer	1	\$100,000.00	\$100,000.00	\$20,000.00	\$120,000.00	1	TBD	\$120,000.00
A3.14	Paging / Telephone System	70201	\$1.00	\$70,201.00	\$14,040.20	\$84,241.20	1	TBD	\$84,241.20
A3.15	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
A3.16	UPS New Unit - 50 KW	1	\$75,000.00	\$75,000.00	\$15,000.00	\$90,000.00	1	TBD	\$90,000.00
A3.17	UPS New Panels	2	\$15,000.00	\$30,000.00	\$6,000.00	\$36,000.00	1	TBD	\$36,000.00
A3.18	UPS Room HVAC Improvements	1	\$45,000.00	\$45,000.00	\$9,000.00	\$54,000.00	1	TBD	\$54,000.00
A3.19	Insulate Existing Refrigerant Pipe (Food Service Walk-in Boxes), Water Damage (Potential Mold) Above Kitchen Ceiling, Remove and Replace Existing Ceiling as Required FINISHES: Replace Floor/Wall Base, Painting and ADA Compliant Identification Signage	1	\$8,000.00	\$8,000.00	\$1,600.00	\$9,600.00	1	TBD	\$9,600.00
A3.20	Throughout	70201	\$15.00	\$1,053,015.00	\$210,603.00	\$1,263,618.00	1	TBD	\$1,263,618.00
A3.21	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
A3.22	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
USER REQUIREMENTS, END OF USEFUL LIFE, FINISHES, ETC COLLEGE CENTER PROPOSED PROJECTS SUBTOTAL									
COLLEGE CENTER PROPOSED PROJECT TOTAL									
\$3,745,118.40									
\$8,090,846.40									

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building B – Fine and Performing Arts Center



**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

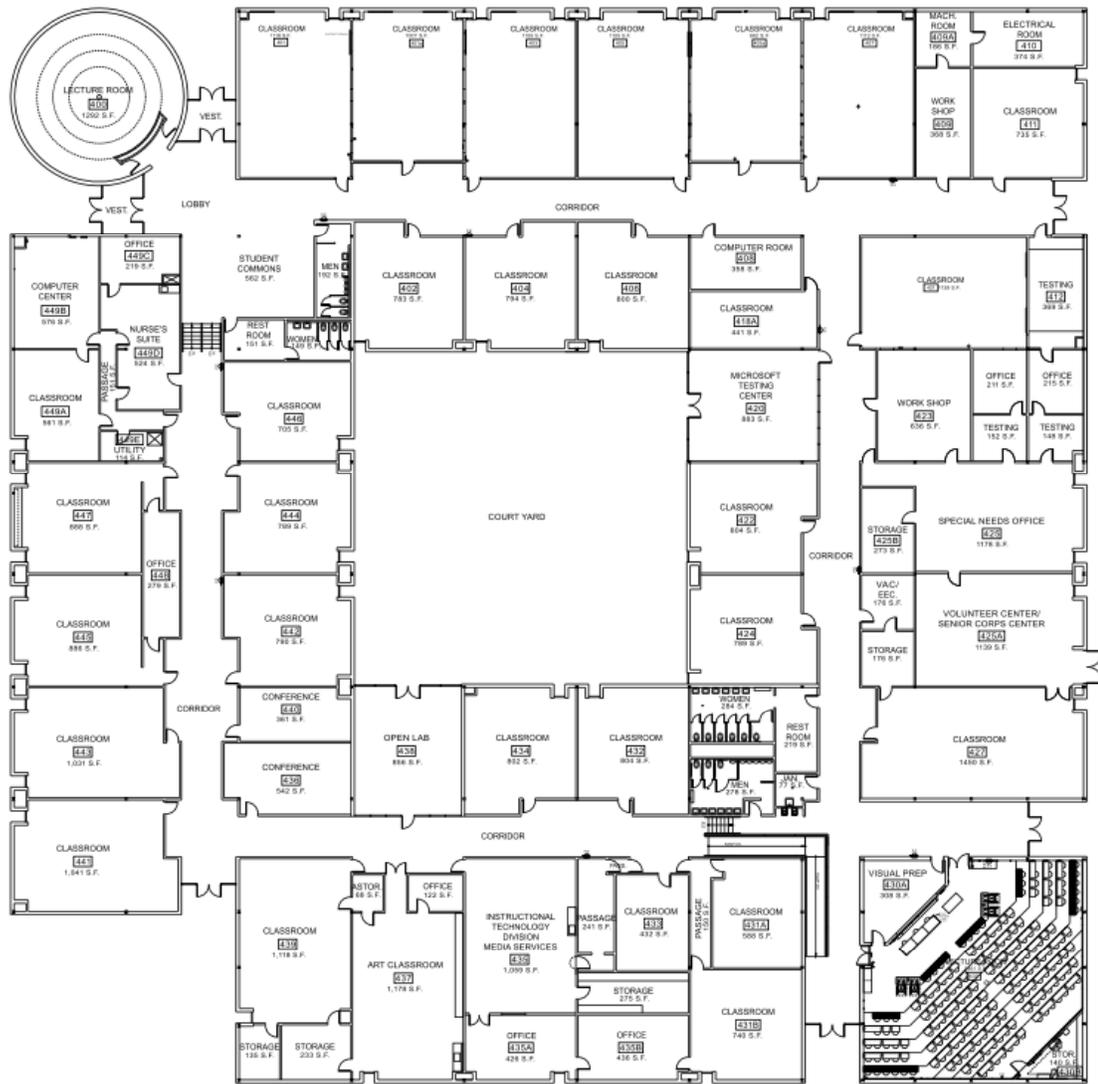
Building B – Fine and Performing Arts Center

The Fine Arts Center was constructed in 1968 as one of the original buildings on the campus. The building is a total of three stories. The first floor is 5,390 SF and consists of storage and mechanical spaces. The lower level is a walk-out in the rear and basement in the front. The second floor is 9,253 SF and houses the main entrance and auditorium spaces with the stage and flanking storage areas. The third floor is 2,529 SF and houses lighting gallery, projection booth and storage. The building is located adjacent to wood lands/wet lands off the main campus quad. Interior renovations were completed 2011 and included finishes, electric system upgrades, and technology integration. The roof was replaced in 2012 with a 20-year EPDM Roof.

Expansion and future development of this building is not recommended or considered at this time. The facility functions well as a theater and large lecture hall.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building C - Instructional Center



GLOUCESTER COUNTY COLLEGE EXISTING INSTRUCTIONAL CENTER FLOOR PLAN -1998
SCALE: 3/32" = 1'-0"

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building C - Instructional Center (continued)

Existing HVAC Conditions:

Building has multiple rooftop mounted units which utilized chilled water cooling and hot water heating. These units feed various zones of the building with separate supply duct distribution.

The Rooftop Air Handlers are listed below.

NO.	SERVES	MFG.	MODEL NO.
RTU-2	Science Wing	Seasons 4	GMHG21-032AHW6.0-10SE
RTU-1	Science Wing & Entrance	Seasons 4	GMHG21-032AHW6.0-10SE
RTU-7	449 Suite	Trane	TSC1300300
RTU-3	Classroom	Seasons 4	GMHG21-032AHW4.9-10SE
RTU-4	Lecture	Seasons 4	GMHG21-032AHW4.9-10SE
RTU-5	Graphics Classroom	Seasons 4	GMHG21-032AHW5.1-10SE
RTU-6	Classroom	Seasons 4	GMHG21-032AHW4.9-10SE
RTU-8	Special Education	Trane	-

These units receive hot water for the Campus Hot Water Loop which enters the building in the mechanical room. In the mechanical room there is only one (1) secondary pump pumping from the main Campus Hot Water Loop to the heat exchanger. There is only one (1) Main Pump which circulates the heating hot water from the heat exchanger to the remainder of the building (perimeter radiation, etc.) There is a 3-way control valve which is reported to be non-functional.

The heat exchanger is a shell and tube with expansion tank, Airtrol fittings and necessary appurtenances.

The chilled water for these units is from the central chiller plant and runs exposed on the roof. There are connections to the chilled water coils in each unit with control valves. The pipe is insulated, but there are locations where the insulation is in need of repair.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building C - Instructional Center (continued)

The units being multi-zone have a fixed quantity of control zones. Each zone has a separate and distinct duct. The duct sizes that are based on the areas that the units serve, i.e., for a particular classroom, the CFM may be 1,200, which would require certain duct size. With fixed partitions, this becomes a very good system in that the air flow is always constant and the temperature varies. Based on this, it provides very good ventilation and temperature control. However, with a usage that has numerous changes to the architectural layout, it results in poor flexibility and expensive duct modifications. If there are modifications to the existing architectural layout, the duct affected would have to be modified. These type of units require constant volume fans, however, there are VFD's for supply fans that are not functioning.

It was reported that there is a pressurization problem with the building during economizer operation. Economizer operation is whenever there is a requirement for air conditioning and outside conditions allow for the outside air to be used. When this occurs, 100% outside air is introduced and the chilled water coils are not used. The return air is then required to be exhaust and there is inadequate method for the exhaust air. This results in the system not being able to get rid of the excess air introduced.

No Combustion Air in Mechanical Room. Odor of Gas is present when Domestic Hot Water is firing.

Building is connected to Campus DDC via "Trane Summit" controls.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building C - Instructional Center (continued)

Recommended Upgrades:

Immediate Upgrades

Several service and upgrades have been completed on the mechanical system including controls and air-flow balancing. Systems are providing very good comfort control and ventilation and meet the facility needs.

Existing Electrical Conditions:

Electric Service

The main switchgear consists of an outdoor 750 KVA pad mounted transformer, indoor 1000 amp 277/480 volt main distribution panel, 225 KVA indoor step down transformer and an 800 amp 120/208V distribution panelboard. Branch panels are located throughout. This equipment dates from the original construction.

Emergency Power

A 30 KW natural gas generator is present in the main electric room. The age and condition of this unit is ten years or less and is in good shape.
The existing transfer switch is at least forty years old and should be replaced.

Fire Alarm System

The fire alarm system throughout the building is functional but approaching the limit of useful life. Replacement should be considered.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building C - Instructional Center (continued)

Lighting

Older and less efficient T12 lamps have been replaced with more efficient T8 lamps. Many fixtures and wiring are from original construction.

Classroom #400 currently utilizes incandescent fixtures for general lighting. New fluorescent lighting should be considered.

It is recommended that motion sensor switches be installed in small offices and motion detectors installed in classrooms.

Additional exterior lighting is required.

Branch Wiring

Throughout the building, additional receptacles are required for equipment. These new receptacles will require new branch electrical panels and electrical feeders.

Paging System

A paging system is present in the building. This consists of speakers in the corridor that are located above the drop ceiling. Costs should be allocated for a combination telephone/paging system.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building C - Instructional Center (continued)

Recommended Upgrades:

Immediate

- New fire alarm system
- Upgrade lighting in Classroom #400
- New transfer switch
- Add building mounted exterior lights
- Additional receptacles
- Motion type switches in small offices
- Motion detectors in classrooms

5 to 10 Year Upgrades

- Switchgear replacement
- Transformer Replacement
- Rewire entire building
- Paging System

FACILITY ASSESSMENT and

**LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building C - Instructional Center Budget

GLOUCESTER COUNTY COLLEGE LONG RANGE FACILITY PLAN - PROJECT BUDGET 17-Dec-08								C	
Site	Project Description	Unit	Unit Cost	2008 Cost Estimate	20% Contingency	SubTotal	Inflation Factor		Proposed Year
C	(1968) INSTRUCTIONAL CENTER								61,232 SF
LIFE SAFETY, ADA & OTHER CODE RELATED PROJECTS									
C1.1	FIRE SPRINKLER SYSTEM:	61232	\$5.00	\$306,160.00	\$61,232.00	\$367,392.00	1	TBD	\$367,392.00
	FIRE ALARM SYSTEM: Fully Addressable & ADA								
C1.2	Compliant	61232	\$5.00	\$306,160.00	\$61,232.00	\$367,392.00	1	TBD	\$367,392.00
C1.3	CEILING REPLACEMENT	61232	\$4.00	\$244,928.00	\$48,985.60	\$293,913.60	1	TBD	\$293,913.60
C1.4	LIGHTING REPLACEMENT: (High Efficiency)	61232	\$5.00	\$306,160.00	\$61,232.00	\$367,392.00	1	TBD	\$367,392.00
C1.5	ROOF ACCESS LADDERS & SAFETY RAILING	1	\$30,000.00	\$30,000.00	\$6,000.00	\$36,000.00	1	TBD	\$36,000.00
	INTERIOR DOOR & HARDWARE								
C1.6	REPLACEMENT	108	\$1,600.00	\$172,800.00	\$34,560.00	\$207,360.00	1	TBD	\$207,360.00
	Relocate Some Interior Door Locations to								
C1.7	Address ADA Access Issues	12	\$1,500.00	\$18,000.00	\$3,600.00	\$21,600.00	1	TBD	\$21,600.00
C1.8	Handrail Replacement (2 stair locations)	2	\$10,000.00	\$20,000.00	\$4,000.00	\$24,000.00	1	TBD	\$24,000.00
C1.9	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
C1.10	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
C1.11	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
C1.12	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
LIFE SAFETY, ADA & OTHER CODE RELATED INSTRUCTIONAL CENTER PROPOSED PROJECTS SUBTOTAL									
\$1,685,049.60									
ENERGY SAVINGS RELATED PROJECTS									
C2.1	WINDOW REPLACEMENT	1260	\$55.00	\$69,300.00	\$13,860.00	\$83,160.00	1	TBD	\$83,160.00
C2.2	EXTERIOR STOREFRONT REPLACEMENT	1370	\$60.00	\$82,200.00	\$16,440.00	\$98,640.00	1	TBD	\$98,640.00
C2.3	EXTERIOR DOOR REPLACEMENT	18	\$6,500.00	\$117,000.00	\$23,400.00	\$140,400.00	1	TBD	\$140,400.00
C2.4	AUTOMATIC OPERATORS	16	\$3,500.00	\$56,000.00	\$11,200.00	\$67,200.00	1	TBD	\$67,200.00
	Replacement of Existing Multi-Zone Units with								
C2.5	VAV Units	6	\$100,000.00	\$600,000.00	\$120,000.00	\$720,000.00	1	TBD	\$720,000.00
	Provide New Primary/Secondary Pumping with								
	VFD Drives & Premium Efficiency Motors to								
C2.6	Reduce Energy Use & Cost	1	\$60,000.00	\$60,000.00	\$12,000.00	\$72,000.00	1	TBD	\$72,000.00
	Provide CO2 Demand Control Ventilation to								
C2.7	Reduce Energy Use & Cost	8	\$5,000.00	\$40,000.00	\$8,000.00	\$48,000.00	1	TBD	\$48,000.00
	Provide Control Connection of Existing Exhaust								
C2.8	to the Trane Summit DDC	12	\$2,500.00	\$30,000.00	\$6,000.00	\$36,000.00	1	TBD	\$36,000.00
C2.9	Motion Sensors: Larger Rooms	80	\$600.00	\$48,000.00	\$9,600.00	\$57,600.00	1	TBD	\$57,600.00
C2.10	Motion Sensor Type Switches	40	\$300.00	\$12,000.00	\$2,400.00	\$14,400.00	1	TBD	\$14,400.00
C2.11	ALLOWANCE: Motor Controls & Wiring	1	\$30,000.00	\$30,000.00	\$6,000.00	\$36,000.00	1	TBD	\$36,000.00
C2.12	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
C2.13	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
C2.14	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
ENERGY SAVINGS INSTRUCTIONAL CENTER PROPOSED PROJECTS SUBTOTAL									
\$1,373,400.00									

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building C - Instructional Center Budget (continued)

