**ADDENDA# 2**

**RFQ NO. 3001-0-2019, ARCHITECTURAL/ENGINEERING DESIGN SERVICES**

**RFQ NO. 3002-0-2019, CONSTRUCTION MANAGEMENT AT RISK SERVICES**

**REPLACE MARTIN COUNTY SCHOOL DISTRICT'S JENSEN BEACH (JBES) &**

**PALM CITY ELEMENTARY (PCES) SCHOOLS**

**DATE: 8/28/19**

This addendum is a combination of Architects, Engineers, and Contractors represented at the joint mandatory pre-proposal meeting. Please find the following attachments requested at the mandatory Pre-proposal meeting on August 16, 2019 and the responses to the following questions:

Attachment A JBES Asbestos, DOE, and Castaldi Reports
Attachment B PCES Asbestos, DOE, and Castaldi Reports

1. **Question:** Question regarding Tab 9 Financial Capacity – confirm that the financial statement will be in a separate sealed envelope and not a part of Tab 9. Also confirm number of statements required to be submitted?

   **Answer:** Submit two (2) copies of your financials in a sealed envelope within your submittal package.

2. **Question:** It is understood that the track to the east of Jensen Beach Elementary School is part of the school's property. Is this track going to be replaced as part of the scope? Or will it be left as is and in use?

   **Answer:** The track is going to be replaced as part of the scope of work that only pertains to Jensen Beach Elementary School. This would apply to the A&E and CMR.

**All other terms and conditions of this RFQ remain unchanged.**

This Addendum shall be considered an integral part of the RFQ. Addendum must be signed and returned with your submittal on the designated time **on September 11, 2019**.

*Lenora S. Darden*, MCPP, CPPB, CPSM
Purchasing Supervisor

Acknowledgement is hereby made of Addenda# 2 to RFQ# 3001-0-2019 and 3002-0-2019.

_____ _____
Authorized Signature Firm

_____
Printed, Title

_____ _____
Date Email Address

# ADDENDA NO. 2

## RFQ NO. 3001-0-2019/3002-0-2019

## ATTACHMENT A

## JENSEN BEACH ELEMENTARY SCHOOL (JBES)

**PURCHASING DEPARTMENT**
**2845 SE DIXIE HWY STUART, FL., 34997**
**TEL (772) 219-1255**
**EMAIL bids@martin.k12.fl.us**

# 2017 AHERA RE-INSPECTION
# Jensen Beach Elementary
# 2525 NE Savannah Road
# Jensen Beach, Florida
# S&ME Project No. 4484-17-070-B

Assessment Performed by and Report Prepared by:

8/21/17

Nacole Caputo (Accreditation# BI-01317) Date

S&ME

Prepared for:
Martin County School District
1050 SE 10th Street
Stuart, FL 34994

Prepared by:
S&ME, Inc.
111 Kelsey Lane, Suite E
Tampa, FL 33619

August 21, 2017

August 21, 2017

Martin County School District
1050 SE 10th Street
Stuart, Florida 34994

Attention: Mr. Rob Phillips

Reference: **2017 AHERA Re-Inspection Report**
**Jensen Beach Elementary**
Jensen Beach, Florida
S&ME Project No. 4484-17-070-B

Dear Mr. Phillips:

S&ME, Inc. is pleased to submit the enclosed 2017 Asbestos Hazard Emergency Response Act (AHERA) Re-inspection Report for the referenced school located in Jensen Beach, Florida. This work was performed in general accordance with the S&ME Proposal No. 44-1700122, dated April 11, 2017.

The enclosed re-inspection report was conducted as outlined in the Environmental Protection Agency (EPA) Regulation 40 CFR 763.85 and was performed by an EPA accredited inspector and response actions determined by an accredited Management Planner. This report represents a summary of past re-inspection reports and must be used in conjunction with the original Asbestos Management Plan and subsequent three-year re-inspections to manage and track the asbestos containing building materials currently in the school. The regulation states that the Local Education Authority (LEA) shall:

