



AGENDA REQUEST FORM

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

MEETING DATE: Jun 21 2016 10:15AM - Regular School Board Meeting

Special Order Request
 Yes No

ITEM No.:
JJ-5.

AGENDA ITEM: OPEN ITEMS

Time

CATEGORY: JJ. OFFICE OF FACILITIES AND CONSTRUCTION

DEPARTMENT: Facilities Pre-Construction

Open Agenda
 Yes No

TITLE:
 Professional Services Agreement - Atlantic Technical College, Coconut Creek - Building Renovations - Project No. P.000415

REQUESTED ACTION:
 Approve Professional Services Agreement with M.C. Harry and Associates, Inc., Atlantic Technical College, Building Renovations, Project No. P.000415.

SUMMARY EXPLANATION AND BACKGROUND:
 Scope of Work: Design Professional shall develop a complete set of design documents that can be permitted for construction; along with construction contract administration services. The design documents scope for the project includes improvements to the campus' HVAC system(s), fire sprinkler system, building(s) exterior envelope, and media center.
 A copy of the contract is available at the Board Members' Office on the 14th floor of the K.C. Wright Administration Center. A copy of all supporting documents are available online via the Broward County Public Schools eAgenda at: <https://webappe.browardschools.com/eAgenda/>
 This Agreement has been reviewed and approved as to form and legal content by the Office of the General Counsel.

SCHOOL BOARD GOALS:
 Goal 1: High Quality Instruction Goal 2: Continuous Improvement Goal 3: Effective Communication

FINANCIAL IMPACT:
 The Financial impact of the Professional Services Agreement includes \$553,949 for Basic Services and \$25,051 for Supplemental/Reimbursable Fees, totaling \$579,000.
 This project has been appropriated in the Adopted District Educational Facilities Plan (September 8, 2015) and in the District's Capital Budget.

EXHIBITS: (List)
 (1) Executive Summary (2) Agreement ONLINE (3) Collaboration

BOARD ACTION:
APPROVED
 (For Official School Board Records Office Only)

SOURCE OF ADDITIONAL INFORMATION:
 Name: Shelley N. Meloni, Director Phone: 754-321-1515
 Name: Robert C. Corbin, Heery Director Phone: 754-321-4325

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

Senior Leader & Title
 Leo Bobadilla - Chief Facilities Officer

Signature
 Leo Bobadilla Jr
 Tuesday, June 14, 2016 4:46:40 PM

Approved In Open Board Meeting On: JUN 21 2016

By: *Abby M. Freedman*
 School Board Chair
for the chair

EXECUTIVE SUMMARY

EXHIBIT 1

**Approve Professional Services Agreement
M.C. Harry and Associates, Inc.
Atlantic Technical College, Coconut Creek
Building Renovations
Project No. 000415**

PROJECT OVERVIEW:

Type of Contract:	Professional Services Agreement
Architect:	M.C. Harry and Associates, Inc.
Notice to Proceed Date:	Planned date based on June 21, 2016 approval
Budget:	\$8,952,000

GENERAL OVERVIEW:

Board approval to advertise RFQ 16-082F was received at the December 8, 2015 Board meeting. This item is for Board approval of the Professional Services Agreement between The School Board of Broward County, Florida and M.C. Harry and Associates, Inc. for professional design services for Atlantic Technical College. Design Professional shall develop a complete set of design documents that can be permitted for construction; along with construction contract administration services. The design documents scope for this project includes improvements to the campus' HVAC system(s), fire sprinkler system, building(s) exterior envelope, and media center.

According to School Board Policy 7003, Selection of Engineers and Architects, and pursuant to the Consultant's Competitive Negotiation Act, the Qualification Selection Evaluation Committee ("QSEC") selected M.C. Harry and Associates, Inc., and the Negotiating Committee met with M.C. Harry and Associates, Inc. and negotiated a fixed fee.

The Architectural/Professional Liability Insurance has been agreed upon pursuant to Part 5 – Article 3 of the Professional Services Agreement based upon the Project Contract Cost. This Agreement has been reviewed and approved as to form and legal content by the Office of the General Counsel.

PROFESSIONAL SERVICES AGREEMENT

Design Professional Services

BETWEEN

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

AND

M.C. Harry and Associates, INC.

DATE: June 21, 2016

Description of Scope (for Single Package Contract)

Atlantic Technical College Total Funds Allocated \$8,952,000:

Provide Professional Design Services for the Atlantic Technical College, P.000415.

Design Professional shall develop a complete set of design documents that can be permitted for construction; along with construction contract administration services. The design documents scope for this project includes improvements to the campus' HVAC system(s), fire sprinkler system, building(s) exterior envelope, and Media Center.

See PSA Attachment 6.a & 6.b for negotiated professional design fees and schedule.

See PSA Attachment 16 for the Project Scope of Work.

TABLE OF CONTENTS

TABLE OF CONTENTS	2
CONTRACT ATTACHMENT LISTING	3
DEFINITIONS	6
PART 1 – SCOPE OF SERVICES	
ARTICLE 1 – DESIGN PROFESSIONAL’S RESPONSIBILITY	9
ARTICLE 2 – SERVICES BY DESIGN PROFESSIONAL’S OWN STAFF/CONSULTANTS	10
ARTICLE 3 – BASIC SERVICES	11
ARTICLE 4 – MAINTENANCE OF RECORDS	13
ARTICLE 5 – CONTRACT PROCESS/PROCEDURES	13
PART 2 – DESIGN PROFESSIONAL COMPENSATION	
ARTICLE 1 – PAYMENT	14
ARTICLE 2 – REIMBURSABLES	15
ARTICLE 3 – WAIVER OF CLAIMS	16
PART 3 – CONTRACT TIME	
ARTICLE 1 – CONTRACT TIME	16
ARTICLE 2 – CONTRACT DURATION	17
PART 4 – OWNERS RESPONSIBILITIES	
ARTICLE 1 – MISCELLANEOUS	17
PART 5 – TERMS AND CONDITIONS	
ARTICLE 1 – MISCELLANEOUS	19
ARTICLE 2 – LIABILITY	19
ARTICLE 3 – INSURANCE	20
ARTICLE 4 – APPLICABLE LAW	23
ARTICLE 5 – EQUAL EMPLOYMENT OPPORTUNITY/NONDISCRIMINATION/MWBE/LDB	23
ARTICLE 6 – DISPUTE RESOLUTION	23
ARTICLE 7 – SECURING AGREEMENT/PUBLIC ENTITY CRIMES	24
ARTICLE 8 – OWNERSHIP, LICENSE OF DOCUMENTS AND INTELLECTUAL PROPERTY	24

ARTICLE 9 – PROJECT TERMINATION OR SUSPENSION	25
ARTICLE 10 – CONDITIONS	26
ARTICLE 11 – NOTICE PROVISIONS	28
PART 6 – CONTRACT EXECUTION SHEETS	29

CONTRACT ATTACHMENT LISTING

The following attachments are fully incorporated into this Agreement for Professional Design Services:

Attachment 1: Identified Codes, Regulations and Standards

- Codes regulations standards
- Certain projects may require meeting other or additional criteria

Attachment 2: Basic Design Phasing Requirements

- Note that the Project Scope of Work determines the requirements of Design Phasing

Attachment 3: Sample Schedule Format/Owner’s Initial Schedule – for reference

- Design Professional to develop a Project Schedule for Owner review and acceptance

Attachment 4: Sample Permitting Plan Format

- Sample format for Design Professional Permit Tracking

Attachment 5: Invoice Formats

- Required for monthly billing
- Required for reimbursable expenses

Attachment 6.a: Design Proposal

- Proposal of Services
- Schedule of Design Fees
- Proposal of Schedule
- Proposal of Scope

Attachment 6.b: Design Fees for Owner Changes

Attachment 7: Supplemental Services Information

Attachment 8: Electronic Media Requirements

Attachment 9: Conflict of Interest Form

- Due at the time of contract execution

Attachment 10: M/WBE Report Form

- Format for Design Professionals monthly report

Attachment 11: IRS form W-9

- Due at time of contract execution

Attachment 12: ACH Payment Agreement Form

- Due at time of contract execution

Attachment 13: Drug-Free Workplace

- Due at time of contract execution

Attachment 14: Errors and Omissions Process

Attachment 15: Finalized Design Professional and Consultant's Staffing – updated RFQ Attachment B

- Due five (5) days after contract execution

Attachment 16: Project Scope of Work

Online Documents: The following documents shall be downloaded by the Design Professional and are considered as Attachments to this Contract:

Design Standards

http://www.broward.k12.fl.us/facilities_construction/DSS/DS_Docs/DesignStandards.htm

- Design Criteria
- Design and Material Standards - Division 1 thru Division 17
- Document Submittal Checklist for Plan Review

<http://www.broward.k12.fl.us/constructioncontracts/D0docs.html>

- Specifications – Division 0

State Requirements for Educational Facilities (SREF) latest edition

<http://www.fldoe.org/edfacil/sref.asp>

- F.I.S.H. layering system for AutoCAD: **Note:** the layering system is not posted on line. It will need to be requested thru:

Facility Planning and Real Estate

600 SE 3rd Avenue

Fort Lauderdale, FL 33312

754-321-1932

Executed Documents

- This Section will include all signature pages and the Design Professional's RFQ and Contract deliverables.
- These documents are integral to the Contract and will be provided to the Design Professional as part of the contract package.
- Included are:
 - Executed Contract
 - List of Project Team Members as submitted as part of the RFQ
 - Document 00455 – background screening
 - Project Specific Insurance Certificates
 - Executed Purchase Order
 - Design Professional's approved schedule
 - Authorizations to Proceed
 - Drug Free Workplace
 - ACH Payment Agreement
 - IRS W-9 form
 - Conflict of Interest form
 - M/WBE letter of intent - form 00470
 - M/WBE consultants participating – form 00475
 - unavailability certificate if required – form 00480
 - Updated Design Professional and Consultant Staffing (RFQ attach B)
 - This is due five (5) days after execution of this contract.
 - Other documents, as may be required

DEFINITIONS

1. **Authorization to Proceed (ATP):** A document issued by the Owner to the Design Professional, which, when executed, authorizes the Design Professional to proceed with all or a portion of the Professional Services.
2. **Board:** The School Board of Broward County, Florida (SBBC).
3. **Building Code Inspectors and Plans Examiners:** Employees of The School Board of Broward County, Florida, and others designated by the Chief Building Official, who are certified by Florida statutes 468, 633 and 553 to provide plan review and inspections for code compliance.
4. **Building Department:** The entity having responsibility to provide plan review and inspections for code compliance for the School Board of Broward County facilities.
5. **Capital Budget Department:** The entity having responsibility for administering the budget and adoption of the annual District Education Facilities Plan for the School Board of Broward County.
6. **Change Order:** A written notice, issued and approved by the Owner for additions or deletions to the Contractors Scope of Work. A change order may increase or decrease the Contract amount or Time for Completion.
7. **Chief of Facilities & Construction Officer:** An employee of The School Board of Broward County, Florida who has the responsibility for oversight and management authority of the Facilities and Construction Department and Physical Plant Operations.
8. **Constructability:** Constructability is the organized process of reviewing a project's drawings, specifications and other project documents with a goal of eliminating design, detailing, and specification problems to facilitate a smooth construction process.
9. **Construction Change Directive (CCD):** A Directive given by the Owner for additions or deletions in the scope of work or services when a change is required and time is of the essence.
10. **Contingency Use Directive (CUD):** A CUD is issued and approved by the Owner for the purpose of accounting for unforeseen increases or decreases in the construction cost resulting from unforeseen circumstances relating to Construction.
11. **Construction Contract Documents:** The Contract Documents consist of the Agreement Form, Addenda, Supplementary Conditions, General Conditions, Documents contained in the Project Manual, Drawings, etc.
12. **Contractor:** Any person, firm or corporation with whom a Construction Contract has been awarded by the Owner.
13. **Construction Documents:** The construction documents include all the Design Professional's work product as listed in the Construction Contract. This includes, but is not limited to, specifications, drawings, materials boards.
14. **Consultants:** A person or organization of properly registered professional architects, engineers or other design professionals who has entered an agreement with the Design Professional to furnish professional services in support of the Design Professionals agreement with the Owner.
15. **Design Builder:** The Firm registered and licensed in Florida, who has entered into an Agreement with the School Board of Broward County to provide design and construction phase services.
16. **Design Professional:** The Firm registered and licensed in Florida, who has entered into an Agreement with the School Board of Broward County to provide architectural and/or engineering services
17. **Facilities and Construction Department:** The entity having responsibility for the management of Construction and Maintenance of the School Board of Broward County's facilities.
18. **Final Completion:** The date at which time the Contractor has completed all Work in accordance with the Contract Documents as certified by the Design Professional and/or approved by the Owner. In addition, Final Completion shall not be deemed to have occurred until any and all governmental bodies, boards, entities, etc., which regulate or have jurisdiction of the Work, have inspected, approved and certified the Work. 6
19. **Guaranteed Maximum Price (GMP):** The GMP is the maximum that the Owner shall pay the Contractor for the Work described in the contract documents.

20. **Office of Facilities & Construction:** The Owner's organizational entity which acts as liaison between all Project Participants and the Owner.
21. **Other Contractors:** Any person, firm or corporation with whom a Contract has been made with the Owner for the performance of any work on the site for work which is not a portion the Work covered by the Prime Contractor's Contract.
22. **Owner:** The School Board of Broward County, Florida (SBBC).
23. **Owner's Representative:** The Owner's Representative is The Program Manager.
24. **Phase:** A designated subdivision of the Work, usually with its own requirements for Substantial and Final Completion, and liquidated damages. A Phase may be designated for completion by the Owner's own forces, or by another Owner Contractor.
25. **Physical Plant Operations (PPO):** The entity having responsibility for maintenance services, ground services, Facilities support services, and energy management conservation services for the School Board of Broward County facilities.
26. **Program Manager:** The entity having responsibility for program management services on the School Board of Broward County's Capital Projects.
27. **Project Manager:** An employee of the School Board of Broward County or Program Manager who has responsibility oversight of the management of a capital project from the planning and design phase through construction and closeout.
28. **Project Manual:** The Project Manual contains the Contract Documents and the Design Documents.
29. **Project Schedule:** A logic activity based plan identifying design and construction activities associated with the Project characterized by milestones signifying the required completion dates for design phases, construction progress, and other significant project events culminating with the completion of the project, issuance of warranties Owners occupancy and use of the facility.
30. **Punch List:** A list of items of work required to be completed after substantial completion to achieve final completion.
31. **Subcontractor:** A person or entity having a formal contract with the contractor. A "Subcontractor", does not have a contractual relationship with the Owner.
32. **Sub-subcontractor:** A person or entity having a formal contract with the Subcontractor. A Sub-subcontractor, does not have a contractual relationship with the Owner.
33. **Submittals:** Documents prepared by the Contractor to show how a particular aspect of the Work is to be supplied, fabricated and/or installed. Contractor Submittals include shop drawings, product data, samples, mock-ups, test results, warranties, maintenance agreements, project photographs, record documents, field measurement data, operating and maintenance manuals, reports, certifications and other types of information described in the specifications.
34. **Substantial Completion:** Is when the work is at a stage that the facility can be used for its intended purpose. A Certificate of Occupancy is a prerequisite to obtaining Substantial Completion.
35. **Superintendent of Schools:** The duly appointed executive officer of the Owner authorized to act by and through The School Board of Broward County, Florida.
36. **Superintendent:** An English speaking representative of the Contractor that shall be present on the work site at all times during the projects progress, who is authorized to receive and fulfill instructions from the Owner and the Design Professional and capable of managing the work flow efficiently and safely.
37. **Supplemental Services:** Additional Professional Design Services that may be required.
38. **Surety:** The Entity issuing Bid, Payment and/or Performance Bonds guaranteeing the Contractor's payments and performance, for the duration of the work.

39. **Terminology:** The use of the singular or plural shall apply to both the singular and the plural in all cases. The use of he or she are to be considered genderless and shall apply to both he and she in all cases.
40. **The Project:** All Work necessary to be performed to meet the intent of the Contract Documents. The Project may include construction by the Owner or by separate contractors.
41. **Value Engineering:** Value Engineering (VE) is the organized process of analysis of a project as to cost and/or performance with a focus on analysis of the proposed facility and the elimination or modification of those features which add cost without contributing to that facility's required function or design value.
42. **Written Notice:** Shall be deemed to have been served if delivered in person to the individual or to a member of the Design Professional or to the office of the Design Professional for whom it is intended, or, if delivered or sent by registered mail or other traceable delivery service to the last business address known to the entity serving notice. Refer to Part 5 Article 11, Notice Provisions.
43. **Work:** The totality of the terms, conditions and obligations included in the Contract Documents or by an executed Agreement.

PART 1 – SCOPE OF SERVICES

PART 1 – ARTICLE 1 – Design Professional’s Responsibility

- 1.1.1. The Design Professional, in representing the Owner, assumes towards the Owner a relationship of the highest trust, confidence, and fair dealings.
- 1.1.2. The Design Professional agrees to obtain and maintain throughout the period of this Agreement all such licenses as are required to do business in the State of Florida and in Broward County, Florida, including, but not limited to, all licenses required by the respective state boards and other governmental agencies responsible for regulating and licensing the professional Services to be provided and/or performed by the Design Professional pursuant to this Agreement.
- 1.1.3. The Design Professional’s designated Principal in Charge shall have full authority to bind and obligate the Design Professional on all matters arising out of or relating to this Agreement. The Design Professional will designate in writing an individual to serve as the Design Professional’s representative. The Representative is authorized and responsible to act on behalf of the Design Professional with respect to directing, coordinating and administering all aspects of the Services to be provided and performed under the Owner’s Authorization to Proceed. By execution of this Agreement, the Design Professional acknowledges that the Representative has full authority to bind and obligate the Design Professional on all matters arising out of or relating to the Authorization to Proceed. The Design Professional agrees that the Principal in Charge and the Representative shall devote whatever time is required to satisfactorily manage the Services to be provided and performed by the Design Professional under the Authorization to Proceed. Further, the Design Professional agrees that the Principal in Charge and the Representatives shall not be removed without Owner’s prior approval, and if so removed, must be immediately replaced with a person acceptable to the Owner, which approval and acceptance shall not be unreasonably withheld.
- 1.1.4. The Design Professional agrees that its staff, consultants and sub-consultants who will perform any Services under this Agreement are subject to Owner’s reasonable approval. For project specific RFQ’s the Attachment B from the RFQ shall be finalized, updated and submitted to the owner within 2 weeks of contract execution. Attachment B is the listing of the Design Professional’s staff, consultants and sub-consultants who have been assigned to provide the services required under this Agreement. The Design Professional further agrees, within fourteen (14) calendar days of receipt of a written request from the Owner, to promptly remove and replace the Representative, or any other personnel employed or retained by the Design Professional, or any consultants or subcontractors or any personnel of any such consultants or sub-consultant engaged by the Design Professional to provide and perform any of the Services pursuant to the requirements of this Agreement. This request may be made by Owner with or without cause. If the Design Professional is required to remove and replace a consultant or subcontractor without cause, an equitable adjustment shall be made to the compensation provided for in any Authorization to Proceed to which such subcontractor or consultant may have been assigned.
 - 1.1.4.1. Note that for Continuing Services, the Design Professional may list more than one (1) primary staff members and more than one (1) of each consultant type on Attachment B for use through the length of the contract.
- 1.1.5. Drawings shall be prepared in electronic AutoCAD format and the Project Manual shall be prepared as an electronic Word document per the Owner’s standards found in the online Design Standards.

- 1.1.6. Design Professional acknowledges that the most recent version of the Design Standards as of the date of the ATP shall be utilized for design.
- 1.1.7. In the event of any conflict in these requirements, the Design Professional shall promptly notify the Owner of such conflict in writing and utilize its best professional judgment to resolve the conflict.
- 1.1.8. The Owner's acceptance of any document does not relieve the Design Professional of its obligation to deliver completely and accurately, all documents necessary for the successful completion of the project per the requirements in the Authorization to Proceed.
- 1.1.9. Design Professional agrees, for both itself and all of its consultants and sub-consultants, to comply with Owner's rules and regulations with respect to safety and security at the Owner's facilities.
- 1.1.10. Design Professional expressly acknowledges and agrees that it is responsible for complying with all rules and regulations of the Jessica Lunsford Act. Further, Design Professional shall comply with any rules or regulations implemented by the Owner in order to comply with the Jessica Lunsford Act.
- 1.1.11. The Design Professional endeavors to ensure that no person or consultant will be assigned to work on any work pursuant to this contract that poses any threat or risk of harm to the health, safety or welfare of any student, employee, guest, vendor or property of the Owner.
- 1.1.12. The Owner may have one or more representatives visiting the site of the Project from time to time, or on a full-time basis, and the Design Professional shall not interfere with the functions of said representatives and will cooperate and work with said representatives. No action or failure to act by a representative shall relieve the Design Professional from any of its duties or obligations hereunder.
- 1.1.13. Design Professional shall be responsible for reviewing all geological reports provided by the Owner with respect to the Project. The Design Professional's design documents shall be consistent and coordinated with the information set forth in all such geological reports. In the event the Design Professional has any questions or concerns about the contents of any such reports, the Design Professional shall notify the Owner in writing within 14 days of the Design Professional's receipt of any such geological reports. The Design Professional and Owner will attempt to mutually resolve any such questions or concerns.
- 1.1.14. The Design Professional shall immediately inform the Owner's Project or Program Manager of concerns or issues which become known to the Design Professional during the performance of this Agreement.

PART 1 – ARTICLE 2 – Services by Design Professional's Consultants

- 1.2.1 Nothing in this Agreement shall create any contractual relationship between the Owner and the Consultants or Sub-consultants except as specifically noted herein.
- 1.2.2 The Design Professional is at all times liable for any and all negligent acts of omission or commission of its Consultants relating to or regarding this Agreement or the Project which is the subject of this Agreement.

- 1.2.3 The employment of, contract with, or use of the services of any other person or firm by the Design Professional, as independent consultant or otherwise, shall be subject to the prior written approval of the Owner.
- 1.2.4 All of the Design Professional Contracts with the Design Professional Consultants shall be in writing, signed by both parties and shall include the following provision:
 - 1.2.4.1 The Owner shall be recognized as a third-party beneficiary of this Agreement. Should the Owner terminate this Agreement with the Design Professional, the Design Professional shall, upon the Owner's request, obtain assignment of the Consultant's agreement(s) with the Design Professional as elected by the Owner.
 - 1.2.4.2 Each of the Design Professional agreements with a Consultant shall specifically provide that the Owner shall only be responsible to the Consultant for those obligations of the Design Professional that accrue subsequent to the Owner's exercise of its right to take an assignment of such agreement.
 - 1.2.4.2.1 Nothing in the Contract Documents will create a contractual relationship between the Owner and the Consultants unless the Owner elects to accept contingent assignment of the agreement as provided herein.
 - 1.2.4.2.2 In this event, the Consultants shall resolve all disputes involving the Owner in the same manner as provided to the Design Professional in Part 5 Article 6.
- 1.2.5 Design Professional shall not change any Consultant without prior approval by the Owner.
- 1.2.6 All Owner communication and direction will be to the Design Professional. The Owner will not provide direction directly to the Design Professional's Consultants.
- 1.2.7 The Design Professional, not later than five (5) calendar days after the fully executed date of this Agreement, shall re-submit RFQ Attachment B, a finalized list of contact information for Consultants and sub-consultants. For continuing contracts, with each ATP the Design Professional shall update this listing within 10 calendar days of the ATP date.

PART 1 – ARTICLE 3 – Basic Services

1.3.1 Continuing Contracts

1.3.1.1 **NOTE:** For Continuing Contract Agreements, not all assignments will require all components of the Basic Services and as outlined in the Phasing Sequences and Requirements Document (Attachment 2), and as outlined below. The Design Professional shall determine design and construction documentation steps needed for each assignment based on the scope of the assignment, following any particulars defined in the scoping documents. Any questions shall be directed to the Owner's Representative for clarification/resolution and direction.

1.3.2 All Contract types (Including Continuing Contracts)

1.3.2.1 Provide complete professional architectural, engineering and/or other professional design services utilizing all necessary personnel, equipment and materials to perform the service Phases as defined by the requirements of the ATP.

- 1.3.2.2 Complete those design services in accordance with the Project Development Schedule as developed by the Design Professional from the Owners original schedule and finalized with Owner concurrence. See Attachment 3 for Owner's original sample schedule.
 - 1.3.2.3 Participate in the Value Engineering reviews at the end of schematic Design and Design Development phases.
 - 1.3.2.3.1 Design Professional shall integrate Owner's accepted Value Engineering proposals into the documents. If the VE proposals require substantial revisions as determined by the Owner, then these revisions will be considered Supplemental Services (see Attachment 7).
 - 1.3.2.4 Participate in the Constructability Reviews at the end of the Construction Documentation phase.
 - 1.3.2.4.1 Design Professional shall integrate the Owner's accepted constructability review proposals into the documents. If the Constructability Review proposals require substantial revisions as determined by the Owner, then these revisions will be considered Supplemental Services (see Attachment 7).
 - 1.3.2.5 Participate in all meetings where the content of the design and construction documents will be coordinated and reconciled, as scheduled during any phase of the project.
 - 1.3.2.6 Provide Statement of Probable Construction Costs at the times as identified in the Basic Phasing Document (Attachment 2).
 - 1.3.2.7 Provide a Permitting Plan utilizing the sample tracking format as found in Attachment 4.
 - 1.3.2.8 The Design Professional shall attend project design review meetings as required for the Project with representatives of the Design Professional's Consultants throughout the design process, reviewing project budget, scheduling, scope, Consultant's development and progress, and any special issues related to the continuing progress of the project. The Design Professional shall provide meeting minutes, sketches and other documents as needed to illustrate progress and for the resolution of discussed issues requiring the Owner's review, comments, input or direction.
 - 1.3.2.9 The Design Professional shall attend the project construction meetings as required for the project for the construction phases. The Design Professional shall provide Meeting Minute Commentaries for all noted design related and constructability related issues for resolution as well as for new issues presented in the meeting.
 - 1.3.2.10 The Design Professional will immediately investigate any non-conforming or suspect in place work or document issue that is brought to his attention by others or is discovered by the Design Team's site visits. The Design Professional shall provide written recommendations to the Owner for these types of issues for review and Owner direction. Note that the Contractor shall be required to document all questions in the Request for Information format (RFI).
 - 1.3.2.11 The Design Professional shall identify inappropriate plan review rejections, including category, in writing to the Owner within 5 days of receipt.
- 1.3.3 Standard of Care
- 1.3.3.1 The Owner's engagement of the Design Professional is based upon the Design Professional's representations to the Owner that:
 - 1.3.3.2 It is an organization of experienced design professionals, licensed to do business in Florida.
 - 1.3.3.3 It is qualified, willing and able to perform the professional design services for the project.
 - 1.3.3.4 It has past experience and ability to provide the professional design services for projects of similar size, and scope.

1.3.3.5 The Design Professional shall perform its services consistent with the professional skill and care ordinarily provided by design professionals in the same or similar locality under the same or similar circumstances.

1.3.3.6 The Design Professional shall perform its services consistent with professional skill and the industries standard of care, throughout the orderly progress of the Project.

1.3.4 Approval of Documents

1.3.4.1 The Owner's acceptance of any document does not relieve the Design Professional of its obligation to deliver, complete and accurate, all documents necessary for the successful completion of the project per the requirements in the Authorization to Proceed and shall not be deemed to have the required approval of any authority having jurisdictional review over the project or portions of the project.

PART 1 – ARTICLE 4 – Maintenance of Records

1.4.1. Design Professional shall keep all records and supporting documentation which concern or reflect its Services hereunder. The records and documentation shall be retained by the Design Professional for seven (7) years from the completion date of the project associated with the Authorization to Proceed, or such period of time as required by law. The Owner, or any duly authorized agents or representatives of the Owner, shall have the right to inspect and copy all such records and documentation as often as they deem necessary during the period of this Agreement and during the period noted above in which the records are to be retained. Such activity shall be conducted at the reasonable convenience of the Design Professional.

PART 1 – ARTICLE 5 – Contract Process / Procedures

1.5.1. Continuing Contracts

1.5.1.1. The purpose of the project start review is to discuss pending options (if any) for the proposed projects, to establish focus for the design or the design criteria, the project's scheduling needs and the proposed delivery method, seeking the opinion and advice of the Design Professional.

1.5.1.2. With Continuing Contracts, preliminary project information will be provided to the Design Professional along with a bullet point agenda of discussion items for review prior to a project start review meeting or conference call. Pending the proposed project scope, the Design Professional's Consultants may be requested for this discussion.

1.5.1.3. If necessary, an action plan will be formulated as a result of this project start up review. In some cases an Authorization to Proceed with programming or other special analysis services may be issued as precursors to the start of design.

1.5.1.4. When action items have been clearly identified or resolved, the Owner and the Design Professional shall confirm scheduling, any special terms, considerations, the Project construction budget and the Design Professional fee. The design fee to be based upon the Fee Chart and other information as shown in Attachment 6 and then an Authorization to Proceed shall be issued.

1.5.1.5. It is mutually understood and agreed that the nature, amount and frequency of the Continuing Contract Services shall be determined solely by Owner and that the Owner does not represent or guarantee the Design Professional any specific amount of Services will be requested of or required of the Design Professional under this Agreement.

1.5.2. All Contracts (including the Continuing Contract type)

- 1.5.2.1. Services to be provided by the Design Professional shall be in accordance with the Authorization to Proceed, all codes, standards and is permissible. Design Professional shall not provide any Services to the Owner unless they are in receipt of a fully executed Authorization to Proceed. Any Services provided by the Design Professional without a written Authorization to Proceed shall be at the Design Professional's own risk.
- 1.5.2.2. Upon receipt by the Design Professional of the fully executed ATP and a Purchase Order, he agrees to promptly provide the Services required in accordance with the terms of this Agreement.
- 1.5.2.3. The Design Professional shall have no authority to act as the agent of the Owner or to obligate the Owner in any manner whatsoever.
- 1.5.2.4. Each Project, and/or design scope change shall require an Authorization to Proceed.

PART 2 – DESIGN PROFESSIONAL’S COMPENSATION

PART 2 - ARTICLE 1 - Payment

- 2.1.1. Compensation and the manner of payment of such compensation by the Owner for Services rendered shall be as prescribed in each Authorization to Proceed. The Design Professional agrees to furnish to the Owner, by the 15th day of the following month being invoiced for, or as specified in the Authorization to Proceed, a comprehensive and itemized invoice of charges for the Services performed by the Design Professional during that time period, and for any Owner authorized reimbursable expenses incurred and/or paid by the Design Professional during that time period. The monthly invoice shall be in the Owners format. All such statements shall indicate the Purchase Order Number, a copy of the Authorization to Proceed, and Project Site description (School/Project Name). See Attachment 5.
- 2.1.2. The Design Professional’s Service compensation fee shall be an agreed percentage, and shall be based upon the awarded contract amount. The percentage shall be based on the scale as shown on Attachment 6 with the amount identified in the Authorization to Proceed. Fees will be adjusted with project scope changes and construction cost increases approved by the Owner. The Owner provided Project construction cost budget includes all components of the Project and is the fixed dollar limit of the Project unless modified by the Owner.
- 2.1.3. Supplemental Services
 - 2.1.3.1. Refer to Attachment 7 for a listing of potential supplemental services.
- 2.1.4. Payment Process and Requirements
 - 2.1.4.1. The Design Professional shall submit invoices in the Owner's required invoice format as shown in Attachment 5.
 - 2.1.4.2. All Submitted invoices shall attach copies of all referenced ATPs.
 - 2.1.4.3. Design Professional shall submit a monthly MWBE Sub-Consultant Utilization Report with the monthly request for payment, on forms provided by the Owner. Refer to Attachment 10 for mailing address for this document.
 - 2.1.4.4. Updated Project Schedule reflecting the Design Professional's scheduled and actual progress with each submitted invoice. (for continuing contracts refer to the ATP documents for scheduling requirements)
 - 2.1.4.5. Payments are due and payable thirty (30) days from receipt of the Design Professional's invoice provided it is accurate and in accord with the requirements of this Agreement.

2.1.4.6. Progress payments to the Design Professional may be withheld if documents required by this agreement have not been provided and accepted by the Owner.

2.1.5. Site Adapt Projects – (New Schools)

2.1.5.1. It is understood that all School Board of Broward County Professional Service Agreements for design and other services include the provision for the Owner's optional re-use of drawings, specifications and other documents, and that the Design Professional agrees to such reuse in accordance with this provision.

2.1.5.2. For each site adapt project reuse the Design Professional shall review the final as-built design of any prior reuse or reuses and shall include all Basic Services rendered under the reuse and incorporate all modifications to the drawings, specifications and other documents resulting from Change-Orders, clarifications provided, Code Inspection corrections made during the prior reuse(s), and modifications normally required to suit the new site. The Owner will provide this information.

2.1.5.3. The Site Adapt Fee shall be 30% less than the fee chart for non-adapted design as shown on Attachment 6.

2.1.5.3.1. This does not include preparation of reverse plans, or code revisions if applicable. Substantially differing site conditions will be negotiated.

2.1.5.3.2. Site Adapt Fees Structure does not apply to Continuing Contracts.

PART 2 - ARTICLE 2 - Reimbursable Expenses

2.2.1 The Owner agrees to reimburse the Design Professional for all necessary and reasonable reimbursable expenses incurred or paid by the Design Professional in connection with the Design Professional's performance of the Services at its direct cost with no markup to the extent such reimbursement is permitted in the Authorization to Proceed. For the purposes hereof, the term "reimbursable expenses" shall be deemed to include the following:

2.2.1.1 All necessary fees paid by the Design Professional to governmental authorities having jurisdiction over any Project specified in an Authorization to Proceed as needed for securing required approval of the Project or any part thereof.

2.2.1.2 Travel expenses incurred or paid by the Design Professional for necessary travel by any principal or employee of the Design Professional outside of Broward County, Florida, in connection with the performance of the Services. Such travel expenses are to be limited to the amounts established by Florida law for travel by employees of Owner (Refer to Florida Statutes chapter 112.061).

2.2.1.3 The direct cost to the Design Professional for copying/reproduction of plans and other documents required in connection with any Project specified in the Authorization to Proceed.

2.2.2 The Design Professional shall obtain the prior written approval of the Owner before incurring any of the aforesaid reimbursable expenses, and absent such prior approval, will be deemed non-reimbursable.

2.2.3 Engineering or Inspection type of Services or exploratory work are not considered as reimbursable type expenses. These types of services are considered as supplemental, additional services.

PART 2 - ARTICLE 3 - Waiver of Claims

2.3.1 Waiver of Claims

2.3.1.1. The Design Professional's acceptance of final payment for Services provided under any Authorization to Proceed shall constitute a full waiver of any and all claims by it against the Owner arising out of the Authorization to Proceed or otherwise related to those Services, except those previously made in writing and identified by the Design Professional as unsettled at the time of the payment. Neither the acceptance of the Design Professional's Services nor payment by the Owner shall be deemed to be a waiver of any of the Owner's rights under this agreement, against the Design Professional.

PART 3 – CONTRACT TIME

PART 3 – ARTICLE 1 – Contract Time

- 3.1.1. All references to time in this contract refers to calendar days.
- 3.1.2. Time is of the essence.
- 3.1.3. Unless otherwise expressly provided for in the Authorization to Proceed: Prior to or within ten (10) days of receiving a written Authorization to Proceed by the Owner to perform the Services, the Design Professional agrees to submit, review and finalize with the Owner, a computer generated schedule outlining the performance of the identified Design Services. The Design Services shall be commenced, performed and completed in accordance with the Authorization to Proceed and the approved Schedule. Time is of the essence with respect to the performance of this Agreement. Refer to Attachment 3 for required schedule format.
- 3.1.4. Should the Design Professional be obstructed or delayed in the prosecution or completion of its services as a result of unforeseeable causes beyond the control of the Design Professional, then the Design Professional shall notify Owner in writing within five (5) calendar days after commencement of such delay, stating the cause or causes thereof. Failure to provide such notice timely will result in the Design Professional rights to a possible time extension being waived. Unforeseeable causes include, but are not restricted to: Acts of God or of public enemy, fire, floods, epidemics, quarantine regulations, strikes or lock-outs, acts of government or Owner Delays.
- 3.1.5. Unless otherwise expressly provided for in the Authorization to Proceed, interruptions, interferences, inefficiencies, suspension or delay in the commencement or progress of the Design Professional's Services from any cause whatsoever, shall not relieve the Design Professional of its duty to perform. If the Design Professional is delayed by items listed above, the Design Professional's remedy will be the right to seek an extension of time to its Schedule and to documented delay costs. If through no fault and neglect of the Design Professional, the services to be provided hereunder have been delayed for a total of six months, the Design Professional's compensation shall be reasonably negotiated accordingly, with respect to those services that have not yet been performed.
- 3.1.6. Should the Design Professional fail to commence, provide, perform or complete any of the Services to be provided hereunder in a timely manner, in addition to any other rights or remedies available to the Owner hereunder, the Owner may withhold any payments due and owing to the Design Professional related to the

delay until such time as the Design Professional provides a satisfactory Recovery Schedule and resumes performance of its obligations hereunder in such a manner so as to establish to the Owner's satisfaction that the Design Professional's performance is or will shortly be back on schedule.

PART 3 - ARTICLE 2 - Contract Duration

3.2.1 For Continuing Contracts Only

3.2.1.1 Notwithstanding anything herein to the contrary, after the initial Contract Term, this Agreement shall be subject to annual renewal by the Owner at its sole discretion. The Owner shall send written notice thereof to the Design Professional at least ten (10) days prior to the annual anniversary date of the Agreement advising in regards to its renewal. If the Owner fails to send said written nonrenewal notice as herein provided, Owner shall be deemed to have elected to renew this Agreement. In the event the Owner sends a written nonrenewal notice, the Owner shall designate therein as to how any Services under any still outstanding Authorization to Proceed are to be handled, which directions may provide for either the termination or continued performance of any such Services. If the Owner directs the Design Professional to continue to perform any such Services, the Design Professional shall continue performance of such Services in accordance with the Owner's directions and this Agreement and the applicable Authorizations to Proceed.

3.2.2 For all other Contract Types

3.2.2.1 The Term of this Agreement shall start upon its execution by the parties hereto and shall extend through completion of the one year warranty period, except as may be otherwise agreed to in writing.

3.2.3 Time Extensions: A reasonable extension of time for completion of various Phases may be granted by the Owner should there be a delay on the part of the Owner in fulfilling its obligations under this Agreement.

PART 4 – OWNER'S RESPONSIBILITIES

PART 4 – ARTICLE – 1 - Miscellaneous

4.1.1 For each Authorization to Proceed, the Owner shall designate in writing the Project Manager to act as the Owner's representative with respect to the Services to be rendered under the Authorization to Proceed.

4.1.1.1. The Project Manager shall have authority to transmit instructions, receive information, interpret and define the Owner's decisions with respect to the Design Professional's Services under the Authorization to Proceed.

4.1.1.2. The Project Manager is not authorized to issue any verbal or written orders or instructions to the Design Professional that would have the effect, or be interpreted to have the effect, of modifying or changing in any way whatsoever the:

4.1.1.2.1. The Scope of Services to be provided and performed by the Design Professional as set forth in the Authorization to Proceed.

4.1.1.2.2. The time the Design Professional is obligated to complete all such Services as set forth in the Authorization to Proceed or in the Project Development Schedule submitted and approved pursuant to this Agreement.

4.1.1.2.3. The amount of compensation the Owner is obligated or committed to pay the Design Professional as set forth in the Authorization to Proceed.

- 4.1.1.2.4. Any additional services or change in Project scope or time shall be issued in an Authorization to Proceed prior to the starting of a new service activity.
- 4.1.2. The Owner shall consult with the Design Professional and provide the Owner's contemplated design objectives, general scope of work and budget constraints and criteria, including educational specification, facilities lists, any special or specific space requirements and relationships, flexibility and expandability requirements, special equipment and site requirements that are reasonably necessary for the Design Professional to perform its services.
- 4.1.3. As applicable and when required, the Owner shall furnish a legal description and a certified land survey of the Site. The Owner shall supply the certified land survey in hardcopy and electronic media formats. The certified land survey shall provide boundary dimensions, locations of any existing structures and trees, the grade and line of street, pavement and adjoining properties, the rights, restrictions, easements, boundaries, topographic data and information relative to sewer, water, gas and electrical services.
- 4.1.4. As applicable and when required, the Owner shall furnish third party test reports such as those from soils engineers or other consultants. These may include: test borings, test pits, soil bearing values, percolation tests, air and water pollution tests, ground corrosion and resistivity tests, including necessary operations for determining subsoil, air and water conditions, tests for hazardous materials, chemical, mechanical, structural or other tests with reports and appropriate professional recommendations. This Owner provided technical information may be relied upon by the Design Professional. Any issues or concerns with the provided information shall be brought to the Owners attention in writing prior to the use of the provided information.
- 4.1.5. The Owner shall furnish a Construction Budget which is the portion of the Project Budget allocated for the entire cost of the project (including design fees, construction, FF&E, owner contingencies, etc.).
- 4.1.6. The Owner, for existing facilities and where available, shall provide as-built and other documents from the time of the original construction of the Facility. These documents however are not warranted to represent the current existing conditions. The Design Professional shall perform non-destructive field investigations as necessary to obtain sufficient information to perform services. If necessary destructive testing can be performed with the Owner's prior approval. Demolition and repairs associated with destructive testing shall be compensated as a supplemental service. The Owner does encourage the use of destructive test techniques to retrieve accurate information that can be utilized by the Design Professional to clearly indicate the existing conditions and incorporated the information into the Contract Documents.
- 4.1.7. The Owner shall electronically furnish the Bidding Requirements, Contracting Requirements, and Division 1 Specification Sections that will be integrated into the Bid Package prepared by the Design Professional at the appropriate stage.
- 4.1.8. The Owner shall arrange and pay for the required advertisements for bids.
- 4.1.9. The Design Professional, when directed by the Owner, will issue electronic documents to the selected printing companies from whom the bidders will purchase the Bid documents. The Design Professional will develop, review with the Owner and then produce and issue to the Owner for distribution any addenda as required.

4.1.10. The Owner shall arrange for access to and make all provisions for the Design Professional to enter the site set forth in the Authorization to Proceed to perform the Services to be provided by the Design Professional under this Agreement. The Design Professional acknowledges that such access may be provided during times that are not the normal business hours of the Design Professional.

4.1.11. Wherever the terms of this Agreement refer to an action, consent, or approval to be provided by the Owner or some notice, report or document is to be provided to the Owner, such reference to "Owner" shall mean Owner's designee, unless otherwise stated.

PART 5 – TERMS AND CONDITIONS

PART 5 – ARTICLE 1 – Miscellaneous

5.1.1. Unless the content of the Agreement otherwise clearly states, references to the plural include the singular, the term "including" is not limiting and the terms "hereof," "herein," "hereunder" and similar terms in this Agreement refer to this Agreement as a whole and not to any particular provision of this Agreement.

5.1.2 The use of gender in this agreement is inter-changeable for both male and female in all instances.

PART 5 – ARTICLE 2 – Liability

5.2.1 This section shall survive the termination of all performance or obligations under this Agreement and shall be fully binding until such time as any proceeding brought on account of this Agreement is barred by any applicable statute of limitations.

- A. By SRRC: SBBC agrees to be fully responsible up to the limits of Section 768.28, Florida Statutes, for its acts of negligence or its employees' acts of negligence when acting within the scope of their employment and agrees to be liable for any damages resulting from said negligence.
- B. By Design Professional: Design Professional agrees to indemnify and hold harmless and defend SBBC, its servants and employees from any and all claims, judgments, costs, and expenses including, but not limited to, reasonable attorney's fees, reasonable investigative and discovery costs, court costs and all other sums which SBBC, its servants and employees may pay or become obligated to pay on account of any claim or action founded thereon, arising or to have arisen out of the products, or services furnished by Design Professional, its consultants, or employees; the Design Professional, its consultants or employees while on premises owned or controlled by SBBC; or the negligence of Design Professional or the negligence of Design Professional's agents when acting within the scope of their employment, whether such claims, judgments, costs and expenses be for damages, damage to property including SBBC's property, and injury or death of any person whether employed by Design Professional, SBBC or otherwise.

PART 5 – ARTICLE 3 – Insurance

5.3.1. During the term of this Agreement the Design Professional shall provide, pay for, and maintain, with companies satisfactory to the Owner, the types of insurance described herein.

5.3.2. The Authorization to Proceed shall not be issued until the Insurance Certificates have been submitted and reviewed and accepted by the Owner.

- 5.3.3. All insurance shall be with companies duly authorized to do business in the State of Florida.
- 5.3.4. Certificates and policies shall contain provisions that thirty (30) days written notice by registered or certified mail shall be given to the Owner of any cancellation, intent not to renew.
- 5.3.5. The Design Professional shall also notify the Owner, in a like manner and within twenty-four (24) hours after receipt, of any notices of expiration, cancellation, non-renewal or material change in coverage or limits received by the Design Professional from its insurer, and nothing contained herein shall relieve the Design Professional of this requirement to provide notice.
- 5.3.6. All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida. All insurance companies providing policies required under this Agreement shall have an "A"-rating and a financial rating of no less than VI in the current A.M. Best Manual OR hold a Moody's Investors Service Financial Strength of "Aa3" or better (See additional requirements in Section 8.1.5 of this Article).
- 5.3.7. All insurance policies required under this Agreement (except Professional Liability Insurance) shall be endorsed to be primary of all other valid and collectable coverages maintained by the Owner. The Owner shall be named as an additional insured under the General Liability policy.
- 5.3.8 All insurance policies required by this Agreement shall include the following provisions and conditions by their endorsement to the policies.
- 5.3.8.1 The term "The School Board of Broward County, Florida" shall include the Broward County School Board, a body corporate, the Broward County Public School System and all Authorities, Boards, Bureaus, Commissions, Divisions, Departments and offices thereof and individual members and employees thereof in their official capacity, and/or while acting on behalf of the Broward County School Board.
- 5.3.8.2 All insurance policies, other than the Professional Liability policy and the Workers Compensation policy, provided by the Design Professional to meet the requirements of this Agreement shall name The School Board of Broward County, Florida, as that name is defined in subparagraph 11.4.1, above, as an additional insured as to the operations of Design Professional under the Contract Documents and shall contain a severability of interests provisions.
- 5.3.9 The Certificates of Insurance, which are to be provided pursuant to paragraph above, must identify the specific project name, as well as the site location and address.
- 5.3.10 All insurance policies (except Professional Liability Insurance) to be provided by the Design Professional pursuant to the terms hereof must expressly state that the insurance company will accept service of process in Broward County, Florida and that the exclusive venue for any action concerning any matter under those policies shall be in the appropriate state court situated in Broward County, Florida
- 5.3.11 Design Professional, its Consultants and the Owner shall waive all rights against each other for damages covered by insurance to the extent insurance proceeds are paid and received by the Owner, except such rights as they may have to the proceeds of such insurance held by any of them.
- 5.3.12 The amounts and types of insurance shall conform to the minimum requirements listed below with the use of Insurance Services Office (ISO) forms and endorsements or broader where applicable. If Design Professional has any self-insured retentions or deductibles under any of the below listed minimum required coverages, Design Professional must identify on the Certificate of Insurance the nature and amount of such self-insured

retentions or deductibles and provide satisfactory evidence of financial responsibility for such obligations. All self-insured retentions or deductibles will be Design Professional's sole responsibility.

5.3.12.1 Worker's Compensation and Employers Liability Insurance

5.3.12.1.1 Shall be maintained by Design Professional during the term of this Agreement for all employees engaged in the work under this Agreement in accordance with the laws of the State of Florida. The amount of such insurance shall not be less than:

Workers' Compensation: Florida Statutory Requirements

Employers Liability: \$500,000.00 Limit Each Accident
 \$500,000.00 Limit Disease Aggregate
 \$500,000.00 Limit Disease Each Employee

5.3.12.1.2 The insurance company shall waive its Rights of Subrogation against Owner.

5.3.12.2 Commercial General Liability Insurance

5.3.12.2.1 Shall be written on an "occurrence" basis, and shall be maintained by Design Professional. Coverage, as provided by 1986 (or later) ISO commercial general liability form, shall include, but not be limited to, Bodily Injury, Contractual for this Agreement, Independent Contractors, Broad Form Property Damage, Personal Injury and Fire Legal Liability Coverage's. If Design Professional provides any construction work, it must also include Products & Completed Operations, with the Completed Operations Coverage maintained for this Project for not less than five (5) years following completion and acceptance by Owner. Limits of coverage shall not be less than the following for Bodily Injury, including Death, Property Damage and Personal Injury Combined Single Limits:

General Aggregate	\$ 2,000,000.00
Products – Completed Operations Aggregate	\$ 2,000,000.00
Personal and Advertising Injury	\$ 1,000,000.00
Each Occurrence	\$ 1,000,000.00
Fire Damage (Any One Fire)	\$50,000.00
Medical Expenses per Person	\$5,000.00
Site Contract Specific Project Aggregate Limits	\$ same as above

5.3.12.2.2 The aggregate limits shall be separately applicable to this Project through the use of an endorsement approved by Owner. Applicable deductibles or self-insured retention, not to exceed \$50,000.00, shall be the sole responsibility of Design Professional.

5.3.12.3 Automobile Liability Insurance

5.3.12.3.1 Shall be maintained by Design Professional as to Ownership, maintenance, and use, including loading and unloading, of all owned, non-owned, leased or hired vehicles with limits of not less than:

Bodily Injury, including	\$1,000,000.00 Combined Single
Death & Property Damage	Limit Each Accident
Liability	

5.3.12.4 Umbrella Liability Insurance or Excess Liability Insurance

5.3.12.4.1 Shall not be less than \$1,000,000.00 each occurrence and aggregate. Coverage shall be excess of the Employers Liability, Commercial General Liability and Automobile Liability coverages required herein and shall include all coverages on a "following form" basis. Coverage shall drop down as primary on the exhaustion of any aggregate limit. The aggregate limits shall

apply separately to this Project, and the specific project aggregate limits shall be evidenced by the use of an endorsement approved by Owner.

5.3.12.5 Professional Liability Insurance

5.3.12.5.1 Shall be maintained by the Design Professional insuring its legal liability arising out of the negligent performance of professional services under this Agreement. Such insurance shall have the following limits:

5.3.12.5.1.1 Projects require a practice policy with a per claim/annual aggregate in accordance with the specifications delineated below relative to the cumulative construction value of all projects:

- A. One Million (\$1,000,000) Dollars on a per claim/One Million (\$1,000,000) Dollars annual aggregate basis for Project Consultants whose cumulative construction value for all Board contracts is less than Five Million (\$5,000,000) Dollars.
- B. One Million (\$1,000,000) Dollars on a per claim/Three Million (\$3,000,000) Dollars annual aggregate basis for Project Consultants whose cumulative construction value for all Board contracts is between Five Million One (\$5,000,001) Dollars to Ten Million (\$10,000,000) Dollars.
- C. One Million (\$1,000,000) Dollars on a per claim/Five Million (\$5,000,000) Dollars annual aggregate basis for Project Consultants whose cumulative construction value for all Board contracts is greater than Ten Million One (\$10,000,001) Dollars.

5.3.12.5.2 The Design Professional waives its right of recovery against the Owner as to any claims under this insurance. Any deductible or self-insured retention applicable to any claim shall be the sole responsibility of the Design Professional and shall not be greater than \$50,000.00 each claim. The Design Professional must continue this coverage for a period of not less than five (5) years after the completion of its services to the Owner. The policy retroactive date will always be prior to the date services were first performed by the Design Professional for the Owner, and the date will not be moved forward during the term of this Agreement and for 5 years thereafter. The Design Professional shall promptly submit Certificates of Insurance providing for an unqualified written notice to the Owner of any cancellation of coverage or reduction in limits, other than the application of the aggregate limits provision. In addition, as provided in paragraph 9.1 of this Agreement, the Design Professional shall also notify the Owner by certified mail, within twenty-four (24) hours after receipt, of any notices of expiration, cancellation, non-renewal or material change in coverages or limits received by the Design Professional from its insurer. In the event of more than a twenty percent (20%) reduction in the aggregate limit of any policy, the Design Professional shall immediately take steps to have the aggregate limit reinstated to the full extent permitted under such policy. The Design Professional shall promptly submit a certified, true copy of the policy and any endorsements issued or to be issued on the policy if requested by Owner.

5.3.12.6 Valuable Papers

5.3.12.6.1 The Design Professional shall purchase valuable papers and records coverage for plans, specifications, drawings, reports, maps, books, blueprints, and other printed documents in an amount sufficient to cover the cost of recreating or reconstructing valuable papers or records utilized during the term of this Agreement.

- 5.3.13 The Design Professional agrees to provide the following information when requested by the Owner:
- 5.3.13.1 Current policy limits.
 - 5.3.13.2 Current deductibles/self-insured retention.

PART 5 – ARTICLE 4 – Applicable Law

- 5.4.1. Unless otherwise specified, this Agreement shall be governed by the laws, rules, and regulations of the State of Florida, and by the laws, rules, and regulations of the United States when providing Services funded by the United States government.
- 5.4.2. Any litigation between the parties hereto, whether arising out of any claim or arising out of this Agreement or any breach thereof, shall be brought forward, in the appropriate State courts of the State of Florida's Judicial Circuit in and for Broward County, Florida.