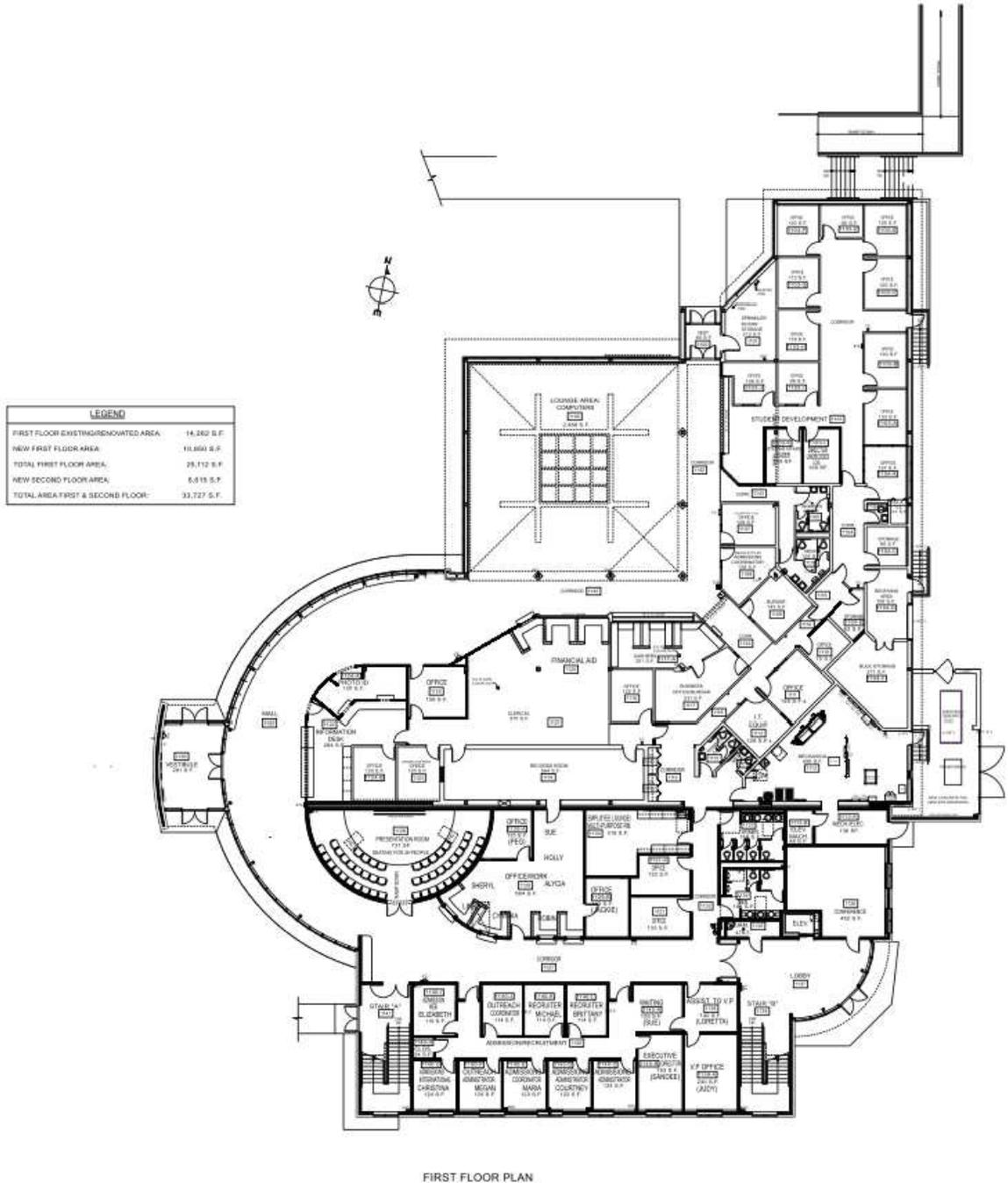
USER REQUIREMENTS, END OF USEFUL LIFE, FINISHES, ETC., RELATED PROJECTS									
C3.1	ROOF REPAIRS	1	\$60,000.00	\$60,000.00	\$12,000.00	\$72,000.00	1	TBD	\$72,000.00
	Replace Rooftop Exhaust Fans with New Fans with Premium Efficiency Motors and Rebalance								
C3.2	Toilet Room Exhaust as per latest Code	12	\$5,000.00	\$60,000.00	\$12,000.00	\$72,000.00	1	TBD	\$72,000.00
C3.3	Repair Chilled Water Pipe Insulation on Roof	1	\$50,000.00	\$50,000.00	\$10,000.00	\$60,000.00	1	TBD	\$60,000.00
	Abandoned Gas Valves Located in Ceiling								
C3.4	Plenum: Remove & Cap Pipe	4	\$2,500.00	\$10,000.00	\$2,000.00	\$12,000.00	1	TBD	\$12,000.00
	Provide Combustion Air in Mechanical Room for Gas-Fired Domestic Hot Water								
C3.5	Replace Existing Ductless A/C Unit at Main	1	\$7,500.00	\$7,500.00	\$1,500.00	\$9,000.00	1	TBD	\$9,000.00
C3.6	Computer Server Room	1	\$15,000.00	\$15,000.00	\$3,000.00	\$18,000.00	1	TBD	\$18,000.00
C3.7	Replace Existing Auto Transfer Switch	1	\$20,000.00	\$20,000.00	\$4,000.00	\$24,000.00	1	TBD	\$24,000.00
C3.8	Add Building Mounted Exterior Lights	30	\$600.00	\$18,000.00	\$3,600.00	\$21,600.00	1	TBD	\$21,600.00
C3.9	Additional Convenience Receptacles	61232	\$1.00	\$61,232.00	\$12,246.40	\$73,478.40	1	TBD	\$73,478.40
C3.10	New Panels & Feeders for Receptacles	10	\$12,000.00	\$120,000.00	\$24,000.00	\$144,000.00	1	TBD	\$144,000.00
C3.11	Paging / Telephone System	61232	\$1.00	\$61,232.00	\$12,246.40	\$73,478.40	1	TBD	\$73,478.40
C3.12	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
C3.13	Rewire Entire Building	61232	\$12.00	\$734,784.00	\$146,956.80	\$881,740.80	1	TBD	\$881,740.80
C3.14	New Main Switch Gear	1	\$175,000.00	\$175,000.00	\$35,000.00	\$210,000.00	1	TBD	\$210,000.00
C3.15	New Transformer	1	\$75,000.00	\$75,000.00	\$15,000.00	\$90,000.00	1	TBD	\$90,000.00
	FINISHES: Replace Floor/Wall Base, Painting and ADA Compliant Identification Signage								
C3.16	Throughout	61232	\$12.00	\$734,784.00	\$146,956.80	\$881,740.80	1	TBD	\$881,740.80
	RENOVATION 1: Completely Renovate Classrooms 401, 403, 405, 407 & 421 (Remove abandoned Science Casework & Utilities Completely). Reconstruct & Completely Renovate Adjacent Prep & Storage Areas to Provide (2) Approx. 1000 sf Classrooms.								
C3.17	Provide (2) Approx. 1000 sf Classrooms.	7583	\$150.00	\$1,137,450.00	\$227,490.00	\$1,364,940.00	1	TBD	\$1,364,940.00
	RENOVATION 2: Reconstruct Nurse Area 449 & Adjacent Non-Compliant Spaces (raised panel floor) Provide Solid Concrete Floor Slab, Completely Renovate to Provide (2) 680 sf + Classrooms, (1) 300 sf + SGI Room, (1) Utility Room.								
C3.18	Room.	2215	\$180.00	\$398,700.00	\$79,740.00	\$478,440.00	1	TBD	\$478,440.00
	RENOVATION 3: LGI 430 Demo and Reconstruct Built-in Desks and Seating.								
C3.19	Completely Renovate All Room Finishes	2462	\$150.00	\$369,300.00	\$73,860.00	\$443,160.00	1	TBD	\$443,160.00
C3.20	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
USER REQUIREMENTS, END OF USEFUL LIFE, FINISHES, ETC INSTRUCTIONAL CENTER PROPOSED PROJECTS SUBTOTAL									
\$4,929,578.40									
INSTRUCTIONAL CENTER PROPOSED PROJECT TOTAL									
\$7,988,028.00									

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

**Building D – Business and Corporate Center – Under Construction
See Section 4 of this report.**

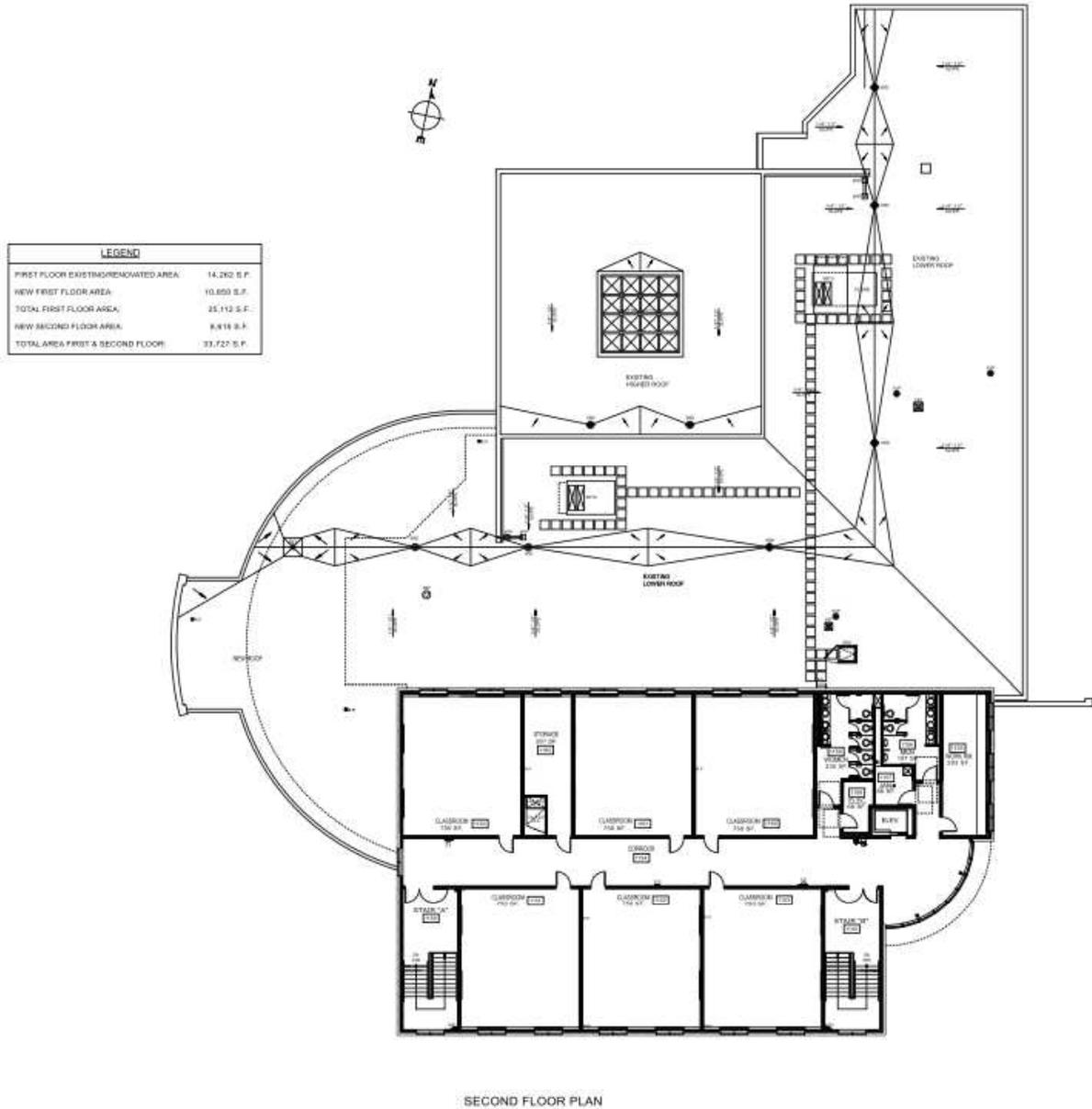
FACILITY ASSESSMENT and LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING (continued)

Building E – Student Services Center Additions and Renovations completed 2015



**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

**Building E – Student Services Center
Additions and Renovations completed 2015**



FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)

Building E – Student Services Center
Additions and Renovations completed 2015

The Student Services Center was constructed in 1986. The building is currently being used as administrative offices, Admissions, Financial Aid, Student Records and Class Registration. The building was originally designed to include a campus store that was relocated from this building in 1997 to accommodate more space for the expanded student population. The building location is the keystone or gateway to the main quad. It serves as the front door and main gateway for all student needs and services.

The Long Range Facility Plan goal was to expand the student services administrative spaces to accommodate the current and future increased enrollment that has changed substantially since 1986 when the building was constructed was completed with round one Go Grant monies and completed in November 2015. The building was expanded to accommodate additional student enrollment.

Minor renovations of the existing 16,300 SF building included removal of part of the existing overhang and roof and part of the existing masonry wall/window system to fit the new layout, removal/demolish existing offices and corridors to fit the new layout, reconstruct offices, toilet rooms, corridors, lounge area, records/file storage and IT Room.

New 2-story 20,345 SF addition including six (6) classrooms, (13) offices, employee lounge, presentation room, elevator with Mechanical Room, Toilet Rooms, Janitor's Closet, and stair tower. The First Floor new construction provides a new "front door" façade to the keystone campus building for Admissions, Financial Aid and all Student Records.

The building received a second single-ply EDPM Roof with a 20-year warranty in 2012 and the building envelope is dry and sound.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building F - Library & Media Center (continued)

2013 Renovations:

The Library renovations scope of work included upgrades to all major building systems, all new interior finishes, fixtures, furniture and equipment to accommodate a 75% reduction in the on-site storage of books and an increase in student computer access from 25 locations to 150 locations. The programmatic change from hard books to available computer resources and group study rooms dramatically changed the number of students using this space. Infrastructure upgrades were completed to support the new computer and technology.

Existing HVAC Conditions:

Library

The existing systems at the Library are packaged rooftop units serving constant volume systems with duct mounted heating coils.

The rooftop units are new (replaced in 2007). The plans were prepared by Miller and Renick Consulting Engineers and installation by Thermal Piping. The unit description, size, manufacturer and model numbers are a matter of record with the college.

The heat for this building consists of heat from the Central Boiler Plant underground Campus Heat Loop. There is a heat exchanger for heating the water source heat pumps (for the attached Learning Resource Center). There are duct mounted hot water heating coils and perimeter radiation.

The ceiling is a return air plenum ceiling.

Existing Electrical Conditions:

Electric Service

The capacity of the existing electric service is 600 amps at 277/480 volts three phase. This service dates from the original construction of 1986 and is in good shape.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building F - Library & Media Center (continued)

Emergency Power

No emergency generator is present in the Learning Resource Center / Book Store. Emergency lighting is provided via twin head type battery units. These units have a useful life of 7 to 10 years.

The Library Building has emergency circuits from the new 2015 Student Services Building Generator. A new emergency generator should be considered for the Library and Learning Resource Center / Book Store.

Fire Alarm System

The fire alarm system is 20 years old. This system is functional but plans should be made for its replacement.

Lighting

New fluorescent fixtures were installed as part of the renovation in 2013.

Exterior lighting is satisfactory.

Branch Wiring

Throughout the building, additional receptacles were added for equipment in 2013. The renovations included additional new branch panels, new convenience outlets, and technology throughout the Library.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building F - Library & Media Center (continued)

Recommended Upgrades:

5 to 10 Year Upgrades

- Switchgear replacement
- Transformer replacement
- Stand-alone generator

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building F - Library & Media Center (continued)

Learning Resource Center HVAC:

This system was originally a ground source heat pump system that consisted of water source heat pumps located above the existing ceiling and was fed by a closed loop ground water heat pump system. This system has been modified so that the existing underground geothermal water loop has been abandoned. The aboveground pipe was re-used. The Main Campus underground loop is presently used for heating. Cooling is from a new Cooling Tower.

The water source heat pump units feed low pressure supply air duct distribution with ceiling diffusers and supply registers.

The outside air for this building is provided to the heat pump units by two (2) rooftop mounted air to air heat recovery units which capture energy from the exhaust systems and transfers this energy to the incoming code required fresh air. This is accomplished via low pressure exhaust duct system and a low pressure outside air duct system that is connected to the return air of each heat pump.

Cooling (heat rejection) from the water source heat pumps is provided via a plate and frame heat exchanger. This heat exchanger is located in the Library Mechanical Room. There is a set of inline centrifugal pumps (1 standby, 1 main) which circulates water between the cooling tower and cold water side of heat exchanger.

The cooling tower is an open type draw thru located on grade directly next to the building. There are new condenser water insulated pipes on the roof from the heat exchanger to tower. The condenser water heat pump loop is isolated from the cooling tower, and is connected to the hot water side of the heat exchanger and also to the heat pumps via a set of pumps.

The heat for the water source heat pump system is provided by the Campus Hot Water Loop and is isolated from the heat pump condenser water loop via a shell and tube heat exchanger. There are secondary heat pumps which allow for control of flow from the Campus heat loop.

Library and Resource Center Buildings are connected to Campus DDC via “Summit Tracer” controls.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building F - Library & Media Center (continued)

Recommended Upgrades:

Immediate Upgrades

The rooftop mounted Energy Recovery units are approximately 12 years old and have some rust. These units should be stripped and painted.

Provide CO2 sensors in the packaged rooftop units for the Library. With these sensors, it will allow for a reduction of energy utilized for outside air conditioning and heating.

Learning Center / Bookstore Existing Electrical Conditions:

Electric Service

The existing electric service is 277/480 volts three phase. This service is approximately 10 years old and is in good shape.

Emergency Power

No emergency generator is present in the Learning Resource Center / Book Store. Emergency lighting is provided via twin head type battery units. These units have a useful life of 7 to 10 years.

The Library Building has emergency circuits from the Student Services Building Generator. A new emergency generator should be considered for the Library and Learning Resource Center / Book Store.

Fire Alarm System

The ADT Fire Alarm System has been serviced, upgraded and maintained. The building has a complete fire sprinkler system integrated with the fire alarm system.

Lighting

Lighting is approximately 10 years old and is adequate.

Motion sensors should be installed throughout for energy conservation.

Exterior lighting is satisfactory.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building F - Library & Media Center (continued)

Branch Wiring

Branch wiring is adequate.

Paging System

Costs should be allocated for a combination telephone/paging system.

Recommended Upgrades

Immediate

- Provide motion sensors for energy conservation.

5 to 10 Year Upgrades

- New emergency generator as part of the Library generator addition.
- Telephone / Paging system.
- Replace Heat Recovery Units.