- Select and implement, in a timely manner, the appropriate **response actions** for each known and assumed asbestos containing building material (ACBM). The LEA may select from response actions that protect human health and the environment and are the least burdensome methods.
- Ensure that workers and building occupants, or their legal guardians, are informed at least once each school year about inspections, response actions, and post response action activities, including periodic 3-year reinspection and surveillance activities that are planned or in progress. (40 CFR 763.84 (c)). Copies of **notifications** must be included with this report.
  - Annual notifications were not available for S&ME to review.
- Conduct **periodic surveillance**, at least once every six months, in each building that it leases, owns, or otherwise uses as a school building that contains ACBM or is assumed to contain ACBM." (40 CFR 763.92 (b))
  - Six-month surveillance documentation was not available for S&ME to review.
- Ensure, prior to implementation of the operations and maintenance provisions of the management plan, that members of its maintenance and custodial staff (custodians, electricians, heating/air conditioning technicians, plumbers, etc.) who may work in a building that contains ACBM receive **awareness training** of at least two hours, whether or not they are required to work

directly with ACBM. New custodial and maintenance employees are to be trained within 60 days after commencement of employment. (CFR 40 763.92 (a) (1))

- The 2-hour asbestos awareness training was observed for several employees over the last three years. The school board uses safeschools.com to provide training.

- Ensure that members of its maintenance and custodial staff who conduct operations and maintenance activities that will result in the disturbance of ACBM receive the **two hour asbestos awareness training and an additional 14 hours of training**. (40 CFR 763.92 (a) (2)). Training records must be made part of each building's 3-year reinspection/management planner report.
  - Documentation for the 14-hour O&M training was not available for S&ME to review.

Based on the findings of the initial inspection and subsequent re-inspections, S&ME confirmed the following asbestos containing building materials currently in the facility.

- Drywall and joint compound
- Heating, ventilation and air conditioning (HVAC) duct mastics
- Vinyl floor tiles and mastic
- Cove base mastics
- Carpet mastics
- Fire-rated doors
- Chalkboards
- Sink condensate barriers
- Plaster coatings
- Pipe wrap insulation
- Wall glues/mastics

The Scope of Service is based on historical sampling data and the 1988 (original) AHERA Asbestos Management Plan for the Jensen Beach Elementary. Suspect asbestos containing materials installed in the school since the original 1988 AHERA inspection and subsequent 3-year reinspections were not sampled or analyzed as a part of this scope of work. However, the client requested samples of damaged or significantly damaged assumed ACBMs be sampled. Damaged suspect ACBMs were not observed during our assessment.

*This report does not comply with the EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) regulatory requirements for renovation or demolition activities impacting suspect asbestos containing materials. Compliance with NESHAP requirements for renovation or demolition projects will require additional bulk sampling and analysis of any suspect interior or exterior material not sampled and analyzed in this report.*

We appreciate the opportunity to provide you with our industrial hygiene/environmental services. If you have any questions concerning this report, please call us at (813) 623-6646.

Sincerely,

**S&ME, Inc.**
*Florida Asbestos Business Organization License #ZA0000094*

*Prepared by*

Nacole Caputo, MBA, CIE
Project Manager
Management Planner

*Reviewed by*

Kenneth R. Warren, CIH
Senior Industrial Hygienist
Florida Licensed Asbestos Consultant #IA24

Attachments

AHERA RE-INSPECTION REPORT

LEA: Martin County School District

ADDRESS: 1050 SE 10th Street
Stuart, Florida 34994

TELEPHONE: (772)-223-3105

DATE: August 21, 2017

SCHOOL: Jensen Beach Elementary

SUBMIT TO LEA DESIGNEE

## LIST OF DOCUMENTS ATTACHED:

| | | | |
|---|---|---|---|
| X | 1. List of School Buildings | ___ | 6. Description of Each Sample Area & Assessment of Materials |
| X | 2. Reassessment of Areas of ACBM or Suspect ACBM | ___ | 7. Bulk Sample Analysis |
| ___ | 3. Added Homogenous Areas of ACBM or Suspect ACBM | X | 8. Response Actions Recommended, Response Actions Selected and Dates |
| X | 4. Diagram of School Campus | X | 9. Copy of Inspectors License |
| ___ | 5. Description of Each New Homogenous Area and Determination of Sampling Location | X | 10. Copy of Management Planners License |

No person or firm shall offer to perform, perform or be hired to perform as professionals in providing the services of inspection, preparation of management plans, designing of response actions, or supervising of response action except as properly accredited under the provisions of Public Law 99-519, EPA regulations 40 CFR Part 763 and SCDHEC Regulation 61-86.1. In addition these persons or firms performing as professionals shall be registered in South Carolina under the registration laws of the State. Such professionals shall be independent practitioners and shall have no financial or other interest in contractors, subcontractors, manufacturers, or jobbers under their jurisdiction where direct conflict of interest could occur, except as permitted as follows.