PART 5 – ARTICLE 5 – Equal Employment Opportunity/Nondiscrimination/MWBE/LDB

- 5.5.1 The parties agree that no person shall be subjected to discrimination because of age, race, color, disability, gender identity, gender expression marital status, national origin, religion, sex or sexual orientation in the performance of the parties' respective duties, responsibilities and obligations under this Agreement.
- 5.5.2 The Design Professional shall comply with the Owner's current M/WBE policies and procedures. The Design Professional's M/WBE goal for this Contract is 25 percent. The Design Professional shall submit the form attached as Attachment 10, a monthly report to the Supplier Diversity and Outreach Program concerning the status of all payments owed and paid by the Design Professional to its various M/WBE consultants.

PART 5 – ARTICLE 6 – Dispute Resolution

- 5.6.1. Prior to the initiation of any action or proceeding permitted by this Agreement to resolve disputes between the parties, the parties shall make a good faith effort to resolve any such disputes by negotiation. The negotiation shall be attended by representatives of the Design Professional with full decision-making authority and by the Owner's staff person who would make the presentation of any settlement reached during negotiations to the Owner's board for approval. Failing resolution, and prior to the commencement of depositions in any litigation between the parties arising out of this Agreement, the parties shall attempt to resolve the dispute through Mediation before an agreed-upon Circuit Court Mediator certified by the State of Florida. The mediation shall be attended by representatives of the Design Professional with full decision-making authority and by the Owner's staff person with full decision-making authority to reach a settlement. Should either party fail to submit to mediation as required hereunder, the other party may obtain a court order requiring mediation under Florida Statutes section 44.102.

PART 5 – ARTICLE 7 – Securing Agreement/Public Entity Crimes

- 5.7.1. The Design Professional warrants that the Design Professional has not employed or retained any company or person, other than a bona fide employee working solely for the Design Professional, to solicit or secure this Agreement and that the Design Professional has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for the Design Professional,

any fee, commission, percentage, gift or any other consideration contingent upon or resulting from the award or making of this Agreement.

5.7.2. By its execution of this Agreement, the Design Professional acknowledges that it has been informed by the Owner of the terms of Section 287.133(2)(a) of the Florida Statutes which read as follows:

"A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with the public entity for the construction or repair of a public building or public work, may not submit bids, proposals, or replies on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list."

PART 5 – ARTICLE 8 – Ownership and License of Documents and Intellectual Property

5.8.1. All records, documents, drawings, notes, tracings, plans, computer aided design (CAD) files, specifications, maps, models, presentations, evaluations, reports and other technical data, and schematics prepared or developed by the Design Professional, or otherwise provided to the Owner, pursuant to this Agreement shall be Project Specific Documents. To the extent they have any such rights, the Design Professional and its consultants shall retain all common law, statutory and other reserved rights, including copyrights, in the Project Documents.

5.8.2. The Design Professional shall obtain from each of the Design Professional's Consultants (jointly the Design Professional's Consultants) either an assignment from the Consultant to the Owner of all common law, statutory and other reserved rights, including copyrights and performance rights, in and to all Project Documents in which the Consultant has or may have such rights, or an unlimited, worldwide, perpetual, irrevocable, fully-paid-up license from the Design Professional's Consultants to the Owner, granting the Owner the right to reproduce, create derivatives of, distribute, and use all Project Documents in which the Design Professional's Consultant has or may have any rights.

5.8.3. The Design Professional and his Consultants shall grant, and hereby does grant, the Owner an unlimited, non-exclusive, license to reproduce, create derivatives of, distribute, perform, publish and otherwise use all Project Documents in which the Design Professional has or may have any rights.

5.8.3.1. As reasonably necessary for archival, safety, and disaster recovery purposes.

5.8.3.2. For submission or distribution, as the Owner reasonably determines is prudent or proper, to meet official regulatory requirements, or for similar purposes, in connection with this Project.

5.8.3.3. For constructing, completing, reconstructing, repairing, renovating, altering, adding to, maintaining, occupying, and otherwise using the Project.

5.8.3.4. For the planning, design, construction, reconstruction, repair, renovation, alteration, use, occupancy, and maintenance of other structures and projects all at the Owners own risk.

5.8.3.5. Design, commission, and create architectural works that are derivatives of or substantially similar to this Project or any architectural work portrayed in any version of any Project Document.

5.8.3.6. To use, reproduce, make derivatives of, publish, perform, distribute copies of, and otherwise use any architectural or other works created, authored, or provided by Design Professional or Design Professional's Consultants pursuant to this Agreement, for marketing, promotional, advertising, ordinary business, and educational purposes, in any medium.

5.8.3.7. The Design Professional hereby consents to any use of any and all Project Documents by any replacement Design Professionals, retained by the Owner; however, the Design Professional shall not be liable for any portion of the reuse project and the Owner agrees the reuse is at Owner's risk and to indemnify and hold Design Professional harmless from any liability in regards to the reuse Project.

PART 5 - ARTICLE 9 - Project Termination or Suspension

5.9.1 Continuing Contracts

5.9.1.1 If this Agreement is a "Continuing Contract" it is agreed that either party hereto shall at any and all times have the right and option to terminate this Agreement by giving to the other party not less than sixty (60) days prior written notice of such termination. Upon this Agreement being so terminated by either party hereto, neither party hereto shall have any further rights or obligations under this Agreement subsequent to the date of termination, except that Services specified to be performed under previously issued Authorizations to Proceed, shall proceed to completion under the terms of this Agreement.

5.9.2 All Contract types and Continuing Contracts

5.9.2.1 The Design Professional shall be considered in material default of this Agreement and such default will be considered cause for the Owner to terminate this Agreement and any Authorization to Proceed in effect, in whole or in part, as further set forth herein, for any of the following reasons:

- 5.9.2.1.1 Failure to begin work under the Agreement within the times specified under the Authorization to Proceed.
- 5.9.2.1.2 Failure to timely perform the Services to be provided hereunder or as directed by the Owner.
- 5.9.2.1.3 The bankruptcy or insolvency or a general assignment for the benefit of creditors by the Design Professional or by any of the Design Professional's principals, partners, officers or directors.
- 5.9.2.1.4 Failure to obey State education laws; ordinances; regulations; relative to the Contract.
- 5.9.2.1.5 Otherwise materially breaches this Agreement.

5.9.2.2 The Owner may so terminate this Agreement, in whole or in part, with or without cause, by giving the Design Professional five (5) calendar days written notice.

5.9.2.3 If, after notice of termination of this Agreement for cause, it is determined for any reason that the Design Professional was not in default, or that its default was excusable, or that the Owner otherwise was not entitled to the remedy against the Design Professional provided for, then the notice of termination given shall be deemed to be the notice of termination without cause and the Design Professional's remedies against the Owner shall be limited to that portion of the Design Professional's compensation earned through the date of termination, for any Authorization to Proceed so cancelled, together with and any costs reasonably incurred by the Design Professional that are directly attributable to the termination, but the Design Professional shall not be entitled

to any other or further recovery against the Owner, including, but not limited to, anticipated fees or profit on Services not required to be performed.

5.9.2.4 Upon termination, the Design Professional shall deliver to the Owner all papers, records, documents, Auto CAD files, drawings, calculations, models, and other materials in the Design Professional's possession or control arising out of or relating to this Agreement. Note that this is billable time.

5.9.2.5 The Owner shall have the authority to suspend all or any portions of the Services to be provided by the Design Professional hereunder upon giving the Design Professional five (5) calendar days prior written notice of such suspension. If all or any portion of the Services to be rendered hereunder are so suspended and then resumed, the Design Professional shall be granted an extension of time to resume the project and to perform the work and increased costs associated with the project restart will be required to be agreed upon.

PART 5 - ARTICLE 10 - Conditions

5.10.1 Compliance with Laws: Each party shall comply with all applicable federal and state laws, codes, rules and regulations in performing its duties, responsibilities and obligations pursuant to this Agreement.

5.10.2 Governing Law and Venue: This Agreement shall be interpreted and construed in accordance with and governed by the laws of the State of Florida. Any controversies or legal problems arising out of this Agreement and any action involving the enforcement or interpretation of any rights hereunder shall be submitted to the jurisdiction of the State courts of the Seventeenth Judicial Circuit of Broward County, Florida.

5.10.3 Entirety of Agreement: This document incorporates and includes all prior negotiations, correspondence, conversations, agreements and understandings applicable to the matters contained herein and the parties agree that there are no commitments, agreements or understandings concerning the subject matter of this Agreement that are not contained in this document. Accordingly, the parties agree that no deviation from the terms hereof shall be predicated upon any prior representations or agreements, whether oral or written.

5.10.4 Binding Effect: This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns.

5.10.5 Assignment: Neither this Agreement or any interest herein may be assigned, transferred or encumbered by any party without the prior written consent of the other party. There shall be no partial assignments of this Agreement including, without limitation, the partial assignment of any right to receive payments from SBBC.

5.10.6 Incorporation by Reference: Attachments and Exhibits attached hereto and referenced herein shall be deemed to be incorporated into this Agreement.

5.10.7 Severability: In the event that any one or more of the sections, paragraphs, sentences, clauses or provisions contained in this Agreement is held by a court of competent jurisdiction to be invalid, illegal, unlawful, unenforceable or void in any respect, such shall not affect the remaining portions of this Agreement and the same

shall remain in full force and effect as if such invalid, illegal, unlawful, unenforceable or void sections, paragraphs, sentences, clauses or provisions had never been included herein.

- 5.10.8 Preparation of Agreement: The parties acknowledge that they have sought and obtained whatever competent advice and counsel as was necessary for them to form a full and complete understanding of all rights and obligations herein and that the preparation of this Agreement has been their joint effort. The language agreed to herein express their mutual intent and the resulting document shall not, solely as a matter of judicial construction, be construed more severely against one of the parties than the other.
- 5.10.9 Amendments: No modification, amendment, or alteration in the terms or conditions contained herein shall be effective unless contained in a written document prepared with the same or similar formality as this Agreement and executed by each party hereto.
- 5.10.10 Waiver: The parties agree that each requirement, duty and obligation set forth herein is substantial and important to the formation of this Agreement and, therefore, is a material term hereof. Any party's failure to enforce any provision of this Agreement shall not be deemed a waiver of such provision or modification of this Agreement unless the waiver is in writing and signed by the party waiving such provision. A written waiver shall only be effective as to the specific instance for which it is obtained and shall not be deemed a continuing or future waiver.
- 5.10.11 Force Majeure: Neither party shall be obligated to perform any duty, requirement or obligation under this Agreement if such performance is prevented by fire, hurricane, earthquake, explosion, wars, sabotage, accident, flood, acts of God, strikes, or other labor disputes, riot or civil commotions, or by reason of any other matter or condition beyond the control of either party, and which cannot be overcome by reasonable diligence and without unusual expense ("Force Majeure"). In no event shall a lack of funds on the part of either party be deemed Force Majeure.
- 5.10.12 Survival: All representations and warranties made herein, indemnification obligations, obligations to reimburse SBBC, obligations to maintain and allow inspection and audit of records and property, obligations to maintain the confidentiality of records, reporting requirements, and obligations to return public funds shall survive the termination of this Agreement.
- 5.10.13 Contract Administration: SBBC has delegated authority to the Superintendent of Schools or his/her designee to take any actions necessary to implement and administer this Agreement. The Office of Facilities and Construction's assigned Project Manager is the Owner's Representative.
- 5.10.14 Conflict of Interest: The Design Professional represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance of Services required hereunder. The Design Professional endeavors to ensure that no persons having any conflicting interest shall be employed to perform any Services.

PART 5 - ARTICLE 11 - Notice Provisions

5.10.1 When any of the parties desire to give notice to the other, such notice must be in writing, sent by U.S. Mail, postage prepaid, addressed to the party for whom it is intended at the place last specified; the place for giving notice shall remain such until it is changed by written notice in compliance with the provisions of this paragraph. For the present, the Parties designate the following as the respective places for giving notice:

- To SBBC: Superintendent of Schools
The School Board of Broward County, Florida
600 Southeast Third Avenue
Fort Lauderdale, Florida 33301

- With a Copy to: Office of the Chief Facilities Officer
600 SE 3 Avenue
Fort Lauderdale, FL 33312
Attn: Leo Bobadilla
Chief Facilities Officer

- With a Copy to: Office of Facilities and Construction
3775 SW 16th St
Fort Lauderdale, FL 33312
Attn: Shelley N. Meloni
Director, Pre-Construction Office of Facilities and Construction

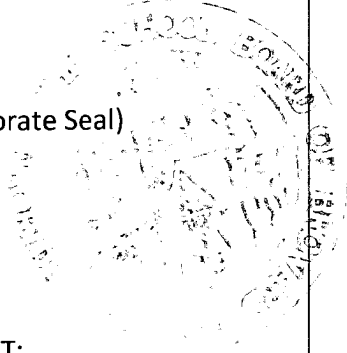
- To M.C. Harry and Associates, INC.: Craig Aquart, President
2780 S.W. Douglas Road, Suite 302 Miami, FL 33133

- With a Copy to: Heery International, Owners Representative
3897 NW 10th Ave., Oakland Park, FL 33309
Attn: Robert Corbin, Program Director/Vice President

END OF TERMS / CONDITION / REQUIREMENTS

IN WITNESS WHEREOF, the Parties hereto have made and executed this Agreement on the date first above written. Each person signing this Agreement on behalf of either party individually warrants that he or she has full legal power to execute this Agreement on behalf of the party for whom he or she is signing, and to bind and obligate such party with respect to all.

(Corporate Seal)



THE SCHOOL BOARD OF BROWARD
COUNTY, FLORIDA

By Abby M. Freedman
Dr. Rosalind Osgood, Chair *FN the chair*

ATTEST:

Robert W. Runcie

Robert W. Runcie, Superintendent of Schools

Approved as to Form and Legal Content:

M. Conroy
Office of the General Counsel

(Corporate Seal)

James Pierrot
James Pierrot, Secretary

M.C. Harry and Associates, INC.

By Craig Aquart
Craig Aquart, President

Witness

Witness

The Following Notarization is Required for Every Agreement Without Regard to Whether the Party Chose to Use a Secretary's Attestation or Two (2) Witnesses.

STATE OF Florida

COUNTY OF Miami Dade

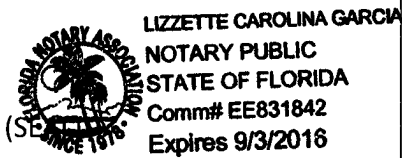
The foregoing instrument was acknowledged before me this 25 day of MAY, 2016 by Craig Aquart of

M.C. Harry and Associates, Inc, on behalf of the corporation/agency.

Name of Corporation or Agency

He/She is personally known to me or produced N/A as identification and did/did not first take an oath. Type of Identification

My Commission Expires: 9/3/2016



Signature – Notary Public
Lizzette Carolina Garcia

Printed Name of Notary
LIZZETTE CAROLINA GARCIA

Notary's Commission No. EE831842

Identified Codes Regulations and Standards

General Notes:

1. The listing below, may or may not contain all of the potential Project Design Criteria for a Project.
2. The Design Professional shall identify any and all codes, regulations and guidelines required for the Project.
3. The Design Professional shall resolve any conflicts encountered between any of the codes, regulations and guidelines.
4. The Design Profession shall advise the Owner in writing immediately upon the discovery of a conflict.
5. Projects shall be designed to the requirements of the following List of Design Criteria unless notified by the owner otherwise.

List of Design Criteria:

1. SBBC Design and Material Standards
2. SBBC Design Criteria
3. Florida Building Code (FBC) (latest edition)
4. Florida Fire Prevention Code (latest edition)
5. National Electrical Code (NEC)
6. Florida Department of Education, Office of Educational Facilities-State Requirements for Educational Facilities (SREF) as referenced in
7. Bureau of Elevators of the Department of Business Regulation according to Chapter 399 of the Florida Statutes.
8. Site design shall comply with "Crime Prevention through Environmental Design principles (CPTED)
9. City Zoning requirements

10. Building setbacks requirements shall be set by the most stringent of:
 - Florida Building Code -Section 423,
 - SREF
 - local authorities having jurisdiction.

11. Site and building drainage shall be in compliance with:
 - FBC,
 - BCDPEP,
 - SFWM, and all other applicable regulations.
 - DERM

11. Americans with Disabilities Act and Accessibility Guidelines (ADAAG).

12. Florida Department of Community Affairs-Florida Accessibility Code for Building Construction (FACBC).

13. ANSI Standard S12.60-2002, Acoustical Performance Criteria, Design Requirements and Guidelines for Schools.

14. Comply with Florida Standard for Radon-Resistant New Commercial Building Construction. (Department of Health Bureau of Environmental Toxicology Radon and Indoor Air)

15. EPA Handbook for Sub-Slab Depressurization for Low Permeability Fill Material. (Department of Health Bureau of Environmental Toxicology Radon and Indoor Air)

16. Underwriters Laboratories UL-790 and ASTM E-108 requirements for Class A fire rating for roof coverings.

17. The glazing Maximum Solar Heat Gain Coefficient (SHGC) is based upon the minimum and optimized levels of energy performance for the entire building project subject to the mandatory and prescriptive requirements of ASHRAE/IESNA Standard 90.1-2007.

18. maneuvering clearances at doors to comply with:
 - FBC
 - SREF requirements

19. LEED for Schools v3.0 rating system, and all referenced codes as stated therein.

20. Wind loading design pressures
 - FBC for High Velocity Hurricane Zones (HVHZ) (ASCE 7)

- FBC Section 423 for EHPA enclosures
- Miami Dade NOA

- 21. Comply with all the various agencies with jurisdiction on the site.
- 22. Florida Department of Transportation (FDOT). Where applicable
- 23. Utility Company Regulations
- 24. Other

The School Board of Broward County

Professional Services Agreement

PSA ATTACHMENT 2

BASIC DESIGN PHASING REQUIREMENTS

TABLE OF CONTENTS

1.0 Project Start..... 3

2.0 Pre-Design..... 3

3.0 Pre-Design Review Meeting..... 4

4.0 Conceptual Design..... 5

5.0 Concept Design Review Meeting..... 6

6.0 Schematic Design..... 6

7.0 Design Development..... 10

8.0 Design Development Package - Submittal Requirements..... 16

9.0 Construction Documents Development – 90% complete..... 17

10.0 Jurisdictional Plan Approvals..... 18

11.0 Construction Documents Submittal – 100%..... 19

12.0 Bidding and Award of Contract..... 21

13.0 Administration of the Construction Contract..... 22

14.0 Design Change Management..... 26

15.0 Cost Management Responsibilities..... 27

16.0 Substantial Completion..... 27

17.0 Warranty Administration..... 28

1.0 Project Start

- 1.1 The Design Professional is awarded a Project or is notified of a Project being assigned to him or her.
- 1.2 Project Start up deliverables from the Owner are received for the Design Professionals review. Note that all owner deliverables may not be available at this time.
- 1.3 A Project Design kickoff meeting will be requested to review the particulars of the proposed Project. An abbreviated site visit by the Design Professional with the Program's Project Manager and/or Design Manager may be requested prior to the kick off meeting.
- 1.4 Based on the specific Project Scope, portions of the following design stages and design activities may not be required as part of the Design Professionals scope of work for the particular Project.
- 1.5 These scope determinations will be discussed at the kickoff meeting and an action plan will be developed and issued. Note that the deliverables package from the Owner may indicate some preliminary scope determinations, which will also be discussed for the Design Professional's input.

2.0 Pre-Design

- 2.1 Prior to commencing work The Design Professional must have received a fully executed Authorization to Proceed.
- 2.2 Visit and inspect the site to verify if existing conditions conform to those portrayed on information as may have been provided by the Owner.
- 2.3 Take photographs and make written documentation, sketches, notes or reports to confirm and record the general condition and age of the existing equipment and site with particular attention to the following building/site elements as appropriate to the defined Project's scope of work.
 - 2.3.1 All applicable above ceiling areas.
 - 2.3.2 Power supplies, switch gear, breaker panels, electrical room, electrical vault, transformers and mechanical room.
 - 2.3.3 Major components of existing HVAC systems including chillers, cooling towers, air handling units, and primary ductwork runs.
 - 2.3.4 Roofing, waterproofing and building envelope systems.
 - 2.3.5 Site drainage systems and water retention characteristics.
 - 2.3.6 Determine average condition of fixed equipment.
 - 2.3.7 Life safety, fire alarms, public address, generators and emergency lighting.
 - 2.3.8 ADA requirements.
- 2.4 Site investigations and inspections and access to concealed areas should be non-destructive except where destructive investigations, tests or means of access are authorized in advance

by the Owner.

- 2.5 Room and space size and relationship requirements are to be extracted and organized based on the SFER requirements.
- 2.6 Subsidiary spaces and sizes are to be extracted and organized based on the SFER requirements.
- 2.7 A preliminary OEF Space Chart Form shall be generated at this time.
- 2.8 Investigate and response/react to any defined required design concept or theme presented in the ATP shall be provided. Response can be in any format. Photos, sketches, narrative.
- 2.9 Based on an analysis of the gathered and provided information, the Design Professional shall provide a project Risk Analysis Report. This report shall identify problem issues with the current project scope, schedule or cost. This report shall also identify any potential, or impacting design related issues.
- 2.10 The Design Professional shall preform a building code analysis.

3.0 Pre-Design Review Meeting

- 3.1 The purpose of this review shall to be to review all known aspects of the proposed project to date and to make determinisms for the next stage. The review shall include the following:
 - 3.1.1 Impact of existing conditions
 - 3.1.2 Spatial and functional relationships
 - 3.1.3 Site relationships
 - 3.1.4 Room listings, sizes and functions
 - 3.1.5 Risk Analysis factors
 - 3.1.6 Building Code Analysis
 - 3.1.6.1 Occupancy classifications
 - 3.1.6.2 Possible and Proposed construction types
- 3.2 The Design Professional shall present the alternative approaches to the use, and improvements; selections of materials, building systems and equipment; potential construction methods and methods of project delivery; and, shall make recommendations among such alternatives, including site locations of building additions.
- 3.3 Based on this review, an Action Plan will be developed and distributed. Pending the directions to be taken, a new ATP may be required.

4.0 Conceptual Design

- 4.1 Prior to the start of work for the Conceptual Design stage, the Design Professional must receive written direction from the Owner to proceed. E-mail format will be utilized for this authorization.
- 4.2 A Basis of Design Report shall be developed by the Design Professional based upon, the information gathered from the site review, the ATP requirements and the extraction of the defined space requirements and accessory spaces as per the SREF requirements, and any direction provided as a result of the Pre-Design Review Action Plan. The Basis of Design Report will include the following information.
 - 4.2.1 Alternative spatial relationships and site relationships are to be evaluated
 - 4.2.1.1 Site relationships are to be further defined and illustrated by outline plans inserted onto a site plan.
 - 4.2.1.2 Pending the Site particulars and pending the program, more than one building solution may be required.
 - 4.2.2 Spatial adjacency and functional relationships are to be further defined and integrated and illustrated by outline plans.
 - 4.2.2.1 Circulation and egress requirements are to be further defined and indicated on the outline plans.
 - 4.2.3 Alternative building elevations to be provided for primary exposed façade and at a primary connection to an existing condition façade.
 - 4.2.4 Building Section thru the primary new functions of proposed new spaces. Relationship with existing conditions shall also be presented.
 - 4.2.5 The OEF Space Chart Form shall be updated at this time. not yet - discuss
 - 4.2.6 The Design Professional shall report as to the status of the selections of materials and discuss any changes or additions from previous discussions.
 - 4.2.7 The Design Professional shall report as to the status of the recommended building systems and equipment and discuss any changes or additions from previous discussions.
 - 4.2.8 The Design Professional shall report as to the status of the potential construction methods, the optional methods of project delivery and to discuss any changes or additions from previous discussions.
 - 4.2.9 The Risk Analysis shall be updated as a result of, new discoveries and resolution of items thru the current progress.

4.3 A Probable Construction Cost analysis and statement shall be provided at this time.

5.0 Concept Design Review Meeting

5.1 The purpose of this review shall to be to review the status and progress of the proposed project to date and to make determinisms for the next step. The review shall include the review of items 4.2.1 thru 4.3 above.

5.2 Based on this review, an Action Plan will be developed and distributed. Pending the directions to be taken, a new ATP may be required.

5.2.1 Pending the scope of the Project, this review may be a 2 step review. The Design Professional may be required to present the Project to a Design Review Committee or to the School Board. (note: in most cases, this requirement will be identified in the early project stages)

6.0 Schematic Design

6.1 Prior to the start of work for the Conceptual Design stage, the Design Professional must receive written direction from the Owner to proceed. E-mail format will be utilized for this authorization.

6.2 The Design Professional shall prepare, submit and present for approval by the Owner a Schematic Design Report Package, comprised of the SREF requirements for Schematic Design Documents and Schematic Design Studies.

6.2.1 Any special requirements affecting the Project shall be identified.

6.2.2 A statement of Probable Construction Cost.

6.2.3 The OEF Space Chart Form updated and formatted to follow the sequence of spaces listed in the SREF Size of Space and Occupant Design Criteria Table.

6.2.3.1 Provide room name and number listing in a (room finish) re-usable format – with columns for SF's at this time.

6.2.4 Site Survey -- A hardcopy and electronic media copy of the owner provided site survey with the following information: the legal description of the site, acreage, contours, overall dimensions, vegetation, trees, hardscape elements, adjacent highways and roads, information about ownership and use of adjacent land, locations of on- and off-site utility connections, utility service point entry locations, parking areas, service areas, play areas, athletic fields, bus loop(s), parent drop off, existing buildings with height, mechanical cooling towers and chillers, floor elevations (related to base flood elevation as shown on Flood Insurance Rate Maps, and use. The site survey may be an update of informational surveys provided by the Owner but shall be prepared on electronic media and submitted in both hard and electronic media formats.

6.2.5 Schematic Design Documents

- 6.2.5.1 These documents shall be schematic, responding to the Project requirements. In addition to SREF requirements and information required by the Owner's document submittal checklist for schematic design. modify the checklist requirement – rewrite... All plans shall have a graphic scale and a north indicator.
- 6.2.5.2 A Transmittal Form.
- 6.2.5.3 A site plan showing acreage, contours and general topographical conditions, flood plain elevation and velocity zone, over-all dimensions, adjacent highways, roads, off-site improvements, emergency access, fire hydrants, power transmission lines, ownership and use of adjacent land, walks and paths, vehicle and bike parking areas with accessible spaces identified, service areas, play areas, athletic fields, bus loop(s), parent drop off, existing buildings and use, location of proposed building(s) and future additions, portable classrooms and other re-locatable or temporary structures, community use buildings, phased construction, preliminary soil borings. (At Plan review stage and CD review stage, a statement will be required to be included on the site plan identifying the FEMA flood plain and the velocity zone in which the project is located. The statement shall be signed and dated by the Architect or Engineer of Record.)
 - 6.2.5.3.1 Indicate general locations, of service and preliminary service requirements with all utility companies (Florida Power and Light, Owner selected phone service, cable TV, water, sewer, storm drainage and any other identified utility service).
 - 6.2.5.3.2 Environmentally sensitive site areas as identified on the Owner provided Environmental Study (per Section 235.193, F.S.) to be indicated on the plans along with any identified related requirements for these areas.
- 6.2.5.4 Floor plans showing over-all dimensions, room names, door locations, accessible building exits, occupant loads of each space, any existing buildings and its use. Previously planned future additions, if additions are still planned (Owner to confirm) and any known planned construction on site or adjoining the site (Owner to confirm).
- 6.2.5.5 Provide a life-safety plan delineating the paths of travel, the source and exiting volumes and the exit width and path of travel calculations. Indicate accessible exits. Indicate fire walls, smoke partitions, and protected corridors. Identify any special fire suppression systems. (kitchen hoods, halon, CO2 systems, etc) Identify any spaces or zones not receiving a fire suppression system. Indicate preliminary fire alarm systems zones. Indicate preliminary fire sprinkler systems zones. Indicate control panel location. Indicate any other life-safety features relevant to the facility.

6.2.5.6 Provide elevations and sections of the building to illustrate and indicate the mass and character of the facility including fenestration, openings, walkways, preliminary material selections, and other building features and spatial relationships .

6.2.5.7 An Outline Demolition Plan

6.2.5.7.1 Indicate spaces impacted by demolition. And show where and how impacted spaces are integrated into the new plan. This shall be 2 reduced size plans on 1 sheet.

6.2.5.8 Schematic Project Manual

6.2.5.8.1 Outline Specifications for Division 2-17

6.2.5.8.2 Schematic Room Finish Schedule (still with sf columns)

6.2.6 Schematic Design Report Brochure

6.2.6.1 The brochures shall have heavy stock covers and plastic comb or metal spiral binding. 8 ½ x 11 format. Additional copies of this Schematic Design Brochure if required by the Owner will be compensated as a reimbursable service approved in advance by the Owner.

6.2.6.2 The Brochure shall include:

6.2.6.2.1 A summary design statement indicating the general design intent, conceptual development,

6.2.6.2.2 A facilities list including the number of spaces, net/gross square footages (separate from the OFE Chart)

6.2.6.2.3 Colored Plans,

6.2.6.2.3.1 Site

6.2.6.2.3.2 building elevations

6.2.6.2.3.3 building sections,

6.2.6.2.3.4 any applicable sketch perspectives

6.2.6.2.3.5 miscellaneous diagramming, photographs of any applicable massing and building models,

6.2.6.2.4 Narrative discussions and descriptions of preliminary materials selections, components, assemblies, and systems for:

6.2.6.2.4.1 Landscape

6.2.6.2.4.2 civil

6.2.6.2.4.3 structural

6.2.6.2.4.4 mechanical

6.2.6.2.4.4.1 Mechanical Requirements Specific to Remodeling and Addition Projects: Provide a listing of capacities for existing HVAC

equipment and the available tonnage for the new connected load. Provide a survey of the condition of the existing mechanical equipment.

6.2.6.2.4.5 electrical

6.2.6.2.4.5.1 Electrical Requirements Specific to Remodeling and Addition Projects: Provide an electrical load analysis for the existing facility for existing and new loads. Provide a survey of the condition of the existing electrical equipment and the communication equipment room.

6.2.6.2.4.6 plumbing

6.2.6.2.4.7 misc. technical

6.2.6.2.4.8 architectural

6.2.7 An Updated Project Development Schedule:

6.2.7.1 This schedule shall be in compliance with the initial Project Schedule and is for approval by the Owner. This schedule shall show activities including but not limited to the Design Professional's design and coordination efforts and the Owner review/ approval periods.

6.2.7.2 This schedule shall also include all activities known at this stage of the project's development including any projected or preliminary requirements for moving portables, relocating classrooms, removing and storing furniture, hazardous material abatement, any work by the Owner, separate contractors, on-site utilities and equipment and any other activities that may impact the construction of the project. The schedule shall also include any identified offsite work.

6.2.7.3 This schedule shall also include the site approval reviews, and the permitting process.

6.2.7.4 The schedule to be generated in electronic media software with a bar chart format.

6.2.8 Statement of Probable Construction Cost: The Design Professional shall submit to the Owner for review and approval a schematic design phase estimate of probable construction cost itemized by major categories based on the expected bid date.

6.2.9 The Design Professional shall coordinate with the Owner to determine the municipal, county and other jurisdictional agencies that will require site plan coordination and/or approval for the Project and will determine/confirm the permitting and review strategies and update the Project Development Schedule and generate a freestanding Permitting Schedule.

6.2.9.1 The Design Professional shall prepare applications for these site plan and

coordination reviews directly after approval of the Schematic Design Package as appropriate to this phase of the project. The Design Professional shall attend and provide representation at all review meetings, workshops, hearings and Commission/Council meetings concerning the project as conducted by any and all other agencies having jurisdiction over the project.

6.3 Schematic Design Package - Submittal Requirements -

6.3.1 The Design Professional shall submit for Owner approval:

6.3.1.1 Plans

6.3.1.1.1 three (3) copies of all full size documents are required under this Phase,

6.3.1.2 Schematic Design Report Brochure

6.3.1.2.1 three (3) copies
Quantity pending review requirements

6.3.1.3 Project Development Schedule

6.3.1.3.1 three (3) copies

6.3.1.4 Probable Construction Cost Report

6.3.1.4.1 three (3) copies

6.4 The Design Professional shall provide presentations of the Schematic Design to:

6.4.1 The Owner's staff

6.4.2 Design Review Committee (if required, add 5 copies of brochure)

6.4.3 The School Board of Broward County, Florida, (if required, add 10 copies of brochure).

7.0 Design Development

7.1 The Design Professional is to proceed with Design Development and all adjustments to the Project Scope, Schedule, and Budget from the Schematic Design Review as directed by the Owner, after receiving written direction from the Owner to proceed. E-mail format will be utilized for this authorization.

7.2 The Design Professional shall prepare, submit and present for approval by the Owner, a Design Development Report Package, comprised of the SREF requirements documents and the following:

7.2.1 Project Transmittal Form.

7.2.2 OEF form 208 (a) "OEF Space Chart Form" formatted to follow the sequence of spaces listed in the SREF Size of Space and Occupant Design Criteria Table.

7.2.3 Documents: These documents shall be design development package corresponding to the educational specifications and program requirements illustrating the general scope, scale, and relationship of project components. In addition to Phase I requirements, SREF requirements, and any specific Owner provided informational needs, the documents shall include the following:

7.2.4 Drawing Package Information Sheets

7.2.4.1 Cover Sheet

7.2.4.1.1 Cover sheet will include the following information

- 7.2.4.1.1.1 Facility name
- 7.2.4.1.1.2 Project description
- 7.2.4.1.1.3 SBBC Project number
- 7.2.4.1.1.4 Listing of consultants
- 7.2.4.1.1.5 School board members and titles
- 7.2.4.1.1.6 School board logo
- 7.2.4.1.1.7 Location map
- 7.2.4.1.1.8 Document package type

7.2.4.2 Index of Drawings

7.2.4.2.1 The full index of drawings will be in the Architectural Set.

7.2.4.3 General Information Sheets

7.2.4.3.1 All disciplines will have the following information sheets. This information may require multiple sheets.

- 7.2.4.3.1.1 Abbreviations
- 7.2.4.3.1.2 Reference symbols
- 7.2.4.3.1.3 Materials legend

7.2.5 Architectural and Civil site plan(s) showing, (in addition to Schematic Design site survey requirements), the proposed design for: landscaping, drainage, water retention ponds, sewage disposal and water supply system, chilled water piping and physical features that may adversely affect or enhance the safety, health, welfare, visual environment, or comfort of the occupants.

7.2.5.1 A statement, signed and dated by the Design Professional or his designated Consultant, shall be included on the site plan identifying the number of existing trees, the number and size of required trees, and the number of new trees to be planted. (signatures required at 90% CD package)

7.2.6 Building Plans

7.2.6.1 General

7.2.6.1.1 By symbol, indicate fire extinguishers, fire alarm equipment, smoke vents, master valves, emergency disconnects, emergency lighting, emergency power equipment, fire sprinklers, exit signs, smoke and fire dampers, and other life-safety equipment relevant to the facility on the appropriate discipline plans.

7.2.6.1.2 By symbol, indicate connections and tie-ins to any existing equipment on the appropriate discipline plans.

7.2.6.1.3 Floor plans for additions to an existing facility: Indicate the connections and tie-ins to the existing facilities, including all existing spaces, exits, plumbing fixtures and locations, and any proposed changes. Distinguish between new and existing areas.

7.2.6.2 Floor plans

7.2.6.2.1 Drawn at 1/8 inch or larger scale showing typical student occupied spaces or special rooms with dimensions, public facilities, stairs, elevators, and identification of accessible areas.

7.2.6.3 Floor plans

7.2.6.3.1 Drawn at 1/4 inch or larger scale showing typical spaces or special rooms with dimensions, equipment and furnishing layouts, door and window locations.

7.2.6.3.2 Reflected ceiling plans drawn at 1/4 inch scale (minimum) showing typical spaces or special rooms with dimensions, lighting equipment and ceiling panel layouts.

7.2.6.4 Roof plans drawn at 1/4 inch scale (minimum) showing typical spaces or special rooms with dimensions, equipment layouts.

7.2.6.5 The life-safety plans shall be updated to reflect modifications as a result of the design progress. Indicate the paths of travel, the source and exiting volumes and the exit width and path of travel calculations. Indicate accessible exits. Indicate fire walls, smoke partitions, and protected corridors. Identify any special fire suppression systems. (kitchen hoods, halon, CO2 systems, etc.) Identify any spaces or zones not receiving a fire suppression system. Indicate preliminary fire alarm systems zones. Indicate preliminary fire sprinkler systems zones. Indicate control panel location. Indicate any other life-safety features relevant to the facility.

7.2.6.6 A Proposed Project Phasing Floor Plan drawn at an architectural scale that will allow the entire facility to be shown contiguous, on one sheet, which indicates project phasing as applicable to the Project.

7.2.6.7 Existing Facility Accessibility Criteria

- 7.2.6.7.1 For existing facilities where remodeled or renovated spaces are required and where an ADA and code conforming ramp cannot be utilized, document proposed vertical platform lifts or inclined wheelchair lifts and provide the following documents as part of or in addition to the required life safety plans.
- 7.2.6.7.2 Sketches of proposed vertical platform lifts, including layout drawings showing the effect of the lift on existing spaces, corridor widths and exiting from the affected facility.
- 7.2.6.7.3 Sketches of proposed inclined wheel chair lift including layout drawings showing the effect of the lift on the stairway width in the folded and unfolded position, the upper and lower platform storage locations, and the effect on exiting from the affected areas of the facility.
- 7.2.6.8 Open Space Concept Criteria
 - 7.2.6.8.1 When planning open space schools or administrative spaces, a floor plan shall be submitted showing the methods used to permanently define the means of egress, such as surface finish or color.
- 7.2.6.9 All exterior building elevations and sufficient building sections as necessary to fully illustrate and indicate the scale and massing of the facility.
- 7.2.6.10 Typical building sections to show dimensions, proposed construction materials, and relationship of finished floor to finished grades.
- 7.2.6.11 Structural Plans
 - 7.2.6.11.1 Preliminary Structural Drawings including plans and sections indicating anticipated systems, connections and foundations.
- 7.2.6.12 Mechanical Plans
 - 7.2.6.12.1 Single line Ductwork layouts shown on half tone reflected ceiling plans. Diffuser and return air locations as coordinated with Architectural and Electrical lighting plans.
 - 7.2.6.12.2 Identify locations of Mechanical rooms and equipment, any grease trap(s), any LP gas tank locations, natural gas pipe layout, and tie ins to existing utilities.
 - 7.2.6.12.3 Provide Proposed Mechanical Zoning Plan (as applicable).
- 7.2.6.13 Plumbing Plans
 - 7.2.6.13.1 Indicate all plumbing fixtures and all tie in locations.

7.2.6.13.2 Provide Fixture Unit Counts and Calculations.

7.2.6.14 Fire Protection Plans

7.2.6.14.1 Provide Proposed Fire Protection Zoning Plan (as applicable).

7.2.6.15 Electrical Drawings

7.2.6.15.1 Lighting layouts for interior and exterior spaces shown on half tone reflected ceiling plans as coordinated with Mechanical and Architectural.

7.2.6.15.2 A one line diagram of the electrical distribution system.

7.2.6.15.3 Provide layout indicating security systems devices and control zones

7.2.6.15.4 Locations of all the main components of the electrical system such as transformers, panels, and main switch board, and emergency generator, location of the intercom console, ITV head end and tower, master clock, fire alarm panel. Show locations of mechanical equipment such as chillers, air handler units, etc. and their respective electrical connections.

7.2.7 Project Manual

7.2.7.1 Equipment and Furnishing Schedules: Indicating equipment and furnishing items that will be provided by the Contractor and those that will be provided by the Owner or others.

7.2.7.2 Outline specifications:

7.2.7.2.1 Current format of CSI Specification Numbering System shall be utilized. (based on contract date)

7.2.7.2.1.1 Division 1

7.2.7.2.1.1.1 Division 1 to be updated from the Schematic Design submittal.

7.2.7.2.1.1.2 Schematic Room Finish Schedule updated from schematic. (SF columns still present)

7.2.7.2.1.2 Divisions 2 through 17

7.2.7.2.1.2.1 Provide outline specifications with general

description of all systems and components.

7.2.7.3 Geotechnical Engineer's Report

7.2.7.3.1 Provide proposed method of treatment for unusual conditions.

7.2.8 Office of Educational Facilities Life-Cycle Cost Analysis (LCCA). LCCA shall be submitted to the Owner for review and approval with the Design Development documents.

7.2.8.1 LCCA shall be by a commercially available life-cycle cost analysis program and shall be based upon the requirements of Florida Statute 1013.451.

7.2.9 Florida Energy Efficiency Code for Building Construction (FEEC). FEEC forms, including calculations for mechanical systems, documenting energy efficiency ratio rating of HVAC equipment, electrical systems, insulation, and building envelope shall be submitted to the Owner for review and approval with the Design Development documents.

7.2.10 Statement of Probable Construction Cost:

7.2.10.1 The Design Professional shall submit to the Owner for review and approval a Design Development phase estimate of probable construction cost itemized by major categories based on the expected bid date. The Format for this estimate is to follow the content of the Project's Outline Specification for Divisions 2 through 17.

7.2.10.1.1 Key differences between the Schematic Design and the Design Development cost are to be summarized.

7.2.11 An updated Project Development Schedule reflecting development and anticipated schedules for all new and existing subsequent project activities.

7.2.12 A written response from the Design Professional and each of the Consultants, explaining how each previous Owner and reviewing agencies review comments have been addressed.

7.2.13 F.I.S.H Data Requirements

7.2.13.1 A simplified single line floor plan of the project.

7.2.13.2 A spreadsheet format schedule reflecting the room numbers; the name of the room or space; the net square footage of the space and the capacity of the space on electronic media and on a single 24" x 36" sheet of vellum conforming to the Owner's standards for graphics and for electronic media submittals. This drawing and database information will be for use in preparing F.I.S.H. (Florida Inventory of School Houses) information. The

Design Professional shall coordinate with and utilize the Owner's F.I.S.H requirements for room numbers, room name assignments and electronic media (format, layering, etc.) prior to developing final documents for this Design Development submittal. Hardcopy graphics shall be suitable for clearly legible half size reductions.

7.2.14 Existing Hazardous Materials

Provide a letter to the owner advising of the extents of potential hazardous materials as indicated and provided by The Environmental Division of the Facilities and Construction Group. Outline the (or any) optional or alternate means of removal and timing of removal for Owner review and direction.

7.2.14.1.1 Integrate the impact of the Hazardous materials with the Project Development Schedule.

7.2.14.1.2 Integrate the impact of the Hazardous materials Statement of Probable Construction Cost and other documentation.

7.2.15 Preliminary color boards to review the color selections for all finish materials with the Owner.

7.2.16 Preliminary samples as requested by the Owner.

8.0 Design Development Package - Submittal Requirements

8.1 The Design Professional shall submit the following for Owner approval:

8.1.1 Plans

8.1.1.1 three (3) copies of all full size documents

8.1.2 Design Development Report Brochure

8.1.2.1 three (3) copies

8.1.3 Project Development Schedule

8.1.3.1 three (3) copies

8.1.4 Probable Construction Cost Report

8.1.4.1 three (3) copies

8.1.5 Life-Cycle Cost Analysis

8.1.6 Energy Efficiency Code Analysis

8.1.7 Response to Schematic Design Comments

8.1.8 F.I.S.H Data Requirements

8.1.9 Hazardous Materials letter

8.1.10 Updated Discipline Narratives

8.2 The Design Professional shall provide presentations of the Design Development to:

8.2.1 the Owner's staff

8.2.2 Design Review Committee (if required, add 5 copies of brochure)

8.2.3 The School Board of Broward County, Florida, (if required, add 10 copies of brochure).

9.0 Construction Documents Development – 90% complete

9.1 The Design Professional is to proceed with the Construction Documents and all adjustments to the Project Scope, Schedule, and Budget from the Design Development review as directed by the Owner, after receiving written direction from the Owner to proceed. E-mail format will be utilized for this authorization.

9.2 The Design Professional shall prepare, submit and present for approval by the Owner, a Construction Document Report Package.

9.3 This Construction Document Report Package shall include the following items:

9.3.1 Project Transmittal Form (Form 1310b)

9.3.2 An updated OEF form 208(a) "OEF Space Chart Form" formatted to follow the sequence of spaces listed in the SREF Size of Space and Occupant Design Criteria Table.

9.3.3 Updated Florida Energy Efficiency Code for Building Construction (FEEC) compliance forms. Submit five (5) copies signed and sealed by a State of Florida registered design professional.

9.3.4 Final Calculations:

9.3.4.1 Structural systems

9.3.4.2 Mechanical systems

9.3.4.3 Electrical systems

9.3.5 Drawings:

9.3.5.1 All construction documents as necessary to receive building permits for the complete scope of work shall be included and shall be substantially complete.

9.3.5.2 Preliminary staging area plans to delineate staging areas, site barriers and other area designations to control and separate as required, students, faculty, staff and the public from construction activities and traffic.

9.3.6 Project Manual

9.3.6.1 All Project Manual documents as necessary to receive building permits for the complete scope of work shall be included and shall be substantially complete.

9.3.7 Project Development Schedule

9.3.7.1 Updated and formatted as a preliminary construction schedule reflecting continued Project development and illustrating anticipated schedules for all subsequent project activities including permitting and submittal coordination with all agencies having jurisdiction on the Project, project phasing, site mobilization, temporary facilities, general construction sequencing, anticipated substantial completion dates, Owner occupancy, mid all other significant Project events. Format updated schedule as a Gant Chart type schedule with mile stones.

9.3.8 Color boards

9.3.8.1 Boards illustrating color selections, finishes, textures and aesthetic qualities for all finish materials for final review and approval by the Owner and to establish a final pallet of material selections for development of subsequent specifications, schedules and other requirements for incorporation into the Contract Documents.

9.3.9 Design Development Comment Responses

9.3.9.1 Letters from the Design Professional and each of the major technical disciplines and any necessary Consultants or explaining how each previous Design Development comment has been addressed.

9.4 Construction Documents - 90% complete – Submittal Requirements

9.4.1 The Design Professional shall submit the following for Owner approval:

9.4.1.1 Transmittal Form

9.4.1.2 Plans

9.4.1.2.1 three (3) copies of all full size documents

9.4.1.3 A completed Building Department document submittal checklist

9.4.1.4 Reports and Brochures

9.4.1.4.1 three (3) copies

10.0 Jurisdictional Plan Approvals

10.1 Prior to the commencement of the Construction Documents – 100%, and early enough to ensure that the contractor is not delayed by permit processing, the Design Professional shall, with the owner's assistance, file the required documents for approval by governmental authorities, local, State or Federal, having jurisdiction over the portions of the

Project and obtain certifications of "permit approval" by these limited jurisdictional reviewing authorities. In cases, this activity or portions of this activity will not commence until such time as the Construction Documents are 100% complete.

10.1.1 The Design Professional shall provide the documents required for submittal to all of these governmental authorities.

10.1.2 The Design Professional shall attend and provide representation at all review meetings, workshops, hearings and Commission/Council meetings concerning the project as conducted by the various jurisdictional agencies.

11.0 Construction Documents Submittal – 100%

11.1 The Design Professional is to proceed with the completion of the construction documents and all adjustments to the Project Scope, Schedule, and Budget from the 90% construction document review comments as directed by the Owner, after receiving written direction from the Owner to proceed. E-mail format will be utilized for this authorization.

11.2 Construction Documents 100% Submittal: The Design Professional shall make a 100% Construction Documents submittal, for approval by the Owner.

11.2.1 All documents for this phase shall be provided in both hard copy and in electronic media.

11.2.2 Signed and Sealed Documents and Statements of Compliance

11.2.2.1 Only complete documents, properly signed and sealed by the Design Professional and respective Consultants, will be accepted for review.

11.2.2.2 These documents shall contain a statement of compliance by the architect or engineer of record that "To the best of my knowledge and belief these documents are complete, and comply with the State Requirements for Educational Facilities.

11.2.3 When requested by the Owner, engineering calculations for mechanical, electrical, and structural systems shall be submitted separately from drawings and the project manual.

11.3 The following items shall be included with the 100% Construction Document submittal.

11.3.1 In addition to 100% complete Construction Documents the following items are to be integrated into this Construction Document – 100% Submittal.

11.3.1.1 Mechanical and Electrical Documents shall indicate that the approved systems from the Design Development FEED/LCCA analysis have been incorporated into the documents.

11.3.1.2 Project Manual

11.3.1.2.1 The Design Professional shall insert Division 0 and Division 1 into the specifications.

11.3.1.2.1.1 The Design Professional shall not add or delete items from the Division 0 and Division 2 documents without prior written approval from the Owner.

11.3.1.2.2 Approved list of alternate bid items, as authorized by the Owner shall be integrated into the project bid documents and the specifications.

11.3.1.3 As required, a threshold building inspection plan, prepared by the Design Professional, and the name of a certified threshold building inspector, as set forth in Section 553.79(5), F.S., shall be submitted to the Owner for review and approval with the 100% Construction Documents

11.3.1.3.1 Threshold building inspection plan documents are required for the following conditions:

11.3.1.3.1.1 Any building greater than three (3) stories or fifty (50) feet in height.

11.3.1.3.1.2 Any building with an assembly space that exceeds five thousand (5000) square feet in area, and/or an occupant load of five hundred (500) or more persons. Check- is this and/or

11.3.1.4 An Updated Statement of Probable Construction Cost as indicated by time factor, changes in requirements, or general market conditions.

11.3.1.4.1 If this Statement of Probable Construction Cost exceeds the construction Budget, the Design Professional shall review materials, equipment, component systems and types of construction included in the Contract Documents and shall recommend changes in such items and/or reasonable adjustments in the scope of the Project for Owner approval for integration into the documents.

11.3.1.5 A letter from the Design Professional and each of the major technical Consultants explaining how each comment for the Construction Document 90% Review, has been addressed.

11.3.2 The Design Professional and his Consultants, as necessary, shall attend coordination, review and presentation meetings with the Owner to explain the

development of the design concept and the technical resolutions of the building or site systems as shown in the Construction Document 100% Submittals.

- 11.3.3 After Owners review of the 100% Construction Documents, the Design Professional shall make all required changes or additions and resolve all comments. A final Check Set shall be returned to the Owner for final approval.
- 11.3.4 Upon final approval by the Owner, the Design Professional shall furnish five (5) copies, signed and sealed of all Drawings and Specifications to the Owner for submittal to the designated Plan Review Agency.
- 11.3.5 Building Department plan review comments to be reviewed with the Owner and integrated into the documents.
- 11.3.6 This submittal will also become the official bid document set after all Plan review comments are integrated and approved by the building dept.
- 11.3.7 Design Professional shall assure the Owner that all limited jurisdictional, mandatory requirements are complete prior to bidding.

12.0 Bidding and Award of Contract

- 12.1 Bid Documents Approvals and Printing: Upon obtaining all necessary approvals of the Construction Documents, the Design Professional shall assist the Owner in obtaining bids and awarding construction contracts. The Owner, will provide reproductions of the drawings and specifications printed for bidding purposes.
 - 12.1.1 This printing may be handled by the Owner or as a reimbursable service through the Design Professional.
- 12.2 The Advertisement for Bids will instruct the bidders where to obtain the Bid Documents.
- 12.3 The Design Professional shall render interpretations and clarifications of the drawings and specifications in a written format, supplemented by appropriate graphics, with prior approval of the Owner.
- 12.4 The Design Professional shall attend a pre-bid conference as requested by the Owner.
- 12.5 The Design Professional shall prepare addenda, if any are required, for the Owner to issue to all prospective bidders. No addenda shall be issued without the Owner's approval and if dimensional changes or extensive graphic changes are required the drawing sheets shall be revised and issued as addendum drawings as directed by Owner.
- 12.6 The Design Professional shall be present at the bid opening, with the Owner's staff.
- 12.7 The Design Professional shall participate with the Owner in evaluating the bids and

investigating the qualifications of bidders and shall provide a written recommendation for bid award.

12.8 The Design Professional shall advise and consult with the Owner in awarding, and in the preparation of any Agreements necessary for the construction of the project.

12.9 If the lowest responsive Base Bid received exceeds the Fixed Limit of Construction Cost the Owner will either:

12.9.1 Approve the increase in Project cost and award a contract or,

12.9.2 Reject all bids and rebid the Project within a reasonable time with no change in the Project,

12.9.3 Direct the Design Professional to revise the Project scope or quality, or both, as approved by the Owner, and rebid the Project.

12.9.4 Suspend or abandon the Project.

12.10 The Design Professional shall, modify the Construction Documents as necessary to bring the project within the Budget Construction Cost. The providing of such service shall be the limit of the Design Professional's responsibility in this regard and having done so, the Design Professional shall be compensated in accordance with this Agreement. The Owner may recognize exceptional construction market cost fluctuations before exercising the option provided in Article 12.9.3 above. The Owner agrees to discuss this issue with the Design Professional prior to exercising this option.

12.11 If an estimate or cost analysis is required by the Owner for this phase, the Design Professional shall analyze bids and to assist in the preparation of any modified bidding documents or re-bid documents that may be required to ensure successful bidding within the Budget Construction Cost.

13.0 Administration of the Construction Contract

13.1 Duration

13.1.1 The Construction Administration Phase will begin with the award of the Construction Contract and will end when the Contractor's final Payment Certificate is approved by the Owner.

13.1.2 During this period, the Design Professional shall provide Administration of the Construction Contract as set forth in the Contract Documents between the Owner and the Contractor, as basic services, including participation in building commissioning and partnering. Refer to Section 01350 – special procedures.