FACILITY ASSESSMENT and

**LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building F - Library & Media Center Budget

GLOUCESTER COUNTY COLLEGE LONG RANGE FACILITY PLAN - PROJECT BUDGET 17-Dec-08										F
Site	Project Description	Unit	Unit Cost	2008 Cost Estimate	20% Contingency	SubTotal	Inflation Factor	Proposed Year	Projected Cost	
F	(1986) LIBRARY									27,634 SF
LIFE SAFETY, ADA & OTHER CODE RELATED PROJECTS										
FIRE ALARM SYSTEM: Fully Addressable & ADA										
F1.1	Compliant	27634	\$5.00	\$138,170.00	\$27,634.00	\$165,804.00	1	TBD	\$165,804.00	
F1.2	CEILING REPLACEMENT	27634	\$4.00	\$110,536.00	\$22,107.20	\$132,643.20	1	TBD	\$132,643.20	
F1.3	LIGHTING REPLACEMENT	27634	\$5.00	\$138,170.00	\$27,634.00	\$165,804.00	1	TBD	\$165,804.00	
F1.4	ROOF ACCESS LADDERS & SAFETY RAILING	1	\$15,000.00	\$15,000.00	\$3,000.00	\$18,000.00	1	TBD	\$18,000.00	
F1.5	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
F1.6	Interior Door and Hardware Replacement	35	\$1,600.00	\$56,000.00	\$11,200.00	\$67,200.00	1	TBD	\$67,200.00	
F1.7	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
F1.8	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
LIFE SAFETY, ADA & OTHER CODE RELATED LIBRARY PROPOSED PROJECTS SUBTOTAL										\$549,451.20
ENERGY SAVINGS RELATED PROJECTS										
F2.1	EXTERIOR STOREFRONT REPLACEMENT	139	\$60.00	\$8,340.00	\$1,668.00	\$10,008.00	1	TBD	\$10,008.00	
F2.2	EXTERIOR DOOR REPLACEMENT	11	\$6,500.00	\$71,500.00	\$14,300.00	\$85,800.00	1	TBD	\$85,800.00	
F2.3	AUTOMATIC OPERATORS	4	\$3,500.00	\$14,000.00	\$2,800.00	\$16,800.00	1	TBD	\$16,800.00	
F2.4	Provide CO2 Demand Control Ventilation to Reduce Energy Use & Cost	6	\$5,000.00	\$30,000.00	\$6,000.00	\$36,000.00	1	TBD	\$36,000.00	
F2.5	Provide Control Connection of Existing Exhaust to the Trane Summit DDC	6	\$2,500.00	\$15,000.00	\$3,000.00	\$18,000.00	1	TBD	\$18,000.00	
F2.6	Motion Sensors	60	\$600.00	\$36,000.00	\$7,200.00	\$43,200.00	1	TBD	\$43,200.00	
F2.7	Motion Sensor Type Switches	25	\$300.00	\$7,500.00	\$1,500.00	\$9,000.00	1	TBD	\$9,000.00	
F2.8	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
F2.9	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
F2.10	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
ENERGY SAVINGS LIBRARY PROPOSED PROJECTS SUBTOTAL										\$218,808.00

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building F - Library & Media Center Budget (continued)

USER REQUIREMENTS, END OF USEFUL LIFE, FINISHES, ETC. RELATED PROJECTS									
F3.1	New Emergency Generator (shared w/ LRC)	0.5	\$150,000.00	\$75,000.00	\$15,000.00	\$90,000.00	1	TBD	\$90,000.00
F3.2	Gas Piping for Emergency Generator	0.5	\$40,000.00	\$20,000.00	\$4,000.00	\$24,000.00	1	TBD	\$24,000.00
F3.3	Additional Convenience Receptacles	40	\$300.00	\$12,000.00	\$2,400.00	\$14,400.00	1	TBD	\$14,400.00
F3.4	New Panels & Feeders for Receptacles FINISHES: Replace Floor/Wall Base, Painting and ADA Compliant Identification Signage	2	\$7,500.00	\$15,000.00	\$3,000.00	\$18,000.00	1	TBD	\$18,000.00
F3.5	Throughout RENOVATION: Extensive Renovation & Reconfiguration of Entry, Circulation & Support Spaces, Including New Circulation Counter Design, New Computer Lab, New Computer	27634	\$15.00	\$414,510.00	\$82,902.00	\$497,412.00	1	TBD	\$497,412.00
F3.6	Quiet Room & Student "Ciber" Café	10000	\$180.00	\$1,800,000.00	\$360,000.00	\$2,160,000.00	1	TBD	\$2,160,000.00
F3.7	New Casework & Furniture Allowance	1	\$800,000.00	\$800,000.00	\$160,000.00	\$960,000.00	1	TBD	\$960,000.00
F3.8	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
USER REQUIREMENTS, END OF USEFUL LIFE, FINISHES, ETC LIBRARY PROPOSED PROJECTS SUBTOTAL									
									\$3,763,812.00
LIBRARY PROPOSED PROJECT TOTAL									
									\$4,532,071.20

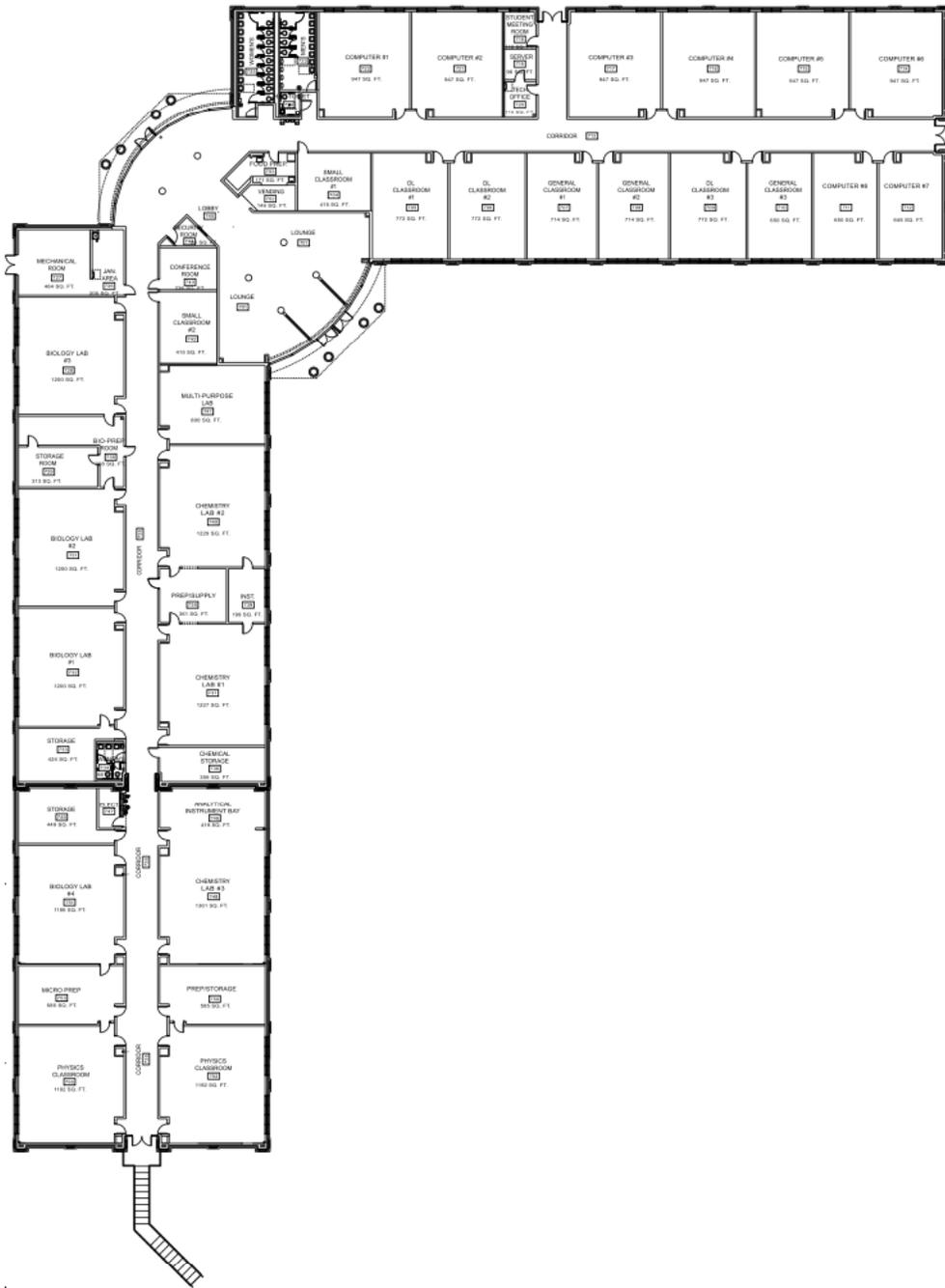
**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building F - Library & Media Center Budget (continued)

GLOUCESTER COUNTY COLLEGE LONG RANGE FACILITY PLAN - PROJECT BUDGET 17-Dec-08							2F		
Site	Project Description	Unit	Unit Cost	2008 Cost Estimate	20% Contingency	SubTotal	Inflation Factor	Proposed Year	Projected Cost
2F	(1996) LEARNING RESOURCE CENTER / BOOKSTORE								8,816 SF (LRC)
LIFE SAFETY, ADA & OTHER CODE RELATED PROJECTS									
FIRE ALARM SYSTEM: Fully Addressable & ADA									
2F1.1	Compliant	14183	\$5.00	\$70,915.00	\$14,183.00	\$85,098.00	1	TBD	\$85,098.00
2F1.2	ROOF ACCESS LADDERS & SAFETY RAILING	1	\$15,000.00	\$15,000.00	\$3,000.00	\$18,000.00	1	TBD	\$18,000.00
	Guardrail/Handrail Modifications (1 stair								
2F1.3	location)	1	\$10,000.00	\$10,000.00	\$2,000.00	\$12,000.00	1	TBD	\$12,000.00
2F1.4	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2F1.5	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2F1.6	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
LIFE SAFETY, ADA & OTHER CODE RELATED LEARNING RESOURCE CENTER / BOOKSTORE PROPOSED PROJECTS SUBTOTAL									\$115,098.00
ENERGY SAVINGS RELATED PROJECTS									
2F2.1	Motion Sensors	15	\$600.00	\$9,000.00	\$1,800.00	\$10,800.00	1	TBD	\$10,800.00
2F2.2	Motion Sensor Type Switches	12	\$300.00	\$3,600.00	\$720.00	\$4,320.00	1	TBD	\$4,320.00
2F2.3	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2F2.4	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2F2.5	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2F2.6	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
ENERGY SAVINGS LEARNING RESOURCE CENTER / BOOKSTORE PROPOSED PROJECTS SUBTOTAL									\$15,120.00
USER REQUIREMENTS, END OF USEFUL LIFE, FINISHES, ETC. RELATED PROJECTS									
2F3.1	ROOF REPLACEMENT	8816	\$25.00	\$220,400.00	\$44,080.00	\$264,480.00	1	TBD	\$264,480.00
2F3.2	New Emergency Generator (shared w/ Library)	0.5	\$150,000.00	\$75,000.00	\$15,000.00	\$90,000.00	1	TBD	\$90,000.00
2F3.3	Gas Piping for Emergency Generator	0.5	\$40,000.00	\$20,000.00	\$4,000.00	\$24,000.00	1	TBD	\$24,000.00
2F3.4	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2F3.5	Telephone/Paging System	8816	\$1.00	\$8,816.00	\$1,763.20	\$10,579.20	1	TBD	\$10,579.20
2F3.6	Replace Heat Recovery Units	2	\$20,000.00	\$40,000.00	\$8,000.00	\$48,000.00	1	TBD	\$48,000.00
USER REQUIREMENTS, END OF USEFUL LIFE, FINISHES, ETC LRC / BOOKSTORE PROPOSED PROJECTS SUBTOTAL									\$437,059.20
LRC / BOOKSTORE PROPOSED PROJECT TOTAL									\$567,277.20

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building G – Scott Hall Center



**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building G – Scott Hall Center

The Scott Hall Center was constructed in 2001. It is a single-story building 42,903 SF with a 9,145 SF Basement storage area under the 2012 Addition. The building is currently being used as a center for science study and technology. The program has expanded with the increased enrollment and interest in STEM (Science Technology Engineering and Mathematics) The 2012 Addition provided four new state-of-the-art science labs with integrated technology and the latest lab furniture.

The Long Range Facility Plan goal has been accomplished by the 2012 Addition.

The 2012 Addition included repairs and maintenance on the existing EPDM Roof System as well as exterior veneer caulking and maintenance. The building envelope is dry and sound.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING**

Building H - Physical Education / Law and Justice Education Center

The Law and Justice Education Center was constructed in 1995. The building is 17,929 SF. The building contains classrooms, weight-training, aerobics and auxiliary gym, a forensic lab and associated administrative spaces. The building is physically connected but fire-separated to the Physical Education Center (gym).

The Long Range Facility Plan goal was to expand the curriculum and program to house more students in additional classroom spaces including new state-of-the-art forensic labs.

The 7,244 SF addition provides three (3) additional state-of-the-art instructional spaces including two forensic labs to enhance the training and skills development for the students. The addition also includes a Storage Room, Vestibule and Memorial Hall

Toilet Rooms and the Faculty Office were included in the renovations of the existing 1-story Law and Justice Center.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building H - Physical Education / Law and Justice Education Center (continued)

Existing HVAC Conditions:

The HVAC systems unit are listed below, consist of small tonnage packaged rooftop units and eight (8) Split System units.

UNIT	MODEL NO.	SERIAL NO.	AGE	LOCATION SERVED
Mc Quay	RD570BG	35C00769-03	1995	Police Academy
Lennox	CHA24-2753	5695AO496	1995	Police Academy
Split System (Typical of 5)	ADO48	Varies	1995	Police Academy
Trane	TCD060	P18104520	1999	Aerobic Training
Trane	TCD048	P1810145510	1999	Weight Room
Trane	TCD090A4	-	1999	Auxiliary Gym
Carrier Split System	38HQ030	-	1999	PE Interior Offices
International Control Comfort	NAC024	E031629865	1995	PE Classroom Areas
Cooling International	AG02421	L9433526-43	1995	PE Health Office
Trane	TCC018F	-	1999	Laundry
Trane	-	-	1995	Auxiliary Gym
Dunham Bush Unit Ventilator	-	-	1995	Classrooms

In addition to the above listed units there are two (2) large newer constant volume rooftop units, Trane Model SFHC040, nominal 40-tons with gas heating, located on the gym roof. There are also eight (8) split system units. The systems all appear relatively new (except for two (2) units serving Police Academy which appears to be original).

There are hot water unit ventilators for Classroom Areas (with split system condensing units listed above) which require tie in to the Trane Control System.

FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)

Building H - Physical Education / Law and Justice Education Center (continued)

The Gym units have supply and return air duct distribution on roof which feed four (4) rows of round spiral exposed duct in the Gymnasium. The rooftop supply air duct is designed so that each unit feeds two (2) rows (alternating) of spiral duct. It is reported that design plans were previously prepared to modify the duct system to reduce the amount of rooftop duct. The return air duct system also consists of rooftop mounted duct. The duct is connected to the horizontal connection of the unit above the roof and is ducted down thru roof at either end of Gym. This duct below the roof is connected to a return plenum with return air grilles. The plenum is located approximately 10' above floor. The Gym still has the four (4) existing systems installed that the rooftop units replaced. In addition, there are the existing wall relief louvers originally used (prior to rooftop) that are still in place.

There are numerous rooftop mounted exhaust fans which are of various ages. These fans appear to provide ventilation for the Locker Rooms and Storage Rooms of the Physical Education Building, as well as toilet exhaust and general classroom area exhaust. The fans for the Locker Rooms are large and most probably are used to exhaust large quantities of air from the Locker Rooms utilizing the air transferred from the Gym.

The exhaust fans serving the Locker Rooms and other areas are older and in some cases, need repair.

It is reported that there is significant duct leakage for rooftop duct which causes rainwater to get into duct and causing soaking of the insulation and water to enter building (dripping on gym floor).

The existing heating pumps (two sets); one for police academy and one for physical education. The pumps for the Police Academy are relatively new. The pumps for the PE Building are old and should be replaced. Replacement should be for lead lag operation and also for variable speed drive. The use of the variable speed drive will result in energy savings and will require that any 3-way control mixing valves in the system be replaced with 2-way control valves.

Add CO2 sensors to the air conditioning units, unit ventilators and split system units. This will allow for reduction of energy used for tempering outside air in summer and winter when spaces are not fully occupied in the occupied cycle.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building H - Physical Education / Law and Justice Education Center (continued)

Future Upgrades

The locker room areas are not presently air conditioned. The use of the air conditioned air from the Gym being used to condition these areas by sucking in air from the Gym has the advantage of cooling the lockers, however, the disadvantage lies in the energy required to condition the outside air. A possible scenario would be to provide a separate air conditioning system for these areas.

The old existing abandoned units located in the Gym should be removed.

Physical Education Building Existing Electrical Conditions:

Electric Service

The main switchgear consists of an outdoor pad mounted transformer, outdoor 800 amp main breaker, indoor 800 amp 277/480 volt main distribution panel, indoor step down transformer and a 120/208V distribution panelboard. This switchgear is located in the electric room adjacent to the existing boiler room.

Older branch panels are present in the gym building. These are fed from a distribution panel in the main boiler room. These panels date from the original construction and are at the limit of their useful life.

There is a 15 KV switch that serves the campus underground electric service. It is located underground outside of the boiler plant. Although functional, an allowance of \$2Million should be allocated for its future eventual replacement. The campus underground electric service dates from 1968. With the exception of the main 15 KV switch exterior to the Boiler Plant, the underground Campus high voltage electric service has not been evaluated in detail as part of this report. This consists of all of the underground 15 KV lines, manholes and transformers for other buildings not addressed in this report.

Emergency Power

Emergency circuits are fed from the existing from an emergency generator located in the main boiler room.

Fire Alarm System

The fire alarm panel in the Police Academy serves the gym. Devices throughout are functional but approaching the limit of useful life.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building H - Physical Education / Law and Justice Education Center (continued)

Lighting

Metal halide high bay type fixtures serve the gymnasium. These are supplemented with 300 watt incandescent fixtures, which are connected to the existing emergency power system.

Some locker room lighting fixtures have been replaced. The remainder of the lights in the shower rooms and storage room are old incandescent lights and should be replaced.

It is recommended that motion sensor switches be installed in ancillary rooms for energy conservation reasons.

Exterior lighting is adequate.

Branch Wiring

The receptacles, switches and other electrical devices throughout the building date from the original construction which is 40 years old. Replacement in the next 5 to 10 years should be considered.

Sound System

An allowance is provided for a separate sound system in the gymnasium.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building H - Physical Education / Law and Justice Education Center (continued)

Recommended Upgrades

Immediate

- New fire alarm system
- New lighting throughout
- Gym sound system
- Motion detectors – lighting control

5 to 10 Year Upgrades

- Indoor Building Switchgear replacement (800 amp outdoor breaker may remain)
- Transformer Replacement
- Rewire remainder of the entire building
- Underground Campus High Voltage Electric Service and 15 KV Switch

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building H - Physical Education / Law and Justice Education Center (continued)

Police Academy Building Existing Electrical Conditions:

Electric Service

The capacity of the existing electric service is 300 amps at 277/480V three phase four wire. All of the panels date from 1994 and are in good shape.

Emergency Power

No emergency power via an emergency generator is present. Emergency lighting is provided by battery type units which last 7 to 10 years. An emergency generator should be considered.

Fire Alarm System

The fire alarm dates from 1994 and is in good condition. For consistency and maintenance, an allowance should be included to upgrade this system as part of a total gym/Police Academy package.