An employee of a public school, a private school association, a private school or an A/E may provide the services of inspection, and or preparation of management plans, provided the employee is properly accredited under the "AHERA" Laws and Regulations. Where an employee of the LEA provides these services, the LEA must request a Waiver of Professional Services.

LEA DESIGNEE: _____
Name Signature & Date
Telephone No.

HOURS TRAINING _____ AGENCY: _____ DATE: _____

PRINCIPAL: _____
Name Signature & Date
Telephone No.

---

INSPECTOR: Jarett Epps
Name & Signature

AHERA LICENSE NO. 170343-6205 Telephone No. (813) 623-6646

MANAGEMENT PLANNER: Nacole Caputo
Name & Signature

AHERA LICENSE NO. 8301691 Telephone No. (813) 623-6646

COVER SHEET

PHOTOCOPY AS NEEDED

AHERA RE-INSPECTION REPORT

LEA: Martin County School District

I - LIST OF BUILDINGS REINSPECTED

SCHOOL: Jensen Beach Elementary

ADDRESS: 2525 NE Savannah Road

Jensen Beach, Florida

DATE REINSPECTED: July 18, 2017

| BUILDING NAME/NO. | ACBM | | SUSPECT ACBM | | NO ACBM |
|---|---|---|---|---|---|
| | FRIABLE | NONFRIABLE | FRIABLE | NONFRIABLE | |
| 2 | | | X | X | |
| 3 | | | X | X | |
| 5 | | | X | X | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

COMMENTS: Access to Room 30 C in Building 2 was not available

2 - REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

Condition Code Legend:

1. Damaged or significantly damaged thermal system insulation ACM
2. Damaged friable surfacing ACM
3. Significantly damaged friable surfacing ACM
4. Damaged or significantly damage friable miscellaneous ACM
5. ACBM with potential for damage
6. ACBM with potential for significant damage
7. Any remaining ACBM or friable suspected ACBM

LEA: Martin County School District

SCHOOL: Jensen Beach Elementary

ADDRESS: 2525 NE Savannah Road

Jensen Beach, Florida

DATE REINSPECTED: July 18, 2017

AHERA RE-INSPECTION REPORT

**Building 2:**

| ROOM # AND FUNCTIONAL SPACE | 2004 HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | YES | NO |
| 101 | 9 | | Sink Condensate Barrier, Black | 2 SF | MISC | 7 | Non-Friable | | X |
| 7, 130A, 130B, 130C, 130D, 131A, 131C, 131D, 132, 130(Cafeteria) | 25 | | 1' x 1' White with Light Green Specks VFT and Mastic | 7,000 SF | MISC | 5 | Non-Friable | | X |
| ~~116~~, 130, 131A, 131D, ~~Office~~, 130(Cafeteria) | 27 | | Cove Base Mastic – Cover Base, Green | 300 SF | MISC | 5 | Non-Friable | X – not found in 116 or Office[1] | |
| 7, 130(Cafeteria) | 28 | | Acoustical Wall Carpet, Green and Wall Mastic | 4,000 SF | MISC | 5 | Non-Friable | | X |
| Throughout | 30 | | Drywall and Joint Compound | >10,000 SF | SUR | 5 | Friable | | X |
| 21C, 134, 135, Classrooms, Restrooms | 31 | | Plaster Coating | 12,000 SF | SUR | 5 | Friable | | X |
| 4A, 4B, 104, 106, 119C, 142A | 32 | | 1' x 1' White/Gray VFT and Mastic | 2,000 SF | MISC | 5 | Non-Friable | | X |
| 4A, 19, 20, 21, 28, 29, 30, 101, 110, 118A, 142, 151, 152, 153, 155, 156, 157, 161, 162, 163, Classrooms | 33 | | Cover Base Mastic – Cove Base, Blue | 800 SF | MISC | 5 | Non-Friable | | X |
| 135, 159, 171 | 34 | | HVAC Duct Mastic, Gray | Unknown | MISC | 7 | Non-Friable | | X |
| 30C, 135, 139, 144, 145, 159, 160, 169, 171, Other interstitial ceiling space | 35 | | Pipe Insulation Wrap | Unknown | TSI | 7 | Friable | | X |
| 20, 21 | 37 | | Carpet Mastic – Blue/Burgundy Carpet | 800 SF | MISC | 5 | Non-Friable | | X |
| 104, 105, 106, 139, 144, 145, 146, 150, 158, 159, 160, 169, 171 | 39 | | Cove Base Mastic – Cove Base, Gray | 400 SF | MISC | 5 | Non-Friable | | X |
| 143, 146, 150 | 40 | | 1' x 1' White with Blue Specks VFT and Mastic | 1,500 SF | MISC | 5 | Non-Friable | | X |
| 103, 107 – 116, 140A, ~~159~~ | 38 | | Carpet Mastic – Blue Carpet | 4,000 SF | MISC | 5 | Non-Friable | X – not found in 159[1] | |
| 19, 20, 21, 28, 29, 30, 140, 141, 155, 156 | 44 | | 1' x 1' Blue VFT and Mastic | 6,600 SF | MISC | 5 | Non-Friable | | X |