13.2 The Design Professional shall advise and consult with the Owner and shall have authority to act on behalf of the Owner within the limits established by this Agreement and the

- Contract Documents. The Design Professional shall contemporaneously provide Owner with copies of all communications between Design Professional and Contractor and others concerning matters material to the cost, time, sequence, scope, performance or requirements of the project.
- 13.3 The Design Professional and his Consultants shall attend all key construction events as necessary to ascertain the progress of the Project and to determine in general if the Work is proceeding in accordance with the Contract Documents and the Project Schedule.
- 13.3.1 Site Visits
- 13.3.1.1 Design Professional - Site Visits
- 13.3.1.1.1 The Design Professional shall visit the site at least once per week to become familiar with the progress and quality of the Work and to determine if the Work is proceeding in accordance with the Contract Documents and Project Schedule.
- 13.3.1.1.2 The Design Professional shall coordinate the timing of these visits with the Owner's Representative and the Weekly Progress Meeting, so as to permit joint observations of the progress of the Work.
- 13.3.1.1.3 Design Professional shall keep Owner informed of the progress and quality of the Work on the basis of the on-going site visits.
- 13.3.1.1.4 The Design Professional shall submit to Owner a detailed written report of the results of each visit to the site, and copies of all field reports and notes of meetings with the contractor's team.
- 13.3.1.1.5 The Design Professional shall report to Owner any defects and deficiencies in the Work coming to the attention of Design Professional.
- 13.3.1.1.6 The Design Professional shall make on-site observations utilizing the same personnel over the course of the Work.
- 13.3.1.2 The Design Professional shall assist the Owner in determining the cost of re-inspections due to the Contractor's failure to perform.
- 13.3.2 Design Professional's Consultants – Site Visits
- 13.3.2.1 The Design Professional's Consultants will be required to visit the site at least once a week when their respective portion of the work is in progress. The visits shall coincide with the Weekly Progress Meeting.
- 13.3.2.1.1 The Consultants shall submit to the Design Professional a

detailed written report of the results of each visit to the site, and copies of all field reports and notes of meetings with the contractor's team for the Design Professional review and consultation with the Owner.

13.3.2.1.2 The Consultant shall report to Design Professional any defects and deficiencies in the Work coming to the attention of Consultant for the Design Professionals review and consultation with the Owner.

13.3.2.1.2.1 Consultant shall maintain a listing of such items and track the items for closure.

13.4 The Design Professional shall not have control over or charge of, and shall not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work.

13.5 Design Professional shall at all times, have access to the Work whenever it is in preparation or progress.

13.5.1 The Design Professional and the Consultants shall review and advise the Owner as to whether the Contractor is making timely, accurate, and complete notations on the "Project Record Documents" and maintaining various other administrative records as required by the Contract Documents.

13.5.1.1 Complete notations to the "as built" drawings shall include, but not be limited to all changes due to RFI's, ASI's, COD's, and CO's

13.5.2 The Owner may require the Design Professional and the Consultants to submit additional written materials or forms to the Owner relating to or regarding the Project or its progress.

13.6 The Design Professional shall assist Owner in determining the amounts owing to Contractor based on observations at the site and on evaluations of Contractor's Applications for Payment and shall certify Certificates for Payment in such amounts as provided in the Contract Documents and in such form as Owner may request.

13.6.1 The certification of a Certificate for Payment shall constitute a representation by the Design Professional to the Owner, based on the Design Professional's observations at the site and on the data comprising the Contractor's Application for Payment, that the Work has progressed to the point indicated and that the quality of the Work is in substantial accordance with the contract documents and that Contractor is entitled to payment in the amount certified.

13.6.1.1 The certification of a Certificate for Payment is not an acceptance of any in place or stored, work, materials or equipment.

- 13.7 The Design Professional shall render written advisory decisions, within a reasonable time on all claims, disputes and other matters in question between Owner and Contractor relating to the execution or progress of the Work or the interpretation of the Contract Documents.
- 13.8 All interpretations and advisory recommendations of the Design Professional shall be consistent with the intent of, and reasonably inferable from, the Contract Documents and shall be in writing or in the form of drawings. In the capacity of interpreter, the Design Professional shall endeavor to secure faithful performance by both the Owner and Contractor, and shall not show partiality to either.
- 13.9 The Design Professional shall recommend to the owner, the rejection of Work which does not conform to the Contract Documents.
- 13.10 The Design Professional shall not have authority to stop the Work without approval of the Owner.
- 13.11 Whenever, in the Design Professional's opinion, it is necessary or advisable, the Design Professional shall recommend/advise to the owner, that special inspection or testing of the Work in accordance with the provisions of the Contract Documents shall occur, whether or not such Work be then fabricated, installed or completed.
 - 13.11.1 Owner shall furnish all such tests, inspections and reports that are required by law or by the Contract Documents or provide documentation that the item has previously been approved via inspection or testing.
 - 13.11.2 The Design Professional shall monitor all such testing or inspections.
- 13.12 The Design Professional shall promptly review, and take other appropriate action upon Contractor's submittals such as shop drawings, product data and samples, per conformance with the design concept of the contract documents. Such action shall be taken within fourteen (14) days of receipt by Design Professional unless Owner and Design Professional otherwise mutually agree.
 - 13.12.1 Design Professional's review shall not constitute review or approval of safety precautions or of construction means, methods, techniques, sequences or procedures.
 - 13.12.2 Design Professional shall maintain a log of all submittals made and shall compare the submittals with Contractor's progress schedule.
 - 13.12.3 The Design Professional shall not approve changes to the contract or substitutions through the regular submittal process.
 - 13.12.3.1 All final decisions with respect to substitutions, Request for Proposals,

Change Orders, and other contract modifications shall be at the sole determination of the Owner.

13.12.4 The Design Professional shall be compensated for reviewing re-submittals after the first re-submittal of a respective submittal as a reimbursable expense with the Owner reimbursed by the Contractor under provisions of the Contract Documents.

13.12.5 The Design Professional will advise the Owner of the circumstances of all Submittal reviews requiring more than fourteen (14) days processing time.

14.0 Design Change Management

14.1 The Design Professional shall have authority to order minor changes in the Work not involving an adjustment in the contract sum or an extension of the contract time and which are not inconsistent with the intent of the Contract Documents. Such minor changes shall be effected by written order issued through Owner.

14.1.1 The Design Professional shall provide recommendations concerning Request for Proposals, Change Orders, and Construction Change Directives and for their preparation, permitting and issuance to the contractor.

14.1.2 The Design Professional shall coordinate with the Owner and comply with the Owner's written procedure and "Construction" Contract concerning the Owner's required review of Request for Proposals, Change Orders and Construction Change Directives... what is, where is the written procedure??

14.1.2.1 Meet with the Owner's Project Manager prior to the preparation and execution of Request for Proposals and Change Order items to ensure that the changes comply with the intent of the proposed changes relative to the Project's original scope, the construction schedule and to Contractor entitlement for additional sums or contract time for the proposed Work.

14.1.2.2 Submit written and graphic information documenting proposed changes for formal review by the Owner's Project Manager and Cost Estimator prior to the issuance to the Contractor.

14.1.2.3 Review and indicate concurrence through signing the Request for Proposals etc. for Owner's authorization.

14.1.2.4 Process, prepare and issue contract modification documents, in a timely manner and not allow the period required for evaluation, preparation or to issue such documents to exceed fourteen (14) days. The Design Professional shall provide written notification to the Owner concerning

those modification documents requiring more than fourteen (14) days processing time with an attached explanation of the circumstances requiring longer processing time.

15.0 Cost Management Responsibilities

- 15.1 The Design Professional shall review and analyze all proposals submitted by the Contractor relative to scope changes, cost impacting items, and time impacting items.
- 15.2 The Design Professional shall present his findings to the Owner.
- 15.3 The Design Professional shall, at the Owners request, review the proposals and his analyze with the Contractor in review sessions with the Owner.
- 15.4 The Design Professional shall log and track all proposals provided to him for his review.

16.0 Substantial Completion

- 16.1 Upon request to be awarded Substantial Completion by the contractor, The Design Professional shall schedule a joint inspection of the work with the Contractor. The Contractor shall provide a copy of his punch list to the Design Professional for use in the review to add and subtract items from the list. Upon completion of the review the Design Professional shall compile an Official Punch List of the work not complying with the Project Documents. He shall evaluate the cost to complete the work and if it does not exceed 2% of the total contract value, in his opinion, the Design Professional shall issue a Certificate of Substantial Completion to the Contractor.
- 16.2 The Design Professional shall administer the Contractor's submittal of various closeout submittals including warranty documents, operations and maintenance materials, extra materials, and other closeout submittals as required by the Contract Documents.
- 16.3 The Design Professional shall review, and forward to Owner for Owner's review, written warranties, operations and maintenance manuals as required by the Contract Documents as assembled by the Contractor.
 - 16.3.1 The Design Professional and the Consultants shall verify and confirm the Contractor's successful demonstration of equipment and systems and the training of the Owner's personnel as required by the Contract Documents.
- 16.4 Design Professional shall inspect the Project upon Contractor notice stating the work has completed 100%. If the Design Profession agrees, he shall advise the Owner in writing to schedule a final walk thru with the Owner and the contractor. If the Owner agrees. The Design Professional shall prepare and execute the required forms and documents indicating that the Work is completed in compliance with the Contract Documents.

16.5 At the appropriate time, the Design Professional shall certify Contractor's final certificate for payment.

16.6 The Design Professional shall within sixty (60) days of final acceptance provide the Owner with prints and electronic media copies of the original drawings, which the Design Professional has revised to conditions based on information furnished by the Contractor as Project Record Documents.

16.6.1 These prints and electronic media copies shall become the property of the Owner.

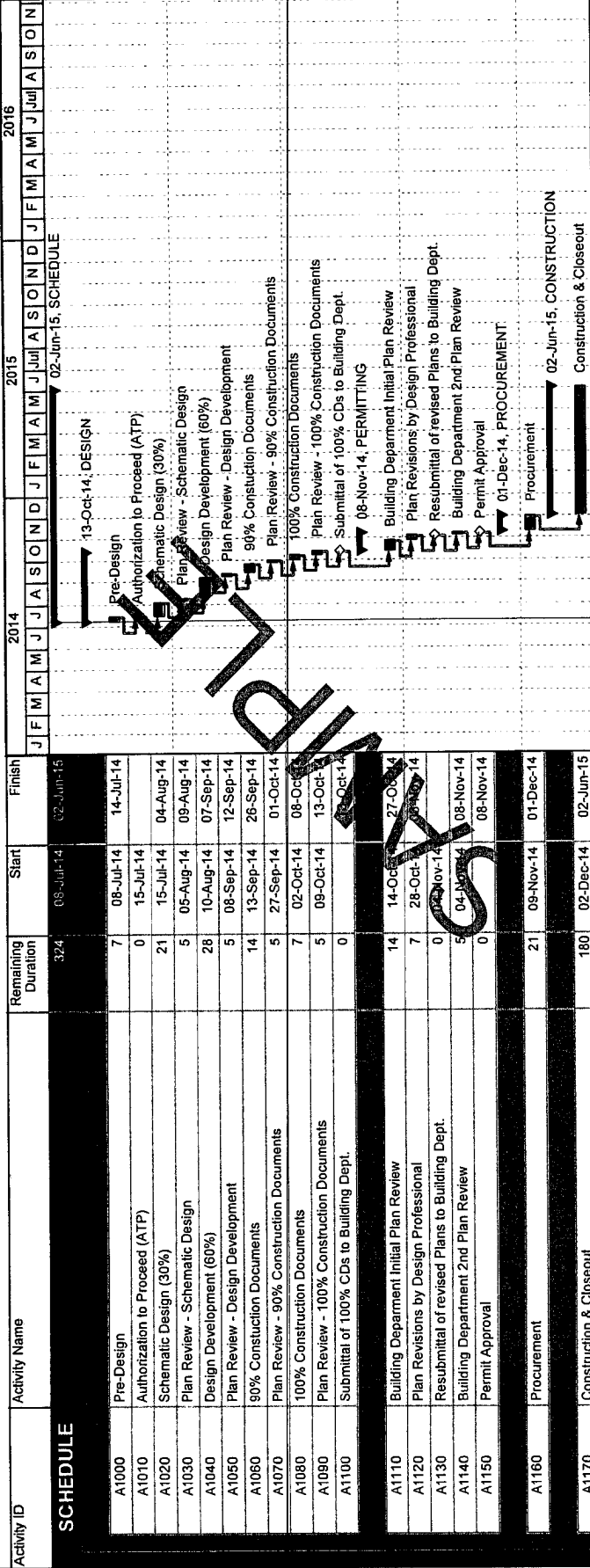
16.6.2 Submittal of these documents to the Owner is a condition of final payment of construction administration fees to the Design Professional.

17.0 Warranty Administration

17.1 The Design Professional shall for one year following substantial completion of the construction project, assist the Owner, in securing correction of defects, and shall in the sixth and eleventh months make inspections of the project with the Owner and report observed discrepancies to the Owner and Contractor.

END

Owner's Initial Schedule



Actual Work [Solid Bar] Critical Remaining Work [Dashed Bar] Summary [Arrow]

Remaining Work [Dotted Bar] Milestone [Diamond]



**PSA Attachment #4
SAMPLE PERMITTING PLAN FORMAT**

Project Title: _____
 SBCC Project Manager: _____
 Design/Engineering Firm: _____

Notes: The following is intended to be a guideline of the list of permits and required documents that may be required for the project; however the list is not all inclusive and it is the responsibility of the design/engineering professional to obtain all applicable permits and/or approvals.
General Instructions: This form is also intended to be used as a tracking mechanism for each type of permit required for the project. The design/engineering professional will be responsible for completion of this form. For each type of permit, please describe the type of application/forms required and the corresponding agency along with the other information required.

TREE PERMITS											
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Agency Approval No. and/or Permit No.	Comments
		Broward County DPEP									
CONCEPTUAL TRAFFIC/ENGINEERING											
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Agency Approval No. and/or Permit No.	Comments
		Broward County Traffic Engineering									
PLAT APPROVAL (if not previously recorded)											
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Agency Approval No. and/or Permit No.	Comments
		Municipal Planning and Zoning Broward County Development Dept									
SURFACE WATER MANAGEMENT											
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Agency Approval No. and/or Permit No.	Comments
		SFWMD or DPEP Water Resources Division or Local Drainage district									
WATER USE											
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Agency Approval No. and/or Permit No.	Comments
		SFWMD Joint Water Resources									
DREDGE AND FILL											
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Agency Approval No. and/or Permit No.	Comments
		DPEP									
WATER DISTRIBUTION											
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Agency Approval No. and/or Permit No.	Comments
		Broward County Health Department									
WASTE WATER COLLECTION											
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Agency Approval No. and/or Permit No.	Comments
		Broward County DPEP									



**PSA Attachment #4
SAMPLE PERMITTING PLAN FORMAT**

Project Title: _____
 SBBC Project Manager: _____
 Design/Engineering Firm: _____

Note: The following is intended to be a guideline of the list of permits and required documents that may be required for the project; however the list is not all inclusive and it is the responsibility of the design/engineering professional to obtain all applicable permits and/or approvals.
 General Instructions: This form is also intended to be used as a tracking mechanism for each type of permit required for the project. The design/engineering professional will be responsible for completion of this form. For each type of permit, please describe the type of application/forms required and the corresponding agency along with the other information required.

Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Date of Agency Approval	Agency Approval No. and/or Permit No.	Comments
WATER AND SEWER UTILITIES AND ENGINEERING APPROVAL												
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Date of Agency Approval	Agency Approval No. and/or Permit No.	Comments
		Local Municipality										
		Public Works County and Local Engineering Department										
ROAD WORK APPROVAL												
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Date of Agency Approval	Agency Approval No. and/or Permit No.	Comments
		Broward County Traffic Engineering										
SIGNALIZATION, TRAFFIC SIGNAGE AND MARKINGS												
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Date of Agency Approval	Agency Approval No. and/or Permit No.	Comments
		Broward County Traffic Engineering										
BUILDING DEPARTMENT 1												
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Date of Agency Approval	Agency Approval No. and/or Permit No.	Comments
	90% REVIEW	SBBC BUILDING DEPARTMENT						DISCUSS	DISCUSS		N/A	
BUILDING DEPARTMENT 2												
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Date of Agency Approval	Agency Approval No. and/or Permit No.	Comments
	100% REVIEW	SBBC BUILDING DEPARTMENT										
FIRE DEPARTMENT												
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Date of Agency Approval	Agency Approval No. and/or Permit No.	Comments
		FIRE DEPARTMENT										
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Date of Agency Approval	Agency Approval No. and/or Permit No.	Comments
		Agency										
Item No.	Description	Agency	Responsible Party	Date of Initial Application Submittal	Agency Application Number	Date of Expected Comments	Date of Agency Comments	Date of Response to Comments	Date of Expected Comments	Date of Agency Approval	Agency Approval No. and/or Permit No.	Comments
		Agency										

Design Professionals Invoice Format

The School Board of Broward County, Florida requires submittal of the Design Professional's invoice on the District's standard invoice forms attached to a transmittal form or letter on the Design Professional's company letterhead. Include the information and attachments described below:

1. Letterhead Containing Firm Information

- A. Firm Name
- B. Address
- C. Telephone and FAX Numbers
- D. Consultant's Invoice Reference Number

2. Address Transmittal/Letter to:

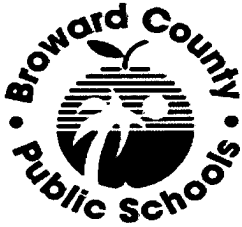
Office of Facilities and Construction
The School Board of Broward County, Florida
3775 SW 16th Street
Fort Lauderdale, FL 33312
Attention: Name of Project Manager

3. Ensure that Transmittal/Letter references the following information:

- A. Date of submittal.
- B. The Invoice Number for ATP Number (example: Invoice No. 01 for ATP No. 01).
- C. The School Board of Broward County's Purchase Order No.: (Which will be provided by the Facilities Project Manager at the beginning of the project.)
- D. Name of Facility (and Facility Number).
- E. Name of Project
- F. School Board Project Number

4. Ensure attachment of the following documents to the Transmittal/Letter:

- A. Design Professional's Invoice Form
- B. Design Professional's Reimbursable Invoice Form
- C. Copy of signature page (page 3 of 3) of the Design Professional's Authorization to Proceed.



The School Board of Broward County, Florida
 Florida Facilities and Construction Management Department
 3775 SW 16th Street Fort Lauderdale, FL 33312 (754) 321-1500

Design Professional
 (Name)

Date:

Project No:

Facility Name:

Invoice No:

Project Title:

SBBC PO No.

Design Professional's

ATP No.

Remit to address:

Invoice From:

Project Manager

Original Basic Fee	\$	
Current basic fee	\$	

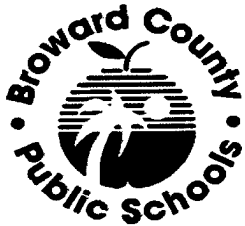
INVOICE TOTALS:

Summary	Current Fee	Previously Billed	This Invoice	Balance
Basic Services	\$	\$	\$	\$
Reimbursable	\$	\$	\$	\$
Total:	\$	\$	\$	\$

BASIC FEE TOTALS:

Period	Fee	Previously Billed	This Invoice	Balance
From to dates	\$	\$ % \$	% \$	%
	\$	\$ % \$	% \$	%
	\$	\$ % \$	% \$	%
	\$	\$ % \$	% \$	%
	\$	\$ % \$	% \$	%
Other Services	\$	\$ % \$	% \$	%
Total Previously Billed:		\$		
Total Amount This Invoice:			\$	
Total Balance:				\$

Submitted By: Name: Title: Date: (Signature)	Certified By: Name: Title: Project Manager Date: (Signature)	Recommended By: Name: Title: Date: (Signature)	Approved By: Name: Title: Date: (Signature)
--	---	---	--



The School Board of Broward County, Florida
 Florida Facilities and Construction Management Department
 3775 SW 16th Street Fort Lauderdale, FL 33312 (754) 321-1500

Design Professional's Reimbursable Invoice

Project No:
 Project Title:
 Design Professional's:
 Remit to address:

Facility Name: Invoice No:
 SBBC PO No.
 ATP No.
 Invoice From:
 Project Manager:

Item No.	Date	Reimbursable Item	Amount
Invoice Total			\$

Receipts for each Item must be attached.

Current Contract Amount:	\$		
Total This Invoice:		\$	
Total Previously Billed:			\$
Total Balance:			\$

Submitted By: Name: Title: Date:	Certified By: Name: Title: Project Manager Date:	Recommended By: Name: Title: Date:	Approved By: Name: Title: Date:
(Signature)	(Signature)	(Signature)	(Signature)

Attachment 6.a

May 23, 2016
 Philip D. Kaufold, Manager, Construction
 School Board of Broward County
 Office of Facilities & Construction



MCHarry Associates, Inc.
 2780 SW Douglas Road
 Miami, Florida 33133
 305-445-3765

Re: Atlantic Technical College RFQ 16-082F GoBond Repairs and Renovation
 Dear Mr. Kaufold,:

This is our proposal for Architectural and Engineering services necessary to develop construction documents for Selected Renovation and Repair Scope associated with RFQ 16-082F at Atlantic Technical College for the School Board of Broward County. This scope is in alignment with the ADEFP, however the construction budget for this scope has not been validated. The AE fee presented is based on the FLCC budget shown and then benchmarked to the percentage fee provided in the PSA. Once MCHarry and our team complete the Scope Validation phase of the contract, we understand that if there is a change in either scope or budget, including FLCC, we will present our fee adjustment, and SBBC will permit and allow the fee to be equitably adjusted to the required FLCC. The summary of the scope is as follows and a more detailed narrative is included herein;

	ADEFP (proj Cost)	SBBC Provided FLCC
Fire Sprinklers	\$1,482,000	\$1,018,955
Roofing (incl below)		
Envelope Repairs	\$2,710,000	\$1,863,272
Media Center Renovations	\$118,000	\$81,131
HVAC Improvements	\$4,642,000	\$3,191,627
	\$8,952,000	\$6,154,985

SBBC provided FLCC \$6,154,985

Approx. Time Frame (in days)		6	10	31	16	52
		PreDesign Scope Validation Phase	Final Site Validation and 30% Design	Contract Documents (60%-90%)	Bidding	Construction Admin
Task	Total hours & fee		Basic Services;			
Architectural	3,578 Hrs \$342,849 Fee	351 \$34,300	1,046 \$102,600	1,263 \$113,000	68 \$6,900	850 \$86,049
Structural Engineer	78 Hrs \$8,200 Fee	0 \$0	35 \$3,700	43 \$4,500	0 \$0	0 \$0
SGM - MEP Engineer 36.6%	1,938 Hrs \$202,900 Fee	188 \$20,300	564 \$61,000	619 \$66,900	32 \$4,000	535 \$50,700
Civil Engineer 0%	0 Hrs \$0 Fee	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0
Sub-Total Hrs	5,594 Hrs	539	1,645	1,925	100	1,385
Sub-Total Fee \$\$	\$553,949 Fee	\$ 54,600	\$ 167,300	\$ 184,400	\$ 10,900	\$ 136,749
			9.0% BASIC SERVICES		\$ 553,949	
		<i>Reimbursable Expense Allowance (at Cost) **</i>				\$ 25,051
		<i>**[Printing; Underground Utility Surveys; Non-destructive Testing++]</i>				
		LUMP SUM FEE				\$ 579,000

James Piersol

Attachment 6.a

May 23, 2016

Atlantic Technical College

RFQ 16-082F



MCHarry Associates, Inc.
2780 SW Douglas Road
Miami, Florida 33133
305-445-3765

The following is a summary of the Scope outline as determined by a review of various preliminary documents provided by SBBC. This scope is in general alignment with the ADEFP, however the construction budget for this scope has not been validated. The AE fee presented is based on the FLCC budget shown and then benchmarked to the percentage fee provided in the PSA.

Once MCHarry and our team complete the Scope Validation phase of the contract, we understand that if there is a change in either scope or budget, including FLCC, we will present our fee adjustment, and SBBC will permit and allow the fee to be equitably adjusted to the required FLCC before moving forward into the Construction Document phase.

Fire Sprinklers: we understand the scope is new Fire sprinklers for Buildings 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 20 totaling about 129,000 sf. New ceilings will not be required, and are not budgeted, but could be considered. No work is identified in Building 16, 20 or 22. A fire main loop has not been considered at this time, as there was no identified scope or budget identified within the FLCC. We will investigate the need for this scope and recommend the appropriate FLCC and scope during the scope validation phase

Building Envelope Improvements:

Roofing: provide re-roofing and related repairs to 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 22 and 23 totaling about 129,000 sf + about 48,000 sf of reroofing of concrete covered walkway systems. It is expected that this scope will involve replacement insulation, some deck repair, and repairs to the rainwater collection systems as needed (scuppers, downspouts, roof drain inlets). ** some deck systems at this school are techtum and have required 'blue sky' replacment before. Although not currently budgeted we will also review the potential impact to the MEP trades that might need to be added if there is roof mounted MEP equipment.

Exterior Painting: provide new paint on exterior of Buildings 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 16, 17, 18, 20, 22 and 23 totaling about 165,000 sf or wall.

Media Center Renovations. Construction budget of \$79,000 identified. Renovate the 3,100 SF Media Center with new finishes at \$25/sf. Confirm if lighting is to be included.. The project budget will not support HVAC upgrades or reconfiguring, remodeling.

HVAC Improvements. The FLCC indicates a budget of \$2.3M at the sub contract level. The various scope documents we have reviewed have identified various scope, but it is unclear precisely what will be included. MCHarry will review the conditions, current reports and develop the final scope. Generally we understand the scope could include; Full replacement of the Chillers and Cooling Tower, Chilled Water Piping system throughout and between buildings, replacement of about 30 to 35 AHU/ Package AC units on a 1x1 basis, upgrade controls to DDC, (remove pneumatic systems, replacing VAV boxes); Ductwork replacement associated with AHU replacements. The specific scope will need to be developed and balanced against the FLCC available. No AHU replacement was identified in Building 5, 9, 14, 16, but this will be validated.

May 23, 2016

Atlantic Technical College

RFQ 16-082F

Attachment 6.a



MCHarry Associates, Inc.
2780 SW Douglas Road
Miami, Florida 33133
305-445-3765

List of Raw Salary Rates - Average for puposes of establishing estimated man hours

	Raw- Ave	Billing	Multplier
Principal	na	\$ 165	2.81
Sr. Proj. Mgr/Arch	\$ 48.08	\$ 135	
Proj Mgr/Architect	\$ 39.42	\$ 111	
Engineer	\$ 43.27	\$ 122	
Specification	\$ 31.25	\$ 88	
Drafting	\$ 27.88	\$ 78	
Gross Ave Billing Rate		\$ 99	

Project Schedule

	Calendar Days
Scope Validation	28
SBBC Review	14
Construction Documents	
30% Completion	56
SBBC Review	14
60% Completion	112
SBBC Review	21
90% Completion	56
SBBC Review	7
100% CD Submittal	21
Initial Building Department Review	21
AE Response to Comments	14
Final Comments/Approvals	14
Bidding and Award	90
Construction Phase	365
Warranty Phase	365

Atlantic Technical College

Adopted District Educational Facilities Plan							
Project	Carryover (2014-15)	Year 1 (2015-16)	Year 2 (2016-17)	Year 3 (2017-18)	Year 4 (2018-19)	Total	Scope
Canopy Replacement	405,000					405,000	Demolish existing canopy and install new Main Entrance Canopy at Building #1. Scope of work includes new lighting and lighting protection, concrete slab and structural concrete columns, storm drainage, revised stairs, planters and handrails.
HVAC	5,051,469					6,051,469	IAQ Repairs - HVAC
Re-Roof	221,400					221,400	Demolish existing roofing and tectum decking down to bar joists on Building #8. Install new metal decking and SBS Modified roof system and related accessories.
ADEFP Sub-Total	626,400	0	0	0	0	626,400	

SMART Program							
Project	Carryover (2014-15)	Year 1 (2015-16)	Year 2 (2016-17)	Year 3 (2017-18)	Year 4 (2018-19)	Total	Scope
Safety & Security		1,482,000 *				1,482,000	Fire Sprinklers
Renovation	161,000					161,000	Wireless Network Upgrade
Renovation		100,000				100,000	School Choice Enhancement
Renovation		118,000 *				118,000	Media Center Improvements
Renovation		4,642,000 *				4,642,000	IAQ Repairs - HVAC
Renovation	18,000					18,000	CAT 6 Data port Upgrade
Renovation		2,710,000 *				2,710,000	Building Envelope Improvements (Roof, Window, Ext Wall, etc.)
Technology	483,000					483,000	Technology Infrastructure (Servers, Racks, etc.) Upgrade
SMART Sub-Total	662,000	9,052,000	0	0	0	9,714,000	

	Carryover (2014-15)	Year 1 (2015-16)	Year 2 (2016-17)	Year 3 (2017-18)	Year 4 (2018-19)	Total
School Total	1,288,400	9,052,000	0	0	0	10,340,400

*Project Scope Included

Attachment 6.b

Design Fees for Owner Changes -

CONSTRUCTION CONTRACT VALUE	FEE PERCENTAGE		
	PROJECT COMPLEXITY (see Definitions Below)		
	Non Complex	Intermediate	Complex
Less than \$1M	10.00%	11.00%	12.00%
\$1M - <\$2M	8.00%	9.00%	10.00%
\$2M - <\$4M	7.50%	8.50%	9.50%
\$4M - <\$10M	7.00%	8.00%	9.00%
\$10M - <\$15M	6.50%	7.50%	8.50%
\$15M - <\$20M	6.00%	7.00%	8.00%
\$20M - \$40M	5.80%	6.50%	7.50%

PROJECT COMPLEXITY - DEFINITIONS

NON COMPLEX:

Includes basic architectural and/or civil work and roofing
 Electrical – 110V only
 Mechanical – simple replacement of components
 Plumbing – replacement of fixtures and immediate piping
 Civil – trenching, slabs on grade, fencing, sidewalks, landscaping

INTERMEDIATE – (Non Complex plus)

Includes Architectural, Civil and MEP
 Architectural – renovations to exterior non-load bearing walls, windows, doors
 Mechanical – replacement of components and existing controls
 Fire – minor revision to sprinkler systems
 Electrical – 110/220V systems
 Plumbing – new/modifications to distribution

COMPLEX – (Intermediate plus)

Includes multi-discipline work including civil, architectural, MEP, fire protection and controls system
 Mechanical - Major equipment and controls system
 Electrical – High voltage, 480V, 220V & 110V
 Fire – Sprinkler system and controls systems
 Plumbing – above & below grade

School Board of Broward County, FL
 Fee Chart - URS 15-0925

Supplemental Services

1.0 The services listed below are normally considered to be beyond the scope of Basic Services as defined in this Agreement. If the item or items below are listed in your specific Project Scope then the items are considered Basic Services for your specific Project. If the scope of services is requested after the initial Authorization to Proceed, then standard procedure for a design scope change is to be followed to establish the cost for the change prior to the work being accomplished.

2.0 Scope Items

- 2.1 Providing special analysis of the Owner's needs, and special detailed programming requirements for a project.
- 2.2 If the project needs are so unique that a special analysis of the requirements is necessary to establish a more detailed program.
- 2.3 Providing financial feasibility, or other special studies.
- 2.4 Providing planning surveys, site evaluations, or comparative studies of prospective sites.
- 2.5 Providing services relative to future facilities, systems and equipment which are not intended to be constructed as part of the current Project's construction phase.
- 2.6 Providing services to make measured drawings or partial measured drawings of the existing site or facilities.
- 2.7 Providing the services of a cost estimating firm beyond the basic services described in the contract. The choice of the estimating firm, qualifications of the firm and the terms of employment of the firm shall be approved in writing in advance by the Owner or may be the Owner's independent cost estimator.
- 2.8 Providing interior design services required for or in connection with the selection of furniture or furnishings, except equipment included in the Construction Contract and identified in the educational specifications.
- 2.9 Providing investigations and making detailed appraisals and valuations of existing facilities, and surveys or inventories required in connection with construction performed by the Owner.
- 2.10 Providing the services of one or more full-time Construction Inspector during construction; including the services of a Special Threshold Inspector.
- 2.11 Providing extended assistance beyond that provided under Basic Services for the initial start-up, testing, adjusting and balancing of any equipment or system; extended training of Owner's personnel in operation and maintenance of equipment and systems, and consultation during such training; and preparation of operating and maintenance manuals, other than those provided by the Contractor, subcontractor, or equipment manufacturer.
- 2.12 Providing consultation concerning replacement of any Work damaged or built inconsistent with the Contract Drawings, providing the cause is found by the Owner to be other than by fault of the Design Professional.
- 2.13 Providing consultation concerning replacement of any Work damaged by fire or other cause during construction, and furnishing services as may be required in connection with the replacement of such Work.

- 2.14 Preparing revisions of Schematic Design, Design Development, and Construction Document Phase Documents previously approved in writing by Owner, when so directed in writing by Owner. Standard change process to be utilized. Compensation for Supplemental Services will not be paid for revisions due to design errors or omissions. Compensation for Supplemental Services will not be paid for revisions due to bids exceeding the "fixed limit of construction cost," unless the Design Professional has previously projected cost overruns at the Design Development Phase.
- 2.15 Providing services made necessary by the default of the Contractor, or any major unanticipated defects or deficiencies in the Work of the Contractor or any Sub-contractor.
- 2.16 Preparing change orders and related documents for significant changes in the scope of the project as requested by the Owner in writing. Compensation for Supplemental Services will not be paid for revisions due to design errors or omissions.
- 2.17 Review of extensive claims by the Contractor or others relating to the Project.
- 2.18 Providing revisions in drawings, specifications or other documents required by the enactment or revision of codes, laws or regulations subsequent to the preparation of such documents.
- 2.19 Preparing to serve or serving as an expert witness in connection with any public hearing, arbitration proceeding or legal proceeding.
- 2.20 Providing services after certification to the Owner of that Final Certificate for payment, and said payment has been made to the Contractor.
- 2.21 Providing any other services not otherwise included in this Agreement or not customarily furnished in accordance with generally accepted Architectural Practice related directly to construction.
- 2.22 The Design Professional shall be compensated for reviewing re-submittals after the first re-submittal of a respective submittal as a reimbursable expense with the Owner reimbursed by the Contractor under provisions of the Contract Documents. The Owner is to be advised in writing prior to performing the third review.
- 2.23 Investigative demolition work to determine existing conditions.

Electronic Media Requirements

All Work product for all projects, requires hard copies, electronic copies (PDF) and electronic original copies. The electronic media requirements are as listed below.

ELECTRONIC MEDIA

1.0 General Information

- 1.1 The School Board of Broward County, Florida contracts with one or more Internet bid advertising and distribution services. The Design Professional shall post the complete bid package to these services upon written notification by the Owner. The posted documents shall be read only documents and the file format shall be PDF.

2.0 Software Requirements

2.1 Word Processing

- 2.1.1 Provide word processing files in Microsoft Word for Windows compatible file formats including all information necessary for remote printing.

2.2 Spreadsheets

- 2.2.1 Provide spreadsheet files in Microsoft Excel for windows compatible file formats including all information necessary for remote printing.

2.3 Computer aided Design and Drafting

- 2.3.1 Provide all CADD files as AutoCAD 2010 files, Window's version.

3.0 CAD Standards

3.1 Standard plotted drawing size: 24 inch x 36 inch or 30 inch x 42 inch sheets.

- 3.1.1 All sheets within a set shall be the same size unless pre-approved otherwise. (for example survey sheets)

3.2 Design Professional shall provide to the Owner the standard file naming Protocol they will be utilizing.

3.3 CAD File Layering

- 3.3.1 Conform to the most up to date guidelines defined by the American Institute of Architects (AIA) standard document, "CAD Layer Guidelines."

- 3.3.2 Provide the required Layering for the Florida Inventory of Schoolhouses (F.I.S.H.) documents

- 3.3.1.1 The F.I.S.H. layering scheme is not available on-line. It can be requested through:

Facility Planning and Real Estate
600 SE 3rd Avenue, Fort Lauderdale, FL 33312 754-321-1932

- 3.3.3 Provide a separate list of all layers which do not conform to the standard AIA CAD Layer Guidelines or the FISH layering scheme.
- 3.4 No custom hatch patterns shall be utilized.
- 3.5 All symbols and blocks to have descriptive names
- 4.0 Electronic Media Delivery Requirements
 - 4.1 Transmittals shall include the following
 - 4.1.1 The Project Number, Project Title and date
 - 4.1.2 The Facility Name
 - 4.1.3 The submittal type
 - 4.1.4 The format and version of the software.
 - 4.1.5 An attached Listing of file names with the latest document publish dates
 - 4.2 All electronic media shall contain an attached label which shall identify 4.1.1, 4.1.2, and 4.1.3.
 - 4.3 Document clean-up
 - 4.3.1 Before a CADD file is placed on the delivery electronic digital media, the following procedures shall be performed:
 - 4.3.1.1 Purge all files and remove all extraneous graphics outside the border area.
 - 4.3.1.2 Make sure all reference files are attached without device path
 - 4.3.1.3 All required project files both graphic and nongraphic, shall include color tables, pen tables, font libraries, block libraries, user command files, plot files, etc. All project related blocks must be provided to the Owner as a part of the electronic digital deliverables.
 - 4.3.1.4 Make sure that all support files such as those listed above are in the same directory and that references to those files do not include device Path.
 - 4.4 The following Plot File Development and Project Documentation Information shall be submitted as an enclosure or attachment to the transmittal letter provided with each electronic digital media submittal.
 - 4.4.1 Documentation of the plot files for each drawing which will be needed to be able to allow identical plotting by the Owner at a later date. This documentation shall include the plotter configuration (e.g., name and model of plotter), pen settings, drawing orientation, drawing

size, and any other special instructions.

4.4.2 Instructions concerning how to generate plotted, drawings from the provided plot files.

4.5 Provide all symbols and blocks used in the project in a separate files.

4.6 List of all database/spreadsheet files associated with each drawing, as well as a description and documentation of the database format.

5.0 Ownership: Refer to Agreement for specific Owner and Design Professional's rights.

6.0 Documents for the Construction Contractor:

6.1 The Owner and the Design Professional shall make various electronic information available to the Contractor during the Construction phase of the Project.

7.0 Where electronic media submittals of final site surveys are required: Provide electronic copies of any existing site survey data already on electronic media.

8.0 At the Contractors option, the Design Professional will provide the Contractor one set of AutoCAD (.dwg) electronic file format contract drawings, to be used for as built drawings at the Contractor's option. Note that the Architect's name and information to be removed.

The School Board of Broward County, Florida

RFQ # and NAME RFQ 16-082F Atlantic Technical College

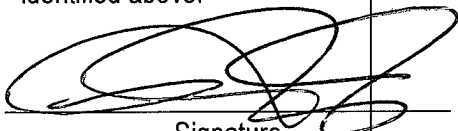
DISCLOSURE OF POTENTIAL CONFLICT OF INTEREST AND CONFLICTING EMPLOYMENT OR CONTRACTUAL RELATIONSHIP

In accordance with the RFQ, each Proposer must disclose, in its RFQ, the names of any employees who are employed by Proposer who are also an employee of SBBC. Persons identified below may have obligations and restrictions applicable to them under Chapter 112, Florida Statutes.

Name of Proposer's Employee	SBBC Title or Position of Proposer's Employee	SBBC Department/ School of Proposer's Employee
None - Not Applicable		

Check one of the following and sign:

- I hereby affirm that there are no known persons employed by Proposer who are also an employee of SBBC.
- I hereby affirm that all known persons who are employed by Proposer, who are also an employee of SBBC, have been identified above.



 Signature

M.C. Harry and Associates, Inc.

 Company Name

James Piersol

 Name of Official

2780 SW Douglas Road, Miami FL 33133

 Business Address

2780 SW Douglas Road, Miami FL 33133

 City, State, Zip Code

Design Professional Company Name: _____

<p>Monthly Utilization Reports to be Submitted to: The School Board of Broward County, Florida Supplier Diversity & Outreach Program 7720 West Oakland Park Boulevard, Suite 323 Sunrise, FL 33351-6704</p>	<p>754-321-0550 Telephone 754-321-0934 FAX</p>
--	---

Monthly M/WBE Utilization Report

This report is to be provided monthly to coincide with the Design Professionals monthly billing.

1. Reporting Period From: _____ Reporting Period To: _____

This report is to be mailed directly to the Supplier Diversity & Outreach Program.

Design Professional Information

ADDRESS OF DESIGN PROFESSIONAL	CONTRACT AMOUNT (if applicable)	LENGTH OF CONTRACT	CONTRACT START DATE	CONTRACT END DATE	Contract M/WBE Goal %
Additional services listing					
Current Totals					

SUPPLIER DIVERSITY & OUTREACH PROGRAM VENDOR INFORMATION

NAME OF CERTIFIED M/WBE CONSULTANT	WORK DESCRIPTION	AMOUNT DRAWN/PAID TO VENDOR	AMOUNT FOR WORK PERFORMED DURING MONTH	AMOUNT PAID TO DATE	% of TOTAL PAID TO CONTRACT AMOUNT

Current Totals

Company Official's Signature & Title: _____

Phone # (____) _____ Date: _____

Form **W-9**
 (Rev. August 2013)
 Department of the Treasury
 Internal Revenue Service

**Request for Taxpayer
 Identification Number and Certification**

Give Form to the
 requester. Do not
 send to the IRS.

Name (as shown on your income tax return) **M.C. Harry and Associates, Inc.**

Business name/disregarded entity name, if different from above

Check appropriate box for federal tax classification:
 Individual/sole proprietor
 Limited liability company. Enter the tax classification (C-C corporation, S-S corporation, P-partnership) ▶
 Other (see instructions) ▶

Exemptions (see instructions):
 Exempt payee code (if any) _____
 Exemption from FATCA reporting code (if any) _____

Address (number, street, and apt. or suite no.)
2780 SW Douglas Road, Suite 302

City, state, and ZIP code
Miami, FL 33133

Requestor's name and address (optional)

List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note: If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number

			-						
--	--	--	---	--	--	--	--	--	--

Employer identification number

5	9	-	2	2	8	1	4	3	0
---	---	---	---	---	---	---	---	---	---

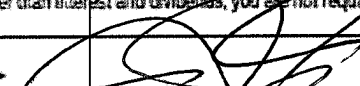
Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. citizen or other U.S. person (defined below), and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here

Signature of U.S. person ▶ 

Date ▶ **6/7/2016**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. The IRS has created a page on IRS.gov for information about Form W-9, at www.irs.gov/w9. Information about any future developments affecting Form W-9 (such as legislation enacted after we release it) will be posted on that page.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, payments made to you in settlement of payment card and third party network transactions, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued).
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1440 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1440 require a partnership to presume that a partner is a foreign person, and pay the section 1440 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1440 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States:

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity.
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust, and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Publication 615, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exemption contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following two items:

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if he or she stays in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 23, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exemption (under paragraph 2 of the first protocol) and is relying on this exemption to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS a percentage of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester.
2. You do not certify your TIN when required (see the Part II instructions on page 3 for details).
3. The IRS tells the requester that you furnished an incorrect TIN.
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 12/31/09).

Certain payees and payments are exempt from backup withholding. See Exempt payee code on page 3 and the separate instructions for the Requester of Form W-9 for more information.

Also see Special rules for partnerships on page 1.

What is FATCA reporting? The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See Exemption from FATCA reporting code on page 3 and the instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from that person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account, for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Name

If you are an individual, you must generally enter the name shown on your income tax return. However, if you have changed your last name, for instance, due to marriage without informing the Social Security Administration of the name change, enter your first name, the last name shown on your social security card, and your new last name.

If the account is in joint names, list first, and then last, the name of the person or entity whose number you entered in Part I of the form.

Sole proprietor. Enter your individual name as shown on your income tax return on the "Name" line. You may enter your business, trade, or "doing business as" (DBA) name on the "Business name/disregarded entity name" line.

Partnership, C Corporation, or S Corporation. Enter the entity's name on the "Name" line and any business, trade, or "doing business as" (DBA) name on the "Business name/disregarded entity name" line.

Disregarded entity. For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulation section 301.7701-2(c)(2)(ii). Enter the owner's name on the "Name" line. The name of the entity entered on the "Name" line should never be a disregarded entity. The name on the "Name" line must be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on the "Name" line. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on the "Business name/disregarded entity name" line. If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Note. Check the appropriate box for the U.S. federal tax classification of the person whose name is entered on the "Name" line (individual/sole proprietor, Partnership, C Corporation, S Corporation, Trust/estate).

Limited Liability Company (LLC). If the person identified on the "Name" line is an LLC, check the "Limited liability company" box only and enter the appropriate code for the U.S. federal tax classification in the space provided. If you are an LLC that is treated as a partnership for U.S. federal tax purposes, enter "P" for partnership. If you are an LLC that has filed a Form 8832 or a Form 2553 to be taxed as a corporation, enter "C" for C corporation or "S" for S corporation, as appropriate. If you are an LLC that is disregarded as an entity separate from its owner under Regulation section 301.7701-2 (except for employment and estate tax), do not check the LLC box unless the owner of the LLC (required to be identified on the "Name" line) is another LLC that is not disregarded for U.S. federal tax purposes. If the LLC is disregarded as an entity separate from its owner, enter the appropriate tax classification of the owner identified on the "Name" line.

Other entities. Enter your business name as shown on required U.S. federal tax documents on the "Name" line. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on the "Business name/disregarded entity name" line.

Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the Exemptions box, any code(s) that may apply to you. See Exempt payee code and Exemption from FATCA reporting code on page 3.

Example payee code. Generally, individuals (including sole proprietors) are not exempt from backup withholding. Corporations are exempt from backup withholding for certain payments, such as interest and dividends. Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.

Note. If you are exempt from backup withholding, you should still complete this form to avert possible erroneous backup withholding.

The following codes identify payees that are exempt from backup withholding:

- 1—An organization exempt from tax under section 501(c), any IRA, or a custodial account under section 402(f)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a possession of the United States
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(b)
- 11—A financial institution
- 12—A custodian known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4047

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 8 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$300 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.
² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney, and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements.

- A—An organization exempt from tax under section 501(c) or any individual retirement plan as defined in section 7701(a)(7)
- B—The United States or any of its agencies or instrumentalities
- C—A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities
- D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Reg. section 1.1472-1(c)(1)(i)
- E—A corporation that is a member of the same expanded affiliated group as a corporation described in Reg. section 1.1472-1(c)(1)(i)
- F—A dealer in securities, commodities, or derivative financial instruments (including national principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

- G—A real estate investment trust
- H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940
- I—A common trust fund as defined in section 584(b)
- J—A bank as defined in section 561
- K—A broker
- L—A trust exempt from tax under section 664 or described in section 4047(a)(1)
- M—A tax exempt trust under a section 403(b) plan or section 457(a) plan

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter 0 in the social security number box. If you do not have an ITIN, see How to get a TIN below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see Limited Liability Company (LLC) on page 2), enter the owner's SSN (or EIN if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is established as a corporation or partnership, enter the entity's EIN.

Note. See the chart on page 4 for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local Social Security Administration office or get this form online at www.ssa.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/businesses and clicking on Employer Identification Number (EIN) under Starting a Business. You can get Forms W-7 and SS-4 from the IRS by visiting IRS.gov or by calling 1-800-TAXFORM (1-800-829-5676).

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note. Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution. A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, or 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (where required). In the case of a disregarded entity, the person identified on the "Name" line must sign. Exempt payees, see Exempt payee code earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. **Interest, dividend, and barter exchange accounts opened before 1966 and broker accounts considered active during 1963.** You must give your correct TIN, but you do not have to sign the certification.
2. **Interest, dividend, broker, and barter exchange accounts opened after 1963 and broker accounts considered inactive during 1963.** You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.
3. **Real estate transactions.** You must sign the certification. You may cross out item 2 of the certification.
4. **Other payments.** You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).
5. **Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions.** You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Custodian account of a minor (Uniform Gift to Minors Act)	The minor ²
4. a. The usual revocable savings trust (grantor is also trustee) b. So-called trust account that is not a legal or valid trust under state law	The grantor-trustee ³ The actual owner ⁴
5. Sole proprietorship or disregarded entity owned by an individual	The owner ⁵
6. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulation section 1.471-4(f)(2)(A))	The grantor ⁶
For this type of account:	Give name and EIN of:
7. Disregarded entity not owned by an individual	The owner
8. A valid trust, estate, or pension trust	Legal entity ⁷
9. Corporation or LLC electing corporate status on Form 992 or Form 2553	The corporation
10. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
11. Partnership or multi-member LLC	The partnership
12. A broker or registered nominee	The broker or nominee
13. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
14. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulation section 1.471-4(f)(2)(B))	The trust

¹ Use first and either the name of the person whose number you furnish, if only one person on a joint account has an SSN, that person's number must be furnished.
² Circle the minor's name and furnish the minor's SSN.
³ You must show your individual name and you may also enter your business or "DBA" name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.
⁴ Use first and either the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see Special rules for partnerships on page 1.
⁵ Note: Grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is listed when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records from Identity Theft

Identity theft occurs when someone uses your personal information such as your name, social security number (SSN), or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

- To reduce your risk:
- Protect your SSN.
 - Ensure your employer is protecting your SSN, and
 - Be careful when choosing a tax preparer.
- If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.
- If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Helpline at 1-800-908-4490 or submit Form 14029.

For more information, see Publication 4325, Identity Theft Prevention and Victim Assistance.

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/ADA 1-800-829-4359.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

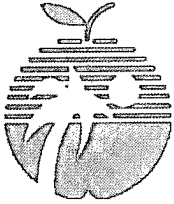
The IRS does not initiate contacts with taxpayers via email. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration at 1-800-368-4484. You can forward suspicious emails to the Federal Trade Commission at www.ftc.gov or contact them at 1-877-CONSUMER (1-877-468-4362).

Visit irs.gov to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6039 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you make to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine use of this information include giving it to the Department of Justice for civil and criminal litigation and to other states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payors must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payor. Certain penalties may also apply for providing false or fraudulent information.



The School Board of Broward County, Florida
ACH Payment Agreement Form (ACH CREDITS)

VENDOR NAME: M. C. Harry and Associates, Inc.

Authorization Agreement

I (we) hereby authorize The School Board of Broward County to initiate automatic deposits (credits) to my account at the financial institution named below. Additionally, I authorize The School Board of Broward County to make the necessary debit entries/adjustments in the event that a credit entry is made in error.

Further, I agree not to hold The School Board of Broward County responsible for any delay or loss of funds due to incorrect or incomplete information supplied by me or by my financial institution or due to an error on the part of my financial institution in depositing funds to my account.

This agreement will remain in effect until The School Board of Broward County receives written notification of cancellation from me or my financial institution and that the origination of ACH transactions to my (our) account must comply with the provisions of U.S. law.

Account Information

Name of Bank or Financial Institution: First National Bank of South Miami

Branch/ State: South Miami / Florida

Routing No: 067005873

Account No: 0100906103 Checking Savings

VENDOR AREA:
Remittance Confirmation: jpiersol@mcharry.com Fax Email
(please select one)

Federal Identification No. Vendor: 59- 228 1430 TAX ID# SS#

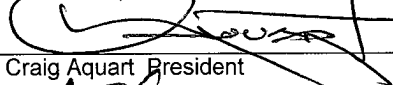
Update Purchase Order Fax & Email Address

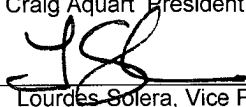
Centralized Fax Number _____ Dept. _____

Centralized Email _____ Dept. _____

Centralized Phone No. _____ Dept. _____

Signature

Authorized Signature (Primary) and Business title:  Date: 6/7/2016
Craig Aquart, President

Authorized Signature (Joint) and Business title:  Date: 6/7/2016
Lourdes Solera, Vice President

Please attach a VOIDED check to verify bank details and routing number.
This form must be returned to: SBBC – Purchasing – Data Strategy Group
7720 W. Oakland Park Blvd, Sunrise FL 33351 call: 754-321-0516 or fax # 754-321-0533

For Use by DATA STRATEGY GROUP

Vendor Account# _____ Date Entered _____ Initials: _____

**THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA
SWORN STATEMENT PURSUANT TO SECTION 287.087, FLORIDA STATUTES, AS CURRENTLY ENACTED OR AS
AMENDED FROM TIME TO TIME, ON PREFERENCE TO BUSINESSES WITH DRUG-FREE WORKPLACE
PROGRAMS.**

**THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC
OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.**

This sworn statement is submitted to The School Board of Broward County, Florida,
by James Piersol, Vice President

(Print individual's name and title)

for M.C. Harry and Associates, Inc.

(Print name of entity submitting sworn statement)

whose business address is
2780 SW Douglas Road,
Miami FL 33133

and (if applicable) its Federal Employer Identification Number (FEIN) is 59-228 1430

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement:
_____.)

I certify that I have established a drug-free workplace program and have complied with the following:

1. Published a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Informed employees about the dangers of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Given each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notified the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five days after such conviction.
5. Will impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
6. Am making a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

[Signature]
(Signature)

Sworn to and subscribed before me this 7th day of June, 2016.

Personally Known XXX

OR Produced identification N/A

(Type of identification)

Notary Public - State of Florida

My commission expires 9/3/2016

[Signature]
(Printed, typed or stamped commissioned name of notary public)



LIZZETTE CAROLINA GARCIA
NOTARY PUBLIC
STATE OF FLORIDA
Comm# EE831842
Expires 9/3/2016

ERRORS AND OMISSIONS PROCESS

DEFINITIONS

Construction Change Order Item (“COI”): A document (Document 01250g) which identifies a change to the Scope of Work of the Project and/or Contract Time, which may increase or reduce Contract Sum.