Lighting

Interior and exterior lighting is in good shape. For energy conservation reasons, the metal halide lighting in the weight training and auxiliary gym should be replaced with fluorescent lights.

It is recommended that motion sensor switches be installed in small offices and motion detectors installed in classrooms.

Branch Wiring

The receptacles, switches and other electrical devices throughout the building date from 1994 and are in good shape.

Paging System

Costs should be allocated for a combination telephone/paging system.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building H - Physical Education / Law and Justice Education Center (continued)

Recommended Upgrades

Immediate

- Motion detectors-lighting control
- Fire alarm system

5 to 10 Year Upgrades

- New lighting in the weight training and auxiliary gym
- Telephone/Paging system
- New emergency generator

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building H - Physical Education / Law and Justice Education Center Budget

GLOUCESTER COUNTY COLLEGE LONG RANGE FACILITY PLAN - PROJECT BUDGET 17-Dec-08										H
Site	Project Description	Unit	Unit Cost	2008 Cost Estimate	20% Contingency	SubTotal	Inflation Factor	Proposed Year	Projected Cost	
(1968) PHYSICAL EDUCATION CENTER & BOILER PLANT										26,839 SF (PE) 3,227 SF (BOILER) 30,066 SF (TOTAL)
LIFE SAFETY, ADA & OTHER CODE RELATED PROJECTS										
H1.1	FIRE SPRINKLER SYSTEM	30066	\$5.00	\$150,330.00	\$30,066.00	\$180,396.00	1	TBD	\$180,396.00	
FIRE ALARM SYSTEM: Fully Addressable & ADA										
H1.2	Compliant	30066	\$5.00	\$150,330.00	\$30,066.00	\$180,396.00	1	TBD	\$180,396.00	
CEILING REPLACEMENT: Existing Suspended Acoustical Tile Offices, Corridors, Etc.										
H1.3	Acoustical Tile Offices, Corridors, Etc.	6600	\$4.00	\$26,400.00	\$5,280.00	\$31,680.00	1	TBD	\$31,680.00	
LIGHTING REPLACEMENT: Offices & Corridors (High Efficiency)										
H1.4	High Efficiency	6600	\$5.00	\$33,000.00	\$6,600.00	\$39,600.00	1	TBD	\$39,600.00	
ROOF ACCESS LADDERS & SAFETY RAILING										
H1.5	Roof Access Ladders & Safety Railing	1	\$25,000.00	\$25,000.00	\$5,000.00	\$30,000.00	1	TBD	\$30,000.00	
INTERIOR DOOR & HARDWARE										
H1.6	Replacement	53	\$1,600.00	\$84,800.00	\$16,960.00	\$101,760.00	1	TBD	\$101,760.00	
Modify Some Door Openings to address ADA access issues										
H1.7	ADA Toilet Room Renovations (Complete Demolition & Reconstruction of Toilet Rooms & Locker Rooms)	5900	\$3,000.00	\$1,770,000.00	\$354,000.00	\$2,124,000.00	1	TBD	\$2,124,000.00	
H1.8	Locker Rooms	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
H1.9	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
H1.10	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
H1.11	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
H1.12	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
LIFE SAFETY, ADA & OTHER CODE RELATED PHYSICAL EDUCATION & BOILER PLANT PROPOSED PROJECTS SUBTOTAL										\$2,695,032.00
ENERGY SAVINGS RELATED PROJECTS										
H2.1	Window Replacement	108	\$55.00	\$5,940.00	\$1,188.00	\$7,128.00	1	TBD	\$7,128.00	
H2.2	Exterior Storefront Replacement	1012	\$60.00	\$60,720.00	\$12,144.00	\$72,864.00	1	TBD	\$72,864.00	
H2.3	Exterior Door Replacement	22	\$6,500.00	\$143,000.00	\$28,600.00	\$171,600.00	1	TBD	\$171,600.00	
AUTOMATIC OPERATORS										
H2.4	Replace Existing Heating Pumps with New High Efficiency Pump Motors	4	\$3,500.00	\$14,000.00	\$2,800.00	\$16,800.00	1	TBD	\$16,800.00	
H2.5	Provide VFD Drives on Heating Pumps to Reduce Energy Use & Cost	2	\$15,000.00	\$30,000.00	\$6,000.00	\$36,000.00	1	TBD	\$36,000.00	
H2.6	Provide CO2 Demand Control Ventilation to Reduce Energy Use & Cost	4	\$2,500.00	\$10,000.00	\$2,000.00	\$12,000.00	1	TBD	\$12,000.00	
H2.7	Provide Control Connection of Existing Exhaust to the Trane Summit DDC	18	\$5,000.00	\$90,000.00	\$18,000.00	\$108,000.00	1	TBD	\$108,000.00	
H2.8	Lighting Replacement: Gym (High Efficiency Fluorescent)	24	\$2,500.00	\$60,000.00	\$12,000.00	\$72,000.00	1	TBD	\$72,000.00	
H2.9	New Lighting Panels: Gym	60	\$1,200.00	\$72,000.00	\$14,400.00	\$86,400.00	1	TBD	\$86,400.00	
H2.10	Motion Sensors: Perimeter Rooms	2	\$12,000.00	\$24,000.00	\$4,800.00	\$28,800.00	1	TBD	\$28,800.00	
H2.11	Motion Sensor Type Switches	25	\$400.00	\$10,000.00	\$2,000.00	\$12,000.00	1	TBD	\$12,000.00	
H2.12	Replace Summer Boilers with New High Efficiency Aero Boilers	20	\$125.00	\$2,500.00	\$500.00	\$3,000.00	1	TBD	\$3,000.00	
H2.13	Boiler Plant: Provide Primary/Secondary Pumping - Modifications	2	\$100,000.00	\$200,000.00	\$40,000.00	\$240,000.00	1	TBD	\$240,000.00	
H2.14	Boiler Plant: Provide new variable speed motors on boilers	2	\$10,000.00	\$20,000.00	\$4,000.00	\$24,000.00	1	TBD	\$24,000.00	
H2.15	Boiler Plant: Motor connections & wiring	2	\$8,000.00	\$16,000.00	\$3,200.00	\$19,200.00	1	TBD	\$19,200.00	
H2.16	Allowance: Motor connections & wiring	1	\$50,000.00	\$50,000.00	\$10,000.00	\$60,000.00	1	TBD	\$60,000.00	
ENERGY SAVINGS PHYSICAL EDUCATION & BOILER PLANT PROPOSED PROJECTS SUBTOTAL										\$909,792.00

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building H - Physical Education / Law and Justice Education Center Budget (continued)

USER REQUIREMENTS, END OF USEFUL LIFE, FINISHES, ETC. RELATED PROJECTS										
H3.1	ROOF REPLACEMENT: PE Bldg. & Boiler Plant	30066	\$25.00	\$751,650.00	\$150,330.00	\$901,980.00	1	TBD	\$901,980.00	
H3.2	ROOFTOP DUCT REDESIGN	1	\$125,000.00	\$125,000.00	\$25,000.00	\$150,000.00	1	TBD	\$150,000.00	
H3.3	Remove Abandoned HVAC Equipment: Gym	4	\$7,000.00	\$28,000.00	\$5,600.00	\$33,600.00	1	TBD	\$33,600.00	
H3.4	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
H3.5	Replace Mixing Valves: Locker Room Showers	2	\$10,000.00	\$20,000.00	\$4,000.00	\$24,000.00	1	TBD	\$24,000.00	
H3.6	Provide Separate Air Conditioning System for each Locker Room	2	\$40,000.00	\$80,000.00	\$16,000.00	\$96,000.00	1	TBD	\$96,000.00	
H3.7	New Branch Panels	1	\$50,000.00	\$50,000.00	\$10,000.00	\$60,000.00	1	TBD	\$60,000.00	
H3.8	Rewire Building (Non-Lighting)	30066	\$6.00	\$180,396.00	\$36,079.20	\$216,475.20	1	TBD	\$216,475.20	
H3.9	New Main Switch Gear	1	\$75,000.00	\$75,000.00	\$15,000.00	\$90,000.00	1	TBD	\$90,000.00	
H3.10	New Exterior Transformer	1	\$75,000.00	\$75,000.00	\$15,000.00	\$90,000.00	1	TBD	\$90,000.00	
H3.11	New Sound System	1	\$40,000.00	\$40,000.00	\$8,000.00	\$48,000.00	1	TBD	\$48,000.00	
H3.12	Main Campus High Voltage 15 KV Switch	1	\$40,000.00	\$40,000.00	\$8,000.00	\$48,000.00	1	TBD	\$48,000.00	
H3.13	BOILER PLANT: Replace Valve Pit with Above Ground Shed with New Valves & Piping	1	\$175,000.00	\$175,000.00	\$35,000.00	\$210,000.00	1	TBD	\$210,000.00	
H3.14	BOILER PLANT: Replace U/G Piping (Linear Feet Estimated)	2000	\$200.00	\$400,000.00	\$80,000.00	\$480,000.00	1	TBD	\$480,000.00	
H3.15	FINISHES: Painting Throughout & New Identification Signage)	26839	\$2.00	\$53,678.00	\$10,735.60	\$64,413.60	1	TBD	\$64,413.60	
H3.16	FINISHES: Limited Floor Finish Replacement (Gym Wood, Corridor Quarry Tile to Remain - Toilets/Locker Under Separate Line Item)	3170	\$10.00	\$31,700.00	\$6,340.00	\$38,040.00	1	TBD	\$38,040.00	
H3.17	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00	
USER REQUIREMENTS, END OF USEFUL LIFE, FINISHES, ETC. PHYSICAL EDUCATION & BOILER PLANT PROPOSED PROJECTS SUBTOTAL									\$2,550,508.80	
PHYSICAL EDUCATION & BOILER PLANT PROPOSED PROJECT TOTAL										\$6,155,332.80

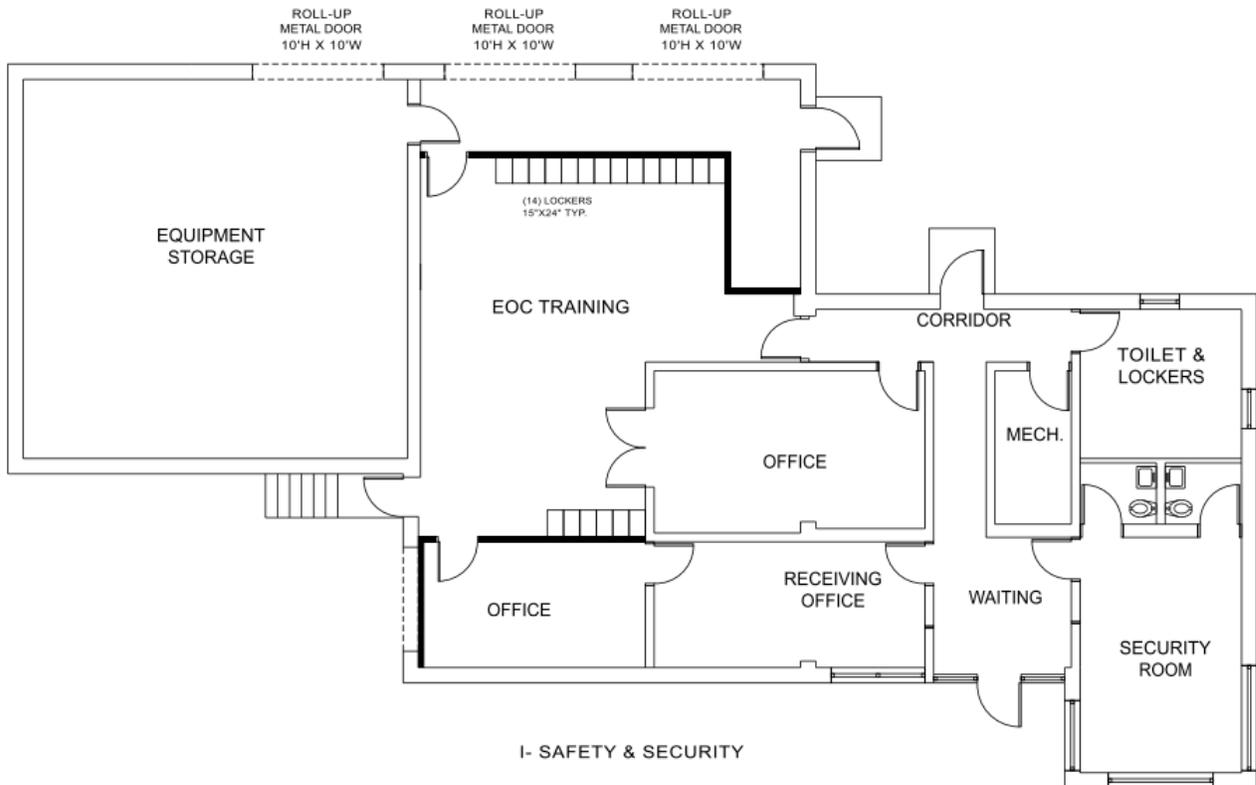
**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building H - Physical Education / Law and Justice Education Center Budget (continued)

GLOUCESTER COUNTY COLLEGE LONG RANGE FACILITY PLAN - PROJECT BUDGET 17-Dec-08								2H	
Site	Project Description	Unit	Unit Cost	2008 Cost Estimate	20% Contingency	SubTotal	Inflation Factor	Proposed Year	Projected Cost
2H	(1995) POLICE ACADEMY / TRAINING BUILDING								17,929 SF
LIFE SAFETY, ADA & OTHER CODE RELATED PROJECTS									
2H1.1	ROOF ACCESS LADDERS & SAFETY RAILING	1	\$15,000.00	\$15,000.00	\$3,000.00	\$18,000.00	1	TBD	\$18,000.00
FIRE ALARM SYSTEM: Fully Addressable & ADA									
2H1.2	Compliant	17929	\$5.00	\$89,645.00	\$17,929.00	\$107,574.00	1	TBD	\$107,574.00
2H1.3	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2H1.4	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2H1.5	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2H1.6	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
LIFE SAFETY, ADA & OTHER CODE RELATED POLICE ACADEMY/TRAINING BUILDING PROPOSED PROJECTS SUBTOTAL									\$125,574.00
ENERGY SAVINGS RELATED PROJECTS									
LIGHTING REPLACEMENT: Weight Training									
2H2.1	Room (High Efficiency Fluorescent)	36	\$1,200.00	\$43,200.00	\$8,640.00	\$51,840.00	1	TBD	\$51,840.00
2H2.2	Motion Sensors: Classrooms	20	\$600.00	\$12,000.00	\$2,400.00	\$14,400.00	1	TBD	\$14,400.00
2H2.3	Motion Sensor Type Switches	12	\$300.00	\$3,600.00	\$720.00	\$4,320.00	1	TBD	\$4,320.00
2H2.4	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2H2.5	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2H2.6	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
ENERGY SAVINGS POLICE ACADEMY/TRAINING BUILDING PROPOSED PROJECTS SUBTOTAL									\$70,560.00
USER REQUIREMENTS, END OF USEFUL LIFE, FINISHES, ETC. RELATED PROJECTS									
2H3.1	ROOF REPLACEMENT	17929	\$22.00	\$394,438.00	\$78,887.60	\$473,325.60	1	TBD	\$473,325.60
2H3.2	Replace Existing RTU	2	\$20,000.00	\$40,000.00	\$8,000.00	\$48,000.00	1	TBD	\$48,000.00
2H3.3	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2H3.4	Telephone/Paging System	17929	\$1.00	\$17,929.00	\$3,585.80	\$21,514.80	1	TBD	\$21,514.80
2H3.5	New Emergency Generator	1	\$100,000.00	\$100,000.00	\$20,000.00	\$120,000.00	1	TBD	\$120,000.00
2H3.6	Gas Piping for Emergency Generator	1	\$40,000.00	\$40,000.00	\$8,000.00	\$48,000.00	1	TBD	\$48,000.00
2H3.7	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2H3.8	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
2H3.9	TBD	0	\$0.00	\$0.00	\$0.00	\$0.00	1	TBD	\$0.00
USER REQUIREMENTS, END OF USEFUL LIFE, FINISHES, ETC POLICE ACADEMY/TRAINING BUILDING PROPOSED PROJECTS SUBTOTAL									\$710,840.40
POLICE ACADEMY/TRAINING BUILDING PROPOSED PROJECT TOTAL									\$906,974.40

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building I – Safety & Security