2 - REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

Condition Code Legend:

1. Damaged or significantly damaged thermal system insulation ACM
2. Damaged friable surfacing ACM
3. Significantly damaged friable surfacing ACM
4. Damaged or significantly damage friable miscellaneous ACM
5. ACBM with potential for damage
6. ACBM with potential for significant damage
7. Any remaining ACBM or friable suspected ACBM

LEA: Martin County School District

SCHOOL: Jensen Beach Elementary

ADDRESS: 2525 NE Savannah Road

Jensen Beach, Florida

DATE REINSPECTED: July 18, 2017

AHERA RE-INSPECTION REPORT

**Building 2:**

| ROOM # AND FUNCTIONAL SPACE | 2004 HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? YES | CHANGES? NO |
|---|---|---|---|---|---|---|---|---|---|
| 19 – 21, 28, 29, 170 | 45 | | Sink Condensate Barrier, Gray | 16 SF | MISC | 7 | Non-Friable | | X |
| 100, 119D, 142, 162 – 164, 166, 168, 170, 170A, Halls of 100 Bldg. | 46 | | 1' x 1' White with Brown Specks VFT and Mastic | 8,000 SF | MISC | 5 | Non-Friable | | X |
| 19 | 47 | | Green Chalkboard | 50 SF | MISC | 5 | Non-Friable | | X |
| Throughout | 49 | | Plaster Coating, Textured | >10,000 SF | SUR | 5 | Friable | | X |
| 3, 3A | 50 | | 1' x 1' Tan with Brown Lines VFT and Mastic (over green RFT) | 200 SF | MISC | 5 | Non-Friable | | X |
| 3, 3A, 3C | 51 | | Cove Base Mastic – Cove Base, Black | 80 SF | MISC | 5 | Non-Friable | | X |
| 104 – 106(Bathrooms), 130(Cafeteria), 132 | 14-01 | | Reinforced Vinyl Panel Glue | 3,000 SF | MISC | 7 | Non-Friable | | X |
| All Classrooms & Hallway | 54 | | Fire-Rated Doors | 40 EA | MISC | 7 | Non-Friable | | X |
| 19 – 21, 28, 29, 162, 170 | 14-02 | | Tan Mastic behind Blue Wall Panels | 300 SF | MISC | 7 | Non-Friable | | X |

**Building 3:**

| ROOM # AND FUNCTIONAL SPACE | 2004 HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? YES | CHANGES? NO |
|---|---|---|---|---|---|---|---|---|---|
| 22, 24 | 13 | | 1' x 1' White with Black Specks VFT and Mastic | 1,400 SF | MISC | 5 | Non-Friable | | X |
| 22, 24 | 14 | | Cove Base Mastic – Cove Base, Blue | 60 SF | MISC | 5 | Non-Friable | | X |
| 22, 27 | 16 | | Sink Condensate Barrier, Black | 4 SF | MISC | 7 | Non-Friable | | X |
| Throughout | 17 | | Drywall & Joint Compound | 3,500 SF | SUR | 5 | Friable | | X |
| 22 | 18 | | Green Chalkboard | 50 SF | MISC | 5 | Non-Friable | | X |
| 25 | 19 | | Cove Base Mastic – Cove Base, Black | 15 SF | MISC | 5 | Non-Friable | | X |

2 - REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

Condition Code Legend:

1. Damaged or significantly damaged thermal system insulation ACM
2. Damaged friable surfacing ACM
3. Significantly damaged friable surfacing ACM
4. Damaged or significantly damage friable miscellaneous ACM
5. ACBM with potential for damage
6. ACBM with potential for significant damage
7. Any remaining ACBM or friable suspected ACBM