Contract Sum: The initial construction cost identified in the agreement between the Contactor and Owner for constructing the Scope of Work.

Change Order: A document presented to the Owner for approval and which consists of one or more COIs.

Project Consultant Error. A Change Order Category which changes the Scope of Work and/or Contract Time as a result of contract documents that call for items which are incorrect (wrong dimensions; incorrectly sized pipe, duct, and equipment; conflicts and interferences; etc.).

Project Consultant Omission. A Change Order Category which changes the Scope of Work and/or Contract Time as a result of a contract document that fails to include items necessary to the project, of which the Project Consultant should have been aware (utilities to equipment, missing architectural details, etc.).

E&O: Means or refers to Project Consultant Errors and/or Project Consultant Omissions as described herein above.

Owner’s Request. A Change Order Category which changes the Scope of Work and/or Contract Time as a result of a change approved by the Owner resulting from new and/or revised criteria, mission change, etc.; or a technical or administrative decision that results in a finished product equivalent to that originally required, where the original design is correct (relocating doors or equipment, changing types of material or equipment, etc.); or a phase design and/or construction change to the original scope of work of the project; or a value engineering change initiated by the construction contractor.

Premium Costs: The additional cost of a construction contract change that would not have been incurred if the work had been included in the original contract. More specifically, Premium Costs are dollar amounts paid for “non-value added work” that is required to correct a Project Consultant's E&O. Non-value added work includes, but is not limited to, delays, inefficiencies, rework, or extra work as shown below, other than costs caused by the contractor and/or his subcontractors or suppliers or by other parties not under the control of the Project Consultant. Non-value added work can occur in three distinct situations:

- 1) Work delays or inefficiencies. The Premium Costs are costs the Owner paid or will pay to the contractor for delays or inefficiency damages caused by E&O;
- 2) Rework. The Premium Costs are the dollar amount of the original items of work that have to be removed and the costs to remove these items; and

- 3) Extra Work. The Premium Costs are the net difference between the final prices the Owner agrees to pay to the contractor and the cost the Owner would have incurred had the extra work been included in the original bid at letting.

Scope of Work: The work identified in the Construction Documents to be performed by the Contractor pursuant to the construction contract between Contractor and Owner.

Unforeseen condition. A Change Order Category which changes the Scope of Work and/or Contract Time as a result of an existing physical condition that conflicts with new work (underground utilities and rock, conflicts concealed in wall or ceiling), which could not reasonably have been determined by the Project Consultant during design.

Other: Definitions of additional terms appropriate to the legal approach underlying the agency's treatment of design errors and omissions and recoverable costs.

The School Board of Broward County (SBBC) recognizes that no design can be 100-percent "perfect," but the consultant is expected to exercise reasonable care in its work. Even the best of contracts and work performance will produce some errors and omissions.

SBBC pledges to work with consultants in good faith and on the basis of trust and respect in fulfilling the contracted design.

Problems in design will be communicated quickly to the consultant. The consultant will be involved in helping to resolve the matter and mitigate the potential damages.

SBBC will maintain good communication with the design consultant continually throughout the contract. (Misunderstandings in performance expectations often arise from lack of good communication.)

SBBC shall consider all relevant facts and information surrounding the consultant's agreement and design performance, including mitigating circumstances.

SBBC's priority is to avoid errors and omissions claims in the first place and the desire is to resolve E&O claims administratively rather than through litigation. Legal action is viewed as a last resort.

SBBC will seek to resolve design problems at the lowest organizational level possible.

Errors and Omissions Process:

Step and Level	Actions
1.Discovery (Any Level)	SBBC becomes aware of a problem on the project, and conducts an initial review of circumstances to assess whether the problem is likely a) design-related, b)

		construction, or c) due to other causes that are not the responsibility of the design consultant or the contractor. The assumption is to determine that the problem is design-related.
2.Initial Notification		SBBC notifies consultant, requests involvement. Consultant responds to request, advises on problem.
3. Investigation and Decision on Liability (i.e., responsibility for negligent performance) and Resulting Damages.		SBBC and consultant maintain communication regarding problem. SBBC investigates likelihood of error or omission resulting from design consultant's negligence. SBBC also considers other factors that may influence potential consultant liability, for or against. If E & O issues are identified, SBBC assesses the type and extent of potential damages due to errors or omissions. If SBBC determines that damages have occurred as the result of design E & O, SBBC estimates the premium costs that reflect damages. SBBC evaluates cost-effectiveness of recovery, other influencing factors. SBBC's legal office is consulted prior to decision on consultant liability and cost recovery.
4.Notification to Consultant of SBBC Decision		SBBC decides whether cost recovery will be undertaken, based upon factors evaluated in Step 3 above. SBBC communicates decision to consultant.
5.Review Meeting		SBBC schedules meeting of district review panel (membership defined in E & O procedure). Panel assessment and decision on consultant liability and extent of damages. SBBC communicates decision to consultant, notifies consultant of options.
6.Alternate Dispute Resolution (ADR)		SBBC and consultant participates in ADR. Procedures (including possible cost sharing) defined in SBBC E & O procedure, agreed to by consultant.
7.Recovery and Collection		If consultant agrees to restitution of damages at any point above, SBBC advises consultant on procedure and processes payment.

		Release and Settlement Agreement executed. Monetary payments credited to project in which E & O issue occurred.
8. Litigation		SBBC technical staff provide legal office with file documentation.

Design and Professional Consulting Staff

Prime Firm: M.C. Harry and Associates, Inc.

Name	Title	Role	Time Commitment	Florida professional license	Email Address
James Piersol	Vice President	Contract Manager	5%	AR0008079	jpiersol@mcharry.com
Lourdes Solera	Vice President	Sr. Proj Manager	5%	AR0014445	lsolera@mcharry.com
Craig Aquart	President	Sr. Proj Manager	5%	AR0094538	caquart@mcharry.com
Naomi Harrison	Associate	Project Manager	25%	NA	nharrison@mcharry.com

Subconsultant: SGM Consulting.

Name	Title	Role	Time Commitment	Florida professional license	Email Address
Manuel Hernandez	Project Engineer	Electrical Engineer	10%	FL74989	manuel@sgmengineering.com
Bobak Shahnami	Project Engineer	Mechanical Engineer	10%	FL78419	bobby@sgmengineering.com

Subconsultant: Bliss and Nyitray, Inc.

Name	Title	Role	Time Commitment	Florida professional license	Email Address
Paul Zilio	Sr. Principal	Structural Engineer	5%	FL674	p-zilio@bniengineers.com

Subconsultant:

Name	Title	Role	Time Commitment	Florida professional license	Email Address

Attachment 16 - Project Scope of Work

Atlantic Technical College
4700 Coconut Creek Parkway
Coconut Creek FL 33063

Project Number: P-000415
Project Description: Design & Renovation
RFQ Number: 16-082F

Prepared for: The School Board of Broward County

600 SE 3rd Ave
Ft Lauderdale, FL 33301

Prepared by: HEERY

A group of professional service practices
999 Peachtree St, NE
Atlanta, Georgia 30309

Contents

Attachment G - Project Scope of Work.....	1
1.0.0 Executive Summary.....	3
2.0.0 Atlantic Technical College	4
2.1.0 Project Scope of Work	4
2.2.0 Site Summary	5
2.3.0 FISH Documents	6
2.3.1 FISH Summary Report.....	6
2.3.2 FISH Inventory	9
2.3.3 FISH Site Plan.....	67
2.3.4 FISH Building Plan	68
2.4.0 Facility Assessments and Budgetary Documentation	70
2.4.1 Adopted District Educational Facilities Plan (DEFP).....	71
2.4.2 SMART Campus Summary	72
-2.4.3 MAPPS Deficiency Listing	74
2.4.4 MAPPS Deficiency Data	102
2.4.5 MAPPS Deficiency Detail	108

1.0.0 Executive Summary

On November 4, 2014, Broward County voters approved a General Obligation Bond (Bond) referendum that provides critically needed funding for Broward's students. Broward County Public Schools has committed to investing the funding to enhance students' learning environments by focusing on improvements in Safety, Music, Art, Athletics, Renovations and Technology (SMART).

To ensure equity among schools regarding Broward County Public Schools SMART initiative, a comprehensive Facility Needs Assessment was conducted Districtwide. The Needs Assessment provided an objective, data-driven overview of the District as a whole, as well as a strategic planning tool for prioritizing the most critical needs facing our schools for safety and security; repairs and renovations; and technology and technology infrastructure.

Based on the Facility Needs Assessment, Atlantic Technical College was found to require renovations to multiple facility components. The key objectives are 1) to thoroughly plan the work to allow normal school activities to continue without interruption with a focus on safety and completing work as soon as possible, and 2) to capitalize on the 2017 Summer break to complete portions of scope when students are not on campus.

Included in this project scope of work is:

Atlantic Technical College

- Fire Sprinkler New & Replacements
- Media Center Improvements
- IAQ Repairs – HVAC Improvements
- Building Envelope Improvements

2.0.0 Atlantic Technical College

2.1.0 Project Scope of Work

The scope of work is broken down in accordance with the Approved District Educational Facility Plan SMART Program. The scope is presented as overall site deficiencies with specific trades called out when possible. Additionally, the scope of services specific to each campus building is itemized in section 2.4.0 facility assessment reports with specific trades called out when possible for reference purposes only. **The Design Team is responsible for confirming all areas within the scope of work and necessary quantities and component sizes relevant to the campus renovations.** The scope of work is limited to that which is being funded by the General Obligation Bond or agreed upon alternatives with the designated representatives of the school district.

The Design Team shall be responsible for the full design of a complete replacement Fire Sprinkler System in multiple buildings on the campus, which shall meet all applicable codes and SREF design requirements. The fire sprinkler system is viewed as a mission critical concern of the highest priority level.

The Design Team shall be responsible for the full design of Media Center improvements. The Designer shall work with the designated representatives of the school district to identify and perform remodeling of this space related to specific school district design guidelines. These renovations may include but are not limited to typical design disciplines and may require specialty trades. Refer to Section 2.4.1 ADEFP for budgeted SMART program allocation. The Designer shall coordinate the overall ADEFP budget with the space renovations. See Section 2.3.3 and 2.3.4 for room designations, and 2.3.2 FISH Inventory for relevant Design Code for room coordination.

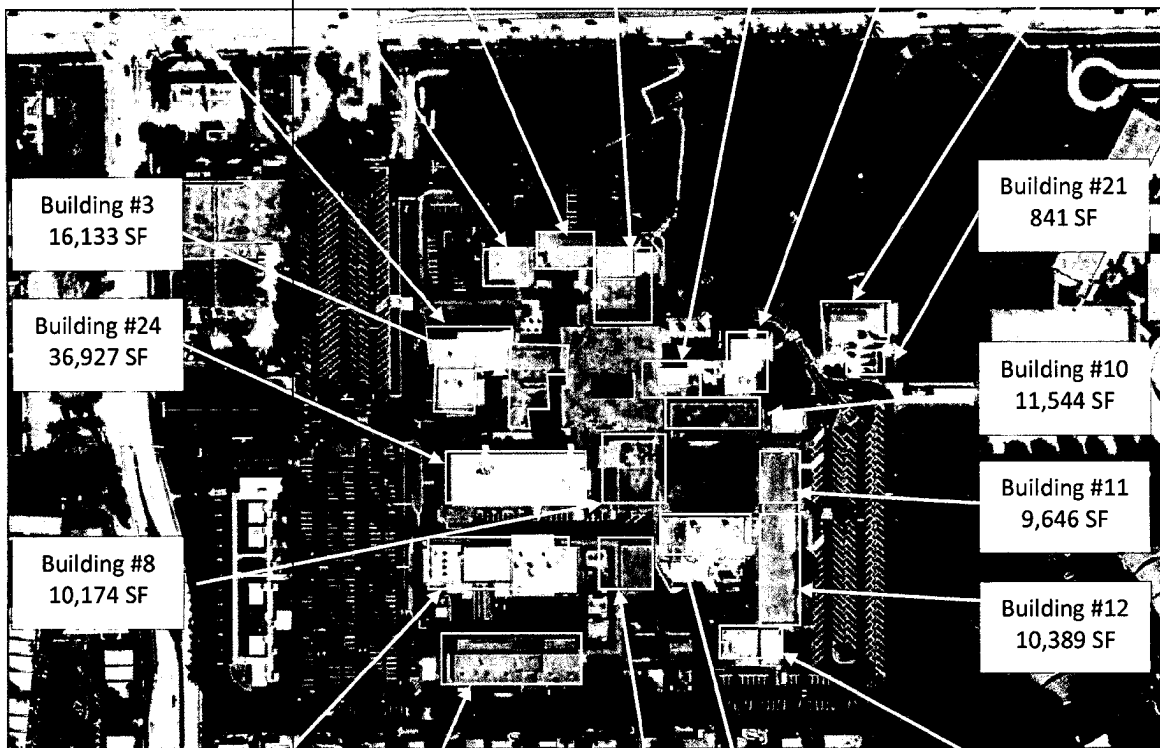
The existing roofing is deteriorated and at the end of its useful life. The Design Team shall be responsible for the full design of replacing multiple campus building existing roofing system with new decking requirements per County standards. Moreover, some existing roof areas will need to be raised to provide positive drainage and new minimum roof R-Values and may necessitate the need to raise existing equipment, utilities and other construction to accommodate new flashing heights.

The facility assessment determined various envelope and building systems to require replacement. This scope includes, but is not limited to painting of the exterior of multiple campus buildings, replacement of exhaust fans, controls, and air handling units in multiple campus buildings, mechanical piping and ductwork replacement, the replacement of roof top air handling units on multiple campus buildings, cooling tower and central plant equipment replacement located at Building 4. In addition to the identified deficiencies found in section 2.4.0, the Design Team is responsible for working with the designated representatives of the school district to identify additional deficiencies related to the envelope, indoor air quality, lighting, and HVAC systems. The facility assessment reports stand as initial budgeted concerns, but does not serve as the limits of scope of work for the project renovation.

2.2.0 Site Summary

Atlantic Technical College is an existing school originally built in 1972 with expansions and renovations having taken place in multiple years. The campus currently encompasses twenty-four (24) buildings with an approximate square footage of 201,241 SF.

Building #4 11,024 SF	Building #6 7,448 SF	Building #5 3,886,844 SF	Building #2 13,119 SF	Building #1 28,942 SF	Building #19 15,731 SF	Building #20 6,306 SF
--------------------------	-------------------------	-----------------------------	--------------------------	--------------------------	---------------------------	--------------------------



Building #15 20,189 SF	Building #17 13,925 SF	Site Boundary	Building #13 13,279 SF	Building #18 6,015 SF
			Building #14 8,631 SF	

Buildings not shown: 7, 9, 16, 22, 23,

2.3.0 FISH Documents

2.3.1 FISH Summary Report



FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

**FLORIDA DEPARTMENT OF EDUCATION
EDUCATIONAL FACILITIES
AGENCY NSF/STUDENT STATIONS SUMMARY REPORT**

ORGANIZATION: 6-BROWARD COUNTY SCHOOL DISTRICT
FACILITY: ATLANTIC TECHNICAL COLLEGE
FACILITY USE: All
STRUCTURE TYPE: All
CONDITION: 1-SATISFACTORY
GROUP BY: DISTRICT

District : 6 - BROWARD COUNTY SCHOOL DISTRICT

DESIGN CODE	ROOM DESIGN CODE	TOTAL ROOMS	NET SQ FT	STUDENT STATIONS
00023	SENIOR HIGH SCIENCE LAB (9-12)	4	6,120	100
00203	MEDIUM AGRICULTURE LAB	1	1,949	20
00211	PRACTICAL BUSINESS LAB	2	2,622	40
00212	BUSINESS EDUCATION LAB	3	7,364	101
00222	SMALL DISTRIBUTIVE/DIVERSIFIED LAB	2	1,650	40
00223	MEDIUM DISTRIBUTIVE/DIVERSIFIED LAB	1	1,444	20
00232	SMALL HOME ECONOMICS LAB	2	2,237	40
00234	LARGE HOME ECONOMICS LAB	2	3,727	40
00242	MEDIUM TECHNOLOGY LAB	1	2,062	20
00244	SMALL INDUSTRIAL LAB	4	4,456	78
00245	MEDIUM INDUSTRIAL LAB	10	21,311	200
00246	LARGE INDUSTRIAL LAB	4	14,252	80
00251	PRACTICAL HEALTH LAB	1	1,810	24
00252	SMALL HEALTH LAB	6	7,970	120
00270	WORK EVALUATION LAB	2	3,586	0
00272	VOCATIONAL LAB SUPPORT SPACE	37	18,568	0
00300	PRINCIPAL/DIRECTOR OFFICE	1	286	0
00301	ASSISTANT PRINCIPAL/OTHER OFFICE	31	5,252	0
00302	BOOKKEEPING OFFICE	2	220	0
00303	SECRETARIAL SPACE	3	2,496	0
00304	RECEPTION AREA	3	1,650	0
00306	CONFERENCE ROOM	4	1,079	0
00308	GENERAL SCHOOL STORAGE	6	456	0
00309	VAULT/STUDENT RECORDS	2	317	0



FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FLORIDA DEPARTMENT OF EDUCATION EDUCATIONAL FACILITIES AGENCY NSF/STUDENT STATIONS SUMMARY REPORT

District : 6 - BROWARD COUNTY SCHOOL DISTRICT

DESIGN CODE	ROOM DESIGN CODE	TOTAL ROOMS	NET SQ FT	STUDENT STATIONS
00310	SCHOOL STORE	2	940	0
00312	COMPUTER AREA	2	218	0
00313	CAREERS ROOM	1	712	0
00315	TEACHER PLANNING OFFICE	24	5,651	0
00316	TEACHER LOUNGE/DINING	4	1,913	0
00330	CUSTODIAL RECEIVING	3	3,549	0
00331	CUSTODIAL SERVICE CLOSET	14	662	0
00333	FLAMMABLE STORAGE	4	563	0
00334	CUSTODIAL EQUIPMENT STORAGE	5	1,596	0
00340	DINING AREA	4	4,075	0
00342	KITCHEN DRY STORAGE	2	358	0
00344	KITCHEN GARBAGE WASH	1	125	0
00345	KITCHEN NONFOOD STORAGE	1	62	0
00347	KITCHEN DISH WASHING	1	300	0
00350	OTHER FOOD SERVICE	5	651	0
00380	LIBRARY (READING ROOM/STACKS)	1	1,596	0
00381	MEDIA TECHNICAL PROCESSING	1	1,050	0
00383	AUDIO VISUAL STORAGE	1	295	0
00700	INSIDE CIRCULATION	13	1,671	0
00701	COVERED WALKWAY	49	80,697	0
00702	MECHANICAL ROOM	30	7,158	0
00703	ELECTRICAL ROOM	15	1,411	0
00705	GALLERY/ART DISPLAY	1	23	0
00707	TELEPHONE EQUIPMENT/COMMUNICATION CLOSET	2	511	0
00803	INSTRUCTIONAL DARKROOM	2	108	0
00806	REFERENCE	1	144	0
00808	MATERIAL STORAGE	44	3,295	0
00810	MATERIAL STORAGE (LARGE)	11	3,676	0
00812	PROJECT STORAGE	2	394	0
00814	STUDENT RESTROOM (BOTH SEXES)	2	1,432	0
00815	STUDENT RESTROOM (MALE)	12	2,081	0



FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

**FLORIDA DEPARTMENT OF EDUCATION
EDUCATIONAL FACILITIES
AGENCY NSF/STUDENT STATIONS SUMMARY REPORT**

District : 6 - BROWARD COUNTY SCHOOL DISTRICT

DESIGN CODE	ROOM DESIGN CODE	TOTAL ROOMS	NET SQ FT	STUDENT STATIONS
00816	STUDENT RESTROOM (FEMALE)	13	1,971	0
00818	LOCKERS/RESTROOM/SHOWER (ESE/VOC ED)	4	684	0
00819	STAFF RESTROOM (MALE)	8	478	0
00820	STAFF RESTROOM (FEMALE)	7	447	0
00821	STAFF RESTROOM (BOTH SEXES)	2	85	0
00822	PUBLIC USE RESTROOM (MALE)	1	25	0
00823	PUBLIC USE RESTROOM (FEMALE)	1	25	0
00827	ELEVATOR (PASSENGER/HANDICAPPED)	2	169	0
00840	VOCATIONAL RELATED CLASSROOM	70	50,757	1,184
00849	VOCATIONAL PROJECT STORAGE	3	1,078	0
00850	VOCATIONAL TOOL STORAGE (SMALL)	11	1,494	0
00851	VOCATIONAL TOOL STORAGE (LARGE)	1	663	0
	TOTALS :	517	297,677	2,107

	TOTALS FOR SELECTED DISTRICTS :	517	297,677	2,107
--	--	------------	----------------	--------------

2.3.2 FISH Inventory

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT



ORGANIZATION: 6-BROWARD COUNTY SCHOOL DISTRICT
FACILITY: ATLANTIC TECHNICAL COLLEGE
FACILITY USE: ALL

DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE

Primary Use: VOCATIONAL TECHNICAL Grades House#f: VE - VE DOE Validation Date:

Capital Outlay Classification: SCHOOL RECOMMENDED FOR CONTINUED USE

MASTER SCHOOL ID

MSID	Name	Status
2221	ATLANTIC TECHNICAL COLLEGE	Default

CAPITAL OUTLAY FTE

Year: 2013 / 2014

PK: 0.00	01: 0.00	03: 0.00	05: 0.00	07: 0.00	09: 160.00	11: 159.73	PK-12: 687.21
KG: 0.00	02: 0.00	04: 0.00	06: 0.00	08: 0.00	10: 148.02	12: 219.46	Adult: 4680.00
							Total: 5367.21

SCHOOL CAPACITY

SCHOOL CAPACITY	YEAR ROUND CAPACITY	UTILIZATION FACTOR	PRIMARY USE
2,528	25	1.20	VOCATIONAL TECHNICAL

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



PARCEL: 138

4700 COCONUT CREEK PARKWAY

COCONUT CREEK, FL 33063

Parking: DEVELOPED	Owner: SCHOOL BOARD	Fire: 6
Athletic: NO ATHLETIC FACILITY	Water: PUBLIC	Police: CITY
Sewage: PUBLIC	Plan: RELOCATABLE/MODULAR	Drainage: ADEQUATE
Landscapes: NOT DEVELOPED	Playground: NO PARK/PUBLIC ACCESS	Acres: 5.00
Date Acquired: 1/1/1968		Lease Expiration Date:

DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 99 - ATLANTIC TECHNICAL CENTER

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: INDIVIDUAL UNITS
Use: VOCATIONAL TECHNICAL	Mech Vent: NONE	Heat Source: ELECTRIC
Year Constructed: 1958	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: INDIVIDUAL UNIT REVERSE CYCLE
Year Modified:	Educational TV: COMBINATION OF 1-8	Heat Capacity: ADEQUATE
Average Age NSF: 1967	Intercom: TWO WAY COMPLETE	Walls: RELOCATABLE
Relocatable Units: 16	Telephone: NONE	Struct Comp: RELOCATABLE
Stories: 1		Corridor: NONE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
026	640	840	VOCATIONAL RELATED CLASSROOM	19	01	CARPET	1958	SATISFACTORY	99	138	137
029C	792	840	VOCATIONAL RELATED CLASSROOM	23	01	COMPOSITION TILE	1968	SATISFACTORY	99	138	137
029N	792	840	VOCATIONAL RELATED CLASSROOM	23	01	CARPET	1968	SATISFACTORY	99	138	137

Report Date: 3/19/2015 12:15:19 PM

Page 2 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT



ID	Room	Area	Count	Status	Year	Material	Failed Standards		Scheduled For Replacement			
							Square Feet	Student Stations	Square Feet	Student Stations		
036C	VOCATIONAL RELATED CLASSROOM	840	23	01	1986	SATISFACTORY			99	138	137	
050N	VOCATIONAL RELATED CLASSROOM	840	23	01	1958	SATISFACTORY			99	138	137	
073	VOCATIONAL RELATED CLASSROOM	840	19	01	1958	SATISFACTORY			99	138	137	
080T	STUDENT RESTROOM (BOTH SEXES)	814	0	01	1958	SATISFACTORY			99	138	137	
140	VOCATIONAL RELATED CLASSROOM	840	23	01	1958	SATISFACTORY			99	138	137	
17	VOCATIONAL RELATED CLASSROOM	840	19	01	1958	SATISFACTORY			99	138	137	
289	VOCATIONAL RELATED CLASSROOM	840	23	01	1958	SATISFACTORY			99	138	137	
293	VOCATIONAL RELATED CLASSROOM	840	23	01	1958	SATISFACTORY			99	138	137	
297	VOCATIONAL RELATED CLASSROOM	840	23	01	1958	SATISFACTORY			99	138	137	
354	VOCATIONAL RELATED CLASSROOM	840	23	01	1958	SATISFACTORY			99	138	137	
385	VOCATIONAL RELATED CLASSROOM	840	19	01	1958	SATISFACTORY			99	138	137	
972D	DINING AREA	340	0	01	1989	SATISFACTORY			99	138	137	
973D	DINING AREA	340	0	01	1989	SATISFACTORY			99	138	137	
							Satisfactory		Unsatisfactory			
							Square Feet	Student Stations	Square Feet	Student Stations		
Relocatable							12,352	283	0	0		
TOTAL							12,352	283	0	0		

Report Date: 3/19/2015 12:15:19 PM

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



PARCEL: 139

4700 COCONUT CREEK PARKWAY

COCONUT CREEK, FL 33063

Parking: DEVELOPED	Owner: SCHOOL BOARD	Fire: 6
Athletic: NO ATHLETIC FACILITY	Water: PUBLIC	Police: CITY
Sewage: PUBLIC	Plan: CAMPUS	Drainage: INADEQUATE
Landscape: DEVELOPED	Playground: NO PARK/PUBLIC ACCESS	Acres: 25.00
Date Acquired: 1/1/1971		Lease Expiration Date:

DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 197-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 1 - Building Number 00001

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1973	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1973	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: COMPLETE TO ALL ROOMS	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
100	22034	701	COVERED WALKWAY	0	01	CONCRETE	1973	SATISFACTORY	1	139	137
101	588	304	RECEPTION AREA	0	01	CARPET	1973	SATISFACTORY	1	139	137
102	1504	303	SECRETARIAL SPACE	0	01	CARPET	1973	SATISFACTORY	1	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 4 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



103	198	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1973	SATISFACTORY	1	139	137
104	123	302	BOOKKEEPING OFFICE	0	01	CARPET	1973	SATISFACTORY	1	139	137
104A	67	309	VAULT/STUDENT RECORDS	0	01	COMPOSITION TILE	1973	SATISFACTORY	1	139	137
105	100	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1973	SATISFACTORY	1	139	137
106	100	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1973	SATISFACTORY	1	139	137
107	265	303	SECRETARIAL SPACE	0	01	CARPET	1973	SATISFACTORY	1	139	137
108	286	300	PRINCIPAL/DIRECTOR OFFICE	0	01	CARPET	1973	SATISFACTORY	1	139	137
108A	265	306	CONFERENCE ROOM	0	01	CARPET	1973	SATISFACTORY	1	139	137
109	274	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1973	SATISFACTORY	1	139	137
110	43	703	ELECTRICAL ROOM	0	01	CONCRETE	1973	SATISFACTORY	1	139	137
111	43	331	CUSTODIAL SERVICE CLOSET	0	01	COMPOSITION TILE	1973	SATISFACTORY	1	139	137
112	337	316	TEACHER LOUNGE/DINING	0	01	CARPET	1973	SATISFACTORY	1	139	137
112A	425	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	COMPOSITION TILE	1973	SATISFACTORY	1	139	137
113	72	820	STAFF RESTROOM (FEMALE)	0	01	CERAMIC TILE	1973	SATISFACTORY	1	139	137
114	72	819	STAFF RESTROOM (MALE)	0	01	CERAMIC TILE	1973	SATISFACTORY	1	139	137
115	97	302	BOOKKEEPING OFFICE	0	01	CARPET	1973	SATISFACTORY	1	139	137
116	109	312	COMPUTER AREA	0	01	CARPET	1973	SATISFACTORY	1	139	137
117	109	312	COMPUTER AREA	0	01	CARPET	1973	SATISFACTORY	1	139	137
118	505	306	CONFERENCE ROOM	0	01	CARPET	1973	SATISFACTORY	1	139	137
118A	870	310	SCHOOL STORE	0	01	CARPET	1973	SATISFACTORY	1	139	137
119	108	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1973	SATISFACTORY	1	139	137
119A	108	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1973	SATISFACTORY	1	139	137

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



120	300	702	MECHANICAL ROOM	0	01	CONCRETE	1973	SATISFACTORY	1	139	137	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement		
												Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	
Permanent												28,942	0	0	0	0	0	0	0	0
TOTAL												28,942	0	0	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 2 - Building Number 00002

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1972	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1972	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
002	70	310	SCHOOL STORE	0	01	CARPET	1972	SATISFACTORY	2	139	137
121	1500	252	SMALL HEALTH LAB	20	01	CARPET	1972	SATISFACTORY	2	139	137
121A	1430	252	SMALL HEALTH LAB	20	01	COMPOSITION TILE	1972	SATISFACTORY	2	139	137
122	864	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1972	SATISFACTORY	2	139	137
123	864	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1972	SATISFACTORY	2	139	137
124	525	810	MATERIAL STORAGE (LARGE)	0	01	COMPOSITION TILE	1972	SATISFACTORY	2	139	137
125	192	702	MECHANICAL ROOM	0	01	CONCRETE	1972	SATISFACTORY	2	139	137
126	935	315	TEACHER PLANNING OFFICE	0	01	CARPET	1972	SATISFACTORY	2	139	137
126A	208	315	TEACHER PLANNING OFFICE	0	01	COMPOSITION TILE	1972	SATISFACTORY	2	139	137
126B	153	306	CONFERENCE ROOM	0	01	CARPET	1972	SATISFACTORY	2	139	137
126C	100	315	TEACHER PLANNING OFFICE	0	01	CARPET	1972	SATISFACTORY	2	139	137
126D	100	315	TEACHER PLANNING OFFICE	0	01	CARPET	1972	SATISFACTORY	2	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 7 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



ID	Room Number	Room Name	Area	Count	Year	Condition	Failed Standards		Scheduled For Replacement				
							Square Feet	Student Stations	Square Feet	Student Stations			
127	1030	SMALL HEALTH LAB		20	01	CARPET					2	139	137
127A	7	GENERAL SCHOOL STORAGE		0	01	COMPOSITION TILE					2	139	137
127B	50	GENERAL SCHOOL STORAGE		0	01	COMPOSITION TILE					2	139	137
128	27	ELECTRICAL ROOM		0	01	CONCRETE					2	139	137
129	132	ELECTRICAL ROOM		0	01	CONCRETE					2	139	137
130	1810	PRACTICAL HEALTH LAB		24	01	CARPET					2	139	137
200	2650	COVERED WALKWAY		0	01	CONCRETE					2	139	137
200A	300	COVERED WALKWAY		0	01	CONCRETE					2	139	137
200B	172	COVERED WALKWAY		0	01	CONCRETE					2	139	137
							Unsatisfactory		Satisfactory				
							Square Feet	Student Stations	Square Feet	Student Stations			
							13,119	84	0	0			0
							13,119	84	0	0			0
							TOTAL						0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 3 - Building Number 00003

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1972	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1972	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephones: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
003	66	700	INSIDE CIRCULATION	0	01	CARPET	1972	SATISFACTORY	3	139	137
131	900	340	DINING AREA	0	01	COMPOSITION TILE	1972	SATISFACTORY	3	139	137
132	1151	340	DINING AREA	0	01	COMPOSITION TILE	1972	SATISFACTORY	3	139	137
132A	276	272	VOCATIONAL LAB SUPPORT SPACE	0	01	QUARRY TILE	1972	SATISFACTORY	3	139	137
133	564	316	TEACHER LOUNGE/DINING	0	01	COMPOSITION TILE	1972	SATISFACTORY	3	139	137
134	2052	234	LARGE HOME ECONOMICS LAB	20	01	QUARRY TILE	1972	SATISFACTORY	3	139	137
134A	157	272	VOCATIONAL LAB SUPPORT SPACE	0	01	QUARRY TILE	1972	SATISFACTORY	3	139	137
134B	300	347	KITCHEN DISH WASHING	0	01	QUARRY TILE	1972	SATISFACTORY	3	139	137
134C	125	344	KITCHEN GARBAGE WASH	0	01	QUARRY TILE	1972	SATISFACTORY	3	139	137
134D	511	840	VOCATIONAL RELATED CLASSROOM	15	01	COMPOSITION TILE	1972	SATISFACTORY	3	139	137
134F	164	315	TEACHER PLANNING OFFICE	0	01	CARPET	1972	SATISFACTORY	3	139	137
134G	181	342	KITCHEN DRY STORAGE	0	01	CONCRETE	1972	SATISFACTORY	3	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 9 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



134H	130	350	OTHER FOOD SERVICE	0	01	CONCRETE	1972	SATISFACTORY	3	139	137
134J	177	342	KITCHEN DRY STORAGE	0	01	CONCRETE	1972	SATISFACTORY	3	139	137
134K	112	818	LOCKERS/RESTROOM/SHOWER (ESE/VOC ED)	0	01	CERAMIC TILE	1972	SATISFACTORY	3	139	137
134L	114	818	LOCKERS/RESTROOM/SHOWER (ESE/VOC ED)	0	01	CERAMIC TILE	1972	SATISFACTORY	3	139	137
134M	31	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1972	SATISFACTORY	3	139	137
134N	44	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1972	SATISFACTORY	3	139	137
134P	62	345	KITCHEN NONFOOD STORAGE	0	01	QUARRY TILE	1972	SATISFACTORY	3	139	137
135	1675	234	LARGE HOME ECONOMICS LAB	20	01	CARPET	1972	SATISFACTORY	3	139	137
135A	99	315	TEACHER PLANNING OFFICE	0	01	CARPET	1972	SATISFACTORY	3	139	137
135B	188	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1972	SATISFACTORY	3	139	137
135C	13	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	1972	SATISFACTORY	3	139	137
136	99	702	MECHANICAL ROOM	0	01	CONCRETE	1972	SATISFACTORY	3	139	137
137	59	703	ELECTRICAL ROOM	0	01	CONCRETE	1972	SATISFACTORY	3	139	137
138	134	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1972	SATISFACTORY	3	139	137
139	315	702	MECHANICAL ROOM	0	01	CONCRETE	1972	SATISFACTORY	3	139	137
140	100	350	OTHER FOOD SERVICE	0	01	CONCRETE	1972	SATISFACTORY	3	139	137
141	1106	232	SMALL HOME ECONOMICS LAB	20	01	QUARRY TILE	1972	SATISFACTORY	3	139	137
141A	143	350	OTHER FOOD SERVICE	0	01	CONCRETE	1972	SATISFACTORY	3	139	137
141B	88	350	OTHER FOOD SERVICE	0	01	CONCRETE	1972	SATISFACTORY	3	139	137
141C	838	840	VOCATIONAL RELATED CLASSROOM	25	01	CARPET	1972	SATISFACTORY	3	139	137
141D	100	315	TEACHER PLANNING OFFICE	0	01	COMPOSITION TILE	1972	SATISFACTORY	3	139	137
141E	191	700	INSIDE CIRCULATION	0	01	QUARRY TILE	1972	SATISFACTORY	3	139	137
141F	133	702	MECHANICAL ROOM	0	01	CONCRETE	1972	SATISFACTORY	3	139	137
141G	25	331	CUSTODIAL SERVICE CLOSET	0	01	CONCRETE	1972	SATISFACTORY	3	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 10 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 4 - Building Number 00004

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1972	Artificial Lighting: COMBINATION OF 1-6	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1972	Interroom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
003A	51	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1972	SATISFACTORY	4	139	137
003B	144	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1972	SATISFACTORY	4	139	137
142	1131	232	SMALL HOME ECONOMICS LAB	20	01	COMPOSITION TILE	1972	SATISFACTORY	4	139	137
142A	602	840	VOCATIONAL RELATED CLASSROOM	18	01	CARPET	1972	SATISFACTORY	4	139	137
142B	222	810	MATERIAL STORAGE (LARGE)	0	01	COMPOSITION TILE	1972	SATISFACTORY	4	139	137
142C	152	315	TEACHER PLANNING OFFICE	0	01	CARPET	1972	SATISFACTORY	4	139	137
142D	152	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1972	SATISFACTORY	4	139	137
143	77	702	MECHANICAL ROOM	0	01	CONCRETE	1972	SATISFACTORY	4	139	137
144	188	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1972	SATISFACTORY	4	139	137
145	52	331	CUSTODIAL SERVICE CLOSET	0	01	CERAMIC TILE	1972	SATISFACTORY	4	139	137
146	3255	330	CUSTODIAL RECEIVING	0	01	CONCRETE	1972	SATISFACTORY	4	139	137
146A	117	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	COMPOSITION TILE	1972	SATISFACTORY	4	139	137

Report Date: 3/19/2015 12:15:19 PM

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



ID	Room No.	Room Name	Area	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
				Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
146B	151	ASSISTANT PRINCIPAL/OTHER OFFICE	301	0	01	1972	SATISFACTORY	4	139	137	
149	39	STAFF RESTROOM (BOTH SEXES)	821	0	01	1972	SATISFACTORY	4	139	137	
150	46	STAFF RESTROOM (BOTH SEXES)	821	0	01	1972	SATISFACTORY	4	139	137	
151	1535	MECHANICAL ROOM	702	0	01	1972	SATISFACTORY	4	139	137	
151A	627	CUSTODIAL EQUIPMENT STORAGE	334	0	01	1972	SATISFACTORY	4	139	137	
151B	168	ASSISTANT PRINCIPAL/OTHER OFFICE	301	0	01	1972	SATISFACTORY	4	139	137	
152	340	ELECTRICAL ROOM	703	0	01	1972	SATISFACTORY	4	139	137	
153	525	CUSTODIAL EQUIPMENT STORAGE	334	0	01	1972	SATISFACTORY	4	139	137	
300A	1450	COVERED WALKWAY	701	0	01	1972	SATISFACTORY	4	139	137	
				Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
				Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent				11,024	38	0	0	0	0	0	0
TOTAL				11,024	38	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 5 - Building Number 00005

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1972	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1972	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
265	133	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1972	SATISFACTORY	5	139	137
266	146	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1972	SATISFACTORY	5	139	137
267	18	331	CUSTODIAL SERVICE CLOSET	0	01	CONCRETE	1972	SATISFACTORY	5	139	137
268	86	819	STAFF RESTROOM (MALE)	0	01	CERAMIC TILE	1972	SATISFACTORY	5	139	137
269	81	820	STAFF RESTROOM (FEMALE)	0	01	CERAMIC TILE	1972	SATISFACTORY	5	139	137
270	1300	252	SMALL HEALTH LAB	20	01	CARPET	1972	SATISFACTORY	5	139	137
270A	100	315	TEACHER PLANNING OFFICE	0	01	CARPET	1972	SATISFACTORY	5	139	137
270B	145	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1972	SATISFACTORY	5	139	137
270C	527	840	VOCATIONAL RELATED CLASSROOM	0	01	CARPET	1972	SATISFACTORY	5	139	137
271	140	702	MECHANICAL ROOM	0	01	CONCRETE	1972	SATISFACTORY	5	139	137

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 6 - Building Number 00006

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1973	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1973	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
156	261	304	RECEPTION AREA	0	01	CARPET	1973	SATISFACTORY	6	139	137
156A	101	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1973	SATISFACTORY	6	139	137
156B	25	822	PUBLIC USE RESTROOM (MALE)	0	01	CERAMIC TILE	1973	SATISFACTORY	6	139	137
156C	9	331	CUSTODIAL SERVICE CLOSET	0	01	COMPOSITION TILE	1973	SATISFACTORY	6	139	137
156D	25	823	PUBLIC USE RESTROOM (FEMALE)	0	01	CERAMIC TILE	1973	SATISFACTORY	6	139	137
157	1532	245	MEDIUM INDUSTRIAL LAB	20	01	COMPOSITION TILE	1973	SATISFACTORY	6	139	137
157A	32	702	MECHANICAL ROOM	0	01	COMPOSITION TILE	1973	SATISFACTORY	6	139	137
157B	119	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1973	SATISFACTORY	6	139	137
157C	134	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1973	SATISFACTORY	6	139	137
158	763	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1973	SATISFACTORY	6	139	137
158A	95	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	COMPOSITION TILE	1973	SATISFACTORY	6	139	137
159	97	702	MECHANICAL ROOM	0	01	CONCRETE	1973	SATISFACTORY	6	139	137

Report Date: 3/19/2015 12:15:19 PM

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT



200C	1120	701	COVERED WALKWAY	0	01	CONCRETE	1973	SATISFACTORY	6	139	137
200E	1560	701	COVERED WALKWAY	0	01	CONCRETE	1973	SATISFACTORY	6	139	137
200F	1575	701	COVERED WALKWAY	0	01	CONCRETE	1973	SATISFACTORY	6	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	7,448	20	0	0	0	0	0	0
TOTAL	7,448	20	0	0	0	0	0	0

Report Date: 3/19/2015 12:15:19 PM

Page 17 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 7 - Building Number 00007

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1973	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1973	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 2		Corridor: SINGLE OUTSIDE

ROOM	MET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
161	120	827	ELEVATOR (PASSENGER/HANDICAPPED)	0	01	CARPET	1973	SATISFACTORY	7	139	137
162	278	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1973	SATISFACTORY	7	139	137
163	303	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CONCRETE	1973	SATISFACTORY	7	139	137
163A	69	702	MECHANICAL ROOM	0	01	CONCRETE	1973	SATISFACTORY	7	139	137
164	264	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1973	SATISFACTORY	7	139	137
004	640	701	COVERED WALKWAY	0	02	CONCRETE	1973	SATISFACTORY	7	139	137
005	384	701	COVERED WALKWAY	0	02	CONCRETE	1973	SATISFACTORY	7	139	137
006	4136	701	COVERED WALKWAY	0	02	CONCRETE	1973	SATISFACTORY	7	139	137
007	542	701	COVERED WALKWAY	0	02	CONCRETE	1973	SATISFACTORY	7	139	137
165	457	707	TELEPHONE EQUIPMENT/COMMUNICATION CLOSET	0	02	COMPOSITION TILE	1973	SATISFACTORY	7	139	137
166	264	815	STUDENT RESTROOM (MALE)	0	02	CERAMIC TILE	1973	SATISFACTORY	7	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 18 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT



167	181	334	CUSTODIAL EQUIPMENT STORAGE	0	02	COMPOSITION TILE	1973	SATISFACTORY	7	139	137
168	250	816	STUDENT RESTROOM (FEMALE)	0	02	CERAMIC TILE	1973	SATISFACTORY	7	139	137
169	1487	211	PRACTICAL BUSINESS LAB	20	02	CARPET	1973	SATISFACTORY	7	139	137
169A	640	272	VOCATIONAL LAB SUPPORT SPACE	0	02	CARPET	1973	SATISFACTORY	7	139	137
169B	100	315	TEACHER PLANNING OFFICE	0	02	CARPET	1973	SATISFACTORY	7	139	137
169C	1135	211	PRACTICAL BUSINESS LAB	20	02	CARPET	1973	SATISFACTORY	7	139	137
169D	14	808	MATERIAL STORAGE	0	02	CARPET	1973	SATISFACTORY	7	139	137
169E	14	808	MATERIAL STORAGE	0	02	CARPET	1973	SATISFACTORY	7	139	137
169F	13	808	MATERIAL STORAGE	0	02	CARPET	1973	SATISFACTORY	7	139	137
169G	13	808	MATERIAL STORAGE	0	02	CARPET	1973	SATISFACTORY	7	139	137
170	1509	212	BUSINESS EDUCATION LAB	20	02	CARPET	1973	SATISFACTORY	7	139	137
170A	100	315	TEACHER PLANNING OFFICE	0	02	CARPET	1973	SATISFACTORY	7	139	137
170B	284	272	VOCATIONAL LAB SUPPORT SPACE	0	02	CARPET	1973	SATISFACTORY	7	139	137
170C	231	272	VOCATIONAL LAB SUPPORT SPACE	0	02	CARPET	1973	SATISFACTORY	7	139	137
171	443	315	TEACHER PLANNING OFFICE	0	02	CARPET	1973	SATISFACTORY	7	139	137
171A	72	819	STAFF RESTROOM (MALE)	0	02	CERAMIC TILE	1973	SATISFACTORY	7	139	137
171B	72	820	STAFF RESTROOM (FEMALE)	0	02	CERAMIC TILE	1973	SATISFACTORY	7	139	137
173	748	272	VOCATIONAL LAB SUPPORT SPACE	0	02	CARPET	1973	SATISFACTORY	7	139	137
174	748	272	VOCATIONAL LAB SUPPORT SPACE	0	02	CARPET	1973	SATISFACTORY	7	139	137
175	748	272	VOCATIONAL LAB SUPPORT SPACE	0	02	CARPET	1973	SATISFACTORY	7	139	137
176	748	272	VOCATIONAL LAB SUPPORT SPACE	0	02	CARPET	1973	SATISFACTORY	7	139	137
177	4427	212	BUSINESS EDUCATION LAB	61	02	CARPET	1973	SATISFACTORY	7	139	137
177A	16	808	MATERIAL STORAGE	0	02	COMPOSITION TILE	1973	SATISFACTORY	7	139	137
178	35	808	MATERIAL STORAGE	0	02	COMPOSITION TILE	1973	SATISFACTORY	7	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 19 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT



Item ID	Room Number	Room Description	Area	Condition	Year	Material	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
							Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
179	702	MECHANICAL ROOM	0	02	1973	CONCRETE	0	0	0	0	0	0	0	0
180	308	GENERAL SCHOOL STORAGE	0	02	1973	COMPOSITION TILE	0	0	0	0	0	0	0	0
181	222	SMALL DISTRIBUTIVE/DIVERSIFIED LAB	20	02	1973	CARPET	20	7	0	0	0	0	0	0
182	223	MEDIUM DISTRIBUTIVE/DIVERSIFIED LAB	20	02	1973	CARPET	20	7	0	0	0	0	0	0
183	222	SMALL DISTRIBUTIVE/DIVERSIFIED LAB	20	02	1973	CARPET	20	7	0	0	0	0	0	0
183A	808	MATERIAL STORAGE	0	02	1973	CARPET	0	0	0	0	0	0	0	0
Permanent							25,654	181	0	0	0	0	0	0
TOTAL							25,654	181	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 8 - Building Number 00008

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
User: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1973	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1973	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
186	2502	245	MEDIUM INDUSTRIAL LAB	20	01	CONCRETE	1973	SATISFACTORY	8	139	137
186A	180	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1973	SATISFACTORY	8	139	137
186B	370	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1973	SATISFACTORY	8	139	137
186C	330	810	MATERIAL STORAGE (LARGE)	0	01	CONCRETE	1973	SATISFACTORY	8	139	137
186D	356	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1973	SATISFACTORY	8	139	137
187	500	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1973	SATISFACTORY	8	139	137
187A	18	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1973	SATISFACTORY	8	139	137
188	1872	245	MEDIUM INDUSTRIAL LAB	20	01	CONCRETE	1973	SATISFACTORY	8	139	137
188A	216	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1973	SATISFACTORY	8	139	137
188B	103	808	MATERIAL STORAGE	0	01	CONCRETE	1973	SATISFACTORY	8	139	137
188C	203	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1973	SATISFACTORY	8	139	137
188D	264	849	VOCATIONAL PROJECT STORAGE	0	01	CONCRETE	1973	SATISFACTORY	8	139	137

Report Date: 3/19/2015 12:15:19 PM

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT



ID	Room No.	Room Name	Area	Material	Year	Condition	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
							Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
188E	540	VOCATIONAL LAB SUPPORT SPACE	0	01	1973	SATISFACTORY	0	0	0	0	0	0	0	0
189	92	ELECTRICAL ROOM	0	01	1973	SATISFACTORY	0	0	0	0	0	0	0	0
400	2128	COVERED WALKWAY	0	01	1973	SATISFACTORY	0	0	0	0	0	0	0	0
400A	500	COVERED WALKWAY	0	01	1973	SATISFACTORY	0	0	0	0	0	0	0	0
Permanent			10,174				0	0	0	0	0	0	0	0
TOTAL			10,174				0	0	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 9 - Building Number 00009

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: NONE
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1973	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: UNVENTED SPACE HEATER
Year Modified:	Educational TV: NONE	Heat Capacity: ADEQUATE
Average Age NSF: 1973	Intercom: NONE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
191	394	818	LOCKERS/RESTROOM/SHOWER (ESE/VOC ED)	0	01	CERAMIC TILE	1973	SATISFACTORY	9	139	137
191A	64	818	LOCKERS/RESTROOM/SHOWER (ESE/VOC ED)	0	01	CERAMIC TILE	1973	SATISFACTORY	9	139	137
192	200	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1973	SATISFACTORY	9	139	137
193	40	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1973	SATISFACTORY	9	139	137
194	64	331	CUSTODIAL SERVICE CLOSET	0	01	CONCRETE	1973	SATISFACTORY	9	139	137
195	40	819	STAFF RESTROOM (MALE)	0	01	CERAMIC TILE	1973	SATISFACTORY	9	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	802	0	0	0	0	0	0	0
TOTAL	802	0	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 10 - Building Number 00010

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1979	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1979	Interroom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: CONCRETE
Stories: 1		Corridor: SINGLE INSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
201	174	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	1979	SATISFACTORY	10	139	137
201A	81	702	MECHANICAL ROOM	0	01	CONCRETE	1979	SATISFACTORY	10	139	137
202	49	820	STAFF RESTROOM (FEMALE)	0	01	CERAMIC TILE	1979	SATISFACTORY	10	139	137
203	35	819	STAFF RESTROOM (MALE)	0	01	CERAMIC TILE	1979	SATISFACTORY	10	139	137
204	801	304	RECEPTION AREA	0	01	CARPET	1979	SATISFACTORY	10	139	137
204A	119	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
204B	119	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
204C	24	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	1979	SATISFACTORY	10	139	137
204D	128	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
204E	120	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
204F	120	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
204G	120	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 24 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



Item ID	Room Number	Room Name	Area	Year	Condition	Area	Year	Condition	Area	Year	Condition
204H	159	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
204J	119	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
204K	119	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
205	712	313	CAREERS ROOM	0	01	CARPET	1979	SATISFACTORY	10	139	137
206	727	303	SECRETARIAL SPACE	0	01	CARPET	1979	SATISFACTORY	10	139	137
206A	250	309	VAULT/STUDENT RECORDS	0	01	CARPET	1979	SATISFACTORY	10	139	137
206B	155	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
207	1596	380	LIBRARY (READING ROOM/STACKS)	0	01	CARPET	1979	SATISFACTORY	10	139	137
207A	255	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
207B	100	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
207C	149	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
207D	1050	381	MEDIA TECHNICAL PROCESSING	0	01	CARPET	1979	SATISFACTORY	10	139	137
207E	295	383	AUDIO VISUAL STORAGE	0	01	CARPET	1979	SATISFACTORY	10	139	137
207F	80	803	INSTRUCTIONAL DARKROOM	0	01	CERAMIC TILE	1979	SATISFACTORY	10	139	137
207G	28	803	INSTRUCTIONAL DARKROOM	0	01	CARPET	1979	SATISFACTORY	10	139	137
208	768	316	TEACHER LOUNGE/DINING	0	01	CARPET	1979	SATISFACTORY	10	139	137
208A	472	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1979	SATISFACTORY	10	139	137
209	74	703	ELECTRICAL ROOM	0	01	CONCRETE	1979	SATISFACTORY	10	139	137
210	156	702	MECHANICAL ROOM	0	01	CONCRETE	1979	SATISFACTORY	10	139	137
400B	2380	701	COVERED WALKWAY	0	01	CONCRETE	1979	SATISFACTORY	10	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	11,544	0	0	0	0	0	0	0
TOTAL	11,544	0	0	0	0	0	0	0

Report Date: 3/19/2015 12:15:19 PM

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 11 - Building Number 00011

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1976	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1976	Interroom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
215	2082	242	MEDIUM TECHNOLOGY LAB	20	01	CARPET	1976	SATISFACTORY	11	139	137
215A	203	315	TEACHER PLANNING OFFICE	0	01	CARPET	1976	SATISFACTORY	11	139	137
215B	568	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CARPET	1976	SATISFACTORY	11	139	137
216	1000	840	VOCATIONAL RELATED CLASSROOM	0	01	CARPET	1976	SATISFACTORY	11	139	137
216A	1500	252	SMALL HEALTH LAB	20	01	CARPET	1976	SATISFACTORY	11	139	137
216B	10	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1976	SATISFACTORY	11	139	137
216C	62	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1976	SATISFACTORY	11	139	137
216D	102	315	TEACHER PLANNING OFFICE	0	01	COMPOSITION TILE	1976	SATISFACTORY	11	139	137
216E	23	705	GALLERY/ART DISPLAY	0	01	COMPOSITION TILE	1976	SATISFACTORY	11	139	137
216F	270	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CERAMIC TILE	1976	SATISFACTORY	11	139	137
217	120	702	MECHANICAL ROOM	0	01	CONCRETE	1976	SATISFACTORY	11	139	137
218	42	703	ELECTRICAL ROOM	0	01	CONCRETE	1976	SATISFACTORY	11	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 26 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