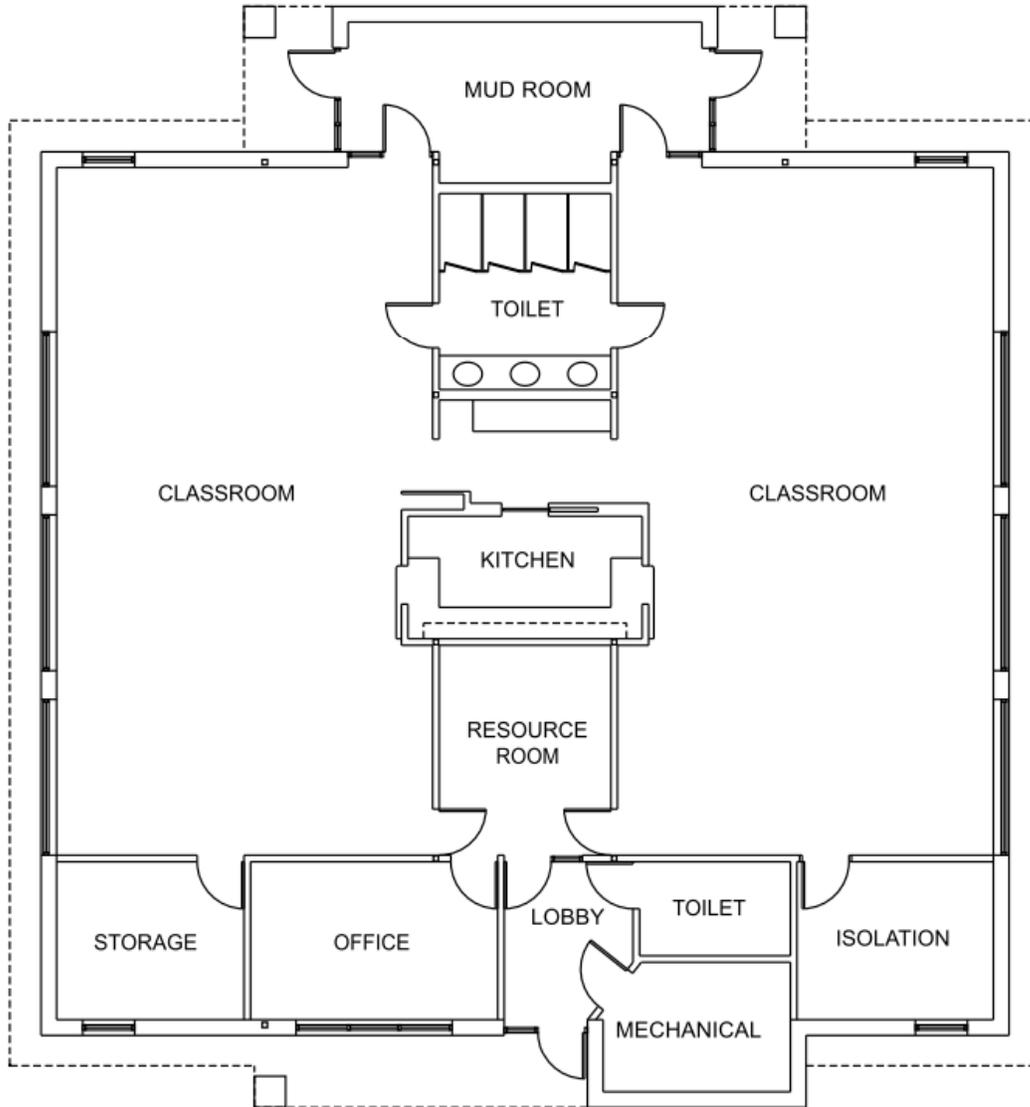
**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building I – Safety & Security

The Safety & Security building was constructed in 1985. The building is a single-story structure of 3,568 SF. The is currently being used for security office, storage, receiving, and the EOC Training Program. The building has been renovated several times to accommodate various programs and uses.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building J – Early Childhood Center



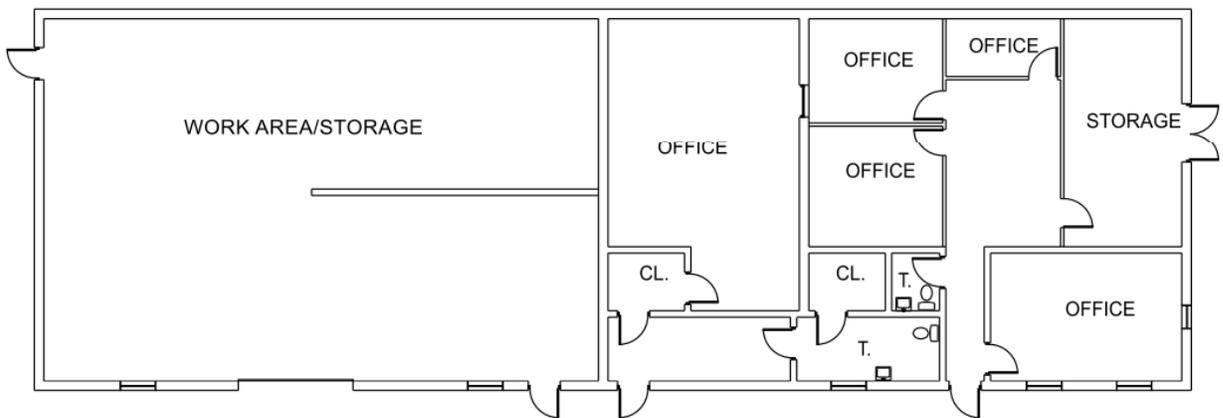
**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building J – Early Childhood Center

The Early Childhood Center was constructed in 1994. The building is a single-story structure of 4,794 SF. The is currently being used for child care and pre-school programs.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building K – Facilities Office Center



FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)

Building K – Facilities Office Center - continued

2012 Facility Assessment

EXTERIOR: SITE PAVING GRADING AT MAIN ENTRANCE (IMMEDIATE-1 YR): Existing grading and paving at the main entrances are sloped toward the building directing drainage into the building. Recommend re-grading and paving replacement to achieve positive drainage.

EXTERIOR: MASONRY WALL SURFACES (LONG TERM-10 YR): Brick and CMU block areas are stained from moisture and mold accumulation at numerous locations. Recommend cleaning and sealing all masonry/stucco surfaces. Clean roofing tar off brick at Southwest corner.

EXTERIOR: ROOF ASSEMBLY – ORIGINAL BUILDING & 1980’s ADDITION (IMMEDIATE-1 YR): Existing Hypalon or coated EPDM roof membrane assembly is past its useful lifespan. Recommend complete roof system replacement with new 20 year Modified Bitumen 3ply roof system including new rigid insulation and metal edge terminations.

EXTERIOR: WALL PENETRATIONS – ORIGINAL BUILDING (IMMEDIATE-1 YR): Numerous open penetrations exist in the rear exterior wall where piping/conduit has been removed. All voids are to be patched and sealed to match existing adjacent materials.

EXTERIOR: CONTROL JOINTS – ORIGINAL BUILDING & 1980’s ADDITION (IMMEDIATE-1 YR): Existing control joint sealant is failing. Recommend new sealant at all control joints in brick and CMU surfaces.

EXTERIOR: WINDOWS – ORIGINAL BUILDING & 1980’s ADDITION (IMMEDIATE-1 YR): Existing aluminum frame dual glazed window units are past their useful lifespan and in need of replacement. Recommend complete window replacement with new energy efficient aluminum windows and insulated Low E glazing. Recommend scraping and painting existing rusted steel lintels as part of window replacement.

EXTERIOR: DOORS (SHORT TERM-5 YR): Existing steel doors and frames are starting to deteriorate from moisture exposure where paint coating has worn thin. Recommend complete Door replacement with new aluminum frames and FRP doors. Recommend scraping and painting existing rusted steel lintels as part of door replacement.

EXTERIOR: GARAGE DOOR (SHORT TERM-5 YR): Existing garage door and frame assembly is worn out and past its useful lifespan. Recommend complete garage door and frame replacement with new insulated garage door and steel frame assembly. Recommend scraping and painting exposed portions of existing steel lintels as part of door replacement. Existing door motor is newer and could be reused if compatible with new door assembly.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building K – Facilities Office Center - continued

2012 Facility Assessment - continued

INTERIOR: SUSPENDED CEILING ASSEMBLIES – ORIGINAL BUILDING & 1980’s ADDITION (IMMEDIATE-1 YR): Existing ceiling assemblies are antiquated and past their useful lifespan. Recommend complete ceiling system replacement with new 2x4 suspended ceiling systems in all rooms except storage rooms.

INTERIOR: FLOORING – ORIGINAL BUILDING (IMMEDIATE-1 YR): Existing VCT & Carpet flooring is original to the building and past its useful lifespan. Recommend replacing all VCT and Carpet flooring in the Original Building.

INTERIOR: WALL PAINT – ORIGINAL BUILDING & 1980’s ADDITION (IMMEDIATE-1 YR): Existing Paint coatings are original to the building and past their useful lifespan. Recommend new paint coatings at all wall surfaces.

EQUIPMENT: ENGINE LIFT (IMMEDIATE-1 YR): Per Owner request, a new lift system for tractor repair is needed in the Storage/Work Area.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building L - Continuing Education Center

FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)

Building L - Continuing Education Center

2012 Facility Assessment

EXTERIOR: DOORS (SHORT TERM-5 YR): Existing steel doors and frames are starting to deteriorate from moisture exposure where paint coating has worn thin. Recommend complete Door replacement with new aluminum frames and FRP doors. Recommend scraping and painting existing rusted steel lintels as part of door replacement.

EXTERIOR: DOORS @ MAIN ENTRANCE (SHORT TERM-5 YR): Existing wood doors and frames are worn out and starting to deteriorate from use and moisture exposure. Recommend complete Door replacement with new aluminum frame storefront and Aluminum entrance doors. Recommend scraping and painting existing rusted steel lintels as part of door replacement.

EXTERIOR: ENTRANCE SOFFIT (IMMEDIATE-1 YR): Existing GWB soffit board at the main entrance is separated at board joints throughout and deflected at one location due to excess moisture from an adjacent roof leak. Recommend repairing the shingle roof to eliminate the leak, repair/replace damaged section of soffit board & cut in new control joints along board separations.

EXTERIOR: ROOF EAVES (IMMEDIATE-1 YR): Existing vented soffit and gutter system is damaged in numerous locations around the building. Recommend replacing all soffits & gutter systems with new aluminum assemblies.

EXTERIOR: ROOF ASSEMBLY VENTILATION (IMMEDIATE-1 YR): Existing shingle roof assemblies include ridge vents but do not include power vents. Recommend adding power vents at each draftstop area to increase ventilation of attic area.

EXTERIOR: ROOF CUPOLA (SHORT TERM-5 YR): Existing paint finish at the wood cupola assembly is deteriorating and past its useful lifespan. Recommend replacing any deteriorated wood components and clean, scrape and paint entire cupola with new exterior grade paint coating.

EXTERIOR: WINDOWS (IMMEDIATE-1 YR): Existing aluminum windows with dual glazing are in good shape except for deteriorated exterior sealant. Recommend providing new continuous perimeter sealant at all windows.

EXTERIOR SITE: MASONRY TRASH ENCLOSURE WALL (SHORT TERM-5 YR): Existing masonry trash enclosure walls are deteriorated due to excess moisture within the wall. Recommend cleaning and repointing the brick & CMU veneer and providing new aluminum coping at the top of wall to prevent infiltration through existing top brick rowlock coping.

INTERIOR: ATTIC DRAFTSTOPPING (IMMEDIATE-1 YR): Existing access hatches into attic area and between draftstop walls have no doors to maintain separation as required by current building code. Recommend providing new hatch doors at existing openings to comply with code requirements.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building L - Continuing Education Center

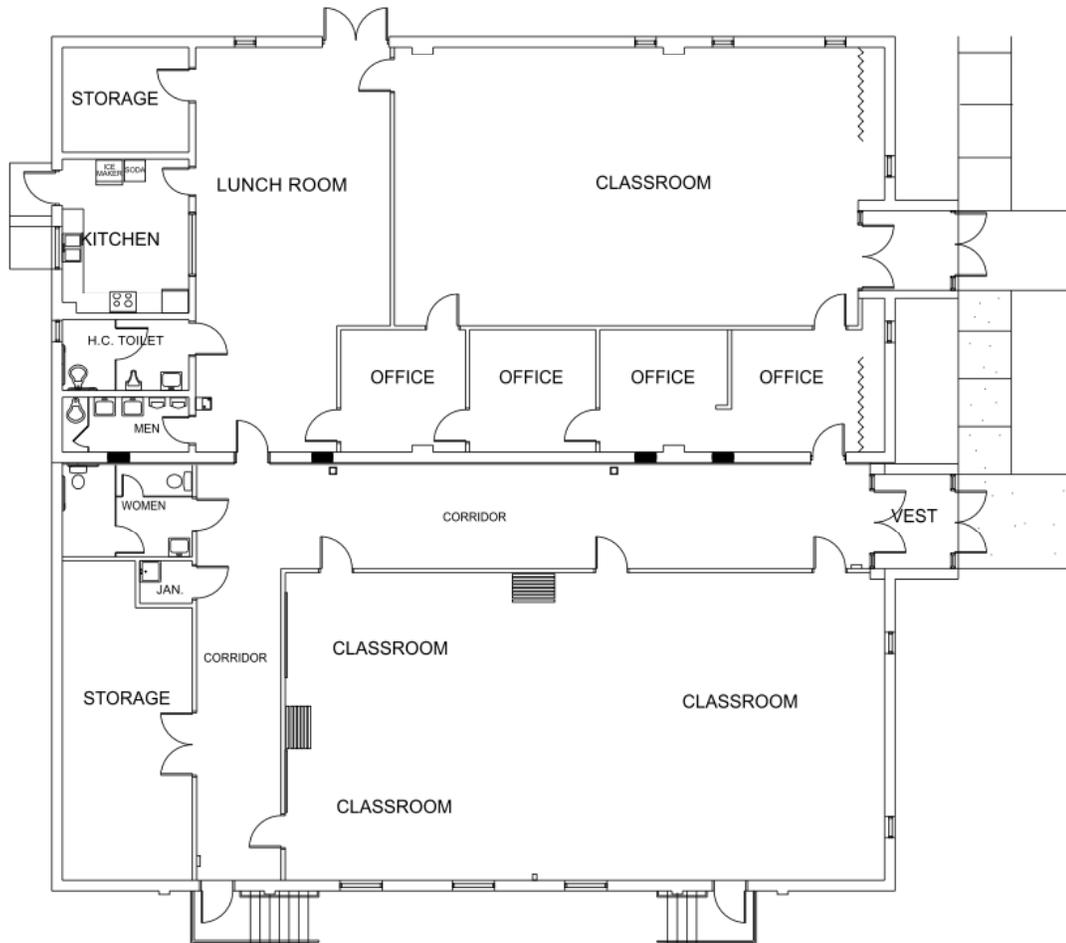
2012 Facility Assessment - continued

INTERIOR: ATTIC ACCESS LADDERS (IMMEDIATE-1 YR): Existing access ladders stop short of the deck level and do not provide safe access to the attic area. Recommend replacing 3 access ladders with new wall ladders in conformance with OSHA requirements.

INTERIOR: CONDENSATE DRAIN OVER ELECT PANEL (IMMEDIATE-1 YR): Existing indirect condensate drain fixture is located above an electrical panel in workroom 104. Recommend relocating condensate drain or installing splash/deflection pan over electrical panel.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building N – GCFA (Fire Academy) (off campus)



FIRST FLOOR PLAN 6,550 S.F.

FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)

Building N – GCFA (Fire Academy) (off campus)

2012 Facility Assessment

EXTERIOR: SIDEWALK PAVING (IMMEDIATE-1 YR): Existing egress sidewalk at the exterior exit door near Storage room 108 (Northwest corner) has been undermined by an adjacent roof drain and has settled below the finish floor level. Settlement exceeds allowable tolerances for accessibility. If not corrected, the continued water runoff will cause the sidewalk paving to break where the soil has washed out. Significant erosion is already evident. Recommend corrective measures including redirecting the roof drain, restoring the soil substrate and pouring a new sidewalk slab.

EXTERIOR: EXIT STAIRS (IMMEDIATE-1 YR): Existing concrete steps at the Kitchen are deteriorating and do not conform to current code requirements due to lack of handrails and excessive step heights. Recommend replacing concrete steps & foundation with new step/railing assembly to meet code requirements. Redirect condensate drain away from new concrete stair assembly.

EXTERIOR: SIDEWALK PAVING (SHORT TERM-5 YR): Existing egress sidewalk along the Northwest elevation has significant moisture staining and erosion due to adjacent roof drains. The paving surface is becoming increasingly uneven as erosion continues. Constant moisture is contributing to mold accumulation on the paving and base of building wall. Recommend corrective measures including redirecting the roof drains and cleaning/refinishing the base of wall and paving surfaces. Corrective action will also eliminate injury risk due to drain water freezing on path of egress paving.

EXTERIOR: SIDEWALK PAVING & SITE GRADING (IMMEDIATE-1 YR): Existing grading and sidewalk at the main entrances are sloped toward the building directing drainage into the building. Recommend re-grading earthwork and new sidewalk replacement to achieve positive drainage.

EXTERIOR: ALUMINUM ENTRANCE DOORS/FRAMES – ORIGINAL & 1997 ADDITION (IMMEDIATE-1 YR): Existing aluminum entrance door assemblies with dual glazing are in good shape except for deteriorated exterior sealant. Recommend providing new gaskets at glass panels and new sealant at the perimeter of the assembly.

EXTERIOR: WINDOWS – ORIGINAL BUILDING (IMMEDIATE-1 YR): Existing aluminum frame single pane window units are past their useful lifespan and in need of replacement. Recommend complete window replacement with new energy efficient aluminum windows and insulated Low E glazing. Recommend scraping and painting existing rusted steel lintels as part of window replacement.

EXTERIOR: WINDOWS – 1997 ADDITION (IMMEDIATE-1 YR): Existing aluminum windows with dual glazing are in good shape except for failing sash balances, several damaged screens and deteriorated exterior sealant. Recommend repairing sash balances, replacing screens and providing new sealant at all windows in the 97 Addition.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building N – GCFA (Fire Academy) (off campus)

2012 Facility Assessment - continued

EXTERIOR: GENERATOR (IMMEDIATE-1 YR): Existing generator is consistently failing during regular maintenance tests due to age. However, the equipment being served by the generator is scheduled to be relocated to another facility within the next year. Once relocated, the need for a generator at this site is removed. Recommend removing the existing generator and concrete pad in its entirety. Existing life safety systems should be upgraded as part of proposed electrical upgrades.

EXTERIOR: DOORS – ORIGINAL BUILDING & 1997 ADDITION (SHORT TERM-5 YR): Existing steel doors and frames are starting to deteriorate from moisture exposure. Recommend complete Door replacement with new aluminum frames and FRP doors. Recommend scraping and painting existing rusted steel lintels as part of door replacement.

EXTERIOR: DOOR INTO LUNCH ROOM (SHORT TERM-5 YR): Existing Door does not meet current Building code due to the closer extending below the minimum 78” clearance and the 9” step exceeding allowable 7”. Recommend increasing the rough opening height for larger doors and adding a step to halve the existing 9” vertical step rise.

EXTERIOR: STUCCO ACCENT PANELS (LONG TERM-10 YR): Raised stucco panels are surface mounted to smooth CMU blocks within a field of splitface CMU blocks. No sealant is provided at the sides or bottom of the panels while sealant is installed at the top. Significant gaps exist around the perimeter allowing moisture to collect behind the panels. Excess moisture behind the panels can lead to freeze/thaw failure of the panels as well as mold accumulation. Recommend removing existing sealant at top of panels and provide new sealant at full perimeter.