219	239	334	CUSTODIAL EQUIPMENT STORAGE	0	01	CERAMIC TILE	1976	SATISFACTORY	11	139	137
220	204	330	CUSTODIAL RECEIVING	0	01	CERAMIC TILE	1976	SATISFACTORY	11	139	137
220A	90	330	CUSTODIAL RECEIVING	0	01	CERAMIC TILE	1976	SATISFACTORY	11	139	137
220B	70	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1976	SATISFACTORY	11	139	137
221	221	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1976	SATISFACTORY	11	139	137
600	2860	701	COVERED WALKWAY	0	01	CONCRETE	1976	SATISFACTORY	11	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	9,646	40	0	0	0	0	0	0
TOTAL	9,646	40	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 12 - Building Number 00012

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1976	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: NONE	Heat Capacity: ADEQUATE
Average Age NSF: 1976	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
225	2308	245	MEDIUM INDUSTRIAL LAB	20	01	CONCRETE	1976	SATISFACTORY	12	139	137
225A	628	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1976	SATISFACTORY	12	139	137
225B	103	315	TEACHER PLANNING OFFICE	0	01	COMPOSITION TILE	1976	SATISFACTORY	12	139	137
225C	206	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1976	SATISFACTORY	12	139	137
225D	206	810	MATERIAL STORAGE (LARGE)	0	01	CONCRETE	1976	SATISFACTORY	12	139	137
226	2172	245	MEDIUM INDUSTRIAL LAB	20	01	COMPOSITION TILE	1976	SATISFACTORY	12	139	137
226A	153	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1976	SATISFACTORY	12	139	137
226B	153	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	COMPOSITION TILE	1976	SATISFACTORY	12	139	137
226C	153	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1976	SATISFACTORY	12	139	137
226D	156	306	CONFERENCE ROOM	0	01	COMPOSITION TILE	1976	SATISFACTORY	12	139	137
226E	159	315	TEACHER PLANNING OFFICE	0	01	COMPOSITION TILE	1976	SATISFACTORY	12	139	137
227	3055	246	LARGE INDUSTRIAL LAB	20	01	COMPOSITION TILE	1976	SATISFACTORY	12	139	137

Report Date: 3/19/2015 12:15:19 PM

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT



Item ID	Room Number	Room Name	Count	Standard	Material	Year	Condition	Count	Item ID
227A	315	TEACHER PLANNING OFFICE	0	01	COMPOSITION TILE	1976	SATISFACTORY	12	137
227B	806	REFERENCE	0	01	COMPOSITION TILE	1976	SATISFACTORY	12	137
227C	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1976	SATISFACTORY	12	137
227D	810	MATERIAL STORAGE (LARGE)	0	01	COMPOSITION TILE	1976	SATISFACTORY	12	137
228	702	MECHANICAL ROOM	0	01	CONCRETE	1976	SATISFACTORY	12	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	10,389	60	0	0	0	0	0	0
TOTAL	10,389	60	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 13 - Building Number 00013

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1979	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1979	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
234	1273	244	SMALL INDUSTRIAL LAB	20	01	CARPET	1979	SATISFACTORY	13	139	137
234A	1000	244	SMALL INDUSTRIAL LAB	18	01	CARPET	1979	SATISFACTORY	13	139	137
234C	500	840	VOCATIONAL RELATED CLASSROOM	0	01	CARPET	1979	SATISFACTORY	13	139	137
234D	176	808	MATERIAL STORAGE	0	01	CONCRETE	1979	SATISFACTORY	13	139	137
234E	302	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CARPET	1979	SATISFACTORY	13	139	137
235	49	703	ELECTRICAL ROOM	0	01	CONCRETE	1979	SATISFACTORY	13	139	137
236	1792	245	MEDIUM INDUSTRIAL LAB	20	01	CONCRETE	1979	SATISFACTORY	13	139	137
236A	606	810	MATERIAL STORAGE (LARGE)	0	01	CONCRETE	1979	SATISFACTORY	13	139	137
236B	279	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CERAMIC TILE	1979	SATISFACTORY	13	139	137
237	98	703	ELECTRICAL ROOM	0	01	CONCRETE	1979	SATISFACTORY	13	139	137
238	177	331	CUSTODIAL SERVICE CLOSET	0	01	CERAMIC TILE	1979	SATISFACTORY	13	139	137
239	204	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1979	SATISFACTORY	13	139	137

Report Date: 3/19/2015 12:15:19 PM

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT



Room Number	Room Description	Material	Year	Condition	Area	Count	Notes
240	MECHANICAL ROOM	CONCRETE	1979	SATISFACTORY	13	139	137
241	VOCATIONAL RELATED CLASSROOM	CONCRETE	1979	SATISFACTORY	13	139	137
400D	VOCATIONAL LAB SUPPORT SPACE	CONCRETE	1979	SATISFACTORY	13	139	137
400E	VOCATIONAL LAB SUPPORT SPACE	CONCRETE	1979	SATISFACTORY	13	139	137
700	COVERED WALKWAY	CONCRETE	1979	SATISFACTORY	13	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	13,279	58	0	0	0	0	0	0
TOTAL	13,279	58	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 14 - Building Number 00014

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1979	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1979	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
245	2210	245	MEDIUM INDUSTRIAL LAB	20	01	CONCRETE	1979	SATISFACTORY	14	139	137
245A	578	840	VOCATIONAL RELATED CLASSROOM	0	01	CONCRETE	1979	SATISFACTORY	14	139	137
245B	103	315	TEACHER PLANNING OFFICE	0	01	COMPOSITION TILE	1979	SATISFACTORY	14	139	137
245C	204	810	MATERIAL STORAGE (LARGE)	0	01	CONCRETE	1979	SATISFACTORY	14	139	137
245D	130	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1979	SATISFACTORY	14	139	137
246	66	702	MECHANICAL ROOM	0	01	CONCRETE	1979	SATISFACTORY	14	139	137
600	3810	701	COVERED WALKWAY	0	01	CONCRETE	1979	SATISFACTORY	14	139	137
900	1530	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1979	SATISFACTORY	14	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	8,631	20	0	0	0	0	0	0
TOTAL	8,631	20	0	0	0	0	0	0

Report Date: 3/19/2015 12:15:19 PM

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 15 - Building Number 00015

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1979	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1979	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
015	224	700	INSIDE CIRCULATION	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
250	65	702	MECHANICAL ROOM	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
251	2318	245	MEDIUM INDUSTRIAL LAB	20	01	CONCRETE	1979	SATISFACTORY	15	139	137
251A	436	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
251B	436	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
251C	111	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
251D	96	315	TEACHER PLANNING OFFICE	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
251E	96	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
252	60	703	ELECTRICAL ROOM	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
253	510	840	VOCATIONAL RELATED CLASSROOM	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
254	21	700	INSIDE CIRCULATION	0	01	CERAMIC TILE	1979	SATISFACTORY	15	139	137
254A	123	816	STUDENT RESTROOM (FEMALE)	0	01	CONCRETE	1979	SATISFACTORY	15	139	137

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



255	34	331	CUSTODIAL SERVICE CLOSET	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
256	21	700	INSIDE CIRCULATION	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
256A	123	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1979	SATISFACTORY	15	139	137
257	19	808	MATERIAL STORAGE	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
258	617	840	VOCATIONAL RELATED CLASSROOM	18	01	COMPOSITION TILE	1979	SATISFACTORY	15	139	137
259	1120	244	SMALL INDUSTRIAL LAB	20	01	CONCRETE	1979	SATISFACTORY	15	139	137
260	2552	245	MEDIUM INDUSTRIAL LAB	20	01	CONCRETE	1979	SATISFACTORY	15	139	137
260A	574	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1979	SATISFACTORY	15	139	137
260B	200	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
260C	490	840	VOCATIONAL RELATED CLASSROOM	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
260D	219	812	PROJECT STORAGE	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
260E	363	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
260H	149	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
261	78	702	MECHANICAL ROOM	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
262	160	703	ELECTRICAL ROOM	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
263	2780	246	LARGE INDUSTRIAL LAB	20	01	CONCRETE	1979	SATISFACTORY	15	139	137
263A	526	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1979	SATISFACTORY	15	139	137
263B	113	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
263C	360	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
263D	155	702	MECHANICAL ROOM	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
800	1444	701	COVERED WALKWAY	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
800A	2240	701	COVERED WALKWAY	0	01	CONCRETE	1979	SATISFACTORY	15	139	137
800B	480	701	COVERED WALKWAY	0	01	CONCRETE	1979	SATISFACTORY	15	139	137

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



800C	876	701	COVERED WALKWAY		0	01	CONCRETE	1979	SATISFACTORY	15	139	137
			Square Feet	Student Stations								
			Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement			
			Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent			20,189	98	0	0	0	0	0	0	0	0
TOTAL			20,189	98	0	0	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 16 - Building Number 00016

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: NONE
Use: ADULT EDUCATION	Mech Vent: NONE	Heat Source: NONE
Year Constructed: 1976	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: NO HEAT PROVIDED
Year Modified:	Educational TV: NONE	Heat Capacity: NONE
Average Age NSF: 1976	Intercom: NONE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: CONCRETE
Stories: 1		Corridor: NONE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
175	98	333	FLAMMABLE STORAGE	0	01	CONCRETE	1976	SATISFACTORY	16	139	137
175A	62	333	FLAMMABLE STORAGE	0	01	CONCRETE	1976	SATISFACTORY	16	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	160	0	0	0	0	0	0	0
TOTAL	160	0	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 17 - Building Number 00017

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1976	Artificial Lighting: COMBINATION OF 1-6	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: NONE	Heat Capacity: ADEQUATE
Average Age NSF: 1976	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: NONE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
295	3250	246	LARGE INDUSTRIAL LAB	20	01	CONCRETE	1976	SATISFACTORY	17	139	137
295A	566	849	VOCATIONAL PROJECT STORAGE	0	01	CONCRETE	1976	SATISFACTORY	17	139	137
295B	147	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1976	SATISFACTORY	17	139	137
295C	146	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1976	SATISFACTORY	17	139	137
295D	546	840	VOCATIONAL RELATED CLASSROOM	0	01	CARPET	1976	SATISFACTORY	17	139	137
296	95	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1976	SATISFACTORY	17	139	137
297	114	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1976	SATISFACTORY	17	139	137
298	5167	246	LARGE INDUSTRIAL LAB	20	01	CONCRETE	1976	SATISFACTORY	17	139	137
298A	546	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1976	SATISFACTORY	17	139	137
298B	175	812	PROJECT STORAGE	0	01	CONCRETE	1976	SATISFACTORY	17	139	137
298C	75	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1976	SATISFACTORY	17	139	137
298D	250	810	MATERIAL STORAGE (LARGE)	0	01	CONCRETE	1976	SATISFACTORY	17	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 37 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



299	187	702	MECHANICAL ROOM	0	01	CONCRETE	1976	SATISFACTORY	17	139	137
700	2591	701	COVERED WALKWAY	0	01	CONCRETE	1976	SATISFACTORY	17	139	137
700A	35	701	COVERED WALKWAY	0	01	CONCRETE	1976	SATISFACTORY	17	139	137
700B	35	701	COVERED WALKWAY	0	01	CONCRETE	1976	SATISFACTORY	17	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	13,925	40	0	0	0	0	0	0
TOTAL	13,925	40	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 18 - Building Number 00018

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1985	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1985	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	MET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
285	2053	245	MEDIUM INDUSTRIAL LAB	20	01	CARPET	1985	SATISFACTORY	18	139	137
285A	300	810	MATERIAL STORAGE (LARGE)	0	01	CARPET	1985	SATISFACTORY	18	139	137
285B	87	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	COMPOSITION TILE	1985	SATISFACTORY	18	139	137
286	23	331	CUSTODIAL SERVICE CLOSET	0	01	CONCRETE	1985	SATISFACTORY	18	139	137
287	88	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	18	139	137
288	1063	244	SMALL INDUSTRIAL LAB	20	01	COMPOSITION TILE	1985	SATISFACTORY	18	139	137
288A	520	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1985	SATISFACTORY	18	139	137
288B	147	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1985	SATISFACTORY	18	139	137
288C	117	808	MATERIAL STORAGE	0	01	CONCRETE	1985	SATISFACTORY	18	139	137
288D	93	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1985	SATISFACTORY	18	139	137
288E	248	849	VOCATIONAL PROJECT STORAGE	0	01	CONCRETE	1985	SATISFACTORY	18	139	137
289	32	703	ELECTRICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	18	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 39 of 58

**FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT**



	290	139	702	MECHANICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	18	139	137
	500C	49	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	18	139	137
	600A	595	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	18	139	137
	600B	41	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	18	139	137
	600C	210	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1985	SATISFACTORY	18	139	137
			Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement			
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	6,015	40	0	0	0	0	0	0	0	0	0	0
TOTAL	6,015	40	0	0	0	0	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 19 - Building Number 00019

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1985	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1985	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 2		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
016	171	700	INSIDE CIRCULATION	0	01	CARPET	1985	SATISFACTORY	19	139	137
016A	112	700	INSIDE CIRCULATION	0	01	CARPET	1985	SATISFACTORY	19	139	137
100A	2928	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	19	139	137
100B	2233	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	19	139	137
275	2583	270	WORK EVALUATION LAB	0	01	CARPET	1985	SATISFACTORY	19	139	137
275A	156	315	TEACHER PLANNING OFFICE	0	01	CARPET	1985	SATISFACTORY	19	139	137
275B	230	810	MATERIAL STORAGE (LARGE)	0	01	COMPOSITION TILE	1985	SATISFACTORY	19	139	137
275C	103	315	TEACHER PLANNING OFFICE	0	01	CARPET	1985	SATISFACTORY	19	139	137
275D	282	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CARPET	1985	SATISFACTORY	19	139	137
275E	265	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CARPET	1985	SATISFACTORY	19	139	137
275F	265	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CARPET	1985	SATISFACTORY	19	139	137
275G	24	334	CUSTODIAL EQUIPMENT STORAGE	0	01	CONCRETE	1985	SATISFACTORY	19	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 41 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT



Station ID	Room Name	Area (Sq Ft)	Condition	Year	Material	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
						Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
275H	VOCATIONAL LAB SUPPORT SPACE	272	0	01	CARPET	1985	SATISFACTORY	19	139	137			
276	MECHANICAL ROOM	702	0	01	CONCRETE	1985	SATISFACTORY	19	139	137			
277	STAFF RESTROOM (FEMALE)	820	0	01	CERAMIC TILE	1985	SATISFACTORY	19	139	137			
278	STAFF RESTROOM (MALE)	819	0	01	CERAMIC TILE	1985	SATISFACTORY	19	139	137			
279	WORK EVALUATION LAB	270	0	01	CARPET	1985	SATISFACTORY	19	139	137			
279A	MATERIAL STORAGE	808	0	01	CONCRETE	1985	SATISFACTORY	19	139	137			
279B	TEACHER LOUNGE/DINING	316	0	01	COMPOSITION TILE	1985	SATISFACTORY	19	139	137			
279C	MATERIAL STORAGE	808	0	01	COMPOSITION TILE	1985	SATISFACTORY	19	139	137			
279D	VOCATIONAL LAB SUPPORT SPACE	272	0	01	CARPET	1985	SATISFACTORY	19	139	137			
100C	COVERED WALKWAY	701	0	02	CONCRETE	1985	SATISFACTORY	19	139	137			
184	BUSINESS EDUCATION LAB	212	20	02	CARPET	1985	SATISFACTORY	19	139	137			
184A	VOCATIONAL RELATED CLASSROOM	840	13	02	COMPOSITION TILE	1985	SATISFACTORY	19	139	137			
184B	TEACHER PLANNING OFFICE	315	0	02	CARPET	1985	SATISFACTORY	19	139	137			
184C	MATERIAL STORAGE	808	0	02	CARPET	1985	SATISFACTORY	19	139	137			

Category	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	15,731	33	0	0	0	0	0	0
TOTAL	15,731	33	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 20 - Building Number 00020

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: NONE
Year Constructed: 1985	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: NO HEAT PROVIDED
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: NONE
Average Age NSF: 1985	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
315	1949	209	MEDIUM AGRICULTURE LAB	20	01	CONCRETE	1985	SATISFACTORY	20	139	137
315A	1404	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	20	139	137
315B	373	810	MATERIAL STORAGE (LARGE)	0	01	CONCRETE	1985	SATISFACTORY	20	139	137
315C	663	851	VOCATIONAL TOOL STORAGE (LARGE)	0	01	CONCRETE	1985	SATISFACTORY	20	139	137
316	182	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	20	139	137
317	134	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	20	139	137
318	25	331	CUSTODIAL SERVICE CLOSET	0	01	CONCRETE	1985	SATISFACTORY	20	139	137
319	189	702	MECHANICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	20	139	137
320	359	333	FLAMMABLE STORAGE	0	01	CONCRETE	1985	SATISFACTORY	20	139	137
900	300	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	20	139	137
900A	260	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	20	139	137
900B	168	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	20	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 43 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



900C	300	701	COVERED WALKWAY		0	01	CONCRETE	1985		SATISFACTORY	20	139	137
			Square Feet	Student Stations				Failed Standards	Scheduled For Replacement				
			Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement				
			Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Student Stations
Permanent			6,306	20	0	0	0	0	0	0	0	0	0
TOTAL			6,306	20	0	0	0	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 21 - Building Number 00021

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: NONE
Use: ADULT EDUCATION	Mech Vent: NONE	Heat Source: SOLAR
Year Constructed: 1985	Artificial Lighting: NONE	Heat Distribution: COMBINATION OF SYSTEMS
Year Modified:	Educational TV: NONE	Heat Capacity: ADEQUATE
Average Age NSF: 1985	Intercom: NONE	Walls: WOOD
Relocatable Units: 0	Telephone: NONE	Struct Comp: WOOD
Stories: 1		Corridor: NONE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
325	841	272	VOCATIONAL LAB SUPPORT SPACE	0	01	OTHER	1985	SATISFACTORY	21	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	841	0	0	0	0	0	0	0
TOTAL	841	0	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 22 - Building Number 00022

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: NONE
Use: ADULT EDUCATION	Mech Vent: NONE	Heat Source: NONE
Year Constructed: 1985	Artificial Lighting: NONE	Heat Distribution: NO HEAT PROVIDED
Year Modified:	Educational TV: NONE	Heat Capacity: NONE
Average Age NSF: 1985	Intercom: NONE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: NONE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
401	44	333	FLAMMABLE STORAGE	0	01	CONCRETE	1985	SATISFACTORY	22	199	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanant	44	0	0	0	0	0	0	0
TOTAL	44	0	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 23 - Building Number 00023

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: NONE
Use: ADULT EDUCATION	Mech Vent: NONE	Heat Source: NONE
Year Constructed: 1992	Artificial Lighting: NONE	Heat Distribution: NO HEAT PROVIDED
Year Modified:	Educational TV: NONE	Heat Capacity: NONE
Average Age NSF: 1992	Intercom: NONE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: CONCRETE
Stories: 1		Corridor: NONE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
501	219	702	MECHANICAL ROOM	0	01	CONCRETE	1992	SATISFACTORY	23	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	219	0	0	0	0	0	0	0
TOTAL	219	0	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT

FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE

BUILDING: 24 - Building Number 00024

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 2004	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 2004	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 2		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
0024	200	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
0024A	49	827	ELEVATOR (PASSENGER/HANDICAPPED)	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
0024B	200	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
0024C	200	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2400	1411	701	COVERED WALKWAY	0	01	CONCRETE	2004	SATISFACTORY	24	139	137
2400A	1094	701	COVERED WALKWAY	0	01	CONCRETE	2004	SATISFACTORY	24	139	137
2400B	1411	701	COVERED WALKWAY	0	01	CONCRETE	2004	SATISFACTORY	24	139	137
2400C	600	701	COVERED WALKWAY	0	01	CONCRETE	2004	SATISFACTORY	24	139	137
2400H	1329	701	COVERED WALKWAY	0	01	CONCRETE	2004	SATISFACTORY	24	139	137
2401	806	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2401A	71	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2402	806	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 48 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



2402A	71	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2403	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2403A	75	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2404	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2404A	75	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2405	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2405A	75	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2406	83	331	CUSTODIAL SERVICE CLOSET	0	01	CONCRETE	2004	SATISFACTORY	24	139	137
2407	205	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	2004	SATISFACTORY	24	139	137
2408	193	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	2004	SATISFACTORY	24	139	137
2409	119	703	ELECTRICAL ROOM	0	01	CONCRETE	2004	SATISFACTORY	24	139	137
2410	817	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2410A	77	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2411	650	702	MECHANICAL ROOM	0	01	CONCRETE	2004	SATISFACTORY	24	139	137
2412	814	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2412A	77	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2413	812	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2413A	75	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2414	824	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2414A	80	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2415	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2415A	75	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2416	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2416A	75	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT



2417	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2417A	75	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2418	806	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2418A	71	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2419	806	315	TEACHER PLANNING OFFICE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2419A	71	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2420	45	820	STAFF RESTROOM (FEMALE)	0	01	CERAMIC TILE	2004	SATISFACTORY	24	139	137
2421	45	819	STAFF RESTROOM (MALE)	0	01	CERAMIC TILE	2004	SATISFACTORY	24	139	137
2422	50	702	MECHANICAL ROOM	0	01	CONCRETE	2004	SATISFACTORY	24	139	137
2423	31	331	CUSTODIAL SERVICE CLOSET	0	01	CONCRETE	2004	SATISFACTORY	24	139	137
2400D	1411	701	COVERED WALKWAY	0	02	CONCRETE	2004	SATISFACTORY	24	139	137
2400E	625	701	COVERED WALKWAY	0	02	CONCRETE	2004	SATISFACTORY	24	139	137
2400F	1411	701	COVERED WALKWAY	0	02	CONCRETE	2004	SATISFACTORY	24	139	137
2400G	600	701	COVERED WALKWAY	0	02	CONCRETE	2004	SATISFACTORY	24	139	137
2425	1530	23	SENIOR HIGH SCIENCE LAB (9-12)	25	02	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2426	967	315	TEACHER PLANNING OFFICE	0	02	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2426A	100	808	MATERIAL STORAGE	0	02	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2427	1530	23	SENIOR HIGH SCIENCE LAB (9-12)	25	02	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2428	810	840	VOCATIONAL RELATED CLASSROOM	24	02	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2428A	75	808	MATERIAL STORAGE	0	02	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2429	205	816	STUDENT RESTROOM (FEMALE)	0	02	CERAMIC TILE	2004	SATISFACTORY	24	139	137
2430	193	815	STUDENT RESTROOM (MALE)	0	02	CERAMIC TILE	2004	SATISFACTORY	24	139	137
2431	811	840	VOCATIONAL RELATED CLASSROOM	24	02	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2431A	55	808	MATERIAL STORAGE	0	02	COMPOSITION TILE	2004	SATISFACTORY	24	139	137

Report Date: 3/19/2015 12:15:19 PM

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



Item ID	Room Number	Room Name	Count	Material	Year	Condition	Count	Year	Condition
2432	703	ELECTRICAL ROOM	0	CONCRETE	2004	SATISFACTORY	24	199	137
2433	331	CUSTODIAL SERVICE CLOSET	0	CONCRETE	2004	SATISFACTORY	24	139	137
2434	707	TELEPHONE EQUIPMENT/COMMUNICATION CLOSET	0	CONCRETE	2004	SATISFACTORY	24	139	137
2435	702	MECHANICAL ROOM	0	CONCRETE	2004	SATISFACTORY	24	139	137
2436	840	VOCATIONAL RELATED CLASSROOM	24	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2436A	808	MATERIAL STORAGE	0	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2437	840	VOCATIONAL RELATED CLASSROOM	24	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2437A	808	MATERIAL STORAGE	0	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2438	840	VOCATIONAL RELATED CLASSROOM	24	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2438A	808	MATERIAL STORAGE	0	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2439	840	VOCATIONAL RELATED CLASSROOM	24	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2439A	808	MATERIAL STORAGE	0	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2440	1530	SENIOR HIGH SCIENCE LAB (9-12)	25	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2441	702	MECHANICAL ROOM	0	CONCRETE	2004	SATISFACTORY	24	139	137
2442	331	CUSTODIAL SERVICE CLOSET	0	CONCRETE	2004	SATISFACTORY	24	139	137
2443	1530	SENIOR HIGH SCIENCE LAB (9-12)	25	COMPOSITION TILE	2004	SATISFACTORY	24	139	137
2444	820	STAFF RESTROOM (FEMALE)	0	CERAMIC TILE	2004	SATISFACTORY	24	139	137
2445	819	STAFF RESTROOM (MALE)	0	CERAMIC TILE	2004	SATISFACTORY	24	139	137
2446	808	MATERIAL STORAGE	0	COMPOSITION TILE	2004	SATISFACTORY	24	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	38,256	556	0	0	0	0	0	0
TOTAL	38,256	556	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH) FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT
FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE
BUILDING: 98 - Building Number 00098

Owner: FEDERAL	Light: ADEQUATE	Cooling: INDIVIDUAL UNITS
Use: ADULT EDUCATION	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1976	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: INDIVIDUAL UNIT REVERSE CYCLE
Year Modified:	Educational TV: CLOSED CIRCUIT	Heat Capacity: ADEQUATE
Average Age NSF: 1976	Interroom: TWO WAY COMPLETE	Walls: RELOCATABLE
Relocatable Units: 2	Telephone: PARTIAL SYSTEM	Struct Comp: RELOCATABLE
Stories: 1		Corridor: NONE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
R9A	864	840	VOCATIONAL RELATED CLASSROOM	25	01	CARPET	1976	SATISFACTORY	98	139	137
R9B	764	840	VOCATIONAL RELATED CLASSROOM	22	01	CARPET	1976	SATISFACTORY	98	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Relocatable	1,628	47	0	0	0	0	0	0
TOTAL	1,628	47	0	0	0	0	0	0

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT

FACILITY: 137-A ATLANTIC TECHNICAL COLLEGE

BUILDING: 99 - Building Number 00099

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: INDIVIDUAL UNITS
Use: ADULT EDUCATION	Mech Vent: NONE	Heat Source: ELECTRIC
Year Constructed: 1958	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: INDIVIDUAL UNIT REVERSE CYCLE
Year Modified:	Educational TV: NONE	Heat Capacity: ADEQUATE
Average Age NSF: 1974	Intercom: TWO WAY COMPLETE	Walls: RELOCATABLE
Relocatable Units: 15	Telephone: PARTIAL SYSTEM	Struct Comp: RELOCATABLE
Stories: 1		Corridor: NONE

ROOM	MET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
010C	792	840	VOCATIONAL RELATED CLASSROOM	23	01	CARPET	1990	SATISFACTORY	99	139	137
011H	792	840	VOCATIONAL RELATED CLASSROOM	23	01	CARPET	1968	SATISFACTORY	99	139	137
120	640	840	VOCATIONAL RELATED CLASSROOM	19	01	COMPOSITION TILE	1958	SATISFACTORY	99	139	137
127N	792	840	VOCATIONAL RELATED CLASSROOM	23	01	CARPET	1975	SATISFACTORY	99	139	137
163C	792	840	VOCATIONAL RELATED CLASSROOM	23	01	COMPOSITION TILE	1994	SATISFACTORY	99	139	137
172	640	840	VOCATIONAL RELATED CLASSROOM	19	01	COMPOSITION TILE	1958	SATISFACTORY	99	139	137
263C	1012	840	VOCATIONAL RELATED CLASSROOM	30	01	CARPET	1987	SATISFACTORY	99	139	137
325	640	840	VOCATIONAL RELATED CLASSROOM	19	01	COMPOSITION TILE	1958	SATISFACTORY	99	139	137
372	640	840	VOCATIONAL RELATED CLASSROOM	19	01	COMPOSITION TILE	1958	SATISFACTORY	99	139	137
54N	792	840	VOCATIONAL RELATED CLASSROOM	23	01	CARPET	1968	SATISFACTORY	99	139	137
62C	792	840	VOCATIONAL RELATED CLASSROOM	23	01	COMPOSITION TILE	1986	SATISFACTORY	99	139	137
63C	792	840	VOCATIONAL RELATED CLASSROOM	23	01	COMPOSITION TILE	1986	SATISFACTORY	99	139	137

Report Date: 3/19/2015 12:15:19 PM

Page 53 of 58

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

FACILITY INVENTORY REPORT



69	640	840	VOCATIONAL RELATED CLASSROOM	19	01	COMPOSITION TILE	1958	SATISFACTORY	99	139	137
6N	792	840	VOCATIONAL RELATED CLASSROOM	23	01	COMPOSITION TILE	1967	SATISFACTORY	99	139	137
888T	792	814	STUDENT RESTROOM (BOTH SEXES)	0	01	CERAMIC TILE	1989	SATISFACTORY	99	139	137

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Relocatable	11,340	309	0	0	0	0	0	0
TOTAL	11,340	309	0	0	0	0	0	0

**FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT**



STUDENT STATIONS BY DESIGN CODE FOR:
FACILITY: ATLANTIC TECHNICAL COLLEGE

Design Code	Design Code Description	Satis Stu Sta			Unsat Stu Sta			Sat Tot	Unsat Tot	Satis Rooms			Unsat Rooms			Repl Stu Sta	Fail Stu Rooms	Repl Rooms
		Perm	Mod	Relo	Perm	Mod	Relo			Perm	Mod	Relo	Perm	Mod	Relo			
00023	SENIOR HIGH SCIENCE LAB (9-12)	100	0	0	0	0	0	100	0	4	0	0	0	0	0	0	0	
00203	MEDIUM AGRICULTURE LAB	20	0	0	0	0	20	0	1	0	0	0	0	0	0	0	0	
00211	PRACTICAL BUSINESS LAB	40	0	0	0	0	40	0	2	0	0	0	0	0	0	0	0	
00212	BUSINESS EDUCATION LAB	101	0	0	0	0	101	0	3	0	0	0	0	0	0	0	0	
00222	SMALL DISTRIBUTIVE/DIVERSIFIED LAB	40	0	0	0	0	40	0	2	0	0	0	0	0	0	0	0	
00223	MEDIUM DISTRIBUTIVE/DIVERSIFIED LAB	20	0	0	0	0	20	0	1	0	0	0	0	0	0	0	0	
00232	SMALL HOME ECONOMICS LAB	40	0	0	0	0	40	0	2	0	0	0	0	0	0	0	0	
00234	LARGE HOME ECONOMICS LAB	40	0	0	0	0	40	0	2	0	0	0	0	0	0	0	0	
00242	MEDIUM TECHNOLOGY LAB	20	0	0	0	0	20	0	1	0	0	0	0	0	0	0	0	
00244	SMALL INDUSTRIAL LAB	78	0	0	0	0	78	0	4	0	0	0	0	0	0	0	0	
00245	MEDIUM INDUSTRIAL LAB	200	0	0	0	0	200	0	10	0	0	0	0	0	0	0	0	
00246	LARGE INDUSTRIAL LAB	80	0	0	0	0	80	0	4	0	0	0	0	0	0	0	0	
00251	PRACTICAL HEALTH LAB	24	0	0	0	0	24	0	1	0	0	0	0	0	0	0	0	
00252	SMALL HEALTH LAB	120	0	0	0	0	120	0	6	0	0	0	0	0	0	0	0	
00270	WORK EVALUATION LAB	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
00272	VOCATIONAL LAB SUPPORT SPACE	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0	0	
00300	PRINCIPAL/DIRECTOR OFFICE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
00301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	
00302	BOOKKEEPING OFFICE	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
00303	SECRETARIAL SPACE	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	
00304	RECEPTION AREA	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	
00306	CONFERENCE ROOM	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	
00308	GENERAL SCHOOL STORAGE	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	
00309	VAULT/STUDENT RECORDS	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	

Report Date: 3/19/2015 12:15:19 PM

FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT



Design Code	Design Code Description	Satis Stu Sta			Unsat Stu Sta			Satis Rooms			Unsat Rooms			Fall Std Rooms		Repl Rooms	
		Perm	Mod	Relo	Perm	Mod	Relo	Tot	Unsat	Perm	Mod	Relo	Perm	Mod	Relo	Relo	Relo
00310	SCHOOL STORE	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
00312	COMPUTER AREA	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
00313	CAREERS ROOM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
00315	TEACHER PLANNING OFFICE	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0
00316	TEACHER LOUNGE/DINING	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
00330	CUSTODIAL RECEIVING	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
00331	CUSTODIAL SERVICE CLOSET	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0
00333	FLAMMABLE STORAGE	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
00334	CUSTODIAL EQUIPMENT STORAGE	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
00340	DINING AREA	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0
00342	KITCHEN DRY STORAGE	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
00344	KITCHEN GARBAGE WASH	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
00345	KITCHEN NONFOOD STORAGE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
00347	KITCHEN DISH WASHING	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
00350	OTHER FOOD SERVICE	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
00380	LIBRARY (READING ROOM/STACKS)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
00381	MEDIA TECHNICAL PROCESSING	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
00383	AUDIO VISUAL STORAGE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
00700	INSIDE CIRCULATION	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0
00701	COVERED WALKWAY	0	0	0	0	0	0	0	0	49	0	0	0	0	0	0	0
00702	MECHANICAL ROOM	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0
00703	ELECTRICAL ROOM	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0
00705	GALLERY/ART DISPLAY	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
00707	TELEPHONE EQUIPMENT/COMMUNICATION CLOSET	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
00803	INSTRUCTIONAL DARKROOM	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
00806	REFERENCE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Report Date: 3/19/2015 12:15:19 PM

**FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT**

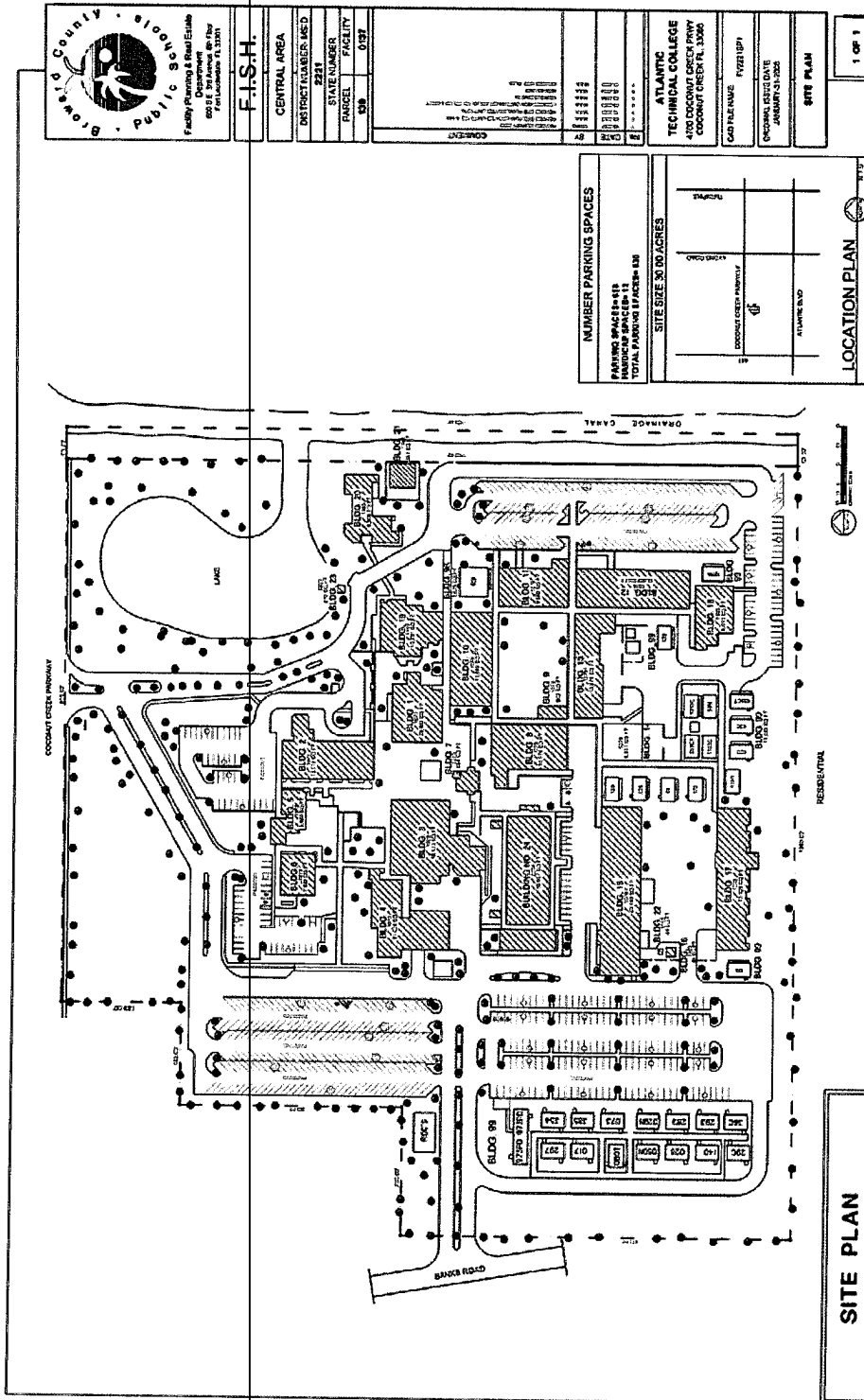


Design Code	Design Code Description	Satis Stu Sta			Unsat Stu Sta			Sat Tot	Unsat			Satis Rooms			Unsat Rooms			Fail Std Stu Sta		Repl Stu Sta		Fail Std Rooms		Repl Rooms	
		Perm	Mod	Relo	Perm	Mod	Relo		Tot	Perm	Mod	Relo	Perm	Mod	Relo	Perm	Mod	Relo	Relo	Relo	Relo	Relo	Relo	Relo	Relo
00808	MATERIAL STORAGE	0	0	0	0	0	0	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00810	MATERIAL STORAGE (LARGE)	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00812	PROJECT STORAGE	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00814	STUDENT RESTROOM (BOTH SEXES)	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
00815	STUDENT RESTROOM (MALE)	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00816	STUDENT RESTROOM (FEMALE)	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00818	LOCKERS/RESTROOM/SHOWER (ESE/VOC ED)	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00819	STAFF RESTROOM (MALE)	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00820	STAFF RESTROOM (FEMALE)	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00821	STAFF RESTROOM (BOTH SEXES)	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00822	PUBLIC USE RESTROOM (MALE)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00823	PUBLIC USE RESTROOM (FEMALE)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00827	ELEVATOR (PASSENGER/HANDICAPPED)	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00840	VOCATIONAL RELATED CLASSROOM	545	0	639	0	0	1184	0	41	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	
00849	VOCATIONAL PROJECT STORAGE	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00850	VOCATIONAL TOOL STORAGE (SMALL)	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
00851	VOCATIONAL TOOL STORAGE (LARGE)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Totals:		1488	0	639	0	0	2107	0	484	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	

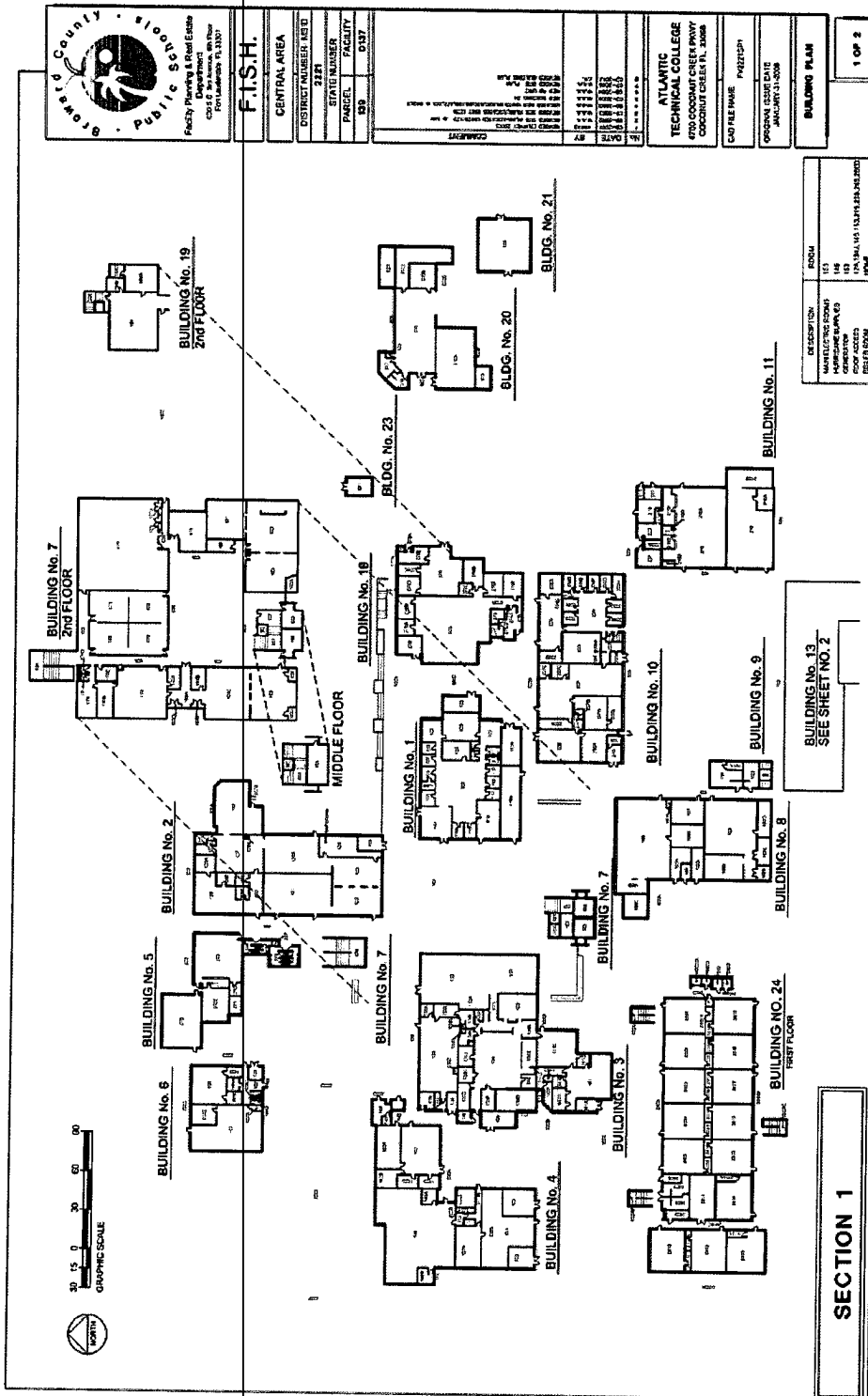
FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)
FACILITY INVENTORY REPORT



2.3.3 FISH Site Plan



2.3.4 FISH Building Plan



2.4.0 Facility Assessments and Budgetary Documentation

This section includes facility condition assessments and budgetary documentation that has been completed over recent years regarding the General Obligation Bond funding and approved budgetary construction scope of work.

2.4.1 Adopted District Educational Facilities Plan

The ADEFP is the most recent approved budget for each campus of Broward County Schools. Construction scope is itemized including changes to the initial deficiency listings for each campus. It is the responsibility of the Design/Build Contractor to reconcile any differences between the ADEFP and additional budgetary or facility condition assessments.

2.4.2 SMART Campus Summary

The SMART Campus Summary is the most recent facility condition assessment completed for each campus. The summary provides existing building applicable dates and square footage, in addition to deficiency listings broken down into Safety & Security, Music & Arts, Athletics, Renovations, and Technology (SMART) categories to organize the approved funding in terms of programs that are affected.

The Campus Summary does not represent the final approved funding, and is for information purposes only.

2.4.3 MAPPS Deficiency Listing

The MAPPS Deficiency Listing is a detailed facility condition assessment conducted by Jacobs over recent years. The deficiency listing is presented as an itemized list of deficiencies on a site and building specific level organized by discipline. Note that all deficiency items are not in the scope of work. Items initialed "GOB" are included in the initial General Obligation Bond, prior to final approval of ADEFP.

The MAPPS Deficiency Listing does not represent the final approved funding, and is for information purposes only.

2.4.4 MAPPS Detailed List

The MAPPS Detailed List is raw database information in tabular format. The purpose of the Detailed List is to provide additional notes and quantity to cost estimate information. It is important to note that the Detailed List does not include all items from the approved budget. Additional items may occur and should be confirmed with the ADEFP.

2.4.5 MAPPS Deficiency Detail

The MAPPS Deficiency Detail report is raw database information with a breakdown of the cost estimate including construction adjustments and soft cost adjustments. As is with the Detail List, budget confirmation with the ADEFP is required.

2.4.1 Adopted District Educational Facilities Plan (DEFP)

Atlantic Technical College

Adopted District Educational Facilities Plan							
Project	Carryover (2014-15)	Year 1 (2015-16)	Year 2 (2016-17)	Year 3 (2017-18)	Year 4 (2018-19)	Total	Scope
Canopy Replacement	405,000					405,000	Demolish existing canopy and install new Main Entrance Canopy at Building #1. Scope of work includes new lighting and lighting protection, concrete slab and structural concrete columns, storm drainage, revised stairs, planters and handrails.
HVAC	6,051,469					6,051,469	IAQ Repairs - HVAC
Re-Roof	221,400					221,400	Demolish existing roofing and tectum decking down to bar joists on Building #8. Install new metal decking and SBS Modified roof system and related accessories.
ADEFP Sub-Total	626,400	0	0	0	0	626,400	

SMART Program							
Project	Carryover (2014-15)	Year 1 (2015-16)	Year 2 (2016-17)	Year 3 (2017-18)	Year 4 (2018-19)	Total	Scope
Safety & Security		1,482,000				1,482,000	Fire Sprinklers
Renovation	161,000					161,000	Wireless Network Upgrade
Renovation		100,000				100,000	School Choice Enhancement
Renovation		118,000				118,000	Media Center improvements
Renovation		4,642,000				4,642,000	IAQ Repairs - HVAC
Renovation	18,000					18,000	CAT 6 Data port Upgrade
Renovation		2,710,000				2,710,000	Building Envelope Improvements (Roof, Window, Ext Wall, etc.)
Technology	483,000					483,000	Technology infrastructure (Servers, Racks, etc.) Upgrade
SMART Sub-Total	662,000	9,052,000	0	0	0	9,714,000	

	Carryover (2014-15)	Year 1 (2015-16)	Year 2 (2016-17)	Year 3 (2017-18)	Year 4 (2018-19)	Total
School Total	1,288,400	9,052,000	0	0	0	10,340,400

2.4.2 SMART Campus Summary



2014 Facility Condition Assessment
Campus Summary

2221 Atlantic Technical College
4700 Coconut Creek Parkway
Coconut Creek FL 33063



Year Open		1972
Other Years	1973, 1976, 1979, 1985, 1992, 2004	
Perm. Bldgs/SF	24	201,241
Port. Bldgs/SF	0	0
Current FCI Need		15,618,609
Replacement Value	+	42,970,653
Facility Condition Index	=	36.3 %

Facility Condition Index



GOB Bond / Construction Projects

Safety & Security	Budget	Fund Yr.	Status
Atlantic Technical College Fire Sprinklers	\$1,482,000	2016	2014 GOB
	\$1,482,000		
Music & Arts	Budget	Fund Yr.	Status
None Identified			
Athletics	Budget	Fund Yr.	Status
None Identified			
Renovations	Budget	Fund Yr.	Status
Atlantic Technical College Roofing	\$1,811,000	2016	2014 GOB
Atlantic Technical College (Portable) Roofing	\$207,000	2016	2014 GOB
Atlantic Technical College HVAC	\$2,672,000	2016	2014 GOB
Atlantic Technical Center School Choice Enhancement	\$100,000	2016	2014 GOB
Atlantic Technical College Other Envelope Improvements	\$692,000	2016	2014 GOB
Atlantic Technical College Other HVAC Improvements	\$2,021,000	2016	2014 GOB
Atlantic Technical College (Portable) Other HVAC Improvements	\$73,000	2016	2014 GOB
Atlantic Technical College Media Center Renovations	\$118,000	2016	2014 GOB
Re Roof Building 8	\$96,000	2014	Construction
Replc Front Canopy		2014	Construction
	\$7,790,000		
Technology	Budget	Fund Yr.	Status
Atlantic Technical College (Portable) Technology Infrastructure (Servers, R	\$483,000	2015	2014 GOB
Atlantic Technical College (Portable) CAT 6 Dataport	\$18,000	2015	2014 GOB
Atlantic Technical College (Portable) Wireless Network	\$161,000	2015	2014 GOB
	\$662,000		
Total In-Progress and Planned	\$9,934,000		
Total Unplanned Need	\$7,405,983		



2014 Facility Condition Assessment
Campus Summary

Unplanned Need	
Safety & Security	Budget
None Identified	\$0
Music & Arts	
	Budget
None Identified	\$0
Athletics	
	Budget
None Identified	\$0
Renovations	
	Budget
Renovations to buildings 12 and 19	\$566,425
Various maintenance projects throughout campus	
Atlantic Technical College Cafeteria Renovations	\$207,161
Misc Maintenance Improvements at Atlantic Technical College	\$2,461,902
Misc Site Improvements at Atlantic Technical College	\$630,954
Misc Interior Improvements at Atlantic Technical College	\$1,168,664
Misc Plumbing Improvements at Atlantic Technical College	\$804,746
Misc Specialties Improvements at Atlantic Technical College	\$1,314,141
	\$7,153,992
Technology	
	Budget
Fiber Optic Network (10GB) Upgrade at Atlantic Technical College (Portable)	\$251,992
	\$251,992
Total Unplanned Need	\$7,405,983

2.4.3 MAPPS Deficiency Listing

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Site Level Deficiencies

Site

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
School lacks appropriate drop-off areas.	Educational Adequacy	5	Ea.	3	\$622,552	255490
Site Drainage is Inadequate and Installation of Drainage Piping	Deferred Maintenance	300	LF	3	\$8,402	66873
Sub Total for System		2	Items		\$630,954	

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Aluminum Covered Walkways Require Replacement	Capital Renewal	22,034	SF	2	\$135,625	314384 GOB
Aluminum Covered Walkways Require Replacement	Capital Renewal	4,255	SF	2	\$26,191	314385 GOB
Aluminum Covered Walkways Require Replacement	Capital Renewal	1,028	SF	2	\$6,328	314565 GOB
Aluminum Covered Walkways Require Replacement	Capital Renewal	5,702	SF	2	\$35,097	314566 GOB
Aluminum Covered Walkways Require Replacement	Capital Renewal	2,628	SF	2	\$16,176	314567 GOB
Aluminum Covered Walkways Require Replacement	Capital Renewal	2,390	SF	2	\$14,711	314568 GOB
Aluminum Covered Walkways Require Replacement	Capital Renewal	3,810	SF	2	\$23,452	314569 GOB
Aluminum Covered Walkways Require Replacement	Capital Renewal	2,661	SF	2	\$16,379	314590 GOB
Aluminum Covered Walkways Require Replacement	Capital Renewal	3,520	SF	2	\$21,667	314591 GOB
Sub Total for System		9	Items		\$295,625	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Chiller HVAC Component Is Damaged And Requires Replacement	Capital Renewal	3	Ea.	2	\$720,493	68752 GOB
The Chiller HVAC Component Is Damaged And Requires Replacement	Capital Renewal	1	Ea.	2	\$230,441	312367
The Chiller HVAC Component Is Damaged And Requires Replacement	Capital Renewal	1	Ea.	2	\$230,441	312367 GOB
Sub Total for System		3	Items		\$1,181,376	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
School requires technology infrastructure (servers, racks, etc).	Functional Deficiency	1	LS	1	\$483,120	313391 GOB
School requires voice over Internet protocol phone system	Functional Deficiency	1	LS	1	\$189,687	313975
School requires Wireless Access Point hardware	Functional Deficiency	1	LS	1	\$70,064	313601 GOB
CAT-6 wiring to WAP needs to be provided	Functional Deficiency	116	Ea.	3	\$90,815	225160 GOB
The Phone System Is Inadequate And A System Should Be Installed For The Entire School	Educational Adequacy	201,241	SF	4	\$885,462	225741
Sub Total for System		5	Items		\$1,720,149	

Other

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
School Selected Educational Adequacy Enhancement	Educational Adequacy	1	LS	2	\$100,000	314110 GOB
Sub Total for System		1	Items		\$100,000	
Sub Total for School and Site Level		20	Items		\$3,928,103	

Building: 01 - Administration

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing Required (Broward CPS)	Capital Renewal	7,253	SF	2	\$76,077	223304 GOB
Sub Total for System		1	Items		\$76,077	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Exterior Door Hardware Requires Replacement	Deferred Maintenance	14	Ea.	3	\$40,354	66879 GOB
The Exterior Requires Painting	Capital Renewal	5,400	SF Wall	3	\$18,434	66883 GOB

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 01 - Administration

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Cleaning	Deferred Maintenance	5,400	SF Wall	5	\$10,921	66884
Sub Total for System		3	Items		\$69,710	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	1	Ea.	3	\$171	Rollup
The Acoustical Ceilings Tiles Require Replacement	Capital Renewal	7,000	SF	3	\$39,474	66880
The Interior Door Hardware Requires Replacement	Capital Renewal	17	Door	4	\$37,943	66881
Sub Total for System		3	Items		\$77,588	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Controls Require Repair	Deferred Maintenance	7,253	SF	2	\$11,659	68621 GOB
Ductwork Requires Replacement	Capital Renewal	800	LF	3	\$7,993	68622 GOB
Exhaust Fan Ventilation Requires Replacement	Capital Renewal	2	Ea.	3	\$4,215	68617 GOB
Duct Grill is Damaged Requires Replacement	Deferred Maintenance	2	Ea.	5	\$209	68624
Duct Register Requires Replacement	Deferred Maintenance	30	Ea.	5	\$9,008	68623
Sub Total for System		5	Items		\$33,084	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Toilets Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	2	\$4,560	68627
The Rest Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	3	Ea.	3	\$7,470	68626
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	1	Ea.	4	\$1,704	68625
Sub Total for System		3	Items		\$13,734	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	7,253	SF	1	\$63,261	68628 GOB
Sub Total for System		1	Items		\$63,261	
Sub Total for Building 01 - Administration		16	Items		\$333,454	

Building: 02 - Building 2

Site

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Mounted Building Lighting Is Damaged And Should Be Replaced	Capital Renewal	1	Ea.	2	\$998	68434
Sub Total for System		1	Items		\$998	

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	13,619	SF	2	\$165,707	223305 GOB
Sub Total for System		1	Items		\$165,707	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Exterior Door Hardware Requires Replacement	Deferred Maintenance	10	Ea.	3	\$28,825	66927 GOB
The Exterior Requires Painting	Capital Renewal	6,600	SF Wall	3	\$22,531	66926 GOB
The Exterior Requires Cleaning	Deferred Maintenance	6,600	SF Wall	5	\$13,328	66925
Sub Total for System		3	Items		\$64,703	

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 02 - Building 2

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	10	Ea.	3	\$1,711	Rollup
Room has insufficient writing area.	Educational Adequacy	2	Ea.	3	\$2,077	Rollup
The Acoustical Ceilings Tiles Require Replacement	Capital Renewal	10,000	SF	3	\$56,391	66928
Room lacks appropriate amount of teacher storage.	Educational Adequacy	55	Ea.	4	\$33,265	Rollup
The interior Door Hardware Requires Replacement	Capital Renewal	10	Door	4	\$22,319	66929
	Sub Total for System	5	Items		\$115,763	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Controls Require Repair	Deferred Maintenance	10,497	SF	2	\$16,874	68653 GOB
The Exterior Air Handler Is Damaged And Requires Replacement	Capital Renewal	1	Ea.	2	\$132,614	68646 GOB
Duct Heater Requires Replacement	Capital Renewal	1	Ea.	3	\$5,223	68701 GOB
Ductwork Requires Replacement	Capital Renewal	600	LF	3	\$5,995	68669 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	3	\$56,145	68674 GOB
The Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Deferred Maintenance	10,497	SF	3	\$77,878	68683 GOB
Duct Grill Is Damaged Requires Replacement	Deferred Maintenance	4	Ea.	5	\$418	68672
Duct Register Requires Replacement	Deferred Maintenance	20	Ea.	5	\$6,005	68670
	Sub Total for System	8	Items		\$301,152	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	12	Ea.	3	\$4,389	Rollup
Room lacks controls to partially dim lights.	Educational Adequacy	4	Ea.	5	\$3,117	Rollup
	Sub Total for System	2	Items		\$7,507	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Prep room lacks a sink.	Educational Adequacy	4	Ea.	3	\$17,799	Rollup
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	1	Ea.	4	\$1,704	68676
	Sub Total for System	2	Items		\$19,503	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	10,497	SF	1	\$91,555	68678 GOB
	Sub Total for System	1	Items		\$91,555	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Interactive White Board	Educational Adequacy	4	Ea.	2	\$10,887	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
	Sub Total for System	2	Items		\$26,636	

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks an appropriate refrigerator.	Educational Adequacy	4	Ea.	3	\$21,013	Rollup

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221
Page 3 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 02 - Building 2

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks the required demonstration table.	Educational Adequacy	1	Ea.	3	\$7,463	Rollup
Sub Total for System		2	Items		\$28,477	
Sub Total for Building 02 - Building 2		27	Items		\$822,000	

Building: 03 - Building 3

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Kitchen Air/Exhaust Is Inadequate and Should be Repaired	Deferred Maintenance	2	Ea.	3	\$4,591	68711 GOB
Sub Total for System		0	Items		\$4,591	

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	13,244	SF	2	\$161,145	223307 GOB
The Roof Requires Cleaning	Deferred Maintenance	700	SF	4	\$8,700	223306
Sub Total for System		2	Items		\$169,844	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	12,600	SF Wall	3	\$43,013	67001 GOB
The Exterior Requires Cleaning	Deferred Maintenance	12,600	SF Wall	5	\$25,482	67000
Sub Total for System		2	Items		\$68,496	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom Door Requires Vision Panel	Educational Adequacy	2	Ea.	3	\$747	Rollup
Classroom doors lack appropriate signs.	Educational Adequacy	8	Ea.	3	\$1,359	Rollup
The Carpet Flooring Requires Replacement	Capital Renewal	1,324	SF	3	\$13,946	67014
The Vinyl Composition Tile Requires Replacement	Capital Renewal	5,298	SF	3	\$47,525	67015
Room has insufficient tackboard area.	Educational Adequacy	4	Ea.	4	\$1,541	Rollup
Room lacks appropriate sound control.	Educational Adequacy	1,534	SF	4	\$48,112	Rollup
Interior Gypboard Walls Require Repainting	Deferred Maintenance	19,856	SF Wall	5	\$66,962	67018
Sub Total for System		7	Items		\$180,202	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Controls Require Repair	Deferred Maintenance	13,244	SF	2	\$21,289	68712 GOB
The Exterior Air Handler Is Damaged And Requires Replacement	Capital Renewal	3	Ea.	2	\$397,843	68702 GOB
Duct Heater Requires Replacement	Capital Renewal	3	Ea.	3	\$15,668	68718 GOB
Ductwork Requires Replacement	Capital Renewal	1,600	LF	3	\$15,986	68714 GOB
Exhaust Fan Ventilation Requires Replacement	Capital Renewal	4	Ea.	3	\$8,431	68705 GOB
Make-Up Air Should Be Increased	Functional Deficiency	13,244	SF	3	\$22,222	68709 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	3	Ea.	3	\$168,435	68716 GOB
The Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Deferred Maintenance	13,244	SF	3	\$98,259	68723 GOB
The Roof Condenser Requires Replacement	Capital Renewal	4	TonAC	3	\$6,659	68703 GOB
The Small Diameter Exhausts/Hoods Require Replacement	Deferred Maintenance	1	Ea.	3	\$2,426	221201 GOB

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221
Page 4 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 03 - Building 3

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Duct Register Requires Replacement	Deferred Maintenance	40	Ea.	5	\$12,011	68715
Sub Total for System		11	Items		\$769,238	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Panelboard Requires Replacement	Capital Renewal	1	Ea.	2	\$8,070	68443
Room has insufficient electrical outlets.	Educational Adequacy	32	Ea.	3	\$11,706	Rollup
The Incandescent Lighting Is Damaged And Should Be Replaced	Capital Renewal	47	Ea.	3	\$18,625	68446
Room does not have tamper-proof light switching.	Educational Adequacy	2	Ea.	5	\$971	Rollup
Room lacks controls to partially dim lights.	Educational Adequacy	2	Ea.	5	\$1,559	Rollup
Sub Total for System		5	Items		\$40,931	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Gas Water Heater Requires Replacement	Deferred Maintenance	1	Ea.	2	\$2,815	68724
The Plumbing / Domestic Water Piping System Is Beyond Its Useful Life	Capital Renewal	13,244	SF	2	\$80,108	68734
The Toilets Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	2	\$4,560	68730
The Rest Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	4	Ea.	3	\$9,960	68728
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	2	Ea.	4	\$3,407	68726
Room lacks a drinking fountain.	Educational Adequacy	2	Ea.	5	\$1,918	Rollup
Sub Total for System		6	Items		\$102,766	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	13,244	SF	1	\$115,514	68732 GOB
Sub Total for System		1	Items		\$115,514	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Fixed Projector	Educational Adequacy	2	Ea.	2	\$7,368	Rollup
Room lacks Interactive White Board	Educational Adequacy	3	Ea.	2	\$8,165	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
Sub Total for System		3	Items		\$31,283	

Other

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Renovate / Remodel Cafeteria	Deferred Maintenance	1	LS	2	\$207,161	316822
Sub Total for System		1	Items		\$207,161	
Sub Total for Building 03 - Building 3		38	Items		\$1,690,027	

Building: 04 - Building 4

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Roof Equipment requires Cabling	Code Compliance	10	Ea.	3	\$1,748	223308
Sub Total for System		1	Items		\$1,748	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	11,300	SF Wall	3	\$36,576	67033 GOB

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221

Page 5 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:38 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 04 - Building 4

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Cleaning	Deferred Maintenance	11,300	SF Wall	5	\$22,853	67032
Sub Total for System		2	Items		\$61,429	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	2	Ea.	3	\$342	Rollup
Interior Gypboard Walls Require Repainting	Deferred Maintenance	15,080	SF Wall	5	\$50,830	67048
Sub Total for System		2	Items		\$51,172	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Controls Require Repair	Deferred Maintenance	10,053	SF	2	\$16,160	68749 GOB
The Exterior Air Handler Is Damaged And Requires Replacement	Capital Renewal	1	Ea.	2	\$132,614	68746 GOB
The Exterior Metal Cooling Tower Is Damaged And Requires Replacement	Capital Renewal	1	Ea.	2	\$64,339	68747 GOB
Small HVAC Circulating Pump Requires Replacement	Deferred Maintenance	1	Ea.	3	\$8,117	68753 GOB
Steam Heat Exchanger Requires Replacement	Capital Renewal	1	Ea.	3	\$29,944	68754 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	3	\$56,145	68750 GOB
The Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Deferred Maintenance	10,053	SF	3	\$74,584	68756 GOB
The Window AC Unit Component Requires Replacement	Capital Renewal	2	Ea.	3	\$4,329	68755 GOB
Sub Total for System		8	Items		\$386,233	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Plumbing / Domestic Water Piping System Is Beyond Its Useful Life	Capital Renewal	10,053	SF	2	\$60,805	68762
The Toilets Plumbing Fixtures Require Replacement	Capital Renewal	6	Ea.	2	\$13,680	68759
The Urinal Plumbing Fixtures Require Replacement	Capital Renewal	3	Ea.	2	\$5,482	68760
The Rest Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	7	Ea.	3	\$17,430	68758
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	2	Ea.	4	\$3,407	68757
Sub Total for System		5	Items		\$100,805	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	10,053	SF	1	\$87,682	68761 GOB
Sub Total for System		1	Items		\$87,682	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Interactive White Board	Educational Adequacy	1	Ea.	2	\$2,722	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
Sub Total for System		2	Items		\$18,471	
Sub Total for Building 04 - Building 4		21	Items		\$707,541	

Building: 05 - Building 5

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing Required (Broward CPS)	Capital Renewal	3,723	SF	2	\$39,051	223309 GOB
Sub Total for System		1	Items		\$39,051	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
------------	----------	-----	-----	----------	-------------	----

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 05 - Building 5

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Exterior Door Hardware Requires Replacement	Deferred Maintenance	7	Ea.	3	\$20,177	67051 GOB
The Exterior Requires Painting	Capital Renewal	3,960	SF Wall	3	\$13,519	67050 GOB
The Exterior Requires Cleaning	Deferred Maintenance	3,960	SF Wall	5	\$8,009	67049
Sub Total for System					3 items	\$41,705

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	4	Ea.	3	\$684	Rollup
Interior Door Hardware Requires Re-Keying	Capital Renewal	5	Ea.	3	\$2,036	67054
The Suspended Ceiling Grid and Tiles Require Replacement	Capital Renewal	3,876	SF	3	\$35,028	67052
Room lacks appropriate amount of teacher storage.	Educational Adequacy	31	Ea.	4	\$18,749	Rollup
The Interior Door Hardware Requires Replacement	Capital Renewal	5	Door	4	\$11,160	67053
Sub Total for System					5 items	\$67,657

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Controls Require Repair	Deferred Maintenance	4,080	SF	2	\$6,559	68780 GOB
Large HVAC Circulating Pump Requires Replacement	Deferred Maintenance	1	Ea.	2	\$12,620	69135 GOB
Repair HVAC Piping	Deferred Maintenance	408	LF	3	\$22,720	68792 GOB
Sub Total for System					3 items	\$41,899

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks controls to partially dim lights.	Educational Adequacy	2	Ea.	5	\$1,559	Rollup
Sub Total for System					1 items	\$1,559

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	1	Ea.	2	\$1,357	Rollup
The Plumbing / Domestic Water Piping System Is Beyond Its Useful Life	Capital Renewal	4,080	SF	2	\$24,678	68788
The Toilets Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	2	\$4,560	68785
The Urinal Plumbing Fixtures Require Replacement	Capital Renewal	1	Ea.	2	\$1,827	68796
Prep room lacks a sink.	Educational Adequacy	2	Ea.	3	\$8,899	Rollup
The Rest Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	3	\$4,980	68794
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	1	Ea.	4	\$1,704	68793
Sub Total for System					7 items	\$48,005

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	4,080	SF	1	\$35,586	68797 GOB
Sub Total for System					1 items	\$35,586

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Interactive White Board	Educational Adequacy	2	Ea.	2	\$5,443	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
Sub Total for System					2 items	\$21,199

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221

Page 7 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 05 - Building 5

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks an appropriate refrigerator.	Educational Adequacy	2	Ea.	3	\$10,507	Rollup
Blinds are missing or in poor condition.	Educational Adequacy	46	SF Surf	4	\$1,300	Rollup
	Sub Total for System	2	Items		\$11,806	
	Sub Total for Building 05 - Building 5	25	Items		\$308,458	

Building: 06 - Building 6

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing Required (Broward CPS)	Capital Renewal	3,353	SF	2	\$35,170	223310 GOB
	Sub Total for System	1	Items		\$35,170	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	4,800	SF Wall	3	\$16,386	67071 GOB
The Exterior Requires Cleaning	Deferred Maintenance	4,800	SF Wall	5	\$9,708	67070
	Sub Total for System	2	Items		\$26,094	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	2	Ea.	3	\$342	Rollup
Room has insufficient tackboard area.	Educational Adequacy	1	Ea.	4	\$385	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	20	Ea.	4	\$12,096	Rollup
	Sub Total for System	3	Items		\$12,824	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Conrots Require Repair	Deferred Maintenance	3,353	SF	2	\$5,390	68801 GOB
The Exterior Air Handler is Damaged And Requires Replacement	Capital Renewal	1	Ea.	2	\$132,614	68799 GOB
Duct Heater Requires Replacement	Capital Renewal	1	Ea.	3	\$5,223	69124 GOB
Ductwork Requires Replacement	Capital Renewal	480	LF	3	\$4,796	68802 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	3	\$56,145	68805 GOB
The Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Deferred Maintenance	3,353	SF	3	\$24,876	69130 GOB
Duct Grill is Damaged Requires Replacement	Deferred Maintenance	2	Ea.	5	\$209	68804
Duct Register Requires Replacement	Deferred Maintenance	12	Ea.	5	\$3,603	68803
	Sub Total for System	8	Items		\$232,856	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks shut-off valves for utilities.	Code Compliance	1	Ea.	2	\$2,711	Rollup
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	2	Ea.	2	\$2,713	Rollup
The Plumbing / Domestic Water Piping System Is Beyond Its Useful Life	Capital Renewal	3,553	SF	2	\$21,490	68810
Prep room lacks a sink.	Educational Adequacy	1	Ea.	3	\$4,450	Rollup
Shop lacks a dust collection system.	Educational Adequacy	1	Ea.	3	\$38,173	Rollup
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	1	Ea.	4	\$1,704	68807

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221

Page 8 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 06 - Building 6

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks a drinking fountain.	Educational Adequacy	2	Ea.	5	\$1,918	Rollup
Sub Total for System		7	Items		\$73,159	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	3,553	SF	1	\$30,989	68808 GOB
Sub Total for System		1	Items		\$30,989	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Fixed Projector	Educational Adequacy	1	Ea.	2	\$3,684	Rollup
Room lacks Interactive White Board	Educational Adequacy	1	Ea.	2	\$2,722	Rollup
Sub Total for System		2	Items		\$6,406	

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks the required demonstration table.	Educational Adequacy	1	Ea.	3	\$7,463	Rollup
Sub Total for System		1	Items		\$7,463	
Sub Total for Building 06 - Building 6		25	Items		\$424,951	

Building: 07 - Building 7

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	20,950	SF	2	\$254,906	223311 GOB
Sub Total for System		1	Items		\$254,906	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Exterior Door Hardware Requires Replacement	Deferred Maintenance	21	Ea.	3	\$60,532	67104 GOB
The Exterior Requires Painting	Capital Renewal	10,080	SF Wall	3	\$34,411	67103 GOB
The Exterior Requires Cleaning	Deferred Maintenance	10,080	SF Wall	5	\$20,386	67102
Sub Total for System		3	Items		\$115,329	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	10	Ea.	3	\$1,711	Rollup
Interior Door Hardware Requires Re-Keying	Capital Renewal	13	Ea.	3	\$5,294	67113
Room has insufficient writing area.	Educational Adequacy	2	Ea.	3	\$2,077	Rollup
The Acoustical Ceilings Tiles Require Replacement	Capital Renewal	19,802	SF	3	\$112,229	67105
Room has insufficient tackboard area.	Educational Adequacy	1	Ea.	4	\$385	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	61	Ea.	4	\$36,894	Rollup
The Interior Door Hardware Requires Replacement	Capital Renewal	13	Door	4	\$29,015	67112
Sub Total for System		7	Items		\$187,605	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Controls Require Repair	Deferred Maintenance	20,950	SF	2	\$33,677	68812 GOB
Ductwork Requires Replacement	Capital Renewal	1,100	LF	3	\$10,990	68813 GOB

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 07 - Building 7

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Duct Grill Is Damaged Requires Replacement	Deferred Maintenance	6	Ea.	5	\$626	68815
Duct Register Requires Replacement	Deferred Maintenance	30	Ea.	5	\$9,008	68814
Sub Total for System		4	items		\$94,301	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	322	Ea.	3	\$117,784	Rollup
The Incandescent Lighting Is Damaged And Should Be Replaced	Capital Renewal	2	Ea.	3	\$789	68489
Room lacks controls to partially dim lights.	Educational Adequacy	7	Ea.	5	\$5,455	Rollup
Sub Total for System		3	Items		\$124,032	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	4	Ea.	2	\$5,426	Rollup
The Toilets Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	2	\$4,560	68822
The Refrigerated Water Cooler Requires Replacement	Capital Renewal	3	Ea.	3	\$7,308	68816
The Rest Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	3	\$4,980	68821
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	2	Ea.	4	\$3,407	68818
Sub Total for System		5	Items		\$25,681	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	20,950	SF	1	\$182,726	68824 GOB
Sub Total for System		1	Items		\$182,726	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient dataports.	Educational Adequacy	60	Ea.	2	\$10,380	Rollup GOB
Room lacks Interactive White Board	Educational Adequacy	7	Ea.	2	\$19,052	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	1,400	LF	2	\$31,499	Rollup
Sub Total for System		3	Items		\$60,930	

Conveyances

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Elevator Control/Relay Is Damaged And Should Be Replaced	Deferred Maintenance	1	Stop	1	\$14,868	68482
Elevator Cab Requires Replacement	Capital Renewal	1	Ea.	2	\$132,177	68483
Sub Total for System		2	Items		\$147,145	

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Blinds are missing or in poor condition.	Educational Adequacy	408	SF Surf	4	\$11,528	Rollup
Sub Total for System		1	Items		\$11,528	
Sub Total for Building 07 - Building 7		30	Items		\$1,164,184	

Building: 08 - Building 8

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	7,923	SF	2	\$96,402	223312
Sub Total for System		1	Items		\$96,402	

Rev 1 Sept 2014
M•A•P•P•S ©, Jacobs 2014

Atlantic Technical College 2221

Page 10 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 08 - Building 8

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	8,800	SF Wall	3	\$30,041	67980 GOB
The Exterior Requires Cleaning	Deferred Maintenance	8,803	SF Wall	5	\$17,803	67989
Sub Total for System		2	Items		\$47,844	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom Door Requires Vision Panel	Educational Adequacy	1	Ea.	3	\$373	Rollup
Classroom doors lack appropriate signs.	Educational Adequacy	3	Ea.	3	\$513	Rollup
Room has insufficient writing area.	Educational Adequacy	1	Ea.	3	\$1,039	Rollup
Room has (insufficient) tackboard area.	Educational Adequacy	2	Ea.	4	\$771	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	39	Ea.	4	\$23,588	Rollup
Sub Total for System		5	Items		\$26,284	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Controls Require Repair	Deferred Maintenance	7,923	SF	2	\$12,736	68829 GOB
Duct Heater Requires Replacement	Capital Renewal	2	Ea.	3	\$10,445	68835 GOB
Ductwork Requires Replacement	Capital Renewal	1,300	LF	3	\$12,999	68830 GOB
Exhaust Fan Ventilation Requires Replacement	Capital Renewal	6	Ea.	3	\$12,646	68826 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	2	Ea.	3	\$112,280	68833 GOB
The Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Deferred Maintenance	7,923	SF	3	\$58,782	68836 GOB
Duct Grill is Damaged Requires Replacement	Deferred Maintenance	4	Ea.	5	\$418	68832
Duct Register Requires Replacement	Deferred Maintenance	30	Ea.	5	\$9,008	68831
Sub Total for System		8	Items		\$229,313	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	110	Ea.	3	\$40,236	Rollup
Sub Total for System		1	Items		\$40,236	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks shut-off valves for utilities.	Code Compliance	2	Ea.	2	\$5,423	Rollup
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	4	Ea.	2	\$5,426	Rollup
Prep room lacks a sink.	Educational Adequacy	2	Ea.	3	\$8,899	Rollup
Shop lacks a dust collection system.	Educational Adequacy	2	Ea.	3	\$76,345	Rollup
The Refrigerated Water Cooler Requires Replacement	Capital Renewal	2	Ea.	3	\$4,872	69098
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	1	Ea.	4	\$1,704	68839
Room lacks a drinking fountain.	Educational Adequacy	4	Ea.	5	\$3,836	Rollup
Sub Total for System		7	Items		\$106,505	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	7,923	SF	1	\$69,105	68837 GOB

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221
Page 11 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 08 - Building 8

Sub Total for System 1 Items \$69,105

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Fixed Projector	Educational Adequacy	1	Ea.	2	\$3,684	Rollup
Room lacks Interactive White Board	Educational Adequacy	2	Ea.	2	\$5,443	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
Sub Total for System		3	Items		\$24,877	

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks the required demonstration table.	Educational Adequacy	2	Ea.	3	\$14,927	Rollup
Sub Total for System		1	Items		\$14,927	
Sub Total for Building 08 - Building 8		28	Items		\$655,493	

Building: 09 - Locker Room

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	802	SF	2	\$9,758	223314 GOB
The Roof Requires Cleaning	Deferred Maintenance	100	SF	4	\$1,243	223313
Sub Total for System		2	Items		\$11,001	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Toilets Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	2	\$4,560	68843
The Urinal Plumbing Fixtures Require Replacement	Capital Renewal	1	Ea.	2	\$1,827	68844
The Rest Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	3	\$4,980	68841
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	1	Ea.	4	\$1,704	68840
Sub Total for System		4	Items		\$13,071	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	842	SF	1	\$7,344	69075 GOB
Sub Total for System		1	Items		\$7,344	
Sub Total for Building 09 - Locker Room		7	Items		\$31,416	

Building: 10 - Building 10

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	8,700	SF	2	\$105,856	223316 GOB
The Roof Requires Cleaning	Deferred Maintenance	50	SF	4	\$621	223315
Sub Total for System		2	Items		\$106,477	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	8,800	SF Wall	3	\$30,041	67992 GOB
The Exterior Requires Cleaning	Deferred Maintenance	8,800	SF Wall	5	\$17,797	67991
Sub Total for System		2	Items		\$47,838	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	2	Ea.	3	\$342	Rollup

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 10 - Building 10

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient tackboard area.	Educational Adequacy	1	Ea.	4	\$385	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	41	Ea.	4	\$24,798	Rollup
Room lacks appropriate sound control.	Educational Adequacy	958	SF	4	\$30,047	Rollup
Sub Total for System		4	Items		\$55,572	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Controls Require Repair	Deferred Maintenance	9,612	SF	2	\$15,451	68846 GOB
Duct Heater Requires Replacement	Capital Renewal	3	Ea.	3	\$15,668	68851 GOB
Ductwork Requires Replacement	Capital Renewal	1,000	LF	3	\$9,991	68847 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	2	Ea.	3	\$112,290	68850 GOB
The Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Deferred Maintenance	9,612	SF	3	\$71,312	68852 GOB
Duct Grill is Damaged Requires Replacement	Deferred Maintenance	4	Ea.	5	\$418	68849
Duct Register Requires Replacement	Deferred Maintenance	40	Ea.	5	\$12,011	68848
Sub Total for System		7	Items		\$237,141	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	20	Ea.	3	\$7,317	Rollup
Room does not have tamper-proof light switching.	Educational Adequacy	1	Ea.	5	\$486	Rollup
Room lacks controls to partially dim lights.	Educational Adequacy	1	Ea.	5	\$779	Rollup
Sub Total for Systems		3	Items		\$8,582	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	2	Ea.	2	\$2,713	Rollup
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	1	Ea.	4	\$1,704	68853
Sub Total for System		2	Items		\$4,417	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	9,612	SF	1	\$83,836	68854 GOB
Sub Total for Systems		1	Items		\$83,836	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Fixed Projector	Educational Adequacy	1	Ea.	2	\$3,694	Rollup
Room lacks Interactive White Board	Educational Adequacy	1	Ea.	2	\$2,722	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
Room lacks access to video distribution.	Educational Adequacy	1	Ea.	5	\$665	Rollup
Sub Total for System		4	Items		\$22,821	

Other

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Media Center requires renovation based on condition of room(s)	Capital Renewal	1	LS	2	\$117,641	316252 GOB
Sub Total for System		1	Items		\$117,641	

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Sub Total for Building 10 - Building 10 26 Items \$684,325

Building: 11 - Building 11

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing Required (Broward CPS)	Capital Renewal	7,125	SF	2	\$74,735	223317 GOB
		Sub Total for System		1 Items	\$74,735	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	7,600	SF Wall	3	\$25,945	67994 GOB
The Exterior Requires Cleaning	Deferred Maintenance	7,600	SF Wall	5	\$15,370	67993
		Sub Total for System		2 Items	\$41,315	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom Door Requires Vision Panel	Educational Adequacy	1	Ea.	3	\$373	Rollup
Classroom doors lack appropriate signs.	Educational Adequacy	6	Ea.	3	\$1,026	Rollup
Room has insufficient writing area.	Educational Adequacy	1	Ea.	3	\$1,039	Rollup
Room has insufficient tackboard area.	Educational Adequacy	1	Ea.	4	\$385	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	38	Ea.	4	\$22,983	Rollup
Interior Gypboard Walls Require Repainting	Deferred Maintenance	10,688	SF Wall	5	\$36,026	67995
		Sub Total for System		6 Items	\$61,833	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Controls Require Repair	Deferred Maintenance	7,125	SF	2	\$11,453	68902 GOB
The Exterior Air Handler Is Damaged And Requires Replacement	Capital Renewal	2	Ea.	2	\$265,229	68855 GOB
Duct Heater Requires Replacement	Capital Renewal	2	Ea.	3	\$10,445	68911 GOB
Ductwork Requires Replacement	Capital Renewal	600	LF	3	\$5,995	68903 GOB
Exhaust Fan Ventilation Requires Replacement	Capital Renewal	6	Ea.	3	\$12,646	68857 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	2	Ea.	3	\$112,290	68908 GOB
The Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Deferred Maintenance	7,125	SF	3	\$52,861	68913 GOB
Duct Grill Is Damaged Requires Replacement	Deferred Maintenance	2	Ea.	5	\$209	68907
Duct Register Requires Replacement	Deferred Maintenance	20	Ea.	5	\$6,005	68906
		Sub Total for System		9 Items	\$477,133	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	16	Ea.	3	\$5,853	Rollup
The Incandescent Lighting Is Damaged And Should Be Replaced	Capital Renewal	2	Ea.	3	\$793	68501
Room lacks controls to partially dim lights.	Educational Adequacy	2	Ea.	5	\$1,559	Rollup
		Sub Total for System		3 Items	\$8,204	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	1	Ea.	2	\$1,357	Rollup
The Toilets Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	2	\$4,560	68916
Prep room lacks a sink.	Educational Adequacy	2	Ea.	3	\$8,899	Rollup

Rev 1 Sept 2014
M•A•P•P•S ©, Jacobs 2014

Atlantic Technical College 2221

Page 14 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 11 - Building 11

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Rest Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	3	\$4,980	68914
The Showers Plumbing Fixtures Are Damaged And Should Be Replaced	Capital Renewal	4	Ea.	3	\$38,827	68918
Sub Total for System		5	Items		\$58,623	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	7,125	SF	1	\$62,144	68919 GOB
Sub Total for System		1	Items		\$62,144	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient dataports.	Educational Adequacy	18	Ea.	2	\$3,114	Rollup GOB
Room lacks Fixed Projector	Educational Adequacy	1	Ea.	2	\$3,684	Rollup
Room lacks Interactive White Board	Educational Adequacy	2	Ea.	2	\$5,443	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
Sub Total for System		4	Items		\$27,991	

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks an appropriate refrigerator.	Educational Adequacy	1	Ea.	3	\$5,253	Rollup
Sub Total for System		1	Items		\$5,253	
Sub Total for Building 11 - Building 11		32	Items		\$617,231	

Building: 12 - Laboratory

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing Required (Broward CPS)	Capital Renewal	10,389	SF	2	\$108,971	223318 GOB
Sub Total for System		1	Items		\$108,971	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	9,600	SF Wall	3	\$32,772	67997 GOB
The Exterior Requires Cleaning	Deferred Maintenance	9,600	SF Wall	5	\$19,415	67996
Sub Total for System		2	Items		\$52,187	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	7	Ea.	3	\$1,198	Rollup
Room has insufficient tackboard area.	Educational Adequacy	2	Ea.	4	\$771	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	60	Ea.	4	\$36,289	Rollup
Interior Gypboard Walls Require Repainting	Deferred Maintenance	16,362	SF Wall	5	\$55,151	67998
Sub Total for System		4	Items		\$93,409	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Condenser Requires Replacement	Capital Renewal	1	Ea.	1	\$4,207	68922 GOB
Controls Require Repair	Deferred Maintenance	10,908	SF	2	\$17,534	68926
Controls Require Repair	Deferred Maintenance	10,908	SF	2	\$17,534	68926 GOB

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221
Page 15 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 12 - Laboratory

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Ductwork Requires Replacement	Capital Renewal	1,400	LF	3	\$13,988	68929 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	2	Ea.	3	\$116,972	68935
The Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Deferred Maintenance	10,808	SF	3	\$80,928	68937 GOB
Duct Grill is Damaged Requires Replacement	Deferred Maintenance	6	Ea.	5	\$626	68932
Duct Register Requires Replacement	Deferred Maintenance	30	Ea.	5	\$9,008	68930
	Sub Total for System	8	Items		\$260,797	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	126	Ea.	3	\$46,089	Rollup
The Incandescent Lighting Is Damaged And Should Be Replaced	Capital Renewal	1	Ea.	3	\$396	68509
	Sub Total for System	2	Items		\$46,485	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks shut-off valves for utilities.	Code Compliance	3	Ea.	2	\$8,134	Rollup
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	4	Ea.	2	\$5,426	Rollup
Prep room lacks a sink.	Educational Adequacy	3	Ea.	3	\$13,349	Rollup
Shop lacks a dust collection system.	Educational Adequacy	3	Ea.	3	\$114,518	Rollup
The Refrigerated Water Cooler Requires Replacement	Capital Renewal	2	Ea.	3	\$4,872	68938
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	1	Ea.	4	\$1,704	68940
Room lacks a drinking fountain.	Educational Adequacy	6	Ea.	5	\$5,754	Rollup
	Sub Total for System	7	Items		\$153,757	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	10,908	SF	1	\$95,140	68942 GOB
	Sub Total for System	1	Items		\$95,140	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Fixed Projector	Educational Adequacy	2	Ea.	2	\$7,368	Rollup
Room lacks Interactive White Board	Educational Adequacy	2	Ea.	2	\$5,443	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
	Sub Total for System	3	Items		\$28,561	

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks the required demonstration table.	Educational Adequacy	3	Ea.	3	\$22,390	Rollup
	Sub Total for System	1	Items		\$22,390	
	Sub Total for Building 12 - Laboratory	29	Items		\$861,689	

Building: 13 - Building 13

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	11,433	SF	2	\$139,109	223919 GOB
	Sub Total for System	1	Items		\$139,109	

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 13 - Building 13

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	9,800	SF Wall	3	\$33,455	68000 GOB
The Exterior Requires Cleaning	Deferred Maintenance	9,800	SF Wall	5	\$19,820	67999
Sub Total for System		2	Items		\$53,275	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	5	Ea.	3	\$855	Rollup
Room has insufficient writing area.	Educational Adequacy	3	Ea.	3	\$3,116	Rollup
Room has insufficient tackboard area.	Educational Adequacy	5	Ea.	4	\$1,927	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	57	Ea.	4	\$34,475	Rollup
Interior Gypboard Walls Require Repainting	Deferred Maintenance	17,149	SF Wall	5	\$57,804	68001
Sub Total for System		5	Items		\$98,177	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Electrical Transformer Requires Replacement	Capital Renewal	1	Ea.	2	\$10,876	68518
Duct Heater Requires Replacement	Capital Renewal	1	Ea.	3	\$5,223	68950 GOB
Exhaust Fan Ventilation Requires Replacement	Capital Renewal	4	Ea.	3	\$8,431	68944 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	3	\$56,145	68947 GOB
Sub Total for System		4	Items		\$80,674	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Emergency Exit Signage Requires Replacement	Deferred Maintenance	8	Ea.	2	\$5,867	68521
The Panelboard Requires Replacement	Capital Renewal	2	Ea.	2	\$16,139	68519
Room has insufficient electrical outlets.	Educational Adequacy	30	Ea.	3	\$10,975	Rollup
Room lacks controls to partially dim lights.	Educational Adequacy	2	Ea.	5	\$1,559	Rollup
Sub Total for System		4	Items		\$34,540	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks shut-off valves for utilities.	Code Compliance	3	Ea.	2	\$8,134	Rollup
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	1	Ea.	2	\$1,357	Rollup
The Toilets Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	2	\$4,560	68959
Prep room lacks a sink.	Educational Adequacy	3	Ea.	3	\$13,349	Rollup
Shop lacks a dust collection system.	Educational Adequacy	3	Ea.	3	\$114,518	Rollup
The Refrigerated Water Cooler Requires Replacement	Capital Renewal	1	Ea.	3	\$2,436	68954
The Rest Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	7	Ea.	3	\$17,430	68958
Room lacks private toilets.	Educational Adequacy	4	Ea.	4	\$44,854	Rollup
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	1	Ea.	4	\$1,704	68957
Room lacks a drinking fountain.	Educational Adequacy	1	Ea.	5	\$959	Rollup
Sub Total for System		10	Items		\$209,310	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
------------	----------	-----	-----	----------	-------------	----

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221

Page 17 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 13 - Building 13

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	11,433	SF	1	\$99,719	68970 GOB
Sub Total for System		1	Items		\$99,719	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Interactive White Board	Educational Adequacy	3	Ea.	2	\$8,165	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
Sub Total for System		2	Items		\$23,915	

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Base Storage Cabinets Require Replacement	Capital Renewal	210	LF	4	\$51,508	68002
Sub Total for System		1	Items		\$51,508	
Sub Total for Building 13 - Building 13		30	Items		\$790,225	

Building: 14 - Laboratory

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	5,062	SF	2	\$61,591	223320 GOB
Sub Total for System		1	Items		\$61,591	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	4,600	SF Wall	3	\$15,703	68004 GOB
The Exterior Requires Cleaning	Deferred Maintenance	4,600	SF Wall	5	\$9,303	68003
Sub Total for System		2	Items		\$25,006	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	3	Ea.	3	\$513	Rollup
Room has insufficient writing area.	Educational Adequacy	1	Ea.	3	\$1,039	Rollup
The Vinyl Composition Tile Requires Replacement	Capital Renewal	2,025	SF	3	\$18,165	68005
Room has insufficient tackboard area.	Educational Adequacy	1	Ea.	4	\$385	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	20	Ea.	4	\$12,096	Rollup
Interior Gypboard Walls Require Repainting	Deferred Maintenance	7,593	SF Wall	5	\$25,594	68007
Sub Total for System		6	Items		\$57,782	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Controls Require Repair	Deferred Maintenance	5,062	SF	2	\$8,137	68972 GOB
Exhaust Fan Ventilation Requires Replacement	Capital Renewal	3	Ea.	3	\$6,323	68971 GOB
The Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Deferred Maintenance	5,062	SF	3	\$37,555	69064 GOB
Sub Total for System		3	Items		\$52,015	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	80	Ea.	3	\$29,263	Rollup
Sub Total for System		1	Items		\$29,263	

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 14 - Laboratory

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID	
Room lacks shut-off valves for utilities.	Code Compliance	1	Ea.	2	\$2,711	Rollup	
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	2	Ea.	2	\$2,713	Rollup	
The Class Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	2	\$4,216	68973	
Prep room lacks a sink.	Educational Adequacy	1	Ea.	3	\$4,450	Rollup	
Shop lacks a dust collection system.	Educational Adequacy	1	Ea.	3	\$38,173	Rollup	
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	1	Ea.	4	\$1,704	68974	
Room lacks a drinking fountain.	Educational Adequacy	2	Ea.	5	\$1,918	Rollup	
Sub Total for System					7	Items	\$55,865

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID	
Install Fire Sprinklers	Code Compliance	5,062	SF	1	\$44,151	68975 GOB	
Sub Total for System					1	Items	\$44,151

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID	
Room lacks Fixed Projector	Educational Adequacy	1	Ea.	2	\$3,684	Rollup	
Room lacks Interactive White Board	Educational Adequacy	1	Ea.	2	\$2,722	Rollup	
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup	
Sub Total for System					3	Items	\$22,155
Sub Total for Building 14 - Laboratory					24	Items	\$347,859

Building: 15 - Building 15

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID	
The Exterior Requires Painting	Capital Renewal	13,600	SF Wall	3	\$46,427	68012 GOB	
The Exterior Requires Cleaning	Deferred Maintenance	13,600	SF Wall	5	\$27,505	68011	
Sub Total for System					2	Items	\$73,932

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID	
Classroom Door Requires Vision Panel	Educational Adequacy	3	Ea.	3	\$1,120	Rollup	
Classroom doors lack appropriate signs.	Educational Adequacy	10	Ea.	3	\$1,711	Rollup	
Room has insufficient writing area.	Educational Adequacy	5	Ea.	3	\$5,199	Rollup	
The Acoustical Ceilings Tiles Require Replacement	Capital Renewal	4,772	SF	3	\$26,910	68016	
The Carpet Flooring Requires Replacement	Capital Renewal	318	SF	3	\$3,350	68017	
The Vinyl Composition Tile Requires Replacement	Capital Renewal	1,590	SF	3	\$14,263	68018	
Room has insufficient tackboard area.	Educational Adequacy	5	Ea.	4	\$1,927	Rollup	
Room lacks appropriate amount of teacher storage.	Educational Adequacy	84	Ea.	4	\$50,805	Rollup	
Interior Gypboard Walls Require Repainting	Deferred Maintenance	23,859	SF Wall	5	\$80,422	68015	
Sub Total for System					9	Items	\$185,699

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Air Handler Is Damaged And Requires Replacement	Capital Renewal	1	Ea.	2	\$132,614	68976 GOB

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221

Page 19 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 15 - Building 15

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	3	\$56,145	68977 GOB
Sub Total for System		2	Items		\$168,759	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	290	Ea.	3	\$106,078	Rollup
The Incandescent Lighting is Damaged And Should Be Replaced	Capital Renewal	2	Ea.	3	\$793	68530
Room lacks controls to partially dim lights.	Educational Adequacy	1	Ea.	5	\$779	Rollup
Sub Total for System		3	Items		\$107,650	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks shut-off valves for utilities.	Code Compliance	4	Ea.	2	\$10,845	Rollup
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	6	Ea.	2	\$8,139	Rollup
The Toilets Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	2	\$4,560	68980
Prep room lacks a sink.	Educational Adequacy	4	Ea.	3	\$17,799	Rollup
Shop lacks a dust collection system.	Educational Adequacy	4	Ea.	3	\$152,691	Rollup
The Rest Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	3	\$4,980	68979
Room lacks private toilets.	Educational Adequacy	2	Ea.	4	\$22,432	Rollup
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	2	Ea.	4	\$3,407	68978
Room lacks a drinking fountain.	Educational Adequacy	6	Ea.	5	\$5,754	Rollup
Sub Total for System		9	Items		\$230,607	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	15,806	SF	1	\$138,732	68981 GOB
Sub Total for System		1	Items		\$138,732	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Fixed Projector	Educational Adequacy	3	Ea.	2	\$11,053	Rollup
Room lacks Interactive White Board	Educational Adequacy	4	Ea.	2	\$10,887	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
Sub Total for System		3	Items		\$37,689	

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks the required demonstration table.	Educational Adequacy	4	Ea.	3	\$29,854	Rollup
Sub Total for System		1	Items		\$29,854	
Sub Total for Building 15 - Building 15		30	Items		\$992,923	

Building: 16 - Storage

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	200	SF	2	\$2,433	223321 GOB
Sub Total for System		1	Items		\$2,433	

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 16 - Storage

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	800	SF Wall	3	\$2,731	68130 GOB
The Exterior Requires Cleaning	Deferred Maintenance	800	SF Wall	5	\$1,618	68127
Sub Total for System		2	Items		\$4,349	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The 1 X 4 Interior Fluorescent Light Fixture Requires Replacement	Capital Renewal	1	Ea.	3	\$361	68536
The Incandescent Lighting Is Damaged And Should Be Replaced	Capital Renewal	2	Ea.	3	\$793	68532
Sub Total for System		2	Items		\$1,153	
Sub Total for Building 16 - Storage		5	Items		\$7,936	

Building: 17 - Building 17

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	11,827	SF	2	\$143,903	223322 GOB
Sub Total for System		1	Items		\$143,903	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	16,250	SF Wall	3	\$55,474	68189 GOB
The Exterior Requires Cleaning	Deferred Maintenance	16,250	SF Wall	5	\$32,864	68188
Sub Total for System		2	Items		\$88,338	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom Door Requires Vision Panel	Educational Adequacy	2	Ea.	3	\$747	Rollup
Classroom doors lack appropriate signs.	Educational Adequacy	4	Ea.	3	\$684	Rollup
Room has insufficient writing area.	Educational Adequacy	2	Ea.	3	\$2,077	Rollup
The Carpet Flooring Requires Replacement	Capital Renewal	237	SF	3	\$2,496	68193
The Vinyl Composition Tile Requires Replacement	Capital Renewal	591	SF	3	\$5,301	68195
Room has insufficient tackboard area.	Educational Adequacy	2	Ea.	4	\$771	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	40	Ea.	4	\$24,193	Rollup
Interior Gypboard Walls Require Repainting	Deferred Maintenance	17,750	SF Wall	5	\$59,830	68192
Sub Total for System		8	Items		\$96,099	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Condenser Requires Replacement	Capital Renewal	2	Ea.	1	\$8,413	68982 GOB
Duct Heater Requires Replacement	Capital Renewal	2	Ea.	3	\$10,445	68984 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	2	Ea.	3	\$112,290	68983 GOB
Sub Total for System		3	Items		\$131,149	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	160	Ea.	3	\$58,526	Rollup
Sub Total for System		1	Items		\$58,526	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks shut-off valves for utilities.	Code Compliance	2	Ea.	2	\$5,423	Rollup

Rev 1 Sept 2014

Atlantic Technical College

2221

M-A-P-P-S ©, Jacobs 2014

Page 21 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 17 - Building 17

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	4	Ea.	2	\$5,426	Rollup
The Toilets Plumbing Fixtures Require Replacement	Capital Renewal	1	Ea.	2	\$2,280	68988
The Water Heater Plumbing Fixtures Are Damaged And Should Be Replaced	Capital Renewal	1	Ea.	2	\$2,678	68985
Prep room lacks a sink.	Educational Adequacy	2	Ea.	3	\$8,899	Rollup
Shop lacks a dust collection system.	Educational Adequacy	2	Ea.	3	\$76,345	Rollup
The Refrigerated Water Cooler Requires Replacement	Capital Renewal	2	Ea.	3	\$4,872	68986
The Rest Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	1	Ea.	3	\$2,490	68987
Room lacks a drinking fountain.	Educational Adequacy	4	Ea.	5	\$3,836	Rollup
Sub Total for System		9	Items		\$112,250	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	11,827	SF	1	\$103,155	68989 GOB
Sub Total for System		1	Items		\$103,155	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Fixed Projector	Educational Adequacy	2	Ea.	2	\$7,368	Rollup
Room lacks Interactive White Board	Educational Adequacy	2	Ea.	2	\$5,449	Rollup
Sub Total for System		2	Items		\$12,812	

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks the required demonstration table.	Educational Adequacy	2	Ea.	3	\$14,927	Rollup
Sub Total for System		1	Items		\$14,927	
Sub Total for Building 17 - Building 17		28	Items		\$761,159	

Building: 18 - Building 18

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing Required (Broward CPS)	Capital Renewal	6,281	SF	2	\$65,882	223323 GOB
Sub Total for System		1	Items		\$65,882	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	7,000	SF Wall	3	\$23,434	68231 GOB
The Exterior Requires Cleaning	Deferred Maintenance	7,000	SF Wall	5	\$13,883	68229
Sub Total for System		2	Items		\$37,318	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	3	Ea.	3	\$519	Rollup
Room has insufficient tackboard area.	Educational Adequacy	3	Ea.	4	\$1,156	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	43	Ea.	4	\$26,007	Rollup
Interior Gypboard Walls Require Repainting	Deferred Maintenance	8,394	SF Wall	5	\$27,747	68230
Sub Total for System		4	Items		\$55,423	

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221
Page 22 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 18 - Building 18

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Condenser Requires Replacement	Capital Renewal	2	Ea.	1	\$8,250	68931 GOB
Controls Require Repair	Deferred Maintenance	5,596	SF	2	\$8,822	68935 GOB
Duct Heater Requires Replacement	Capital Renewal	2	Ea.	3	\$10,243	68938 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	2	Ea.	3	\$110,119	68936 GOB
Sub Total for System		4	Items		\$137,435	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Incandescent Lighting is Damaged And Should Be Replaced	Capital Renewal	1	Ea.	3	\$389	68549
Room lacks controls to partially dim lights.	Educational Adequacy	1	Ea.	5	\$779	Rollup
Sub Total for System		2	Items		\$1,168	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks shut-off valves for utilities.	Code Compliance	2	Ea.	2	\$5,423	Rollup
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	2	Ea.	2	\$2,713	Rollup
The Toilets Plumbing Fixtures Require Replacement	Capital Renewal	1	Ea.	2	\$2,236	69004
The Water Heater Plumbing Fixtures Are Damaged And Should Be Replaced	Capital Renewal	1	Ea.	2	\$2,627	69000
Prep room lacks a sink.	Educational Adequacy	2	Ea.	3	\$8,899	Rollup
Shop lacks a dust collection system.	Educational Adequacy	2	Ea.	3	\$76,345	Rollup
The Refrigerated Water Cooler Requires Replacement	Capital Renewal	3	Ea.	3	\$7,167	69002
Room lacks private toilets.	Educational Adequacy	2	Ea.	4	\$22,432	Rollup
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	1	Ea.	4	\$1,671	69003
Room lacks a drinking fountain.	Educational Adequacy	1	Ea.	5	\$959	Rollup
Sub Total for System		10	Items		\$130,471	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	5,596	SF	1	\$47,865	69005 GOB
Sub Total for System		1	Items		\$47,865	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Interactive White Board	Educational Adequacy	2	Ea.	2	\$5,443	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
Sub Total for System		2	Items		\$21,193	
Sub Total for Building 18 - Building 18		26	Items		\$496,754	

Building: 19 - Laboratory

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Roof Equipment requires Cabling	Code Compliance	3	Ea.	3	\$524	223324
The Roof Requires Cleaning	Deferred Maintenance	250	SF	4	\$3,107	223325
Sub Total for System		2	Items		\$3,631	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	12,003	SF Wall	3	\$23,434	68198 GOB

Rev 1 Sept 2014
M•A•P•P•S ©, Jacobs 2014

Atlantic Technical College 2221
Page 23 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 19 - Laboratory

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Cleaning	Deferred Maintenance	12,000	SF Wall	5	\$13,883	68197
Sub Total for System		2	Items		\$37,318	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	8	Ea.	3	\$1,369	Rollup
Room has insufficient writing area.	Educational Adequacy	2	Ea.	3	\$2,077	Rollup
The Acoustical Ceilings Tiles Require Replacement	Capital Renewal	8,000	SF	3	\$43,281	221191
Room has insufficient tackboard area.	Educational Adequacy	3	Ea.	4	\$1,156	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	26	Ea.	4	\$15,725	Rollup
The Interior Door Hardware Requires Replacement	Capital Renewal	16	Door	4	\$35,021	68242
Sub Total for System		6	Items		\$98,628	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Controls Require Repair	Deferred Maintenance	8,926	SF	2	\$14,071	69008
Controls Require Repair	Deferred Maintenance	8,926	SF	2	\$14,071	69008
The Exterior Air Handler Is Damaged And Requires Replacement	Capital Renewal	1	Ea.	2	\$130,050	69006
The Exterior Air Handler Is Damaged And Requires Replacement	Capital Renewal	1	Ea.	2	\$130,050	69006
Duct Heater Requires Replacement	Capital Renewal	1	Ea.	3	\$5,122	69013
Ductwork Requires Replacement	Capital Renewal	1,500	LF	3	\$14,697	69009
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	3	\$57,875	69012
The Mechanical / HVAC Piping / System Is Beyond Its Useful Life	Deferred Maintenance	8,926	SF	3	\$64,943	69015
Duct Grill Is Damaged Requires Replacement	Deferred Maintenance	4	Ea.	5	\$410	69011
Duct Register Requires Replacement	Deferred Maintenance	16	Ea.	5	\$13,545	69010
Sub Total for System		10	Items		\$444,314	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	62	Ea.	3	\$19,021	Rollup
Room lacks controls to partially dim lights.	Educational Adequacy	3	Ea.	5	\$2,338	Rollup
Sub Total for System		2	Items		\$21,359	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	1	Ea.	2	\$1,357	Rollup
The Custodial Mop Or Service Sink Requires Replacement	Deferred Maintenance	1	Ea.	4	\$1,671	69016
Sub Total for System		2	Items		\$3,027	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	8,926	SF	1	\$76,348	69017
Sub Total for System		1	Items		\$76,348	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
------------	----------	-----	-----	----------	-------------	----

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221
Page 24 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 19 - Laboratory

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient dataports.	Educational Adequacy	24	Ea.	2	\$4,152	Rollup GOB
Room lacks Fixed Projector	Educational Adequacy	2	Ea.	2	\$7,368	Rollup
Room lacks Interactive White Board	Educational Adequacy	3	Ea.	2	\$8,165	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
	Sub Total for System	4	Items		\$35,435	

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Blinds are missing or in poor condition.	Educational Adequacy	30	SF Surt	4	\$848	Rollup
	Sub Total for System	1	Items		\$848	
	Sub Total for Building 19 - Laboratory	30	Items		\$720,908	

Building: 20 - Building 20

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	5,542	SF	2	\$67,432	223327 GOB
The Roof Requires Cleaning	Deferred Maintenance	150	SF	4	\$1,864	223326
	Sub Total for System	2	Items		\$69,296	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	9,900	SF Wall	3	\$33,143	68254 GOB
The Exterior Requires Cleaning	Deferred Maintenance	9,900	SF Wall	5	\$19,635	68253
	Sub Total for System	2	Items		\$52,778	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	1	Ea.	3	\$171	Rollup
Room has insufficient writing area.	Educational Adequacy	1	Ea.	3	\$1,039	Rollup
Room has insufficient tackboard area.	Educational Adequacy	1	Ea.	4	\$385	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	14	Ea.	4	\$8,467	Rollup
Interior Gypsum Walls Require Repainting	Deferred Maintenance	8,313	SF Wall	5	\$27,478	68255
	Sub Total for System	5	Items		\$37,541	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Metal Cooling Tower Is Damaged And Requires Replacement	Capital Renewal	1	Ea.	2	\$63,096	69018 GOB
Duct Heater Requires Replacement	Capital Renewal	2	Ea.	3	\$10,243	69022 GOB
Small HVAC Circulating Pump Requires Replacement	Deferred Maintenance	1	Ea.	3	\$7,960	69020 GOB
The Roof Condenser Requires Replacement	Capital Renewal	1	TonAC	3	\$1,635	69019 GOB
	Sub Total for System	4	Items		\$82,934	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	44	Ea.	3	\$16,095	Rollup
The Incandescent Lighting Is Damaged And Should Be Replaced	Capital Renewal	2	Ea.	3	\$777	68571

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221
Page 25 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 20 - Building 20

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks controls to partially dim lights.	Educational Adequacy	1	Ea.	5	\$779	Rollup
Sub Total for System		3	Items		\$17,652	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks shut-off valves for utilities.	Code Compliance	1	Ea.	2	\$2,711	Rollup
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	3	Ea.	2	\$4,070	Rollup
The Toilets Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	2	\$4,472	69024
Prep room lacks a sink.	Educational Adequacy	1	Ea.	3	\$4,450	Rollup
The Rest Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea.	3	\$4,884	69023
Sub Total for System		5	Items		\$20,586	