EXTERIOR: MASONRY WALL SURFACES (LONG TERM-10 YR): Raised stucco panels and CMU block areas are stained from moisture and mold accumulation at numerous locations. Recommend cleaning and sealing all masonry/stucco surfaces.

EXTERIOR: ROOF ASSEMBLY – ORIGINAL BUILDING (IMMEDIATE-1 YR): Existing Built-up roof membrane assembly is dated to the 1980’s and past its useful lifespan. Recommend complete roof system replacement with new 20 year Modified Bitumen 3ply roof system including new rigid insulation and metal edge terminations.

EXTERIOR: ROOF ASSEMBLY – 1997 ADDITION (IMMEDIATE-1 YR): Existing EPDM roof membrane assembly is original to the Addition and past its useful lifespan. Recommend complete roof system replacement with new 20 year Modified Bitumen 3ply roof system including new rigid insulation and metal edge terminations.

EXTERIOR: SITE LIGHTING (IMMEDIATE-1 YR): Existing site lighting is inadequate at parking lots, walkway areas and Fire Training area. Recommend upgrading/replacing all site lighting.

FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)

Building N – GCFA (Fire Academy) (off campus)

2012 Facility Assessment - continued

EXTERIOR SITE: PARKING FACILITIES (IMMEDIATE-1 YR): Existing parking spaces are inadequate for building occupancy. Recommend revising site layout to provide additional parking to accommodate full building occupancy.

EXTERIOR SITE: MOTORIZED GATE (IMMEDIATE-1 YR): Existing motorized gate is not operational and missing motor and chain. Recommend replacing motor assembly including structural upgrades to existing gate for stability.

EXTERIOR SITE: SIGNAGE (LONG TERM-10 YR): Existing post mounted signage is deteriorated. Recommend replacement with new post mounted signage.

EXTERIOR SITE: PREFAB FIRE TRAINING STRUCTURE (IMMEDIATE-1 YR): Existing Fire Training structure is operating at 50% and past its functional lifespan. The manufacturer is out of business and replacement parts are not available. Recommend replacement with new Prefabricated Fire Training Structure to accommodate the program's training requirements.

EXTERIOR SITE: MASONRY WALL AT ENTRY ROAD (SHORT TERM-5 YR): Existing masonry site walls are deteriorated due to excess moisture within the wall. Recommend cleaning and repointing the brick veneer and replacing the cast stone coping elements.

INTERIOR: SUSPENDED CEILING ASSEMBLIES – ORIGINAL BUILDING (IMMEDIATE-1 YR): Existing ceiling assemblies are antiquated and past their useful lifespan. Recommend complete ceiling system replacement with new 2x4 suspended ceiling systems including High NRC ceiling tiles for use in educational spaces.

INTERIOR: MAINTENANCE CLOSET (IMMEDIATE-1 YR): Existing GWB wall surfaces are damaged around mop sink. Recommend repair/replace damaged GWB surfaces and recoat walls within 8' of mop sink with water resistant epoxy coating. Door closer is damaged and should be replaced.

INTERIOR: MENS TOILET ROOM (IMMEDIATE-1 YR): Existing urinal behind the entry door is not usable due to the door swing. One existing sink is loose and needs to be tightened or re-mounted. Reconfigure toilet room.

INTERIOR: H.C. TOILET ROOM (IMMEDIATE-1 YR): Existing ADA sink exceeds accessibility requirements for sink height by 1". To comply with accessibility requirements, Recommend lowering the sink to 34" AFF to the sink rim.

INTERIOR: OFFICE LAYOUT (LONG TERM-10 YR): Per Owner request, one office in the original building should be renovated to extend the room 5'-0" into the adjacent office area and add a window in the enlarged office providing visibility into the adjacent classroom.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building N – GCFA (Fire Academy) (off campus)

2012 Facility Assessment - continued

INTERIOR: DOORS (SHORT TERM-5 YR): Existing fire rated wood doors separating the original building and corridor doors in the new addition are damaged at the hinges due to over-tightening of the hinge fasteners. Over time the doors will loosen and separate from the hinges. Recommend replacing both wood doors with new fire rated, solid core wood doors including vertical vision panels.

INTERIOR: DOOR HARDWARE – ORIGINAL BUILDING (SHORT TERM-5 YR): Some of the existing door hardware is not ADA compliant and still uses knob handles instead of ADA levers. Recommend replacing all knob hardware with lever locksets.

INTERIOR: FLOORING – ORIGINAL BUILDING (SHORT TERM-5 YR): Existing VCT & Carpet flooring is original to the building and past its useful lifespan. Recommend replacing all VCT & Carpet flooring.

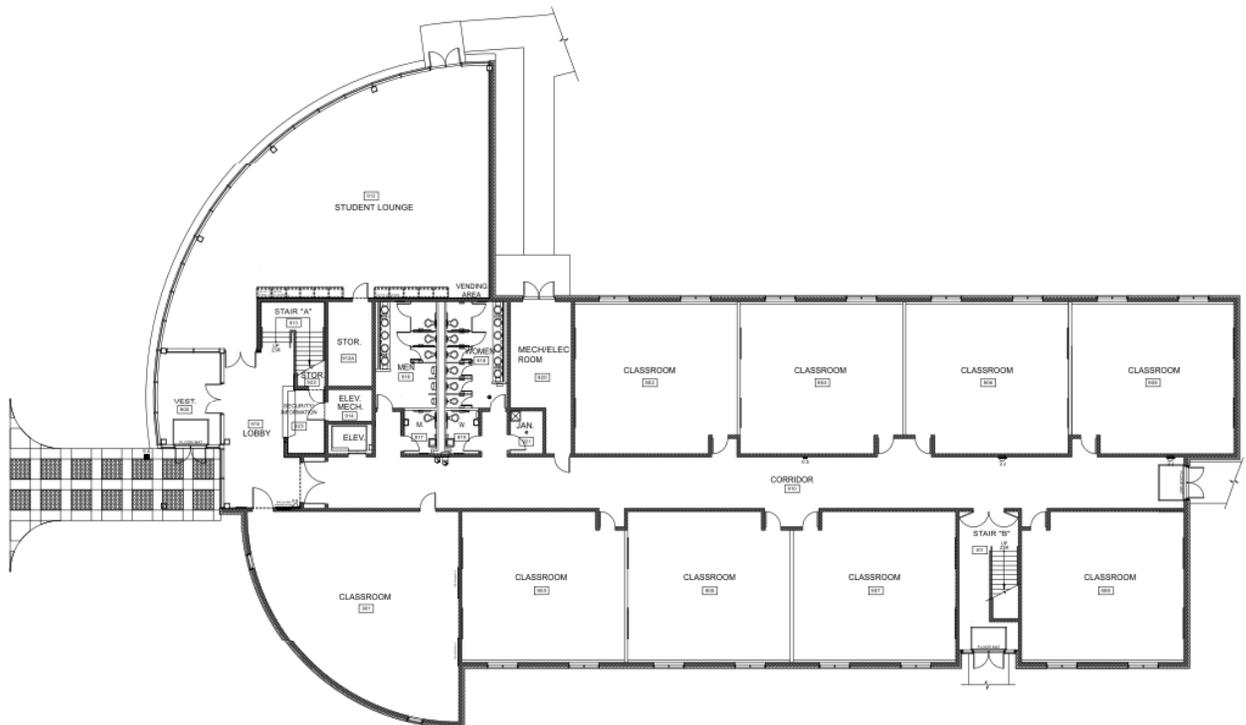
INTERIOR: OPERABLE PARTITIONS – 1997 ADDITION (SHORT TERM-5 YR): Existing folding partitions in classroom area are failing and past their useful lifespan. Recommend replacing all folding partition assemblies in their entirety.

INTERIOR: WALL PAINT – ORIGINAL BUILDING (IMMEDIATE-1 YR): Existing Paint coatings are original to the building and past their useful lifespan. Recommend new paint coatings at all wall surfaces.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building O – University Center

FIRST FLOOR PLAN
16,882 S.F.



**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building O – University Center



SECOND FLOOR PLAN
14,040 S.F.

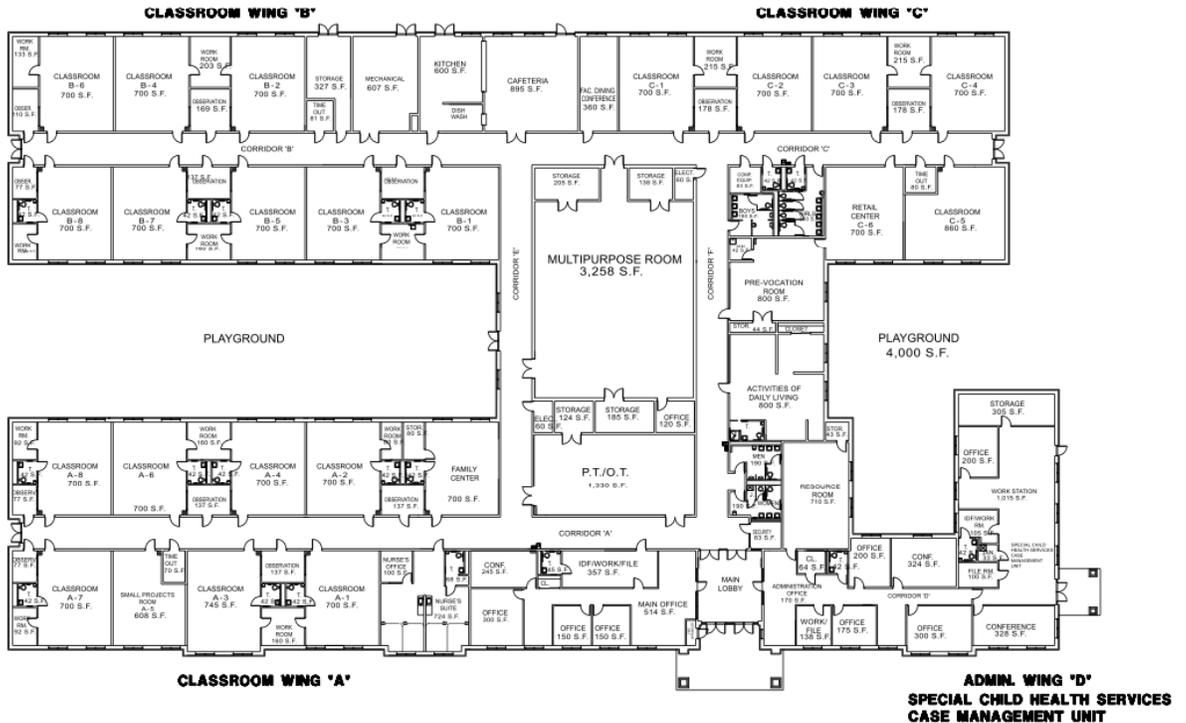
**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building O – University Center

The University Center was constructed in 2012. The building is 30,922 SF. The building contains a large student lounge and 18 new state-of-the-art general purpose classrooms.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building Q – Bankbridge Development Center



BANKBRIDGE DEVELOPMENT CENTER

GA
GARRISON ARCHITECTS

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Building Q – Bankbridge Development Center

The Bankbridge Development Center was constructed in 2007. The building is 53,000 SF. The school is operated by the Gloucester County Special Services School District which operates Bankbridge Regional Schools. The Autism School serves 140 students from pre-school age all the way up to age 21.

The Gloucester County Special Services School District currently offers services to approximately 100 children from the ages of 3 to 11 between the Child Development Center on Fries Mill Road and Bankbridge. The new Autism School was designed to specifically address such issues as specialized lighting, textures and bathroom accessibility so that difficulties related to the disorder are minimized in the learning environment. The Building was officially dedicated September 14, 2007.

**FACILITY ASSESSMENT and
LONG RANGE FACILITY PLAN PROJECT BUDGETS BY BUILDING
(continued)**

Roof Budget Summary
Update December 2015

Status	Current Building Letter	Roof Report Building Letter	Building Description	Recommendation	Budget
2017	A	C	College Center	Replacement	\$1,587,331.00
2017	C	D	Instructional Center	Replacement	\$1,981,291.00
TOTAL				Replacement	\$3,568,622.00

Status	Current Building Letter	Roof Report Building Letter	Building Description	Recommendation	Budget
completed	G	K	Scott Hall	Replacement 2012 Completed	 \$0
completed	I	J	College Services/ Safety & Security	Replacement 2012 Completed	 \$0
completed	B	G	Fine Arts Center	Replacement 2012 Completed	 \$0
completed	D	F	Allied Health Center	Replacement 2012 Completed	 \$0
completed	E	E	Student Services	Replacement 2012 Completed	 \$0
completed	F	B	Library & Media	Replacement B, C & C1 2014 Completed	 \$0
completed	H	A	Physical Ed/Police Academy	Replacement A, D & E 2014 Completed	 \$0
completed	J	I	Early Childhood Center	Replacement 2014 Completed	 \$0
completed	K	H	Plant Operations	Replacement 2014 Completed	 \$0

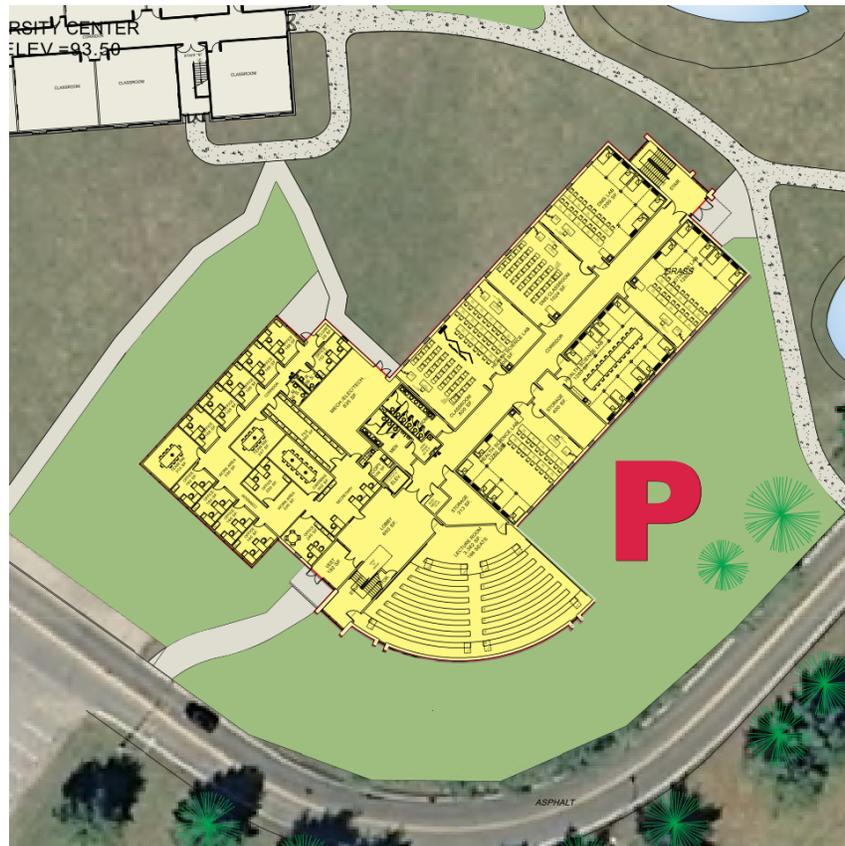
PROJECTS COMPLETED 2013 – 2015

Building P – Nursing and Allied Health Center

- ❖ New construction using Green and Sustainable Design Concepts and state-of-the-art technology integrated with the Nursing Curriculum for the 21st Century program. The 2-story building features Second Floor laboratories for flexible changing utility access and expandable plan for potential future growth.
- ❖ Renovations of the existing 1994 - 25,000 SF Allied Health Center Building to allow for change of use as the Business and Corporate Center.