Fire and Security

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	5,542	SF	1	\$47,403	69026 GOB
Sub Total for System		1	Items		\$47,403	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Interactive White Board	Educational Adequacy	1	Ea.	2	\$2,722	Rollup
Sub Total for System		1	Items		\$2,722	

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks an appropriate refrigerator.	Educational Adequacy	1	Ea.	3	\$5,253	Rollup
Blinds are missing or in poor condition.	Educational Adequacy	8	SF Surf	4	\$226	Rollup
Sub Total for System		2	Items		\$5,480	
Sub Total for Building 20 - Building 20		25	Items		\$336,391	

Building: 22 - Storage / Electrical

Site

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Dry Type Transformer Requires Replacement	Capital Renewal	1	Ea.	2	\$5,682	68581
Sub Total for System		1	Items		\$5,682	

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	32	SF	2	\$389	223328 GOB
Sub Total for System		1	Items		\$389	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	280	SF Wall	3	\$837	68380 GOB
Sub Total for System		1	Items		\$837	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Panelboard Requires Replacement	Capital Renewal	1	Ea.	2	\$7,914	68583
The Incandescent Lighting Is Damaged And Should Be Replaced	Capital Renewal	2	Ea.	3	\$777	68580
Sub Total for System		2	Items		\$8,691	
Sub Total for Building 22 - Storage / Electrical		5	Items		\$15,700	

Rev 1 Sept 2014
M-A-P-P-S ©, Jacobs 2014

Atlantic Technical College 2221
Page 26 of 28

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 23 - Building Support

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	260	SF	2	\$3,164	223329 GOB
Sub Total for System		1	Items		\$3,164	

Exterior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	640	SF Wall	3	\$2,143	68390 GOB
The Exterior Requires Cleaning	Deferred Maintenance	640	SF Wall	5	\$1,269	68389
Sub Total for System		2	Items		\$3,412	

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Large HVAC Circulating Pump Requires Replacement	Deferred Maintenance	3	Ea.	2	\$37,127	69027 GOB
Sub Total for System		1	Items		\$37,127	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The 2 X 4 Interior Fluorescent Lighting Requires Replacement	Capital Renewal	1	Ea.	3	\$563	68591
Sub Total for System		1	Items		\$563	
Sub Total for Building 23 - Building Support		5	Items		\$44,265	

Building: 24 - Building 24

Roofing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Roof Equipment requires Cabling	Code Compliance	12	Ea.	3	\$2,098	223330
Sub Total for System		1	Items		\$2,098	

Interior

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	25	Ea.	3	\$4,277	Rollup
Room has insufficient tackboard area.	Educational Adequacy	5	Ea.	4	\$1,927	Rollup
Sub Total for System		2	Items		\$6,204	

Electrical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks controls to partially dim lights.	Educational Adequacy	4	Ea.	5	\$3,117	Rollup
Sub Total for System		1	Items		\$3,117	

Plumbing

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	32	Ea.	2	\$43,409	Rollup
Prep room lacks a sink.	Educational Adequacy	4	Ea.	3	\$17,799	Rollup
Sub Total for System		2	Items		\$61,208	

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Interactive White Board	Educational Adequacy	1	Ea.	2	\$2,722	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
Sub Total for System		2	Items		\$18,471	

Broward County Public Schools

School Deficiency Listing

9/2/2014 8:36 AM

2221	Atlantic Technical College
-------------	-----------------------------------

Building: 24 - Building 24

Conveyances

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Elevator Sump Requires Draining And Cleaning	Deferred Maintenance	1	Ea.	2	\$865	69029
Sub Total for System		1	Items		\$865	

Specialties

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks an appropriate refrigerator.	Educational Adequacy	4	Ea.	3	\$21,013	Rollup
Blinds are missing or in poor condition.	Educational Adequacy	168	SF Surf	4	\$4,749	Rollup
Sub Total for System		2	Items		\$25,762	
Sub Total for Building 24 - Building 24		11	Items		\$117,725	
Total for Permanent Buildings		544	Items		\$17,060,737	
Total for Portable Buildings					\$0	
Total for Campus					\$17,060,737	

2.4.4 MAPPS Deficiency Data

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Deficiency Data Grid	Thursday, October 21,	2017 12:24 AM	SITE NAME	Building Number	Building Name	Deficiency Description	Defacto	System ID	System Name	Subsystem	Category	Priority	Priority Description	Quantity	Unit	TTL Cost													
68570	Atlantic Technical College	01	Administration	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	14 EA	EA	146,334.00													
68580	Atlantic Technical College	01	Administration	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	5400	SF Wall	114,434.00													
68590	Atlantic Technical College	02	Administration	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	6000	SF Wall	132,531.00													
68600	Atlantic Technical College	02	Administration	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	10 EA	EA	424,841.00													
67001	Atlantic Technical College	04	Building 2	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	12000	SF Wall	144,011.00													
67002	Atlantic Technical College	04	Building 2	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	11000	SF Wall	134,574.00													
67003	Atlantic Technical College	05	Building 5	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	3000	SF Wall	114,519.00													
67004	Atlantic Technical College	05	Building 5	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	7 EA	EA	124,177.00													
67005	Atlantic Technical College	06	Building 6	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	4000	SF Wall	114,346.00													
67100	Atlantic Technical College	07	Building 7	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	10000	SF Wall	134,411.00													
67101	Atlantic Technical College	07	Building 7	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	2 EA	EA	449,531.00													
67950	Atlantic Technical College	08	Building 8	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	8000	SF Wall	130,041.00													
67951	Atlantic Technical College	10	Building 10	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	8000	SF Wall	130,041.00													
67952	Atlantic Technical College	11	Building 11	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	7000	SF Wall	125,943.00													
67953	Atlantic Technical College	12	Laboratory	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	9000	SF Wall	122,772.00													
68000	Atlantic Technical College	13	Building 13	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	8000	SF Wall	134,455.00													
68001	Atlantic Technical College	14	Laboratory	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	4000	SF Wall	114,793.00													
68010	Atlantic Technical College	15	Building 15	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	13000	SF Wall	144,443.00													
68110	Atlantic Technical College	16	Storage	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	600	SF Wall	12,711.00													
68111	Atlantic Technical College	16	Storage	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	10250	SF Wall	124,474.00													
68112	Atlantic Technical College	17	Building 17	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	12000	SF Wall	124,434.00													
68113	Atlantic Technical College	18	Laboratory	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	7000	SF Wall	124,434.00													
68221	Atlantic Technical College	18	Building 18	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	8000	SF Wall	134,143.00													
68230	Atlantic Technical College	20	Building 20	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	200	SF Wall	1937.00													
68300	Atlantic Technical College	23	Storage / Electrical	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	6000	SF Wall	82,140.00													
68310	Atlantic Technical College	23	Storage / Electrical	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Exterior	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	2 EA	EA	84,816.00													
68510	Atlantic Technical College	01	Administration	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Mechanical	Exterior	Exterior	Deferred	2	Indirect Impact to Mission (1 Year)	7250	SF	111,439.00													
68511	Atlantic Technical College	01	Administration	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Mechanical	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	600	EA	17,893.00													
68520	Atlantic Technical College	01	Administration	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Mechanical	Exterior	Exterior	Deferred	1	Mission Critical Concern (2 Years)	7250	SF	143,841.00													
68521	Atlantic Technical College	02	Building 2	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Mechanical	Exterior	Exterior	Deferred	2	Indirect Impact to Mission (1 Year)	1 EA	EA	1232,441.00													
68522	Atlantic Technical College	02	Building 2	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Mechanical	Exterior	Exterior	Deferred	2	Indirect Impact to Mission (1 Year)	1019	SF	114,174.00													
68523	Atlantic Technical College	02	Building 2	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Mechanical	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	600	EA	15,993.00													
68524	Atlantic Technical College	02	Building 2	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Mechanical	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	1 EA	EA	154,143.00													
68525	Atlantic Technical College	02	Building 2	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Mechanical	Exterior	Exterior	Deferred	1	Mission Critical Concern (2 Years)	1019	SF	141,451.00													
68526	Atlantic Technical College	02	Building 2	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Mechanical	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	1019	SF	177,474.00													
68527	Atlantic Technical College	02	Building 2	Exterior Door Hardware	Exterior Door Hardware	Exterior Door Hardware	4	Mechanical	Exterior	Exterior	Deferred	3	Short Term Conditions (2-3 Years)	1019	SF	177,474.00													

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Site Name	Building Number	Building Name	Delinquency Description	Def. Desc	System ID	System Name	Description	Category	Priority	Priority Description	Quantity	Unit	TTL Cost																
69130 Atlantic Technical College	06	Building 6	The Mechanical HVAC Piping / System is Beyond Its Useful Life			Mechanical	Field/ Hydronic Distribution	Deferred Maintenance	3	Short Term Conditions (3-5 Years)	3393 SF	SF	\$24,876																
69135 Atlantic Technical College	05	Building 5	Plumbing Leaking Pipes, Faucets, Sinks, Showers, Bidets, etc.			Mechanical	Decorative Coating	Deferred Maintenance	2	Deferred Impact to Masonry (Year)	1 Ea	Ea	\$12,620																
21201 Atlantic Technical College	03	Building 3	The Small Diameter Exhaust Air Exhaust/Makeup Air			Mechanical	Exhaust Air	Deferred Maintenance	3	Short Term Conditions (3-5 Years)	1 Ea	Ea	\$2,486																
22304 Atlantic Technical College	01	Administration	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	7263 SF	SF	\$76,877																
22305 Atlantic Technical College	02	Building 2	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	13619 SF	SF	\$165,707																
22309 Atlantic Technical College	03	Building 3	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	13244 SF	SF	\$181,169																
22309 Atlantic Technical College	05	Building 5	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	3722 SF	SF	\$39,059																
22310 Atlantic Technical College	06	Building 6	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	3352 SF	SF	\$35,179																
22311 Atlantic Technical College	07	Building 7	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	20950 SF	SF	\$234,989																
22314 Atlantic Technical College	09	Locker Room	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	692 SF	SF	\$8,749																
22316 Atlantic Technical College	10	Building 10	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	8700 SF	SF	\$108,499																
22317 Atlantic Technical College	11	Building 11	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	7126 SF	SF	\$74,739																
22318 Atlantic Technical College	12	Laboratory	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	10303 SF	SF	\$106,971																
22319 Atlantic Technical College	13	Building 13	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	1443 SF	SF	\$18,199																
22320 Atlantic Technical College	14	Laboratory	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	3062 SF	SF	\$31,381																
22321 Atlantic Technical College	16	Storage	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	200 SF	SF	\$2,482																
22322 Atlantic Technical College	17	Building 17	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	11027 SF	SF	\$145,993																
22323 Atlantic Technical College	18	Building 18	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	6211 SF	SF	\$65,892																
22324 Atlantic Technical College	20	Building 20	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	5542 SF	SF	\$57,432																
22325 Atlantic Technical College	22	Storage / Electrical	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	32 SF	SF	\$403																
22326 Atlantic Technical College	23	Building Support	Roofing/Decking Required			Roofing	Low-Slope Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	202 SF	SF	\$2,164																
31434 Atlantic Technical College			Roofing/Decking Required			Roofing	Canopy Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	22034 SF	SF	\$134,423																
31435 Atlantic Technical College			Roofing/Decking Required			Roofing	Canopy Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	4255 SF	SF	\$24,181																
31436 Atlantic Technical College			Roofing/Decking Required			Roofing	Canopy Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	1020 SF	SF	\$4,139																
31437 Atlantic Technical College			Roofing/Decking Required			Roofing	Canopy Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	5702 SF	SF	\$35,097																
31438 Atlantic Technical College			Roofing/Decking Required			Roofing	Canopy Roofing	Capital Renewal	2	Deferred Impact to Masonry (Year)	2628 SF	SF	\$14,178																

Deficiency Data Ord
The School Board of Broward County
October 21,
2015, 2:34 PM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Site Name	Building Number	Building Name	Deficiency Description	Out Date	System Name	Deficiency Description	Priority	Priority Description	Quantity	Unit	TTL Cost																		
314598 Atlantic Technical College			Aluminum Covered Walkways Require Replacement		2 Roofing	Canopy Roofing	2	Capital Renewal	2350	SF	\$14,711																		
314599 Atlantic Technical College			Aluminum Covered Walkways Require Replacement		2 Roofing	Canopy Roofing	2	Capital Renewal	3010	SF	\$23,652																		
314600 Atlantic Technical College			Aluminum Covered Walkways Require Replacement		2 Roofing	Canopy Roofing	2	Capital Renewal	2651	SF	\$16,379																		
314591 Atlantic Technical College			Aluminum Covered Walkways Require Replacement		2 Roofing	Canopy Roofing	2	Capital Renewal	3500	SF	\$21,697																		
316257 Atlantic Technical College	10	Building 10	Waste Center requires replacement with an condition of boards		26 Other	Exclusional Equipment	2	Capital Renewal	11.8	LS	\$117,441																		

2.4.5 MAPPS Deficiency Detail

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Admin**

Deficiency:

Assess ID	66879	Surveyor/Update	ZIndy Agredo
Defecency Code ID	A45-03		
Status	Estimated	FCI	Yes
Life Cycle			

Deficiency **Exterior Door Hardware Requires Replacement**

Category	Deferred Maintenance	System	Exterior
----------	-----------------------------	--------	-----------------

Priority	3-Short Term Conditions (2-3 Years)	Functional Adequacy	Non Related
----------	--	---------------------	--------------------

Correction	Replace exterior door with ADA compliant hardware	Quantity / UoM	
------------	--	----------------	--

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
U	080505105585	Door demolition, panic device, remove	14	Ea.	48.00	\$672	
U	087120152250	Door hardware, school, single, exterior, incl. lever, panic device	14	Door	1,600.00	\$22,400	
Sub Total						\$23,072	
					Construction Adjustment	35%	7,960
Construction Cost						\$31,032	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	48%	15,035
Total Estimated Amount						\$46,067	

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Admin**

Deficiency:

Assess ID **66883** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **12525**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	797	SF	1.57	\$1,252
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	5,400	SF	0.93	\$5,022
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	5,400	SF	0.79	\$4,266

Sub Total	\$10,540
Construction Adjustment	35% 3,636
Construction Cost	\$14,176
Adjustment Factor	0% 0
Soft Cost Adjustment	48% 6,868
Total Estimated Amount	\$21,044

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 2**

Deficiency:

Assess ID **66926** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **12723**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	974	SF	1.57	\$1,530
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	6,600	SF	0.93	\$6,138
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	6,600	SF	0.79	\$5,214

Sub Total		\$12,882
Construction Adjustment	35%	4,444
Construction Cost		\$17,326
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	8,394
Total Estimated Amount		<u>\$25,720</u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 2**

Deficiency:

Assess ID **66927** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A45-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Exterior Door Hardware Requires Replacement**

Category **Deferred Maintenance** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace exterior door with ADA compliant hardware** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	080505105585	Door demolition, panic device, remove	10	Ea.	48.00	\$480
U	087120152250	Door hardware, school, single, exterior, incl. lever, panic device	10	Door	1,600.00	\$16,000
Sub Total						\$16,480
Construction Adjustment					35%	5,686
Construction Cost						\$22,166
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	10,739
Total Estimated Amount						\$32,905

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/19/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID **67001** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **12766**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,860	SF	1.57	\$2,920
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	12,600	SF	0.93	\$11,718
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	12,600	SF	0.79	\$9,954

Sub Total	\$24,592
Construction Adjustment 35%	8,484
Construction Cost	\$33,077
Adjustment Factor 0%	0
Soft Cost Adjustment 48%	16,026
Total Estimated Amount	\$49,102

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/19/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 4**

Deficiency:

Assess ID **67033** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **12853**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,668	SF	1.57	\$2,619
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	11,300	SF	0.93	\$10,509
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	11,300	SF	0.79	\$8,927
Sub Total						\$22,055
					Construction Adjustment	35% 7,609
Construction Cost						\$29,664
					Adjustment Factor	0% 0
					Soft Cost Adjustment	48% 14,372
Total Estimated Amount						\$44,036

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 5**

Deficiency:

Assess ID **67050** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **12906**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	585	SF	1.57	\$918
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	3,960	SF	0.93	\$3,683
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	3,960	SF	0.79	\$3,128
Sub Total						\$7,729
					Construction Adjustment	35% 2,666
Construction Cost						\$10,395
					Adjustment Factor	0% 0
					Soft Cost Adjustment	48% 5,037
Total Estimated Amount						\$15,432

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 5**

Deficiency:

Assess ID **67051** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A45-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Exterior Door Hardware Requires Replacement**

Category **Deferred Maintenance** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace exterior door with ADA compliant hardware** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	080505105585	Door demolition, panic device, remove	7	Ea.	48.00	\$336
U	087120152250	Door hardware, school, single, exterior, incl. lever, panic device	7	Door	1,600.00	\$11,200
Sub Total						\$11,536
Construction Adjustment					35%	3,980
Construction Cost						\$15,516
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	7,517
Total Estimated Amount						\$23,033

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/19/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 6**

Deficiency:

Assess ID **67071** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **12932**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	709	SF	1.57	\$1,112
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	4,800	SF	0.93	\$4,464
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	4,800	SF	0.79	\$3,792
Sub Total						\$9,368
Construction Adjustment					35%	3,232
Construction Cost						\$12,601
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	6,105
Total Estimated Amount						\$18,706

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 7**

Deficiency:

Assess ID **67103** Surveyor/Update **ZIndy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **14170**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,488	SF	1.57	\$2,336
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	10,080	SF	0.93	\$9,374
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	10,080	SF	0.79	\$7,963
Sub Total						\$19,674
Construction Adjustment					35%	6,787
Construction Cost						\$26,461
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	12,820
Total Estimated Amount						\$39,282

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 7**

Deficiency:

Assess ID **67104** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A45-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Exterior Door Hardware Requires Replacement**

Category **Deferred Maintenance** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace exterior door with ADA compliant hardware** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	080505105585	Door demolition, panic device, remove	21	Ea.	48.00	\$1,008
U	087120152250	Door hardware, school, single, exterior, incl. lever, panic device	21	Door	1,600.00	\$33,600
Sub Total						\$34,608
Construction Adjustment					35%	11,940
Construction Cost						\$46,548
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	22,552
Total Estimated Amount						\$69,100

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 8**

Deficiency:

Assess ID **67990** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,299	SF	1.57	\$2,040
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	8,800	SF	0.93	\$8,184
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	8,800	SF	0.79	\$6,952
Sub Total						\$17,176
Construction Adjustment					35%	5,926
Construction Cost						\$23,101
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	11,192
Total Estimated Amount						\$34,294

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 10**

Deficiency:

Assess ID **67992** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **14228**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,299	SF	1.57	\$2,040
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	8,800	SF	0.93	\$8,184
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl frames or trim	8,800	SF	0.79	\$6,952
Sub Total						\$17,176
Construction Adjustment					35%	5,926
Construction Cost						\$23,101
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	11,192
Total Estimated Amount						\$34,294

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/19/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 11**

Deficiency:

Assess ID **67994** Surveyor/Update **Zindy Agredo**
Defeciency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **14253**

Deficiency **The Exterior Reqlures Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,122	SF	1.57	\$1,761
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	7,600	SF	0.93	\$7,068
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	7,600	SF	0.79	\$6,004

Sub Total		\$14,833
Construction Adjustment	35%	5,118
Construction Cost		\$19,951
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	9,666
Total Estimated Amount		\$29,617

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID **67997** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **14267**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,417	SF	1.57	\$2,225
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	9,600	SF	0.93	\$8,928
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	9,600	SF	0.79	\$7,584
Sub Total						\$18,737
Construction Adjustment					35%	6,464
Construction Cost						\$25,201
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	12,210
Total Estimated Amount						\$37,411

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 13**

Deficiency:

Assess ID **68000** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **14290**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,447	SF	1.57	\$2,271
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	9,800	SF	0.93	\$9,114
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	9,800	SF	0.79	\$7,742

Sub Total		\$19,127
Construction Adjustment	35%	6,599
Construction Cost		\$25,726
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	12,464
Total Estimated Amount		\$38,191

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID **68004** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **14322**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	679	SF	1.57	\$1,066
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	4,600	SF	0.93	\$4,278
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	4,600	SF	0.79	\$3,634

Sub Total	\$8,978
Construction Adjustment	35% 3,097
Construction Cost	\$12,076
Adjustment Factor	0% 0
Soft Cost Adjustment	48% 5,851
Total Estimated Amount	\$17,926

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 15**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68012** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **14340**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	2,008	SF	1.57	\$3,152
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	13,600	SF	0.93	\$12,648
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	13,600	SF	0.79	\$10,744

Sub Total	\$26,544
Construction Adjustment	35% 9,158
Construction Cost	\$35,702
Adjustment Factor	0% 0
Soft Cost Adjustment	48% 17,297
Total Estimated Amount	\$52,999

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Sto**

Deficiency:

Assess ID **68130** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **14552**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	118	SF	1.57	\$185
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	800	SF	0.93	\$744
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	800	SF	0.79	\$632

Sub Total		\$1,561
Construction Adjustment	35%	539
Construction Cost		\$2,100
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	1,017
Total Estimated Amount		\$3,118

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 17**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68189** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **14617**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	2,399	SF	1.57	\$3,766
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	16,250	SF	0.93	\$15,113
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	16,250	SF	0.79	\$12,838

Sub Total		\$31,716
Construction Adjustment	35%	10,942
Construction Cost		\$42,658
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	20,668
Total Estimated Amount		\$63,326

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID	68198	Surveyor/Update	Zindy Agredo
Deficiency Code ID	A26-01		
Status	Estimated	FCI	Yes
Life Cycle			

Deficiency **The Exterior Requires Painting**

Category	Capital Renewal	System	Exterior
Priority	3-Short Term Conditions (2-3 Years)	Functional Adequacy	Non Related
Correction	Paint Building Exterior	Quantity / UoM	

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,033	SF	1.57	\$1,622
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	7,000	SF	0.93	\$6,510
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	7,000	SF	0.79	\$5,530
Sub Total						\$13,662
					Construction Adjustment	35% 4,714
Construction Cost						\$18,376
					Adjustment Factor	0% 0
					Soft Cost Adjustment	46% 8,376
Total Estimated Amount						\$26,752

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 18**

Deficiency:

Assess ID **68231** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **14757**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,033	SF	1.57	\$1,622
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	7,000	SF	0.93	\$6,510
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	7,000	SF	0.79	\$5,530

Sub Total	\$13,662
Construction Adjustment	35% 4,714
Construction Cost	\$18,376
Adjustment Factor	0% 0
Soft Cost Adjustment	46% 8,376
Total Estimated Amount	\$26,752

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 20**

Deficiency:

Assess ID **68254** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,461	SF	1.57	\$2,294
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	9,900	SF	0.93	\$9,207
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	9,900	SF	0.79	\$7,821

Sub Total		\$19,322
Construction Adjustment	35%	6,666
Construction Cost		\$25,989
Adjustment Factor	0%	0
Soft Cost Adjustment	46%	11,846
Total Estimated Amount		\$37,834

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Sto / Elec**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68380** Surveyor/Update **Sherry Sims**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **15325**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	41	SF	1.57	\$65
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	280	SF	0.93	\$260
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	280	SF	0.79	\$221
Sub Total						\$546
Construction Adjustment					35%	189
Construction Cost						\$735
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	335
Total Estimated Amount						\$1,070

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg Support**

Deficiency:

Assess ID **68390** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **A26-01**
Status **Estimated** FCI **Yes**
Life Cycle **15352**

Deficiency **The Exterior Requires Painting**

Category **Capital Renewal** System **Exterior**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Paint Building Exterior** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	94	SF	1.57	\$148
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	640	SF	0.93	\$595
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	640	SF	0.79	\$506

Sub Total	\$1,249
Construction Adjustment	35% 431
Construction Cost	\$1,680
Adjustment Factor	0% 0
Soft Cost Adjustment	46% 766
Total Estimated Amount	\$2,446

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Admin**

Deficiency:

Assess ID **68617** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M60-03**
Status **Estimated** FCI **Yes**
Life Cycle **15992**

Deficiency **Exhaust Fan Ventilation Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace Exhaust Fan** Quantity / UoM

Project(s) Note **500 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230505102120	Fans, up thru 1 H.P. or 2000 CFM, selective demolition	2	Ea.	155.00	\$310
U	233423106180	Fans, propeller exhaust, wall shutter, direct drive, 1/4" S.P., two speed, 3275 CFM, 1/2 H.P.	2	Ea.	1,050.00	\$2,100
Sub Total						\$2,410
					Construction Adjustment	35% 831
Construction Cost						\$3,241
					Adjustment Factor	0% 0
					Soft Cost Adjustment	48% 1,570
Total Estimated Amount						\$4,812

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Admin**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68621** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M54-02**
Status **Estimated** FCI **Yes**
Life Cycle **15980**

Deficiency **Controls Require Repair**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Fix Pneumatic Controls** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230943100280	Pneumatic control system, heating & ventilating, split system, mixed air control, enthalpy cycle, panel readout, tubing, 10 to 20 tons, including nominal 50' of tubing	1	Ea.	9,650.00	\$6,666

Sub Total		\$6,666
Construction Adjustment	35%	2,300
Construction Cost		\$8,966
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	4,344
Total Estimated Amount		<u>\$13,309</u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Admin**

Deficiency:

Assess ID **68622** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M59-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Ductwork Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Ductwork** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	090505101540	Ceiling demolition, ceiling tile, wood fiber, stapled, 12" x 12", remove	800	SF	0.64	\$512
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	800	SF	2.82	\$2,256
U	230505101590	Ductwork, spiral wound, prefabricated, selective demolition	84	LF	3.11	\$262
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	200	Lb	7.70	\$1,540

Sub Total		\$4,570
Construction Adjustment	35%	1,577
Construction Cost		\$6,147
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	2,978
Total Estimated Amount		\$9,124

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Admin**

Deficiency:

Assess ID **68628** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **15974**

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	2,015	SF	2.84	\$5,722
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	2,015	SF	0.64	\$1,289
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	7,253	SF	4.02	\$29,157
Sub Total						\$36,168
Construction Adjustment 35%						12,478
Construction Cost						\$48,646
Adjustment Factor 0%						0
Soft Cost Adjustment 48%						23,569
Total Estimated Amount						\$72,216

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 2**

Deficiency:

Assess ID **68646** Surveyor/Update **Chris Taylor**
Deficiency Code ID **M04-03**
Status **Estimated** FCI **Yes**
Life Cycle **16062**

Deficiency **The Exterior Air Handler Is Damaged And Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 10,000 CFM Exterior Air Handler** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820
U	237413103250	Air handling unit, packaged weatherproof, with cooling/heating coil section, filters, mixing box, variable air volume, single zone, 10,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	75,000.00	\$75,000

Sub Total		\$75,820
Construction Adjustment	35%	26,158
Construction Cost		\$101,978
Adjustment Factor	70%	71,385
Soft Cost Adjustment	48%	49,408
Total Estimated Amount		\$222,771

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 2**

Deficiency:

Assess ID **68653** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M54-02**
Status **Estimated** FCI **Yes**
Life Cycle **16059**

Deficiency **Controls Require Repair**
Category **Deferred Maintenance** System **Mechanical**
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**
Correction **Fix Pneumatic Controls** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230943100280	Pneumatic control system, heating & ventilating, split system, mixed air control, enthalpy cycle, panel readout, tubing, 10 to 20 tons, including nominal 50' of tubing	1	Ea.	9,650.00	\$9,647

Sub Total		\$9,647
Construction Adjustment	35%	3,328
Construction Cost		\$12,976
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	6,287
Total Estimated Amount		\$19,262

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 2**

Deficiency:

Assess ID **68669** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M59-03**
Status **Estimated** FCI **Yes**
Life Cycle **16061**

Deficiency **Ductwork Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Ductwork** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	090505101540	Ceiling demolition, ceiling tile, wood fiber, stapled, 12" x 12", remove	600	SF	0.64	\$384
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	600	SF	2.82	\$1,692
U	230505101590	Ductwork, spiral wound, prefabricated, selective demolition	63	LF	3.11	\$196
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connection field sketches, excludes as-built drawings and insulation	150	Lb	7.70	\$1,155

Sub Total		\$3,427
Construction Adjustment	35%	1,182
Construction Cost		\$4,610
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	2,233
Total Estimated Amount		\$6,843

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 2**

Deficiency:

Assess ID **68674** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-02C**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace 5000 CFM Air Handler** Quantity / UoM

Project(s) Note **5000 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	26,000.00	\$26,000
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	1	Day	1,600.00	\$1,600
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	250	Lb	13.40	\$3,350
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	1	Ea.	330.00	\$330

Sub Total	\$32,100
Construction Adjustment	35% 11,074
Construction Cost	\$43,174
Adjustment Factor	0% 0
Soft Cost Adjustment	48% 20,918
Total Estimated Amount	\$64,093

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 2**

Deficiency:

Assess ID **68678** Surveyor/Update **Zindy Agredo**
 Deficiency Code ID **BP20-01**
 Status **Estimated** FCI **Yes**
 Life Cycle

Deficiency **Install Fire Sprinklers**
 Category **Code Compliance** System **Fire and Security**
 Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**
 Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	2,916	SF	2.84	\$8,281
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	2,916	SF	0.64	\$1,866
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	10,497	SF	4.02	\$42,198
Sub Total						\$52,345
Construction Adjustment						35% 18,059
Construction Cost						\$70,404
Adjustment Factor						0% 0
Soft Cost Adjustment						48% 34,111
Total Estimated Amount						<u>\$104,515</u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 2**

Deficiency:

Assess ID **68683** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M80-03**
Status **Estimated** FCI **Yes**
Life Cycle **16060**

Deficiency **The Mechanical / HVAC Piping / System Is Beyond Its Useful Life**

Category **Deferred Maintenance** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Piping System (4-Pipe)** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220719107568	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 1-1/2" iron pipe size	833	LF	10.60	\$8,831
U	220719107578	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 4" iron pipe size	167	LF	15.75	\$2,624
U	221113440590	Pipe, steel, black, threaded, 1-1/4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	833	LF	21.00	\$17,495
U	221113440650	Pipe, steel, black, threaded, 4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	167	LF	66.00	\$10,997
U	024113460100	Selective demolition, steel pipe with insulation, 3/4"-4", excludes excavation	1,000	LF	4.58	\$4,579

Sub Total		\$44,526
Construction Adjustment	35%	15,361
Construction Cost		\$59,887
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	29,015
Total Estimated Amount		<u>\$88,902</u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/19/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 2**

Deficiency:

Assess ID **68701** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-21c**
Status **Estimated** FCI **Yes**
Life Cycle **16070**

Deficiency **Duct Heater Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Learning Environment**

Correction **Replace Duct Heater** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	1	Ea.	2,825.00	\$2,825
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	1	Job	161.00	\$161

Sub Total		\$2,986
Construction Adjustment	35%	1,030
Construction Cost		\$4,016
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	1,946
Total Estimated Amount		\$5,962

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID **68702** Surveyor/Update **Chris Taylor**
Deficiency Code ID **M04-03**
Status **Estimated** FCI **Yes**
Life Cycle **16156**

Deficiency **The Exterior Air Handler Is Damaged And Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 10,000 CFM Exterior Air Handler** Quantity / UoM

Project(s) Note **15000 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	3	Ea.	820.00	\$2,460
U	237413103250	Air handling unit, packaged weatherproof, with cooling/heating coil section, filters, mixing box, variable air volume, single zone, 10,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	3	Ea.	75,000.00	\$225,000

Sub Total		\$227,460
Construction Adjustment	35%	78,474
Construction Cost		\$305,934
Adjustment Factor	70%	214,154
Soft Cost Adjustment	48%	148,225
Total Estimated Amount		\$668,312

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 3**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68703** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M21-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Roof Condenser Requires Replacement**
Category **Capital Renewal** System **Mechanical**
Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**
Correction **Replace Rooftop Condenser** Quantity / UoM
Project(s) Note **12 ton**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	015436502000	Mobilization or demobilization, crane, truck-mounted, up to 75 ton, (driver only, one-way)	4	Ea.	88.50	\$354
U	260580101600	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 125 HP motor	1	Ea.	415.00	\$332
U	236313101640	Condenser, ratings are for air cooled, direct drive, propeller fan, 30Deg.F temperature difference, 5 ton, R-22, replace unit	1	Ea.	2,775.00	\$2,220
U	230505100150	Air conditioner, split unit air conditioner, package unit, 3 ton, selective demolition	1	Ea.	680.00	\$907
Sub Total						\$3,813
					Construction Adjustment	35% 1,315
Construction Cost						\$5,128
					Adjustment Factor	0% 0
					Soft Cost Adjustment	48% 2,485
Total Estimated Amount						\$7,613

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID	68705	Surveyor/Update	Zindy Agredo
Defecency Code ID	M60-03		
Status	Estimated	FCI	Yes
Life Cycle	16160		

Deficiency **Exhaust Fan Ventilation Requires Replacement**

Category	Capital Renewal	System	Mechanical
----------	------------------------	--------	-------------------

Priority	3-Short Term Conditions (2-3 Years)	Functional Adequacy	Non Related
----------	--	---------------------	--------------------

Correction	Replace Exhaust Fan	Quantity / UoM	
------------	----------------------------	----------------	--

Project(s) Note **500 each**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
U	230505102120	Fans, up thru 1 H.P. or 2000 CFM, selective demolition	4	Ea.	155.00	\$620	
U	233423106180	Fans, propeller exhaust, wall shutter, direct drive, 1/4" S.P., two speed, 3275 CFM, 1/2 H.P.	4	Ea.	1,050.00	\$4,200	
Sub Total						\$4,820	
					Construction Adjustment	35%	1,663
Construction Cost						\$6,483	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	48%	3,141
Total Estimated Amount						\$9,624	

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID	68709	Surveyor/Update	Zindy Agredo
Deficiency Code ID	M53-01		
Status	Estimated	FCI	Yes
Life Cycle			

Deficiency **Make-Up Air Should Be Increased**

Category	Functional Deficiency	System	Mechanical
----------	------------------------------	--------	-------------------

Priority	3-Short Term Conditions (2-3 Years)	Functional Adequacy	Non Related
----------	--	---------------------	--------------------

Correction	Increase Make-Up Air Capacity	Quantity / UoM	
------------	--------------------------------------	----------------	--

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M	260533050700	Aluminum conduit, 1" diameter, to 15' H, incl 2 terminations, 2 elbows & 1 beam clamps per 100 LF	215	LF	9.71	\$2,085
U	260580102025	Motor connections, flexible conduit and fittings, 3 phase, sealtite, 460 volt, 40 HP motor	3	Ea.	180.00	\$515
U	050505100270	Selective metals demolition, structural framing members, 10 - 15 tons, remove whole or cut up into smaller pieces, incl loading, excl shoring, bracing, cutting, hauling, dumping	1	Ea.	370.00	\$530
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	132	Lb	7.70	\$1,019
U	237339100100	Make-up air unit, indoor suspension, natural/LP gas, direct fired, MBH is input, 70Deg.F temperature rise, 75 MBH, includes standard controls	1	Ea.	5,975.00	\$8,555

Sub Total		\$12,705
Construction Adjustment	35%	4,383
Construction Cost		\$17,088
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	8,279
Total Estimated Amount		<u>\$25,367</u>

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID **68711** Surveyor/Update **Zindy Agredo**
Defecency Code ID **M58-02**
Status **Estimated** FCI **Yes**
Life Cycle **16161**

Deficiency **Kitchen Air/Exhaust is Inadequate and Should be Repaired**
Category **Deferred Maintenance** System **Mechanical**
Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**
Correction **Repair Kitchen Air/Exhaust Hood** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
U	233813107950	Hood fire protection system, commercial kitchen equipment, min	1	Ea.	5,250.00	\$2,625	
Sub Total						\$2,625	
					Construction Adjustment	35%	906
					Construction Cost		\$3,531
					Adjustment Factor	0%	0
					Soft Cost Adjustment	48%	1,711
					Total Estimated Amount		\$5,241

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID **68712** Surveyor/Update **Zindy Agredo**
Defecency Code ID **M54-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Controls Require Repair**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Fix Pneumatic Controls** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230943100280	Pneumatic control system, heating & ventilating, split system, mixed air control, enthalpy cycle, panel readout, tubing, 10 to 20 tons, including nominal 50' of tubing	1	Ea.	9,650.00	\$12,172

Sub Total		\$12,172
Construction Adjustment	35%	4,199
Construction Cost		\$16,371
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	7,932
Total Estimated Amount		\$24,303

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID **68714** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M59-03**
Status **Estimated** FCI **Yes**
Life Cycle **16150**

Deficiency **Ductwork Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Ductwork** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	090505101540	Ceiling demolition, ceiling tile, wood fiber, stapled, 12" x 12", remove	1,600	SF	0.64	\$1,024
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	1,600	SF	2.82	\$4,512
U	230505101590	Ductwork, spiral wound, prefabricated, selective demolition	168	LF	3.11	\$524
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	400	Lb	7.70	\$3,080

Sub Total		\$9,140
Construction Adjustment	35%	3,153
Construction Cost		\$12,293
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	5,956
Total Estimated Amount		\$18,249

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID **68716** Surveyor/Update **Chris Taylor**
Deficiency Code ID **M57-02C**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace 5000 CFM Air Handler** Quantity / UoM

Project(s) Note **22500 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	750	Lb	13.40	\$10,050
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	3	Day	1,600.00	\$4,800
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	3	Ea.	26,000.00	\$78,000
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	3	Ea.	820.00	\$2,460
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	3	Ea.	330.00	\$990

Sub Total		\$96,300
Construction Adjustment	35%	33,223
Construction Cost		\$129,523
Adjustment Factor	70%	90,666
Soft Cost Adjustment	48%	62,754
Total Estimated Amount		\$282,944

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID **68718** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-21c**
Status **Estimated** FCI **Yes**
Life Cycle **16159**

Deficiency **Duct Heater Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Learning Environment**

Correction **Replace Duct Heater** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 KW, 12" wide x 24" high	3	Ea.	2,825.00	\$8,475
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	3	Job	161.00	\$483
Sub Total						\$8,958
					Construction Adjustment	35% 3,091
Construction Cost						\$12,049
					Adjustment Factor	0% 0
					Soft Cost Adjustment	48% 5,838
Total Estimated Amount						\$17,886

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID **68723** Surveyor/Update **Zindy Agredo**
 Deficiency Code ID **M80-03**
 Status **Estimated** FCI **Yes**
 Life Cycle **16149**

Deficiency **The Mechanical / HVAC Piping / System Is Beyond Its Useful Life**

Category **Deferred Maintenance** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Piping System (4-Pipe)** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220719107568	insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 1-1/2" iron pipe size	1,051	LF	10.60	\$11,142
U	220719107578	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 4" iron pipe size	210	LF	15.75	\$3,311
U	221113440590	Pipe, steel, black, threaded, 1-1/4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	1,051	LF	21.00	\$22,073
U	221113440650	Pipe, steel, black, threaded, 4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	210	LF	66.00	\$13,875
U	024113460100	Selective demolition, steel pipe with insulation, 3/4"-4", excludes excavation	1,261	LF	4.58	\$5,777

Sub Total		\$56,178
Construction Adjustment	35%	19,381
Construction Cost		\$75,559
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	36,608
Total Estimated Amount		<u>\$112,167</u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID **68732** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **16117**

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	3,679	SF	2.84	\$10,448
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	3,679	SF	0.64	\$2,354
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	13,244	SF	4.02	\$53,241
Sub Total						\$66,043
Construction Adjustment						35% 22,785
Construction Cost						\$88,828
Adjustment Factor						0% 0
Soft Cost Adjustment						48% 43,037
Total Estimated Amount						\$131,866

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 4**

Deficiency:

Assess ID **68746** Surveyor/Update **Chris Taylor**
Deficiency Code ID **M04-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Exterior Air Handler Is Damaged And Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 10,000 CFM Exterior Air Handler** Quantity / UoM

Project(s) Note **7500 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820
U	237413103250	Air handling unit, packaged weatherproof, with cooling/heating coil section, filters, mixing box, variable air volume, single zone, 10,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	75,000.00	\$75,000

Sub Total		\$75,820
Construction Adjustment	35%	26,158
Construction Cost		\$101,978
Adjustment Factor	70%	71,385
Soft Cost Adjustment	48%	49,408
Total Estimated Amount		\$222,771

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 4**

Deficiency:

Assess ID **68747** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M06-03**
Status **Estimated** FCI **Yes**
Life Cycle **16302**

Deficiency **The Exterior Metal Cooling Tower Is Damaged And Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 130 Ton Exterior Metal Cooling Tower** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	015436502200	Mobilization or demobilization, crane, crawler-mounted, up to 75 ton	1	Ea.	1,125.00	\$1,125
U	236513100250	Cooling tower, packaged unit, galvanized steel, induced draft, crossflow, vertical, belt drive, 131 ton, includes standard controls, excludes pumps and piping	130	TonAC	251.00	\$32,630
U	260580102055	Motor connections, flexible conduit and fittings, 3 phase, sealite, 460 volt, 150 HP motor	1	Ea.	480.00	\$480
U	230505100700	Cooling tower, up thru 400 ton, selective demolition	1	Ea.	2,550.00	\$2,550
Sub Total						\$36,785
Construction Adjustment					35%	12,691
Construction Cost						\$49,476
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	23,971
Total Estimated Amount						\$73,447

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 4**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68749** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M54-02**
Status **Estimated** FCI **Yes**
Life Cycle **16282**

Deficiency **Controls Require Repair**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Fix Pneumatic Controls** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230943100280	Pneumatic control system, heating & ventilating, split system, mixed air control, enthalpy cycle, panel readout, tubing, 10 to 20 tons, including nominal 50' of tubing	1	Ea.	9,650.00	\$9,239

Sub Total		\$9,239
Construction Adjustment	35%	3,188
Construction Cost		\$12,427
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	6,021
Total Estimated Amount		\$18,447

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 4**

Deficiency:

Assess ID **68750** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-02C**
Status **Estimated** FCI **Yes**
Life Cycle **16296**

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace 5000 CFM Air Handler** Quantity / UoM

Project(s) Note **7500 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	26,000.00	\$26,000
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	1	Day	1,600.00	\$1,600
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	250	Lb	13.40	\$3,350
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	1	Ea.	330.00	\$330

Sub Total		\$32,100
Construction Adjustment	35%	11,074
Construction Cost		\$43,174
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	20,918
Total Estimated Amount		\$64,093

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College**

Deficiency:

Assess ID **68752** Surveyor/Update **Chris Taylor**
Deficiency Code ID **M57-04C**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Chiller HVAC Component Is Damaged And Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 200 Ton Chiller** Quantity / UoM

Project(s) Note **600 tonac**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	236426101620	Water chiller, screw, dual compressors, water cooled, 200 ton cooling, includes standard controls, excludes water tower	3	Ea.	126,000.00	\$378,000
U	230505108020	Water chiller, 110 thru 500 ton, selective demolition	3	Ea.	9,600.00	\$28,800
U	260580101620	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 200 HP motor	3	Ea.	585.00	\$1,755
U	015436502200	Mobilization or demobilization, crane, crawler-mounted, up to 75 ton	3	Ea.	1,125.00	\$3,375
Sub Total						\$411,930
					Construction Adjustment	35% 142,116
Construction Cost						\$554,046
					Adjustment Factor	56% 311,485
					Soft Cost Adjustment	48% 268,435
Total Estimated Amount						\$1,133,966

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 4**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68753** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **m57-20c**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Small HVAC Circulating Pump Requires Replacement**
Category **Deferred Maintenance** System **Mechanical**
Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**
Correction **Replace Small (5HP or Less) Circulating Pump** Quantity / UoM
Project(s) Note **5 hp**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220505102184	Pump, 1 H.P. thru 5 H.P., selective demolition	1	Ea.	216.00	\$216
U	232123134300	Pump, circulating, cast iron, close coupled, end suction, bronze impeller, flanged joints, 5 H.P., to 225 GPM, 3" size	1	Ea.	4,425.00	\$4,425

Sub Total		\$4,641
Construction Adjustment	35%	1,601
Construction Cost		\$6,242
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	3,024
Total Estimated Amount		\$9,266

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 4**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68754** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-15C**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Steam Heat Exchanger Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace Shell & Tube Steam Heat Exchanger (120 GPM)** Quantity / UoM

Project(s) Note **water to water**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230505102760	Heat exchanger, shell and tube type, selective demolition	1	Ea.	820.00	\$820
U	235716100220	Heat exchanger, shell & tube type, cast iron heads, cast iron tube sheet, steel shell, 2 or 4 pass, hot water 40Deg.F to 180Deg.F, by steam at 10 PSI, 120 GPM, 3/4" copper tubes	1	Ea.	16,300.00	\$16,300

Sub Total		\$17,120
Construction Adjustment	35%	5,906
Construction Cost		\$23,026
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	11,156
Total Estimated Amount		<u>\$34,183</u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 4**

Deficiency:

Assess ID **68755** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-12c**
Status **Estimated** FCI **Yes**
Life Cycle **16292**

Deficiency **The Window AC Unit Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace Window AC Unit** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230505108400	Window air conditioner, selective demolition	2	Ea.	37.50	\$75
U	238119104780	Window/through-the-wall unit air conditioner, grounded receptacle required, 15 amp 230 V, 18,000 BTUH	2	Ea.	1,200.00	\$2,400

Sub Total		\$2,475
Construction Adjustment	35%	854
Construction Cost		\$3,329
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	1,613
Total Estimated Amount		<u>\$4,942</u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 4**

Deficiency:

Assess ID **68756** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M80-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Mechanical / HVAC Piping / System is Beyond its Useful Life**

Category **Deferred Maintenance** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Piping System (4-Pipe)** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220719107568	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 1-1/2" iron pipe size	798	LF	10.60	\$8,457
U	220719107578	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 4" iron pipe size	160	LF	15.75	\$2,513
U	221113440590	Pipe, steel, black, threaded, 1-1/4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	798	LF	21.00	\$16,755
U	221113440650	Pipe, steel, black, threaded, 4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	160	LF	66.00	\$10,532
U	024113460100	Selective demolition, steel pipe with insulation, 3/4"-4", excludes excavation	957	LF	4.58	\$4,385

Sub Total		\$42,642
Construction Adjustment	35%	14,712
Construction Cost		\$57,354
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	27,788
Total Estimated Amount		\$85,142

M-A-P-P-S ©, Jacobs 2016

Atlantic Technical College 290
Page 621 of 865

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 4**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68761** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **16201**

Deficiency **Install Fire Sprinklers**
Category **Code Compliance** System **Fire and Security**
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**
Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	2,793	SF	2.84	\$7,931
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	2,793	SF	0.64	\$1,787
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	10,053	SF	4.02	\$40,413

Sub Total		\$50,131
Construction Adjustment	35%	17,295
Construction Cost		\$67,426
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	32,668
Total Estimated Amount		\$100,094

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 5**

Deficiency:

Assess ID **68790** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M54-02**
Status **Estimated** FCI **Yes**
Life Cycle **17069**

Deficiency **Controls Require Repair**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Fix Pneumatic Controls** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230943100280	Pneumatic control system, heating & ventilating, split system, mixed air control, enthalpy cycle, panel readout, tubing, 10 to 20 tons, including nominal 50' of tubing	0	Ea.	9,650.00	\$3,750

Sub Total		\$3,750
Construction Adjustment	35%	1,294
Construction Cost		\$5,043
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	2,444
Total Estimated Amount		\$7,487

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 5**

Deficiency:

Assess ID **68792** Surveyor/Update **Sherry Sims**
Deficiency Code ID **M80-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Repair HVAC Piping**

Category **Deferred Maintenance** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Repair HVAC piping** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220719300172	Pipe insulation protective jacketing, PVC, white, 48" lengths, 20 mil thick, 7" ID, cut from roll goods, size based on OD of insulation	204	LF	7.85	\$1,601
U	230713109600	Duct thermal insulation, pipe covering (price copper tube one size less than I.F.S.), minimum labor/equipment charge	1	Job	183.00	\$249
U	220529108850	Pipe / duct, hanger / support, cable with hook terminal, 100 lb. capacity, .079" dia. cable, 6.6' length, wire cable support system, includes locking device	20	Ea.	12.05	\$246
U	220505102156	Pipe, metal pipe, 30" thru 36" diameter, selective demolition	204	LF	52.50	\$10,710
U	220505101980	Pipe hanger / support, selective demolition	20	Ea.	9.00	\$184

Sub Total	\$12,990
Construction Adjustment	35% 4,481
Construction Cost	\$17,471
Adjustment Factor	0% 0
Soft Cost Adjustment	48% 8,465
Total Estimated Amount	\$25,936

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 5**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68797** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **17072**

Deficiency **Install Fire Sprinklers**
Category **Code Compliance** System **Fire and Security**
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**
Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	1,133	SF	2.84	\$3,219
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	1,133	SF	0.64	\$725
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	4,080	SF	4.02	\$16,402

Sub Total		\$20,346
Construction Adjustment	35%	7,019
Construction Cost		\$27,365
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	13,258
Total Estimated Amount		<u>\$40,623</u>

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 6**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68799** Surveyor/Update **Chris Taylor**
Deficiency Code ID **M04-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Exterior Air Handler Is Damaged And Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 10,000 CFM Exterior Air Handler** Quantity / UoM

Project(s) Note **4000 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820
U	237413103250	Air handling unit, packaged weatherproof, with cooling/heating coil section, filters, mixing box, variable air volume, single zone, 10,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	75,000.00	\$75,000

Sub Total	\$75,820
Construction Adjustment	35% 26,158
Construction Cost	\$101,978
Adjustment Factor	70% 71,385
Soft Cost Adjustment	48% 49,408
Total Estimated Amount	<u>\$222,771</u>

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 6**

Deficiency Detail

1/19/2016 1:31 PM

Deficiency:

Assess ID **68801** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M54-02**
Status **Estimated** FCI **Yes**
Life Cycle **17044**

Deficiency **Controls Require Repair**
Category **Deferred Maintenance** System **Mechanical**
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**
Correction **Fix Pneumatic Controls** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230943100280	Pneumatic control system, heating & ventilating, split system, mixed air control, enthalpy cycle, panel readout, tubing, 10 to 20 tons, including nominal 50' of tubing	0	Ea.	9,650.00	\$3,082

Sub Total		\$3,082
Construction Adjustment	35%	1,063
Construction Cost		\$4,145
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	2,008
Total Estimated Amount		\$6,153

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 6**

Deficiency:

Assess ID **68802** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M59-03**
Status **Estimated** FCI **Yes**
Life Cycle **17046**

Deficiency **Ductwork Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Ductwork** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	090505101540	Ceiling demolition, ceiling tile, wood fiber, stapled, 12" x 12", remove	480	SF	0.64	\$307
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	480	SF	2.82	\$1,354
U	230505101590	Ductwork, spiral wound, prefabricated, selective demolition	51	LF	3.11	\$157
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	120	Lb	7.70	\$924

Sub Total		\$2,742
Construction Adjustment	35%	946
Construction Cost		\$3,688
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	1,787
Total Estimated Amount		\$5,475

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 6**

Deficiency:

Assess ID **68805** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-02C**
Status **Estimated** FCI **Yes**
Life Cycle **17047**

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace 5000 CFM Air Handler** Quantity / UoM

Project(s) Note **4000 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	26,000.00	\$26,000
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	1	Day	1,600.00	\$1,600
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	250	Lb	13.40	\$3,350
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	1	Ea.	330.00	\$330

Sub Total		\$32,100
Construction Adjustment	35%	11,074
Construction Cost		\$43,174
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	20,918
Total Estimated Amount		\$64,093

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 6**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68808** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **17048**

Deficiency **Install Fire Sprinklers**
Category **Code Compliance** System **Fire and Security**
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**
Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	987	SF	2.84	\$2,803
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	987	SF	0.64	\$632
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	3,553	SF	4.02	\$14,283

Sub Total		\$17,718
Construction Adjustment	35%	6,113
Construction Cost		\$23,830
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	11,546
Total Estimated Amount		\$35,376

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 7**

Deficiency:

Assess ID **68812** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M54-02**
Status **Estimated** FCI **Yes**
Life Cycle **17009**

Deficiency **Controls Require Repair**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Fix Pneumatic Controls** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230943100280	Pneumatic control system, heating & ventilating, split system, mixed air control, enthalpy cycle, panel readout, tubing, 10 to 20 tons, including nominal 50' of tubing	2	Ea.	9,650.00	\$19,254

Sub Total		\$19,254
Construction Adjustment	35%	6,643
Construction Cost		\$25,897
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	12,547
Total Estimated Amount		\$38,444

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 7**

Deficiency:

Assess ID **68813** Surveyor/Update **ZIndy Agredo**
 Deficiency Code ID **M59-03**
 Status **Estimated** FCI **Yes**
 Life Cycle **17011**

Deficiency **Ductwork Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Ductwork** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	090505101540	Ceiling demolition, ceiling tile, wood fiber, stapled, 12" x 12", remove	1,100	SF	0.64	\$704
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	1,100	SF	2.82	\$3,102
U	230505101590	Ductwork, spiral wound, prefabricated, selective demolition	116	LF	3.11	\$360
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	275	Lb	7.70	\$2,118

Sub Total		\$6,284
Construction Adjustment	35%	2,168
Construction Cost		\$8,451
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	4,095
Total Estimated Amount		\$12,546

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 7**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68824** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **17012**

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	5,819	SF	2.84	\$16,527
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	5,819	SF	0.64	\$3,724
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	20,950	SF	4.02	\$84,219
Sub Total						\$104,471
					Construction Adjustment	35% 36,042
Construction Cost						\$140,513
					Adjustment Factor	0% 0
					Soft Cost Adjustment	48% 68,079
Total Estimated Amount						\$208,592

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 8**

Deficiency:

Assess ID **68826** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M60-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Exhaust Fan Ventilation Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace Exhaust Fan** Quantity / UoM

Project(s) Note **5000 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230505102120	Fans, up thru 1 H.P. or 2000 CFM, selective demolition	6	Ea.	155.00	\$930
U	233423106180	Fans, propeller exhaust, wall shutter, direct drive, 1/4" S.P., two speed, 3275 CFM, 1/2 H.P.	6	Ea.	1,050.00	\$6,300
Sub Total						\$7,230
Construction Adjustment						35% 2,494
Construction Cost						\$9,724
Adjustment Factor						0% 0
Soft Cost Adjustment						48% 4,711
Total Estimated Amount						<u>\$14,436</u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 8**

Deficiency:

Assess ID **68829** Surveyor/Update **Zindy Agredo**
Defecency Code ID **M54-02**
Status **Estimated** FCI **Yes**
Life Cycle **16998**

Deficiency **Controls Require Repair**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Fix Pneumatic Controls** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230943100280	Pneumatic control system, heating & ventilating, split system, mixed air control, enthalpy cycle, panel readout, tubing, 10 to 20 tons, including nominal 50' of tubing	1	Ea.	9,650.00	\$7,282

Sub Total		\$7,282
Construction Adjustment	35%	2,512
Construction Cost		\$9,794
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	4,745
Total Estimated Amount		\$14,539

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 8**

Deficiency:

Assess ID **68830** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M59-03**
Status **Estimated** FCI **Yes**
Life Cycle **17000**

Deficiency **Ductwork Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Ductwork** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	090505101540	Ceiling demolition, ceiling tile, wood fiber, stapled, 12" x 12", remove	1,300	SF	0.64	\$832
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	1,300	SF	2.82	\$3,666
U	230505101590	Ductwork, spiral wound, prefabricated, selective demolition	137	LF	3.11	\$426
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	325	Lb	7.70	\$2,503

Sub Total		\$7,426
Construction Adjustment	35%	2,562
Construction Cost		\$9,988
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	4,839
Total Estimated Amount		\$14,827

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 8**

Deficiency:

Assess ID **68833** Surveyor/Update **Chris Taylor**
 Deficiency Code ID **M57-02C**
 Status **Estimated** FCI **Yes**
 Life Cycle

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace 5000 CFM Air Handler** Quantity / UoM

Project(s) Note **5000/10,000 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	500	Lb	13.40	\$6,700
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	2	Ea.	26,000.00	\$52,000
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	2	Ea.	820.00	\$1,640
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	2	Ea.	330.00	\$660
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	2	Day	1,600.00	\$3,200

Sub Total		\$64,200
Construction Adjustment	35%	22,149
Construction Cost		\$86,349
Adjustment Factor	70%	60,444
Soft Cost Adjustment	48%	41,836
Total Estimated Amount		\$188,629

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 8**

Deficiency:

Assess ID **68835** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-21c**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Duct Heater Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Learning Environment**

Correction **Replace Duct Heater** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	2	Ea.	2,825.00	\$5,650
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	2	Job	161.00	\$322
Sub Total						\$5,972
					Construction Adjustment	35% 2,060
					Construction Cost	\$8,032
					Adjustment Factor	0% 0
					Soft Cost Adjustment	48% 3,892
					Total Estimated Amount	\$11,924

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 8**

Deficiency:

Assess ID	68836	Surveyor/Update	Zindy Agredo
Deficiency Code ID	M80-03		
Status	Estimated	FCI	Yes
Life Cycle			

Deficiency **The Mechanical / HVAC Piping / System Is Beyond Its Useful Life**

Category	Deferred Maintenance	System	Mechanical
----------	-----------------------------	--------	-------------------

Priority	3-Short Term Conditions (2-3 Years)	Functional Adequacy	Non Related
----------	--	---------------------	--------------------

Correction	Replace HVAC Piping System (4-Pipe)	Quantity / UoM	
------------	--	----------------	--

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220719107568	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 1-1/2" iron pipe size	629	LF	10.60	\$6,665
U	220719107578	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 4" iron pipe size	126	LF	15.75	\$1,981
U	221113440590	Pipe, steel, black, threaded, 1-1/4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	629	LF	21.00	\$13,205
U	221113440650	Pipe, steel, black, threaded, 4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	126	LF	66.00	\$8,300
U	024113460100	Selective demolition, steel pipe with insulation, 3/4"-4", excludes excavation	755	LF	4.58	\$3,456

Sub Total		\$33,607
Construction Adjustment	35%	11,595
Construction Cost		\$45,202
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	21,900
Total Estimated Amount		\$67,102

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 8**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68837** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **17001**

Deficiency **Install Fire Sprinklers**
Category **Code Compliance** System **Fire and Security**
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**
Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	2,201	SF	2.84	\$6,250
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	2,201	SF	0.64	\$1,409
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	7,923	SF	4.02	\$31,850
Sub Total						\$39,509
					Construction Adjustment	35% 13,631
Construction Cost						\$53,140
					Adjustment Factor	0% 0
					Soft Cost Adjustment	48% 25,746
Total Estimated Amount						\$78,886

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 10**

Deficiency:

Assess ID **68846** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M54-02**
Status **Estimated** FCI **Yes**
Life Cycle **16939**

Deficiency **Controls Require Repair**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Fix Pneumatic Controls** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230943100280	Pneumatic control system, heating & ventilating, split system, mixed air control, enthalpy cycle, panel readout, tubing, 10 to 20 tons, including nominal 50' of tubing	1	Ea.	9,650.00	\$8,834

Sub Total		\$8,834
Construction Adjustment	35%	3,048
Construction Cost		\$11,882
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	5,757
Total Estimated Amount		\$17,638

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 10**

Deficiency:

Assess ID **68847** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M59-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Ductwork Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Ductwork** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	090505101540	Ceiling demolition, ceiling tile, wood fiber, stapled, 12" x 12", remove	1,000	SF	0.64	\$640
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	1,000	SF	2.82	\$2,820
U	230505101590	Ductwork, spiral wound, prefabricated, selective demolition	105	LF	3.11	\$327
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connector's field sketches, excludes as-built drawings and insulation	250	Lb	7.70	\$1,925

Sub Total		\$5,712
Construction Adjustment	35%	1,971
Construction Cost		\$7,683
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	3,722
Total Estimated Amount		\$11,406

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 10**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **68850** Surveyor/Update **Chris Taylor**
Deficiency Code ID **M57-02C**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace 5000 CFM Air Handler** Quantity / UoM

Project(s) Note **5000 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	2	Day	1,600.00	\$3,200
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	500	Lb	13.40	\$6,700
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	2	Ea.	26,000.00	\$52,000
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	2	Ea.	820.00	\$1,640
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	2	Ea.	330.00	\$660

Sub Total		\$64,200
Construction Adjustment	35%	22,149
Construction Cost		\$86,349
Adjustment Factor	70%	60,444
Soft Cost Adjustment	48%	41,836
Total Estimated Amount		<u>\$188,629</u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: Atlantic Technical College->Bldg 10

Deficiency:

Assess ID **68851** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-21c**
Status **Estimated** FCI **Yes**
Life Cycle **16916**

Deficiency **Duct Heater Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Learning Environment**

Correction **Replace Duct Heater** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 KW, 12" wide x 24" high	3	Ea.	2,825.00	\$8,475	
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	3	Job	161.00	\$483	
Sub Total						\$8,958	
					Construction Adjustment	35%	3,091
					Construction Cost		\$12,049
					Adjustment Factor	0%	0
					Soft Cost Adjustment	48%	5,838
					Total Estimated Amount		\$17,886

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 10**

Deficiency:

Assess ID **68852** Surveyor/Update **Zindy Agredo**
 Deficiency Code ID **M80-03**
 Status **Estimated** FCI **Yes**
 Life Cycle

Deficiency **The Mechanical / HVAC Piping / System Is Beyond Its Useful Life**

Category **Deferred Maintenance** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Piping System (4-Pipe)** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220719107568	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 1-1/2" iron pipe size	763	LF	10.60	\$8,086
U	220719107578	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 4" iron pipe size	153	LF	15.75	\$2,403
U	221113440590	Pipe, steel, black, threaded, 1-1/4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	763	LF	21.00	\$16,020
U	221113440650	Pipe, steel, black, threaded, 4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	153	LF	66.00	\$10,070
U	024113460100	Selective demolition, steel pipe with insulation, 3/4"-4", excludes excavation	915	LF	4.58	\$4,193

Sub Total		\$40,772
Construction Adjustment	35%	14,066
Construction Cost		\$54,838
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	26,569
Total Estimated Amount		\$81,407

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 10**

Deficiency:

Assess ID **68854** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **16941**

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	2,670	SF	2.84	\$7,583
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	2,670	SF	0.64	\$1,709
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	9,612	SF	4.02	\$38,640

Sub Total		\$47,932
Construction Adjustment	35%	16,536
Construction Cost		\$64,468
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	31,235
Total Estimated Amount		\$95,703

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 11**

Deficiency:

Assess ID **68855** Surveyor/Update **Chris Taylor**
Deficiency Code ID **M04-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Exterior Air Handler Is Damaged And Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 10,000 CFM Exterior Air Handler** Quantity / UoM

Project(s) Note **4000/8000**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	2	Ea.	820.00	\$1,640
U	237413103250	Air handling unit, packaged weatherproof, with cooling/heating coil section, filters, mixing box, variable air volume, single zone, 10,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	2	Ea.	75,000.00	\$150,000

Sub Total		\$151,640
Construction Adjustment	35%	52,316
Construction Cost		\$203,956
Adjustment Factor	70%	142,769
Soft Cost Adjustment	48%	98,817
Total Estimated Amount		\$445,541

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 11**

Deficiency:

Assess ID **68857** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M60-03**
Status **Estimated** FCI **Yes**
Life Cycle **16885**

Deficiency **Exhaust Fan Ventilation Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace Exhaust Fan** Quantity / UoM

Project(s) Note **5000**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230505102120	Fans, up thru 1 H.P. or 2000 CFM, selective demolition	6	Ea.	155.00	\$930
U	233423106180	Fans, propeller exhaust, wall shutter, direct drive, 1/4" S.P., two speed, 3275 CFM, 1/2 H.P.	6	Ea.	1,050.00	\$6,300
Sub Total						\$7,230
Construction Adjustment					35%	2,494
Construction Cost						\$9,724
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	4,711
Total Estimated Amount						\$14,436

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 11**

Deficiency:

Assess ID **68902** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M54-02**
Status **Estimated** FCI **Yes**
Life Cycle **16906**

Deficiency **Controls Require Repair**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Fix Pneumatic Controls** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230943100280	Pneumatic control system, heating & ventilating, split system, mixed air control, enthalpy cycle, panel readout, tubing, 10 to 20 tons, including nominal 50' of tubing	1	Ea.	9,650.00	\$6,548

Sub Total		\$6,548
Construction Adjustment	35%	2,259
Construction Cost		\$8,807
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	4,267
Total Estimated Amount		<u><u>\$13,075</u></u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 11**

Deficiency:

Assess ID **68903** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M59-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Ductwork Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Ductwork** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	090505101540	Ceiling demolition, ceiling tile, wood fiber, stapled, 12" x 12", remove	600	SF	0.64	\$384
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	600	SF	2.82	\$1,692
U	230505101590	Ductwork, spiral wound, prefabricated, selective demolition	63	LF	3.11	\$196
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	150	Lb	7.70	\$1,155

Sub Total	\$3,427
Construction Adjustment	35% 1,182
Construction Cost	\$4,610
Adjustment Factor	0% 0
Soft Cost Adjustment	48% 2,233
Total Estimated Amount	\$6,843

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/19/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 11**

Deficiency:

Assess ID **68908** Surveyor/Update **Chris Taylor**
 Deficiency Code ID **M57-02C**
 Status **Estimated** FCI **Yes**
 Life Cycle **16888**

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace 5000 CFM Air Handler** Quantity / UoM

Project(s) Note **4000 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	2	Day	1,600.00	\$3,200
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	500	Lb	13.40	\$6,700
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	2	Ea.	26,000.00	\$52,000
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	2	Ea.	820.00	\$1,640
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	2	Ea.	330.00	\$660

Sub Total		\$64,200
Construction Adjustment	35%	22,149
Construction Cost		\$86,349
Adjustment Factor	70%	60,444
Soft Cost Adjustment	48%	41,836
Total Estimated Amount		<u>\$188,629</u>

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 11**

Deficiency:

Assess ID **68911** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-21c**
Status **Estimated** FCI **Yes**
Life Cycle **16884**

Deficiency **Duct Heater Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Learning Environment**

Correction **Replace Duct Heater** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	2	Ea.	2,825.00	\$5,650
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	2	Job	161.00	\$322
Sub Total						\$5,972
					Construction Adjustment	35% 2,060
Construction Cost						\$8,032
					Adjustment Factor	0% 0
					Soft Cost Adjustment	48% 3,892
Total Estimated Amount						\$11,924

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 11**

Deficiency:

Assess ID **68913** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M80-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Mechanical / HVAC Piping / System Is Beyond Its Useful Life**

Category **Deferred Maintenance** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Piping System (4-Pipe)** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220719107568	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 1-1/2" iron pipe size	565	LF	10.60	\$5,994
U	220719107578	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 4" iron pipe size	113	LF	15.75	\$1,781
U	221113440590	Pipe, steel, black, threaded, 1-1/4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	565	LF	21.00	\$11,875
U	221113440650	Pipe, steel, black, threaded, 4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	113	LF	66.00	\$7,464
U	024113460100	Selective demolition, steel pipe with insulation, 3/4"-4", excludes excavation	679	LF	4.58	\$3,108

Sub Total		\$30,222
Construction Adjustment	35%	10,427
Construction Cost		\$40,649
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	19,695
Total Estimated Amount		<u><u>\$60,344</u></u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 11**

Deficiency:

Assess ID **68919** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	1,979	SF	2.84	\$5,621
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	1,979	SF	0.64	\$1,267
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	7,125	SF	4.02	\$28,643
Sub Total						\$35,530
Construction Adjustment					35%	12,258
Construction Cost						\$47,788
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	23,153
Total Estimated Amount						\$70,941

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID	68922	Surveyor/Update	ZIndy Agredo
Deficiency Code ID	M02-03		
Status	Estimated	FCI	Yes
Life Cycle			

Deficiency **The Exterior Condenser Requires Replacement**

Category	Capital Renewal	System	Mechanical
Priority	1-Mission Critical Concerns	Functional Adequacy	Non Related
Correction	Replace 3 ton Exterior Condenser	Quantity / UoM	
Project(s) Note	5 tons		

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	236313101630	Condenser ratings are for air cooled, direct drive, propeller fan, 30Deg.F temperature difference, 3 ton, R-22	1	Ea.	1,725.00	\$1,725
U	230505109000	HVAC, selective demolition, minimum labor/equipment charge	1	Job	680.00	\$680
Sub Total						\$2,405
Construction Adjustment					35%	830
Construction Cost						\$3,235
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	1,567
Total Estimated Amount						<u><u>\$4,802</u></u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID **68929** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M59-03**
Status **Estimated** FCI **Yes**
Life Cycle **16818**

Deficiency **Ductwork Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Ductwork** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	090505101540	Ceiling demolition, ceiling tile, wood fiber, stapled, 12" x 12", remove	1,400	SF	0.64	\$896
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	1,400	SF	2.82	\$3,948
U	230505101590	Ductwork, spiral wound, prefabricated, selective demolition	147	LF	3.11	\$458
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	350	Lb	7.70	\$2,695

Sub Total	\$7,997
Construction Adjustment	35% 2,759
Construction Cost	\$10,756
Adjustment Factor	0% 0
Soft Cost Adjustment	48% 5,211
Total Estimated Amount	\$15,968

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID **68937** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M80-03**
Status **Estimated** FCI **Yes**
Life Cycle **16817**

Deficiency **The Mechanical / HVAC Piping / System Is Beyond Its Useful Life**

Category **Deferred Maintenance** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Piping System (4-Pipe)** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220719107568	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 1-1/2" iron pipe size	866	LF	10.60	\$9,177
U	220719107578	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 4" iron pipe size	173	LF	15.75	\$2,727
U	221113440590	Pipe, steel, black, threaded, 1-1/4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	866	LF	21.00	\$18,180
U	221113440650	Pipe, steel, black, threaded, 4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	173	LF	66.00	\$11,427
U	024113460100	Selective demolition, steel pipe with insulation, 3/4"-4", excludes excavation	1,039	LF	4.58	\$4,758

Sub Total		\$46,269
Construction Adjustment	35%	15,963
Construction Cost		\$62,232
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	30,151
Total Estimated Amount		\$92,383

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID **68942** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **16819**

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	3,030	SF	2.84	\$8,605
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	3,030	SF	0.64	\$1,939
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	10,908	SF	4.02	\$43,850
Sub Total						\$54,395
Construction Adjustment						35% 18,766
Construction Cost						\$73,161
Adjustment Factor						0% 0
Soft Cost Adjustment						48% 35,446
Total Estimated Amount						\$108,607

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 13**

Deficiency:

Assess ID **68944** Surveyor/Update **ZIndy Agredo**
Deficiency Code ID **M60-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Exhaust Fan Ventilation Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace Exhaust Fan** Quantity / UoM

Project(s) Note **500 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230505102120	Fans, up thru 1 H.P. or 2000 CFM, selective demolition	4	Ea.	155.00	\$620
U	233423106180	Fans, propeller exhaust, wall shutter, direct drive, 1/4" S.P., two speed, 3275 CFM, 1/2 H.P.	4	Ea.	1,050.00	\$4,200
Sub Total						\$4,820
Construction Adjustment					35%	1,663
Construction Cost						\$6,483
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	3,141
Total Estimated Amount						\$9,624

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/19/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 13**

Deficiency:

Assess ID **68947** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-02C**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace 5000 CFM Air Handler** Quantity / UoM

Project(s) Note **7500 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	26,000.00	\$26,000
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	1	Day	1,600.00	\$1,600
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	250	Lb	13.40	\$3,350
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	1	Ea.	330.00	\$330

Sub Total		\$32,100
Construction Adjustment	35%	11,074
Construction Cost		\$43,174
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	20,918
Total Estimated Amount		\$64,093

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 13**

Deficiency:

Assess ID **68950** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-21c**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Duct Heater Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Learning Environment**

Correction **Replace Duct Heater** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	1	Ea.	2,825.00	\$2,825
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	1	Job	161.00	\$161

Sub Total		\$2,986
Construction Adjustment	35%	1,030
Construction Cost		\$4,016
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	1,946
Total Estimated Amount		\$5,962

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 13**

Deficiency:

Assess ID **68970** Surveyor/Update **Zindy Agredo**
 Deficiency Code ID **BP20-01**
 Status **Estimated** FCI **Yes**
 Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	3,176	SF	2.84	\$9,019
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	3,176	SF	0.64	\$2,033
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	11,433	SF	4.02	\$45,961

Sub Total	\$57,013
Construction Adjustment 35%	19,669
Construction Cost	\$76,682
Adjustment Factor 0%	0
Soft Cost Adjustment 48%	37,152
Total Estimated Amount	\$113,834

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID **68971** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M60-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Exhaust Fan Ventilation Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace Exhaust Fan** Quantity / UoM

Project(s) Note **500 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
U	230505102120	Fans, up thru 1 H.P. or 2000 CFM, selective demolition	3	Ea.	155.00	\$465	
U	233423106180	Fans, propeller exhaust, wall shutter, direct drive, 1/4" S.P., two speed, 3275 CFM, 1/2 H.P.	3	Ea.	1,050.00	\$3,150	
Sub Total						\$3,615	
					Construction Adjustment	35%	1,247
					Construction Cost		\$4,862
					Adjustment Factor	0%	0
					Soft Cost Adjustment	48%	2,356
					Total Estimated Amount		<u>\$7,218</u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID **68972** Surveyor/Update **ZIndy Agredo**
Deficiency Code ID **M54-02**
Status **Estimated** FCI **Yes**
Life Cycle **16760**

Deficiency **Controls Require Repair**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Fix Pneumatic Controls** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230943100280	Pneumatic control system, heating & ventilating, split system, mixed air control, enthalpy cycle, panel readout, tubing, 10 to 20 tons, including nominal 50' of tubing	0	Ea.	9,650.00	\$4,652

Sub Total		\$4,652
Construction Adjustment	35%	1,605
Construction Cost		\$6,257
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	3,032
Total Estimated Amount		<u>\$9,289</u>

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID **68975** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **16763**

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	1,406	SF	2.84	\$3,993
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	1,406	SF	0.64	\$900
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	5,062	SF	4.02	\$20,349
Sub Total						\$25,243
					Construction Adjustment	35% 8,709
Construction Cost						\$33,951
					Adjustment Factor	0% 0
					Soft Cost Adjustment	48% 16,449
Total Estimated Amount						\$50,401

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 15**

Deficiency:

Assess ID **68976** Surveyor/Update **Chris Taylor**
Deficiency Code ID **M04-03**
Status **Estimated** FCI **Yes**
Life Cycle **16744**

Deficiency **The Exterior Air Handler Is Damaged And Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 10,000 CFM Exterior Air Handler** Quantity / UoM

Project(s) Note **7500 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820
U	237413103250	Air handling unit, packaged weatherproof, with cooling/heating coil section, filters, mixing box, variable air volume, single zone, 10,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	75,000.00	\$75,000

Sub Total		\$75,820
Construction Adjustment	35%	26,158
Construction Cost		\$101,978
Adjustment Factor	70%	71,385
Soft Cost Adjustment	48%	49,408
Total Estimated Amount		<u>\$222,771</u>

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 15**

Deficiency:

Assess ID **68977** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-02C**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace 5000 CFM Air Handler** Quantity / UoM

Project(s) Note **7500 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	26,000.00	\$26,000
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	1	Day	1,600.00	\$1,600
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	250	Lb	13.40	\$3,350
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	1	Ea.	330.00	\$330

Sub Total		\$32,100
Construction Adjustment	35%	11,074
Construction Cost		\$43,174
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	20,918
Total Estimated Amount		\$64,093

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 15**

Deficiency:

Assess ID **68981** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **16694**

Deficiency **Install Fire Sprinklers**
Category **Code Compliance** System **Fire and Security**
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**
Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	4,418	SF	2.84	\$12,548
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	4,418	SF	0.64	\$2,828
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	15,906	SF	4.02	\$63,942
Sub Total						\$79,318
Construction Adjustment						35% 27,365
Construction Cost						\$106,683
Adjustment Factor						0% 0
Soft Cost Adjustment						48% 51,688
Total Estimated Amount						\$158,370

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 17**

Deficiency:

Assess ID **68982** Surveyor/Update **ZIndy Agredo**
Deficiency Code ID **M02-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Exterior Condenser Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Replace 3 ton Exterior Condenser** Quantity / UoM

Project(s) Note **3.5 = 7.0 tonAC**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	236313101630	Condenser, ratings are for air cooled, direct drive, propeller fan, 30Deg.F temperature difference, 3 ton, R-22	2	Ea.	1,725.00	\$3,450
U	230505109000	HVAC, selective demolition, minimum labor/equipment charge	2	Job	680.00	\$1,360
Sub Total						\$4,810
Construction Adjustment					35%	1,659
Construction Cost						\$6,469
Adjustment Factor					0%	0
Soft Cost Adjustment					48%	3,134
Total Estimated Amount						\$9,604

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 17**

Deficiency:

Assess ID **68983** Surveyor/Update **Chris Taylor**
Deficiency Code ID **M57-02C**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace 5000 CFM Air Handler** Quantity / UoM

Project(s) Note **4000 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	500	Lb	13.40	\$6,700
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	2	Ea.	26,000.00	\$52,000
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	2	Ea.	820.00	\$1,640
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	2	Ea.	330.00	\$660
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	2	Day	1,600.00	\$3,200

Sub Total		\$64,200
Construction Adjustment	35%	22,149
Construction Cost		\$86,349
Adjustment Factor	70%	60,444
Soft Cost Adjustment	48%	41,836
Total Estimated Amount		\$188,629

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 17**

Deficiency:

Assess ID **68984** Surveyor/Update **ZIndy Agredo**
Deficiency Code ID **M57-21c**
Status **Estimated** FCI **Yes**
Life Cycle **16635**

Deficiency **Duct Heater Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Learning Environment**

Correction **Replace Duct Heater** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	2	Ea.	2,825.00	\$5,650	
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	2	Job	161.00	\$322	
Sub Total						\$5,972	
					Construction Adjustment	35%	2,060
					Construction Cost		\$8,032
					Adjustment Factor	0%	0
					Soft Cost Adjustment	48%	3,892
					Total Estimated Amount		\$11,924

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 17**

Deficiency:

Assess ID **68989** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **16676**

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	3,285	SF	2.84	\$9,330
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	3,285	SF	0.64	\$2,103
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	11,827	SF	4.02	\$47,545

Sub Total	\$58,977
Construction Adjustment	35% 20,347
Construction Cost	\$79,324
Adjustment Factor	0% 0
Soft Cost Adjustment	48% 38,433
Total Estimated Amount	\$117,757

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 18**

Deficiency:

Assess ID **68991** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M02-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Exterior Condenser Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Replace 3 ton Exterior Condenser** Quantity / UoM

Project(s) Note **5 ton**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
U	236313101630	Condenser, ratings are for air cooled, direct drive, propeller fan, 30Deg.F temperature difference, 3 ton, R-22	2	Ea.	1,725.00	\$3,450	
U	230505109000	HVAC, selective demolition, minimum labor/equipment charge	2	Job	680.00	\$1,360	
Sub Total						\$4,810	
					Construction Adjustment	35%	1,659
					Construction Cost		\$6,469
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	2,949
					Total Estimated Amount		<u>\$9,418</u>

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 18**

Deficiency:

Assess ID **68995** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M54-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Controls Require Repair**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Fix Pneumatic Controls** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	230943100280	Pneumatic control system, heating & ventilating, split system, mixed air control, enthalpy cycle, panel readout, tubing, 10 to 20 tons, including nominal 50' of tubing	1	Ea.	9,650.00	\$5,143

Sub Total		\$5,143
Construction Adjustment	35%	1,774
Construction Cost		\$6,917
Adjustment Factor	0%	0
Soft Cost Adjustment	46%	3,153
Total Estimated Amount		<u><u>\$10,070</u></u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 18**

Deficiency:

Assess ID **68996** Surveyor/Update **Chris Taylor**
Deficiency Code ID **M57-02C**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace 5000 CFM Air Handler** Quantity / UoM

Project(s) Note **5000 cfm**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	2	Day	1,600.00	\$3,200
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	500	Lb	13.40	\$6,700
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	2	Ea.	26,000.00	\$52,000
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	2	Ea.	820.00	\$1,640
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	2	Ea.	330.00	\$660

Sub Total	\$64,200
Construction Adjustment	35% 22,149
Construction Cost	\$86,349
Adjustment Factor	70% 60,444
Soft Cost Adjustment	46% 39,358
Total Estimated Amount	\$186,151

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 18**

Deficiency:

Assess ID **68998** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-21c**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Duct Heater Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Learning Environment**

Correction **Replace Duct Heater** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	2	Ea.	2,825.00	\$5,650
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	2	Job	161.00	\$322

Sub Total		\$5,972
Construction Adjustment	35%	2,060
Construction Cost		\$8,032
Adjustment Factor	0%	0
Soft Cost Adjustment	46%	3,661
Total Estimated Amount		\$11,693

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 18**

Deficiency:

Assess ID **69005** Surveyor/Update **Zindy Agredo**
Defecency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **16620**

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	1,554	SF	2.84	\$4,415
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	1,554	SF	0.64	\$995
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	5,596	SF	4.02	\$22,496

Sub Total		\$27,905
Construction Adjustment	35%	9,627
Construction Cost		\$37,533
Adjustment Factor	0%	0
Soft Cost Adjustment	46%	17,107
Total Estimated Amount		\$54,640

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Lab**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **69009** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M59-03**
Status **Estimated** FCI **Yes**
Life Cycle **16587**

Deficiency Ductwork Requires Replacement

Category **Capital Renewal** System **Mechanical**
Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**
Correction **Replace HVAC Ductwork** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	090505101540	Ceiling demolition, ceiling tile, wood fiber, stapled, 12" x 12", remove	1,500	SF	0.64	\$960
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	1,500	SF	2.82	\$4,230
U	230505101590	Ductwork, spiral wound, prefabricated, selective demolition	158	LF	3.11	\$491
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	375	Lb	7.70	\$2,888

Sub Total	\$8,569
Construction Adjustment	35% 2,956
Construction Cost	\$11,525
Adjustment Factor	0% 0
Soft Cost Adjustment	46% 5,253
Total Estimated Amount	\$16,778

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID **69013** Surveyor/Update **Zindy Agredo**
Defecency Code ID **M57-21c**
Status **Estimated** FCI **Yes**
Life Cycle **16545**

Deficiency **Duct Heater Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Learning Environment**

Correction **Replace Duct Heater** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	1	Ea.	2,825.00	\$2,825
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	1	Job	161.00	\$161
Sub Total						\$2,986
Construction Adjustment						35% 1,030
Construction Cost						\$4,016
Adjustment Factor						0% 0
Soft Cost Adjustment						46% 1,831
Total Estimated Amount						<u>\$5,847</u>

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID	69015	Surveyor/Update	Zindy Agredo
Deficiency Code ID	M80-03		
Status	Estimated	FCI	Yes
Life Cycle			

Deficiency **The Mechanical / HVAC Piping / System Is Beyond Its Useful Life**

Category **Deferred Maintenance** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Piping System (4-Pipe)** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220719107568	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 1-1/2" iron pipe size	708	LF	10.60	\$7,509
U	220719107578	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 4" iron pipe size	142	LF	15.75	\$2,232
U	221113440590	Pipe, steel, black, threaded, 1-1/4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	708	LF	21.00	\$14,877
U	221113440650	Pipe, steel, black, threaded, 4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	142	LF	66.00	\$9,351
U	024113460100	Selective demolition, steel pipe with insulation, 3/4"-4", excludes excavation	850	LF	4.58	\$3,893

Sub Total		\$37,862
Construction Adjustment	35%	13,062
Construction Cost		\$50,924
Adjustment Factor	0%	0
Soft Cost Adjustment	46%	23,211
Total Estimated Amount		\$74,135

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID **69017** Surveyor/Update **ZIndy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **16588**

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	2,479	SF	2.84	\$7,042
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	2,479	SF	0.64	\$1,587
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	8,926	SF	4.02	\$35,883
Sub Total						\$44,511
					Construction Adjustment	35% 15,356
Construction Cost						\$59,867
					Adjustment Factor	0% 0
					Soft Cost Adjustment	46% 27,288
Total Estimated Amount						\$87,155

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 20**

Deficiency:

Assess ID **69018** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M06-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Exterior Metal Cooling Tower Is Damaged And Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 130 Ton Exterior Metal Cooling Tower** Quantity / UoM

Project(s) Note **20=20tonAC**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	015436502200	Mobilization or demobilization, crane, crawler-mounted, up to 75 ton	1	Ea.	1,125.00	\$1,125
U	236513100250	Cooling tower, packaged unit, galvanized steel, induced draft, crossflow, vertical, belt drive, 131 ton, includes standard controls, excludes pumps and piping	130	TonAC	251.00	\$32,630
U	260580102055	Motor connections, flexible conduit and fittings, 3 phase, seal/tite, 460 volt, 150 HP motor	1	Ea.	480.00	\$480
U	230505100700	Cooling tower, up thru 400 ton, selective demolition	1	Ea.	2,550.00	\$2,550
Sub Total						\$36,785
					Construction Adjustment	35% 12,691
Construction Cost						\$49,476
					Adjustment Factor	0% 0
					Soft Cost Adjustment	46% 22,551
Total Estimated Amount						\$72,027

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 20**

Deficiency:

Assess ID **69019** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M21-03**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Roof Condenser Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace Rooftop Condenser** Quantity / UoM

Project(s) Note **5.0=5.0 ton AC**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	015436502000	Mobilization or demobilization, crane, truck-mounted, up to 75 ton, (driver only, one-way)	1	Ea.	88.50	\$89
U	260580101600	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 125 HP motor	0	Ea.	415.00	\$83
U	236313101640	Condenser, ratings are for air cooled, direct drive, propeller fan, 30Deg.F temperature difference, 5 ton, R-22, replace unit	0	Ea.	2,775.00	\$555
U	230505100150	Air conditioner, split unit air conditioner, package unit, 3 ton, selective demolition	0	Ea.	680.00	\$227

Sub Total		\$953
Construction Adjustment	35%	329
Construction Cost		\$1,282
Adjustment Factor	0%	0
Soft Cost Adjustment	46%	584
Total Estimated Amount		<u>\$1,866</u>

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 20**

Deficiency:

Assess ID **69020** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **m57-20c**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Small HVAC Circulating Pump Requires Replacement**

Category **Deferred Maintenance** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace Small (5HP or Less) Circulating Pump** Quantity / UoM

Project(s) Note **10 hp**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220505102184	Pump, 1 H.P. thru 5 H.P., selective demolition	1	Ea.	216.00	\$216
U	232123134300	Pump, circulating, cast iron, close coupled, end suction, bronze impeller, flanged joints, 5 H.P., to 225 GPM, 3" size	1	Ea.	4,425.00	\$4,425

Sub Total		\$4,641
Construction Adjustment	35%	1,601
Construction Cost		\$6,242
Adjustment Factor	0%	0
Soft Cost Adjustment	46%	2,845
Total Estimated Amount		<u>\$9,087</u>

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 20**

Deficiency:

Assess ID **69022** Surveyor/Update **ZIndy Agredo**
Deficiency Code ID **M57-21c**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Duct Heater Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Learning Environment**

Correction **Replace Duct Heater** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	238216200360	Duct heater electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	2	Ea.	2,825.00	\$5,650
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	2	Job	161.00	\$322

Sub Total		\$5,972
Construction Adjustment	35%	2,060
Construction Cost		\$8,032
Adjustment Factor	0%	0
Soft Cost Adjustment	46%	3,661
Total Estimated Amount		\$11,693

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College
Location: **Atlantic Technical College->Bldg 20**

1/18/2016 1:31 PM

Deficiency:

Assess ID **69026** Surveyor/Update **ZIndy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle **16528**

Deficiency **Install Fire Sprinklers**
Category **Code Compliance** System **Fire and Security**
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**
Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	1,539	SF	2.84	\$4,372
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	1,539	SF	0.64	\$985
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	5,542	SF	4.02	\$22,279
Sub Total						\$27,636
Construction Adjustment					35%	9,534
Construction Cost						\$37,171
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	16,942
Total Estimated Amount						\$54,113

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg Support**

Deficiency:

Assess ID **69027** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-24c**
Status **Estimated** FCI **Yes**
Life Cycle **16513**

Deficiency **Large HVAC Circulating Pump Requires Replacement**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace Large (10 HP) Circulating Pump** Quantity / UoM

Project(s) Note **20 hp**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	232123134520	Pump, circulating, cast iron, close coupled, end suction, bronze impeller, flanged joints, 10 H.P., to 600 GPM, 4" size	3	Ea.	6,700.00	\$20,100
U	220505102186	Pump, 7-1/2 H.P. thru 15 H.P., selective demolition	3	Ea.	515.00	\$1,545
Sub Total						\$21,645
Construction Adjustment					35%	7,468
Construction Cost						\$29,113
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	13,269
Total Estimated Amount						<u><u>\$42,382</u></u>

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID **69064** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M80-03**
Status **Estimated** FCI **Yes**
Life Cycle **16761**

Deficiency **The Mechanical / HVAC Piping / System Is Beyond Its Useful Life**

Category **Deferred Maintenance** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Piping System (4-Pipe)** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220719107568	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 1-1/2" iron pipe size	402	LF	10.60	\$4,259
U	220719107578	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 4" iron pipe size	80	LF	15.75	\$1,266
U	221113440590	Pipe, steel, black, threaded, 1-1/4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	402	LF	21.00	\$8,437
U	221113440650	Pipe, steel, black, threaded, 4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	80	LF	66.00	\$5,303
U	024113460100	Selective demolition, steel pipe with insulation, 3/4"-4", excludes excavation	482	LF	4.58	\$2,208

Sub Total	\$21,472
Construction Adjustment	35% 7,408
Construction Cost	\$28,879
Adjustment Factor	0% 0
Soft Cost Adjustment	48% 13,992
Total Estimated Amount	\$42,872

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lockers**

Deficiency:

Assess ID **69075** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **BP20-01**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Install Fire Sprinklers**
Category **Code Compliance** System **Fire and Security**
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**
Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	234	SF	2.84	\$664
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	234	SF	0.64	\$150
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	842	SF	4.02	\$3,385
Sub Total						\$4,199
Construction Adjustment						35% 1,449
Construction Cost						\$5,647
Adjustment Factor						0% 0
Soft Cost Adjustment						48% 2,736
Total Estimated Amount						<u>\$8,383</u>

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 6**

Deficiency:

Assess ID **69124** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-21c**
Status **Estimated** FCI **Yes**
Life Cycle **17043**

Deficiency **Duct Heater Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Learning Environment**

Correction **Replace Duct Heater** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	1	Ea.	2,825.00	\$2,825
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	1	Job	161.00	\$161
Sub Total						\$2,986
					Construction Adjustment	35% 1,030
Construction Cost						\$4,016
					Adjustment Factor	0% 0
					Soft Cost Adjustment	48% 1,946
Total Estimated Amount						\$5,962

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 6**

Deficiency:

Assess ID **69130** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M80-03**
Status **Estimated** FCI **Yes**
Life Cycle **17045**

Deficiency **The Mechanical / HVAC Piping / System Is Beyond Its Useful Life**

Category **Deferred Maintenance** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Piping System (4-Pipe)** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	220719107568	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 1-1/2" iron pipe size	266	LF	10.60	\$2,821
U	220719107578	Insulation, pipe covering (price copper tube one size less than I.P.S.), fiberglass with all service jacket, 2-1/2" wall, 4" iron pipe size	53	LF	15.75	\$838
U	221113440590	Pipe, steel, black, threaded, 1-1/4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	266	LF	21.00	\$5,588
U	221113440650	Pipe, steel, black, threaded, 4" diameter, schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	53	LF	66.00	\$3,513
U	024113460100	Selective demolition, steel pipe with insulation, 3/4"-4", excludes excavation	319	LF	4.58	\$1,463

Sub Total		\$14,223
Construction Adjustment	35%	4,907
Construction Cost		\$19,129
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	9,268
Total Estimated Amount		\$28,398

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/19/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 5**

Deficiency:

Assess ID **69135** Surveyor/Update **Zindy Agredo**
Deficiency Code ID **M57-24c**
Status **Estimated** FCI **Yes**
Life Cycle **17080**

Deficiency **Large HVAC Circulating Pump Requires Replacement**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace Large (10 HP) Circulating Pump** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
U	232123134520	Pump, circulating, cast iron, close coupled, end suction, bronze impeller, flanged joints, 10 H.P., to 600 GPM, 4" size	1	Ea.	6,700.00	\$6,700	
U	220505102186	Pump, 7-1/2 H.P. thru 15 H.P., selective demolition	1	Ea.	515.00	\$515	
Sub Total						\$7,215	
					Construction Adjustment	35%	2,489
					Construction Cost		\$9,704
					Adjustment Factor	0%	0
					Soft Cost Adjustment	48%	4,702
					Total Estimated Amount		\$14,406

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID **221201** Surveyor/Update **Michelle Manke**
Deficiency Code ID **M20-01**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **The Small Diameter Exhausts/Hoods Require Replacement**

Category **Deferred Maintenance** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace Roof Exhaust/Hoods (<1' Dia)** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	260580100020	Motor connections, flexible conduit and fittings, 1 phase, 115 volt, up to 1 HP motor	1	Ea.	90.50	\$91
U	230505102120	Fans, up thru 1 H.P. or 2000 CFM, selective demolition	1	Ea.	155.00	\$155
U	233416107120	Fans, roof exhauster, centrifugal, aluminum housing, bird screen, back draft damper, direct drive, 1/4" S.P., 600 CFM, 12" galvanized curb, 11" sq. damper	1	Ea.	1,200.00	\$1,200

Sub Total	\$1,446
Construction Adjustment	35% 499
Construction Cost	\$1,944
Adjustment Factor	0% 0
Soft Cost Adjustment	42% 825
Total Estimated Amount	\$2,769

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Admin**

Deficiency:

Assess ID **223304** Surveyor/Update
Deficiency Code ID **BCRoof-01**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof Building** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based on BCPS experience	7.253	SF	6.25	\$45,331
Sub Total						\$45,331
Construction Adjustment						35% 15,639
Construction Cost						\$60,971
Adjustment Factor						0% 0
Soft Cost Adjustment						42% 25,876
Total Estimated Amount						\$86,846

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 2**

Deficiency:

Assess ID **223305** Surveyor/Update
Deficiency Code ID **BCRoof-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	13,619	SF	7.25	\$98,738
Sub Total						\$98,738
					Construction Adjustment	35% 34,065
					Construction Cost	\$132,802
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 56,361
					Total Estimated Amount	\$189,164

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 3**

Deficiency:

Assess ID **223307** Surveyor/Update
Deficiency Code ID **BCRoof-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	13,244	SF	7.25	\$96,019
			Sub Total			\$96,019
			Construction Adjustment		35%	33,127
			Construction Cost			\$129,146
			Adjustment Factor		0%	0
			Soft Cost Adjustment		42%	54,809
			Total Estimated Amount			\$183,955

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 5**

Deficiency:

Assess ID **223309** Surveyor/Update
Deficiency Code ID **BCRoof-01**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof Building** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based on BCPS experience	3,723	SF	6.25	\$23,269
Sub Total						\$23,269
Construction Adjustment						35% 8,028
Construction Cost						\$31,296
Adjustment Factor						0% 0
Soft Cost Adjustment						42% 13,282
Total Estimated Amount						\$44,579

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 6**

Deficiency:

Assess ID **223310** Surveyor/Update
Deficiency Code ID **BCRoof-01**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof Building** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
M		Estimate based on BCPS experience	3,353	SF	6.25	\$20,956	
Sub Total						\$20,956	
					Construction Adjustment	35%	7,230
Construction Cost						\$28,186	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	11,962
Total Estimated Amount						\$40,148	

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 7**

Deficiency:

Assess ID **223311** Surveyor/Update
Deficiency Code ID **BCRoof-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
M		Estimate based of BCPS experience	20,950	SF	7.25	\$151,888	
Sub Total						\$151,888	
					Construction Adjustment	35%	52,401
Construction Cost						\$204,289	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	86,700
Total Estimated Amount						\$290,989	

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lockers**

Deficiency:

Assess ID **223314** Surveyor/Update
Deficiency Code ID **BCRoof-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	802	SF	7.25	\$5,815
			Sub Total			\$5,815
			Construction Adjustment		35%	2,006
			Construction Cost			\$7,821
			Adjustment Factor		0%	0
			Soft Cost Adjustment		42%	3,319
			Total Estimated Amount			\$11,140

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 10**

Deficiency:

Assess ID **223316** Surveyor/Update
Defecency Code ID **BCRoof-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	8,700	SF	7.25	\$63,075
Sub Total						\$63,075
Construction Adjustment						35% 21,761
Construction Cost						\$84,836
Adjustment Factor						0% 0
Soft Cost Adjustmer						36,004
Total Estimated Amount						\$120,840

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 11**

Deficiency:

Assess ID **223317** Surveyor/Update **Sherry Sims**
Deficiency Code ID **BCRoof-01**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof Building** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based on BCPS experience	7,125	SF	6.25	\$44,531
			Sub Total			\$44,531
			Construction Adjustment		35%	15,363
			Construction Cost			\$59,895
			Adjustment Factor		0%	0
			Soft Cost Adjustment		42%	25,419
			Total Estimated Amount			\$85,314

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Lab**

Deficiency:

Assess ID **223318** Surveyor/Update
Deficiency Code ID **BCRoof-01**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing Required (Broward CPS)**
Category **Capital Renewal** System **Roofing**
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**
Correction **Reroof Building** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based on BCPS experience	10,389	SF	6.25	\$64,931
Sub Total						\$64,931
Construction Adjustment						35% 22,401
Construction Cost						\$87,333
Adjustment Factor						0% 0
Soft Cost Adjustment						42% 37,064
Total Estimated Amount						\$124,396

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 13**

Deficiency:

Assess ID **223319** Surveyor/Update
Deficiency Code ID **BCRoof-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	11,433	SF	7.25	\$82,889
Sub Total						\$82,889
					Construction Adjustment	35% 28,597
					Construction Cost	\$111,486
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 47,315
					Total Estimated Amount	\$158,801

Broward County Public Schools
290 Atlantic Technical College
Location: **Atlantic Technical College->Lab**

Deficiency Detail

1/18/2016 1:31 PM

Deficiency:

Assess ID **223320** Surveyor/Update
Deficiency Code ID **BCRoof-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**
Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	5,062	SF	7.25	\$36,700
Sub Total						\$36,700
Construction Adjustment						35% 12,661
Construction Cost						\$49,361
Adjustment Factor						0% 0
Soft Cost Adjustment						42% 20,949
Total Estimated Amount						\$70,310

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Sto**

Deficiency:

Assess ID **223321** Surveyor/Update
Deficiency Code ID **BCRoof-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**
Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	200	SF	7.25	\$1,450
Sub Total						\$1,450
Construction Adjustment						35% 500
Construction Cost						\$1,950
Adjustment Factor						0% 0
Soft Cost Adjustment						42% 828
Total Estimated Amount						\$2,778

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 17**

Deficiency:

Assess ID **223322** Surveyor/Update
Deficiency Code ID **BCRoof-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
M		Estimate based of BCPS experience	11,827	SF	7.25	\$85,746	
Sub Total						\$85,746	
					Construction Adjustment	35%	29,582
Construction Cost						\$115,328	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	48,945
Total Estimated Amount						\$164,273	

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 18**

Deficiency:

Assess ID **223323** Surveyor/Update
Deficiency Code ID **BCRoof-01**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing Required (Broward CPS)**
Category **Capital Renewal** System **Roofing**
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**
Correction **Reroof Building** Quantity / UoM
Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based on BCPS experience	6,281	SF	6.25	\$39,256
Sub Total						\$39,256
					Construction Adjustment	35% 13,543
					Construction Cost	\$52,800
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 22,408
					Total Estimated Amount	\$75,208

Broward County Public Schools

Deficiency Detail

290 Atlantic Technical College

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 20**

Deficiency:

Assess ID **223327** Surveyor/Update
Defecency Code ID **BCRoof-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	5,542	SF	7.25	\$40,180
Sub Total						\$40,180
Construction Adjustment						35% 13,862
Construction Cost						\$54,041
Adjustment Factor						0% 0
Soft Cost Adjustment						42% 22,935
Total Estimated Amount						\$76,977

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Sto / Elec**

Deficiency:

Assess ID **223328** Surveyor/Update
Deficiency Code ID **BCRoof-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
M		Estimate based of BCPS experience	32	SF	7.25	\$232	
Sub Total						\$232	
					Construction Adjustment	35%	80
Construction Cost						\$312	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	132
Total Estimated Amount						\$444	

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg Support**

Deficiency:

Assess ID **223329** Surveyor/Update
Deficiency Code ID **BCRoof-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**

Category **Capital Renewal** System **Roofing**
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**
Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	260	SF	7.25	\$1,885
Sub Total						\$1,885
					Construction Adjustment	35% 650
Construction Cost						\$2,535
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 1,076
Total Estimated Amount						\$3,611

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College**

Deficiency:

Assess ID **314384** Surveyor/Update
Deficiency Code ID **A14-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Aluminum Covered Walkways Require Replacement**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace Aluminum Walkway** Quantity / UoM

Project(s) Note **Originally part of roof replacement deficiency. Pulled out separate to reflect covered walk canopy pricing.**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	074113100600	Aluminum roof panels, corrugated, on steel frame, painted, .018" thick	22,034	SF	3.71	\$81,746

Sub Total		\$81,746
Construction Adjustment	35%	28,202
Construction Cost		\$109,949
Adjustment Factor	0%	0
Soft Cost Adjustment	42%	46,662
Total Estimated Amount		\$156,611

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/15/2016 1:31 PM

Location: **Atlantic Technical College**

Deficiency:

Assess ID **314385** Surveyor/Update
Defecency Code ID **A14-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Aluminum Covered Walkways Require Replacement**
Category **Capital Renewal** System **Roofing**
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**
Correction **Replace Aluminum Walkway** Quantity / UoM
Project(s) Note **Originally part of roof replacement deficiency. Pulled out separate to reflect covered walk canopy pricing.**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	074113100600	Aluminum roof panels, corrugated, on steel frame, painted, .018" thick	4,255	SF	3.71	\$15,786

Sub Total		\$15,786
Construction Adjustment	35%	5,446
Construction Cost		\$21,232
Adjustment Factor	0%	0
Soft Cost Adjustment	42%	9,011
Total Estimated Amount		\$30,243

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College**

Deficiency:

Assess ID **314585** Surveyor/Update
Deficiency Code ID **A14-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Aluminum Covered Walkways Require Replacement**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace Aluminum Walkway** Quantity / UoM

Project(s) Note **Originally part of roof replacement deficiency. Pulled out separate to reflect covered walk canopy pricing.**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	074113100600	Aluminum roof panels, corrugated, on steel frame, painted, .018" thick	1,028	SF	3.71	\$3,814

Sub Total		\$3,814
Construction Adjustment	35%	1,316
Construction Cost		\$5,130
Adjustment Factor	0%	0
Soft Cost Adjustment	42%	2,177
Total Estimated Amount		\$7,307

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College**

Deficiency:

Assess ID **314586** Surveyor/Update
Deficiency Code ID **A14-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Aluminum Covered Walkways Require Replacement**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace Aluminum Walkway** Quantity / UoM

Project(s) Note **Originally part of roof replacement deficiency. Pulled out separate to reflect covered walk canopy pricing.**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	074113100600	Aluminum roof panels, corrugated, on steel frame, painted, .018" thick	5,702	SF	3.71	\$21,154

Sub Total		\$21,154
Construction Adjustment	35%	7,298
Construction Cost		\$28,453
Adjustment Factor	0%	0
Soft Cost Adjustment	42%	12,075
Total Estimated Amount		\$40,528

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College**

Deficiency:

Assess ID **314588** Surveyor/Update
Defecency Code ID **A14-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Aluminum Covered Walkways Require Replacement**

Category **Capital Renewal** System **Roofing**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace Aluminum Walkway** Quantity / UoM

Project(s) Note **Originally part of roof replacement deficiency. Pulled out separate to reflect covered walk canopy pricing.**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
U	074113100600	Aluminum roof panels, corrugated, on steel frame, painted, .018" thick	2,390	SF	3.71	\$8,867
Sub Total						\$8,867
Construction Adjustment						35% 3,059
Construction Cost						\$11,926
Adjustment Factor						0% 0
Con. Cost Adjustment						42% 5,061
Total Estimated Amount						\$16,987

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College**

Deficiency:

Assess ID **314590** Surveyor/Update
Deficiency Code ID **A14-02**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Aluminum Covered Walkways Require Replacement**
Category **Capital Renewal** System **Roofing**
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**
Correction **Replace Aluminum Walkway** Quantity / UoM
Project(s) Note **Originally part of roof replacement deficiency. Pulled out separate to reflect covered walk canopy pricing.**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension	
U	074113100600	Aluminum roof panels, corrugated, on steel frame, painted, .018" thick	2,661	SF	3.71	\$9,872	
Sub Total						\$9,872	
Construction Adjustment						35%	3,406
Construction Cost						\$13,278	
Adjustment Factor						0%	0
Soft Cost Adjustment						42%	5,635
Total Estimated Amount						\$18,914	

Broward County Public Schools
290 Atlantic Technical College

Deficiency Detail

1/18/2016 1:31 PM

Location: **Atlantic Technical College->Bldg 10**

Deficiency:

Assess ID **316252** Surveyor/Update **Eric Sheppard**
Deficiency Code ID **EA-Media**
Status **Estimated** FCI **Yes**
Life Cycle

Deficiency **Media Center requires renovation based on condition of room(s)**

Category **Capital Renewal** System **Other**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Other**

Correction **Renovate / Remodel Media Center** Quantity / UoM

Project(s) Note **Room design = 380**

Estimate:

Type	Number	Description	Qty	UoM	Price	Extension
M		Allowance for renovation	1	LS	68,077.22	\$68,077

Sub Total		\$68,077
Construction Adjustment	35%	23,487
Construction Cost		\$91,564
Adjustment Factor	0%	0
Soft Cost Adjustment	48%	44,280
Total Estimated Amount		\$135,844

COLLABORATION

SIGN-OFF FORM

Title of Agenda Request Item: Professional Services Agreement
 Atlantic Technical College
 M.C. Harry and Associates, Inc.
 Building Renovations
 Project No. P.000415

School Board Meeting Date: 6-21-16

- This project has been appropriated in the Amendment to the Adopted District Educational Facilities Plan (September 8, 2015) and in the District's Capital Budget.
- This project has not been appropriated in the Amendment to the Adopted District Educational Facilities Plan (September 8, 2015) and in the District's Capital Budget.

[] Comments:

Department Name

Capital Budget

Department Head Name

Omar Shim
Director

Department Head Signature



Note: By signing this collaboration the Capital Budget Department is acknowledging that the budget impact as stated is correct. Other aspects of the agenda item are the responsibility of the department submitting the item.