Data/Schedule

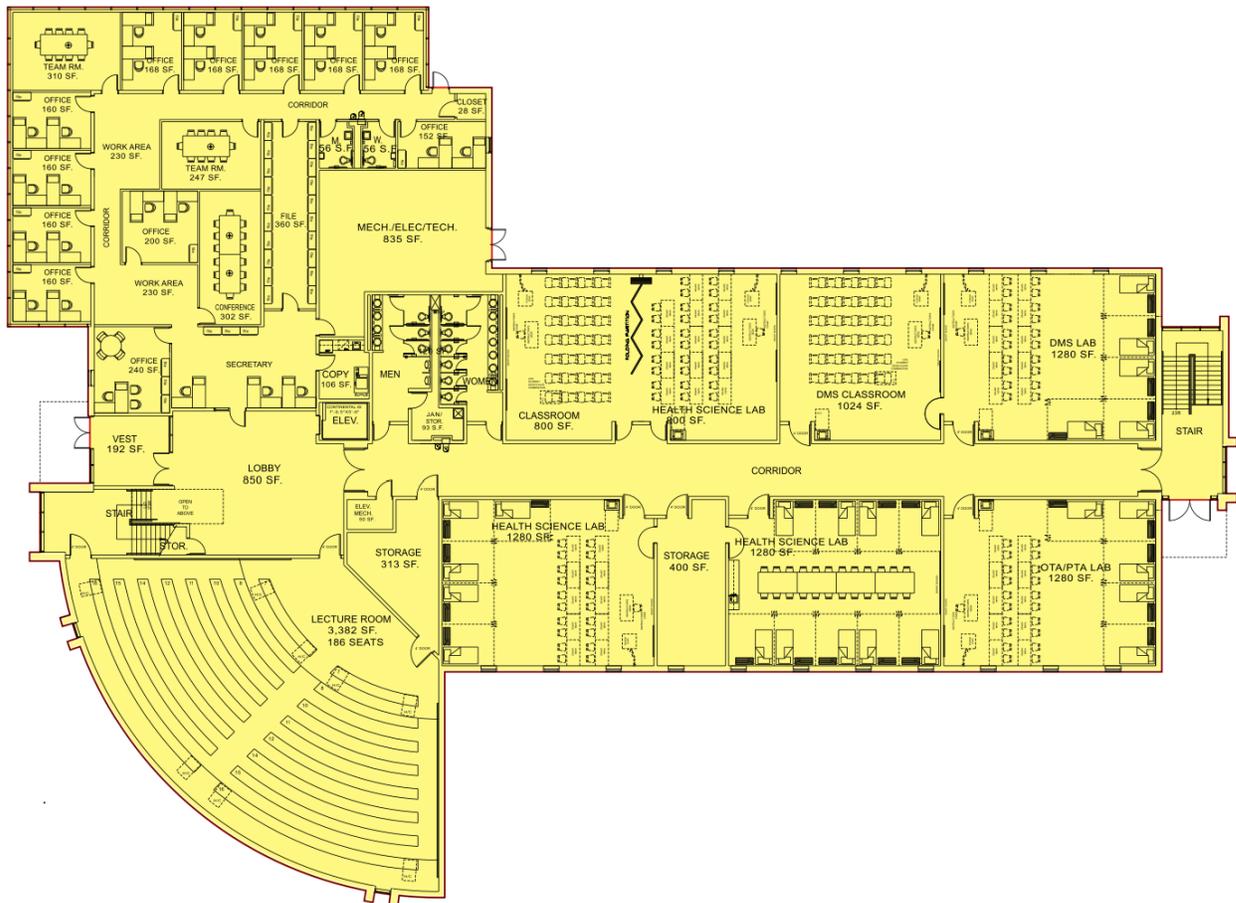
Size:	41,475 SF
Construction Budget:	\$ 9,526,140
Total Project Budget:	\$ 11,431,368
Programming & Schematic Design:	June 2012 – December 2012
Bond Approval/Notice-to-Proceed:	May 27, 2013
Design:	May 2013 – July 2013
Bidding:	August 2013 – September 2013
Construction:	September 2013 – February 2015



PROJECTS COMPLETED 2013 – 2015

Building P – Nursing and Allied Health Center

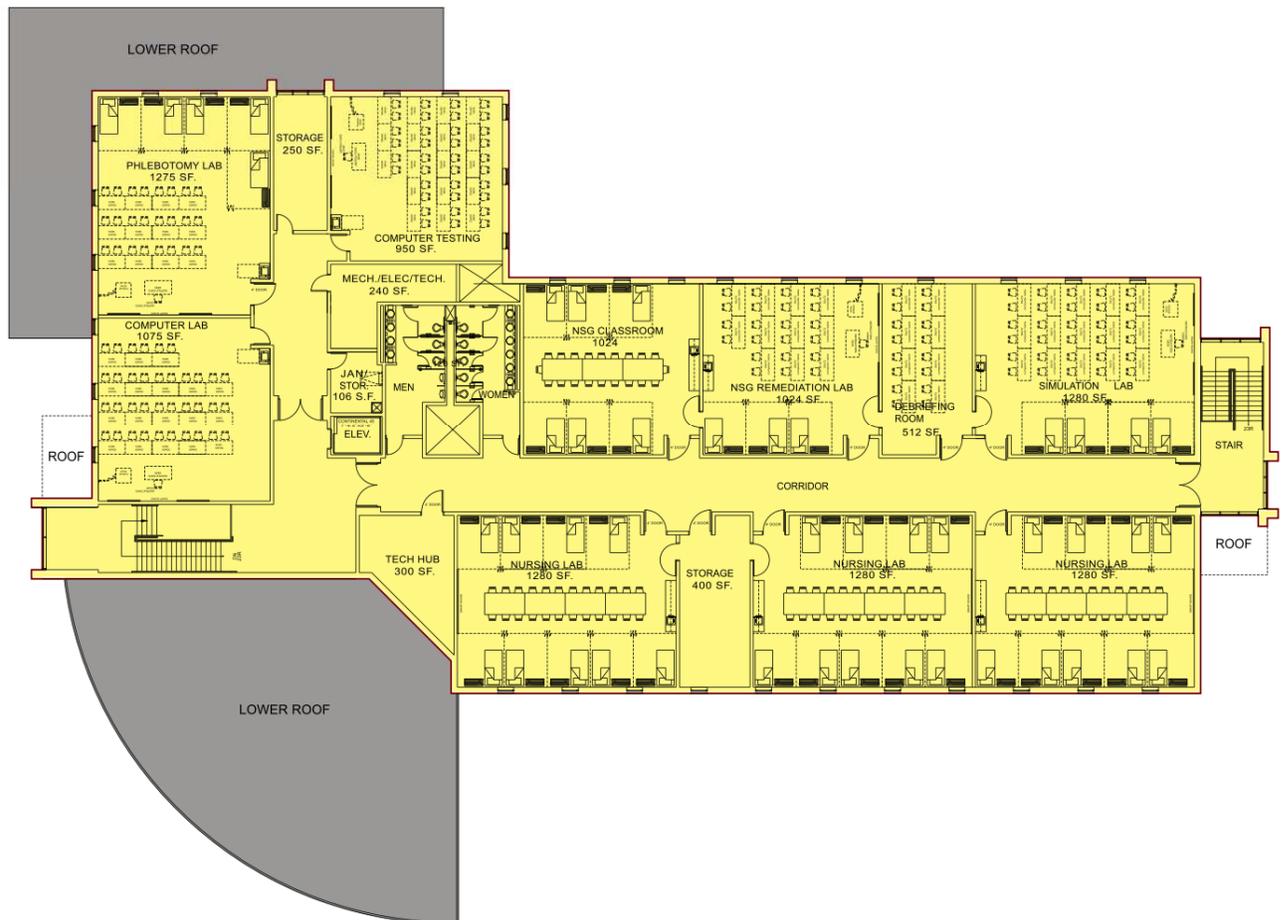
❖ First Floor Plan



PROJECTS COMPLETED 2013 – 2015

Building P – Nursing and Allied Health Center

❖ Second Floor Plan



PROJECTS COMPLETED 2013 – 2015

Building P – Nursing and Allied Health Center



PROJECTS COMPLETED 2013 – 2015

Building E – Student Services Center Additions and Renovations

- ❖ Minor renovations of the existing 1988 16,300 SF building
- ❖ New 2-story 20,345 SF addition. The First Floor new construction will provide a new “front door” façade to the keystone campus building for Admissions, Financial Aid and all Student Records.

Data/Schedule

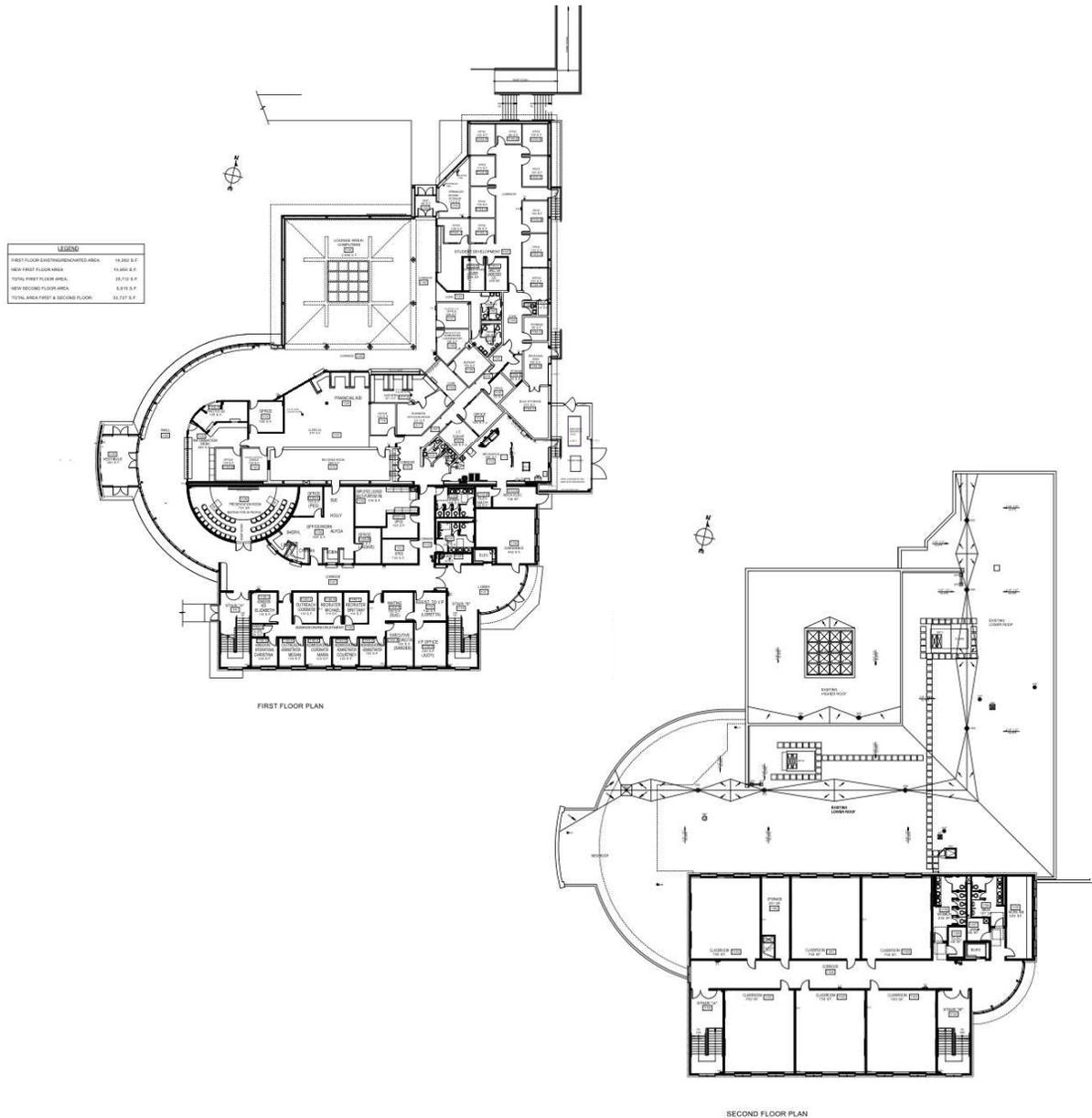
Size:	16,300 SF Renovation; 20,345 SF New
Construction Budget:	\$4,874,341
Total Project Budget:	\$5,849,208
Programming & Schematic Design:	June 2012 – December 2012
Bond Approval/Notice-to-Proceed:	May 27, 2013
Design:	May 2013 – July 2013
Bidding:	August 2013 – September 2013
Construction:	September 2013 – February 2015



PROJECTS COMPLETED 2013 – 2015

Building E – Student Services Center Additions and Renovations

- ❖ Second Floor new construction will provide (6) new classrooms meeting the NJDOE High School Classroom Model Standards to house high school transition students with a new challenging preparatory curriculum.



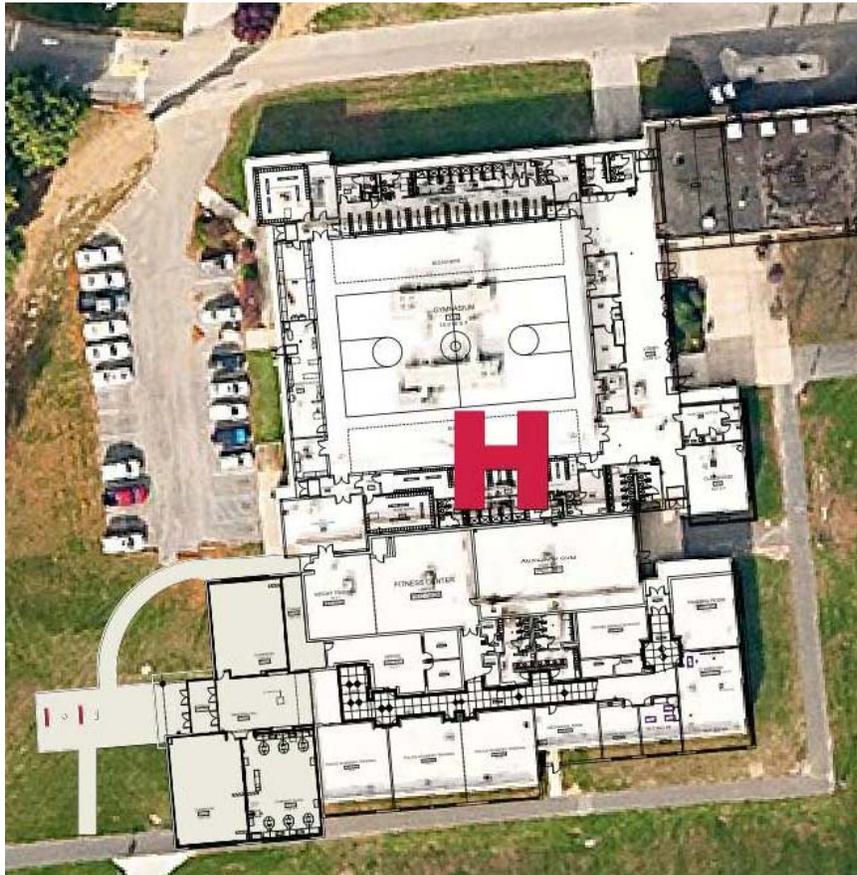
PROJECTS COMPLETED 2013 – 2015

Building H – Law and Justice Center Addition

- ❖ The 7,244 SF addition provides three (3) additional state-of-the-art instructional spaces including two forensic labs to enhance the training and skills development for the students.

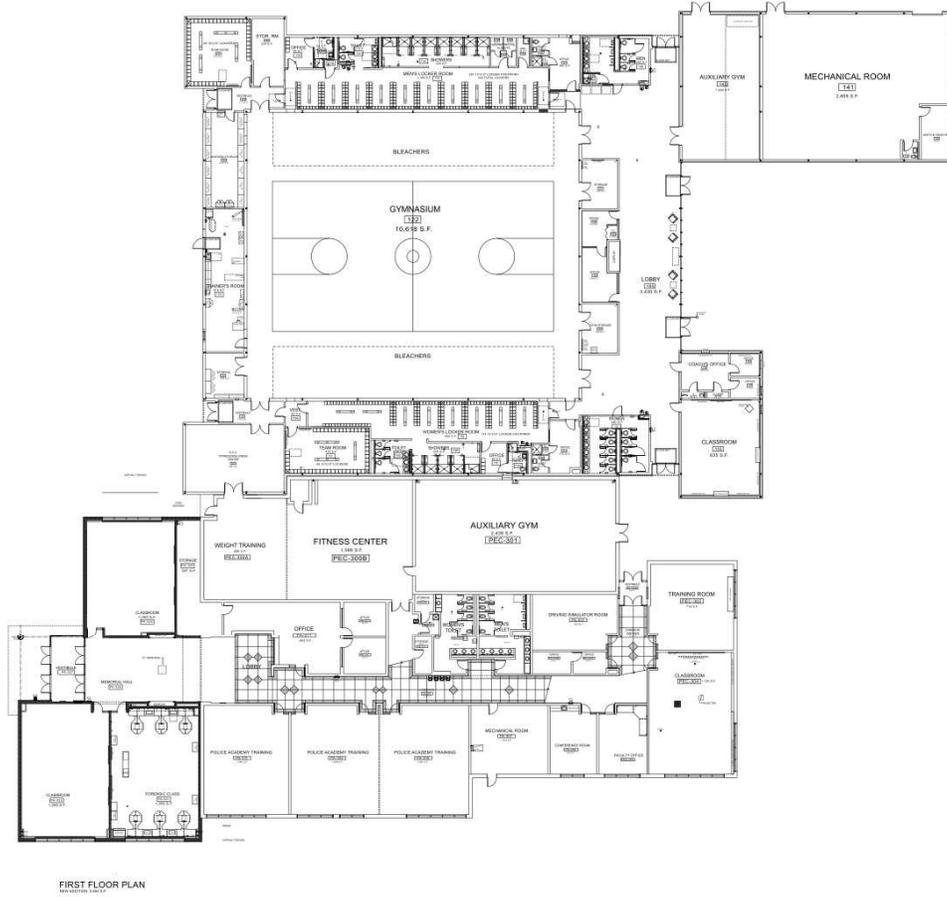
Data/Schedule

Size:	7,244 SF
Construction Budget:	\$ 1,666,120
Total Project Budget:	\$ 1,999,344
Programming & Schematic Design:	June 2012 – December 2012
Bond Approval/Notice-to-Proceed:	May 27, 2013
Design:	May 2013 – July 2013
Bidding:	July 2013 – August 2013
Construction:	August 2013 – July 2014



PROJECTS COMPLETED 2013 – 2015

Building H – Law and Justice Education Center Addition



PROJECTS COMPLETED 2013 – 2015

Building R – Adult Center for Transition (ACT Center)

- ❖ New 1-story 14,550 SF state-of-the-art facility designed to facilitate the transition of care for special needs students from the public educational system to adult living.
- ❖ The curriculum will focus on developing skills in the area of communication, socialization and independence. The goal is to help special needs students participate and contribute as adult members of the community.
- ❖ The proposed site will be directly adjacent to the existing Bankbridge Development and Family Center that was constructed in 2007.

Data/Schedule

Size:	14,550 SF
Construction Budget:	\$3,346,500
Total Project Budget:	\$4,015,800
Programming & Schematic Design:	June 2012 – December 2012
Bond Approval/Notice-to-Proceed:	May 27, 2013
Design:	May 2013 – June 2013
Bidding:	July 2013 – September 2013
Construction:	October 2013 – March 2015

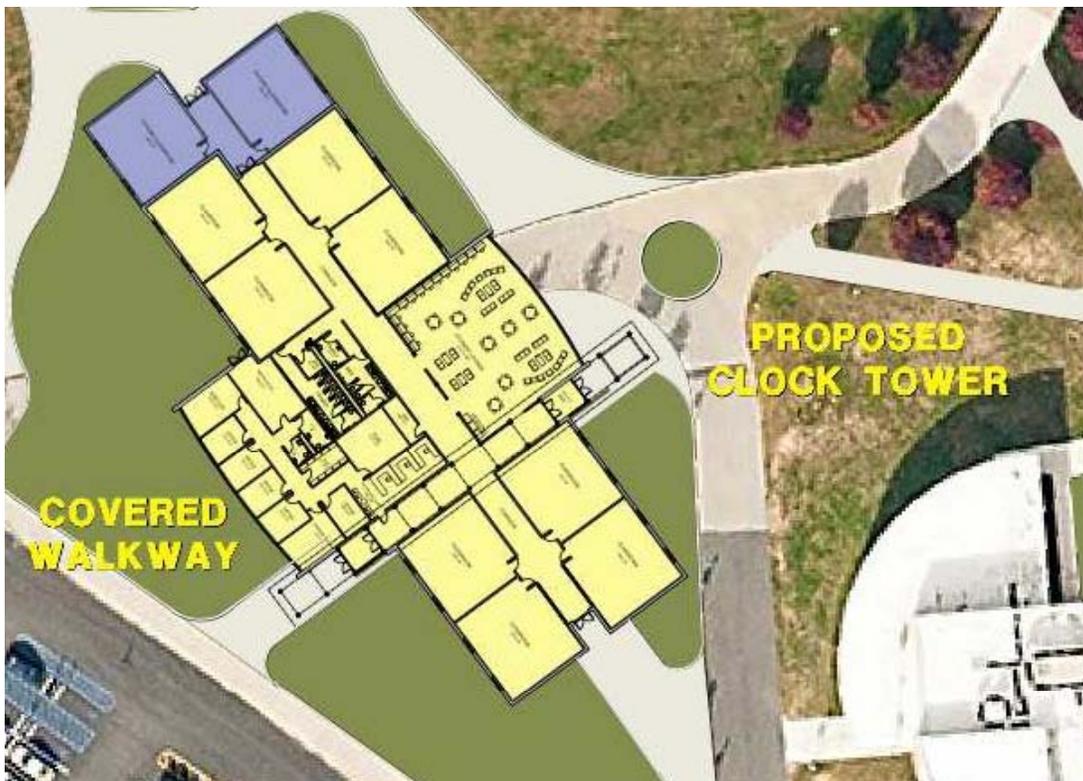


BUILDINGS UNDER CONSTRUCTION AND PROPOSED BUILDINGS

Building – Rowan College Center

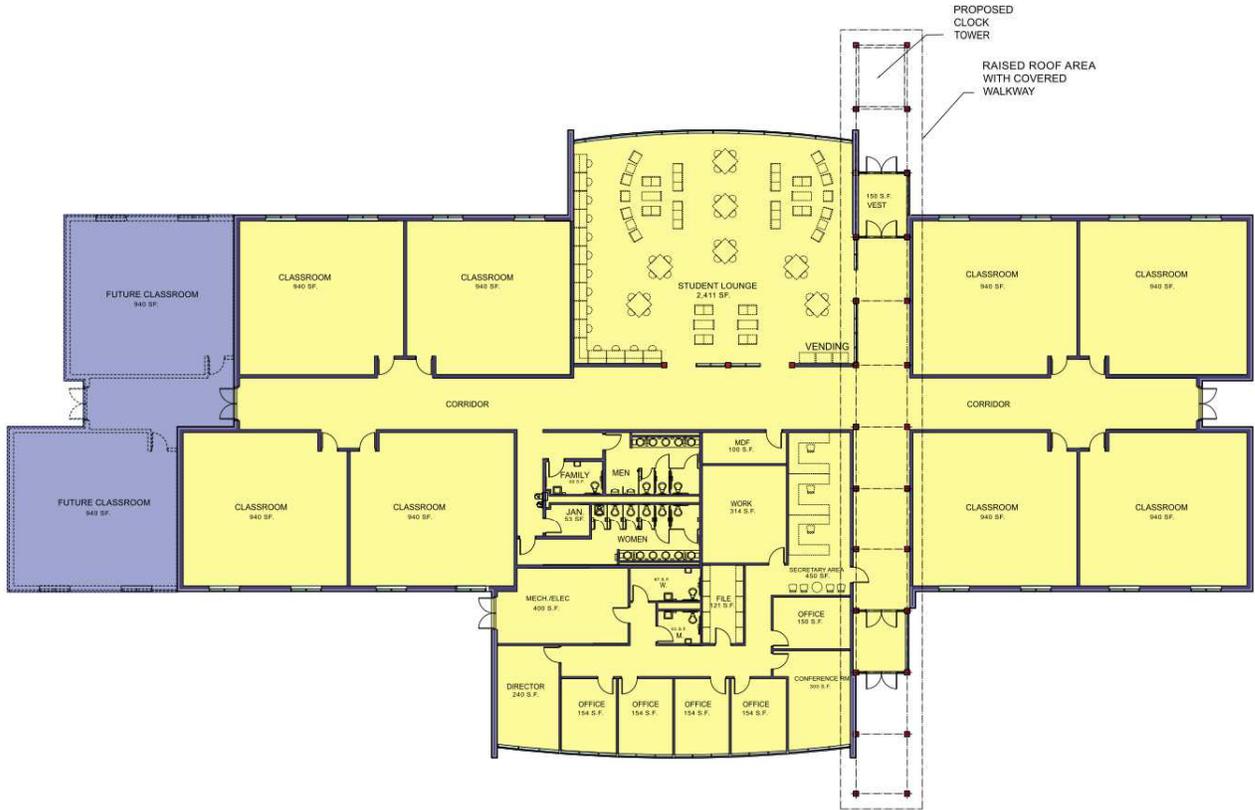
- ❖ New construction using Green and Sustainable Design Concepts and state-of-the-art technology. The 1-story building features 8 large classrooms with future expansion for 2 more expandable classrooms for potential future growth and a large student lounge with areas for computer stations, soft seating and vending/snack foods.

	Data/Schedule
Size:	18,523 SF
Ratio of Program Space to Gross SF:	70%
Construction Budget:	\$ 5,742,130 (\$310/SF)
Total Project Budget:	\$ 7,000,000
Programming & Schematic Design:	November 2015 – December 2015
Bond Approval/Notice-to-Proceed:	March 2015
Design:	April 2016 – June 2016
Bidding:	July 2016
Construction:	August 2016 – August 2017



BUILDINGS UNDER CONSTRUCTION AND PROPOSED BUILDINGS

Building – Rowan College Center



- SCHEME '8' WITH (8) CLASSROOMS FLOOR PLAN
18,523 SF.
- SCHEME '8' WITH (2) FUTURE CLASSROOMS FLOOR PLAN
20,927 SF.

BUILDINGS UNDER CONSTRUCTION AND PROPOSED BUILDINGS

Building – Rowan College Center



BUILDINGS UNDER CONSTRUCTION AND PROPOSED BUILDINGS

Building G – Scott Hall Proposed STEM Classroom Addition

- ❖ Three Science Technology Engineering and Mathematics (STEM) large size laboratories with flexible furniture to permit experimentation and hands-on project builds. The addition will also have a standard classroom with state-of-the-art technology for presentations. These additional classrooms will supplement the existing building facilities that include traditional Science Labs and technology classrooms.

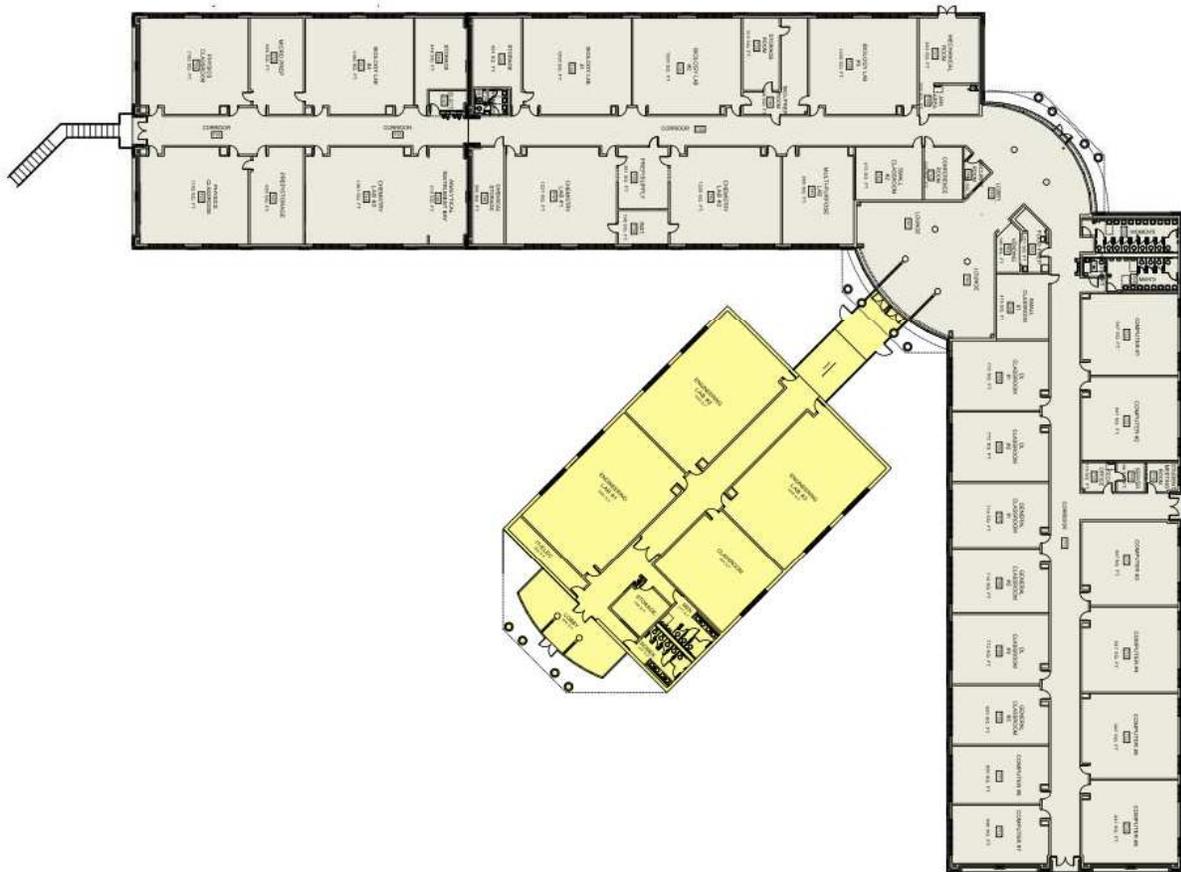
	Data/Schedule
Size:	9,950 SF
Ratio of Program Space to Gross SF:	72%
Construction Budget:	\$ 3,084,050 (\$310/SF)
Total Project Budget:	\$ 3,701,400
Programming & Schematic Design:	November 2015 – December 2015
Bond Approval/Notice-to-Proceed:	March 2015
Design:	April 2016 – June 2016
Bidding:	July 2016
Construction:	August 2016 – May 2017



BUILDINGS UNDER CONSTRUCTION AND PROPOSED BUILDINGS

Building G – Scott Hall Proposed STEM Classroom Addition

❖ Description



BUILDINGS UNDER CONSTRUCTION AND PROPOSED BUILDINGS

Proposed New Wood Frame Pole Barn, FATS System Relocation and Renovation to the Facilities Office Center and Safety and Security Building

- ❖ The FATS System equipment is to be relocated from the Facilities Office Center to the Safety and Security Building by the Owner. Construction of the new FATS Center in the Safety and Security Building will be by the Contractor.
- ❖ A 2,936 SF New Wood Frame Pole Barn. The basis of design for the building shall be manufactured by Kistler Buildings, Fogelsville, PA. The work shall include Site Improvements / Parking.
- ❖ Renovations to the Facilities Office Center

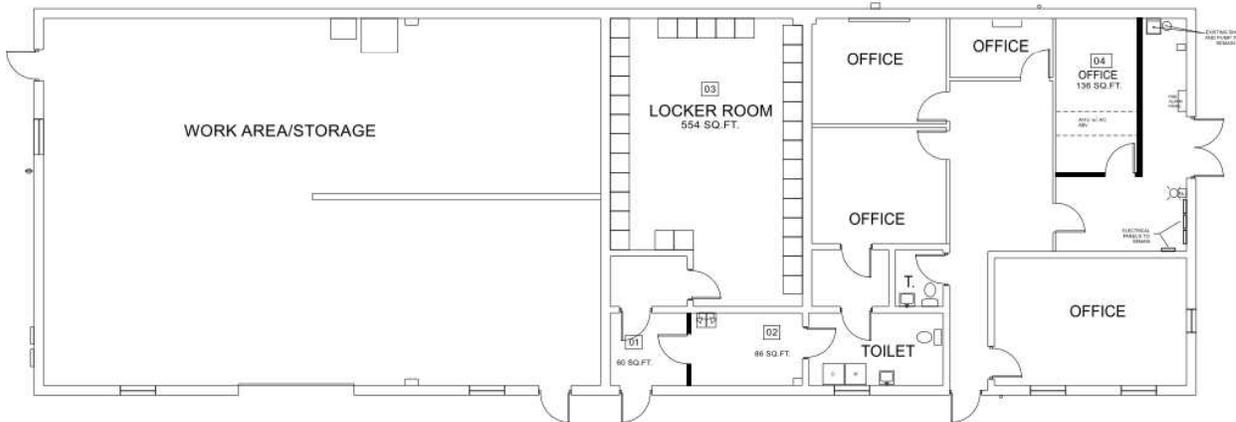
	Data/Schedule
Size:	3,000 SF
Construction Budget:	\$ 400,000
Total Project Budget:	\$ 450,000
Programming & Schematic Design:	October 2015 – November 2015
Bond Approval/Notice-to-Proceed:	March 2015
Design:	October 2015 – November 2015
Bidding:	January 2016
Construction:	February 2016 – May 2016



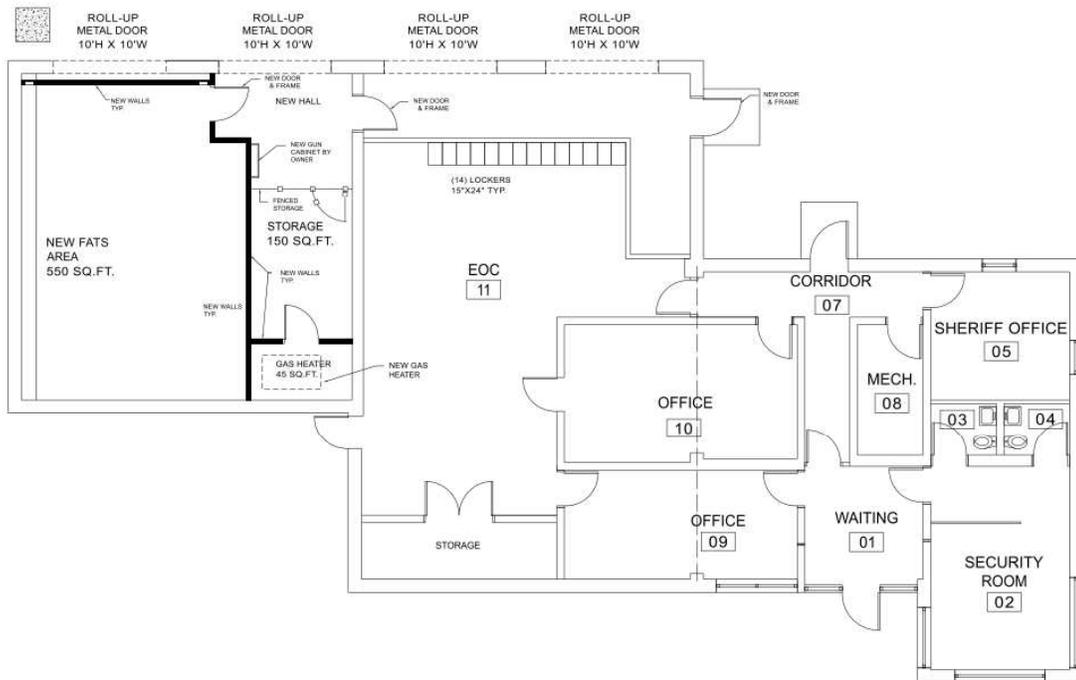
BUILDINGS UNDER CONSTRUCTION AND PROPOSED BUILDINGS

Proposed New Wood Frame Pole Barn, FATS System Relocation and Renovation to the Facilities Office Center and Safety and Security Building

Facilities Building



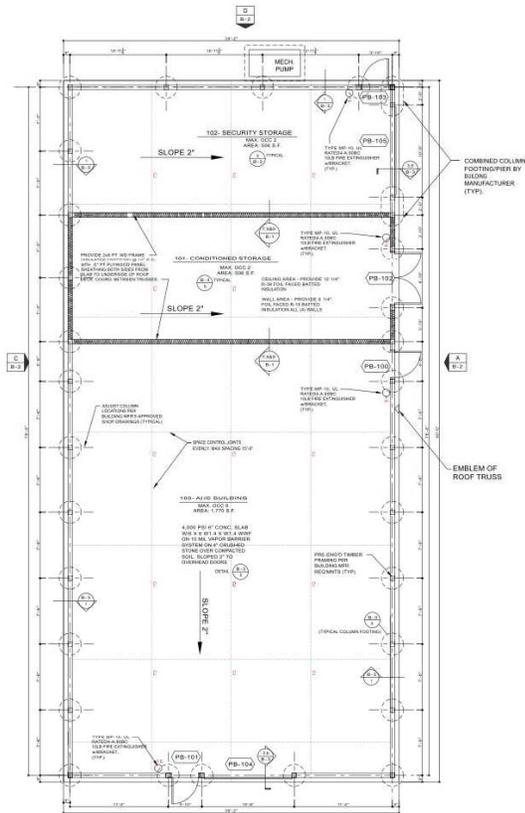
New FATS Area



BUILDINGS UNDER CONSTRUCTION AND PROPOSED BUILDINGS

Proposed New Wood Frame Pole Barn, FATS System Relocation and Renovation to the Facilities Office Center and Safety and Security Building

New Pole Barn Plan



1 POLE BARN FLOOR PLAN
 B-1 TOTAL 2,938 SF SCALE: 3/16"=1'-0"