LEA: Martin County School District

SCHOOL: Jensen Beach Elementary

ADDRESS: 2525 NE Savannah Road

Jensen Beach, Florida

DATE REINSPECTED: July 18, 2017

AHERA RE-INSPECTION REPORT

**Building 3:**

| ROOM # AND FUNCTIONAL SPACE | 2004 HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? YES | CHANGES? NO |
|---|---|---|---|---|---|---|---|---|---|
| 25 | 21 | | 1' x 1' Tan/Olive VFT and Mastic | 40 SF | MISC | 5 | Non-Friable | | X |
| Mechanical Rooms | 23 | | Pipe Insulation Wrap | Unknown | TSI | 7 | Friable | | X |
| Mechanical Rooms | 24 | | Cove Base Mastic – Cove Base, Gray | 20 SF | MISC | Not Found[1] | Non-Friable | X | |
| Mechanical Rooms | 25 | | Fire-Rated Doors | 4 EA | MISC | 7 | Non-Friable | | X |
| 24 | 14-01 | | Sink Condensate Barrier, Gray | 2 SF | MISC | 7 | Non-Friable | | X |

**Building 5:**

| ROOM # AND FUNCTIONAL SPACE | 2004 HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? YES | CHANGES? NO |
|---|---|---|---|---|---|---|---|---|---|
| 40, 41, 41D, 41F, 41G | 7 | | 1' x 1' Blue VFT with Mastic | 500 SF | MISC | 5 | Non-Friable | | X |
| Throughout | 9 | | Drywall and Joint Compound | 1,800 SF | SUR | 5 | Friable | | X |
| Throughout | 10 | | Cove Base Mastic – Cove Base, Blue | 210 SF | MISC | 5 | Non-Friable | | X |
| 41A | 11 | | Carpet Mastic – Blue/Burgundy Carpet | 360 SF | MISC | 5 | Non-Friable | | X |
| Perimeter Walls | 12 | | Plaster Coating | 2,000 SF | MISC | 5 | Non-Friable | | X |
| 41B, 41C | 13 | | Cove Base Mastic – Cove Base, Brown | 30 SF | MISC | 5 | Non-Friable | | X |
| 41B, 41C | 14 | | 1' x 1' Tan/Olive VFT and Mastic | 140 SF | MISC | 5 | Non-Friable | | X |
| 41H | 15 | | Pipe Insulation Wrap | 80 SF | TSI | 7 | Friable | | X |
| 41H | 16 | | HVAC Duct Mastic, White | 120 SF | MISC | 7 | Non-Friable | | X |

1 Asbestos NESHAP survey not observed during records review

2 - REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

Condition Code Legend:

1. Damaged or significantly damaged thermal system insulation ACM
2. Damaged friable surfacing ACM
3. Significantly damaged friable surfacing ACM
4. Damaged or significantly damage friable miscellaneous ACM
5. ACBM with potential for damage
6. ACBM with potential for significant damage
7. Any remaining ACBM or friable suspected ACBM

LEA: Martin County School District

SCHOOL: Jensen Beach Elementary

ADDRESS: 2525 NE Savannah Road
Jensen Beach, Florida

DATE REINSPECTED: July 18, 2017

AHERA RE-INSPECTION REPORT

**Building 5:**

| ROOM # AND FUNCTIONAL SPACE | 2004 HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? YES | CHANGES? NO |
|---|---|---|---|---|---|---|---|---|---|
| 41H | 17 | | HVAC Duct Mastic, Gray | 20 SF | MISC | 7 | Non-Friable | | X |
| 41H | 18 | | Fire-Rated Doors | 2 EA | MISC | 7 | Non-Friable | | X |
| 41, 41A | 19 | | Brown Mastic behind Blue Wall Panels | 10 SF | MISC | 7 | Non-Friable | | X |

Jarett Epps — LEA DESIGNEE:

July 18, 2017 — DATE OF RE-INSPECTION REVIEW:

AHERA LICENSE No.: 170343-6205 EXP. DATE: 01/25/2018

SIGNATURE: Jarett Epps — SIGNATURE:

LEA: Martin County School District

SCHOOL: Jensen Beach Elementary

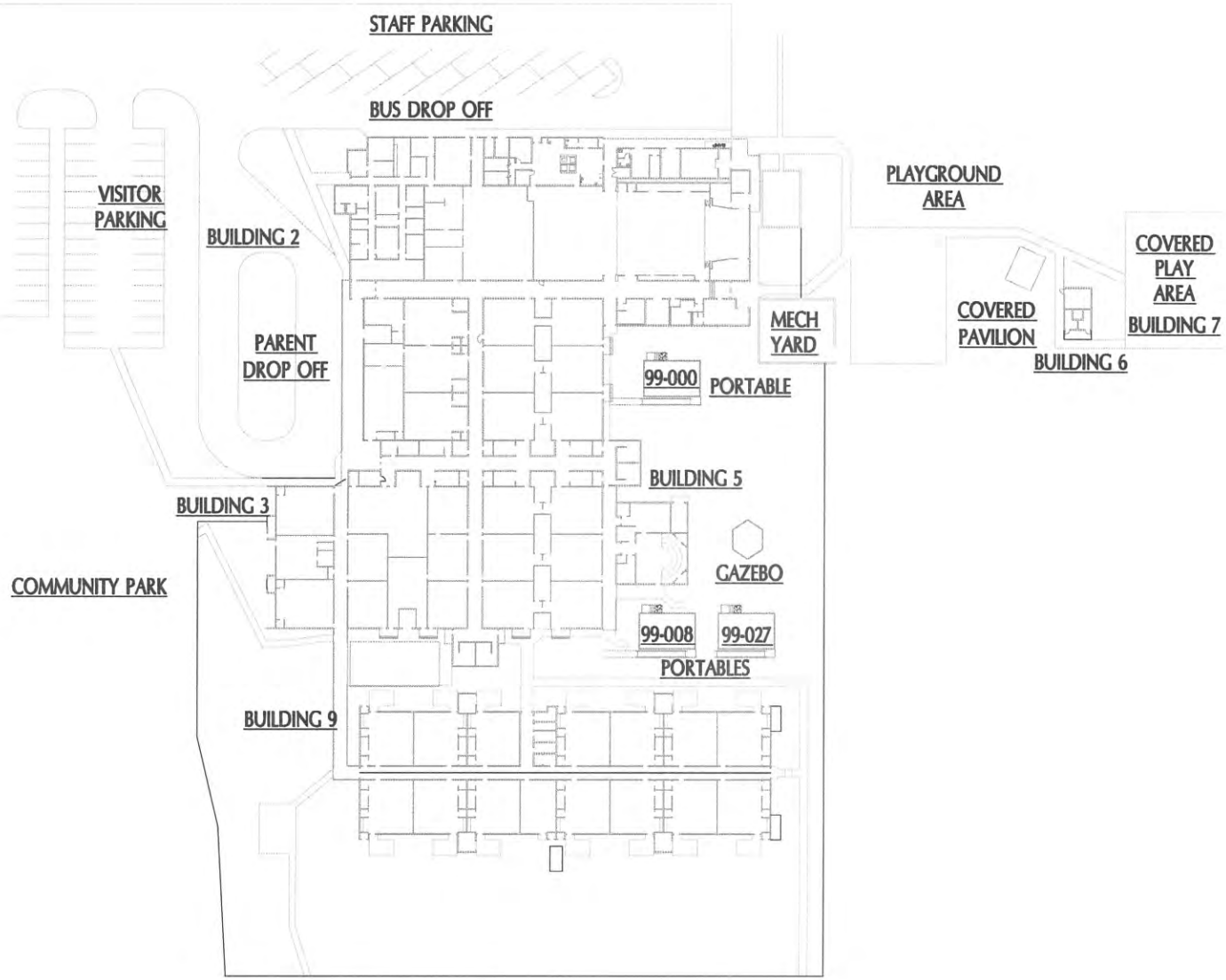
ADDRESS: 2525 NE Savannah Road

Jensen Beach, Florida

DATE REINSPECTED: July 18, 2017

## 4-DIAGRAM OF SCHOOL CAMPUS

(SEE FIGURE ON FOLLOWING PAGE)




SITE PLAN | 01 | 1/32" = 1'-0"

Song + Associates
Architecture ● Planning ● Interior Design
1515 Centrepark Drive North
West Palm Beach, Florida 33401
Telephone 561-655-2123
Fax 561-655-1182
AA - 0003365 IB - 0001095

Seal :

Name:
License # :

Consultants :



MARTIN COUNTY SCHOOL DISTRICT

F.I.S.H. PLAN UPDATE

JENSEN BEACH ELEMENTARY SCHOOL
2525 NE SAVANNAH ROAD
JENSEN BEACH, FL 34957

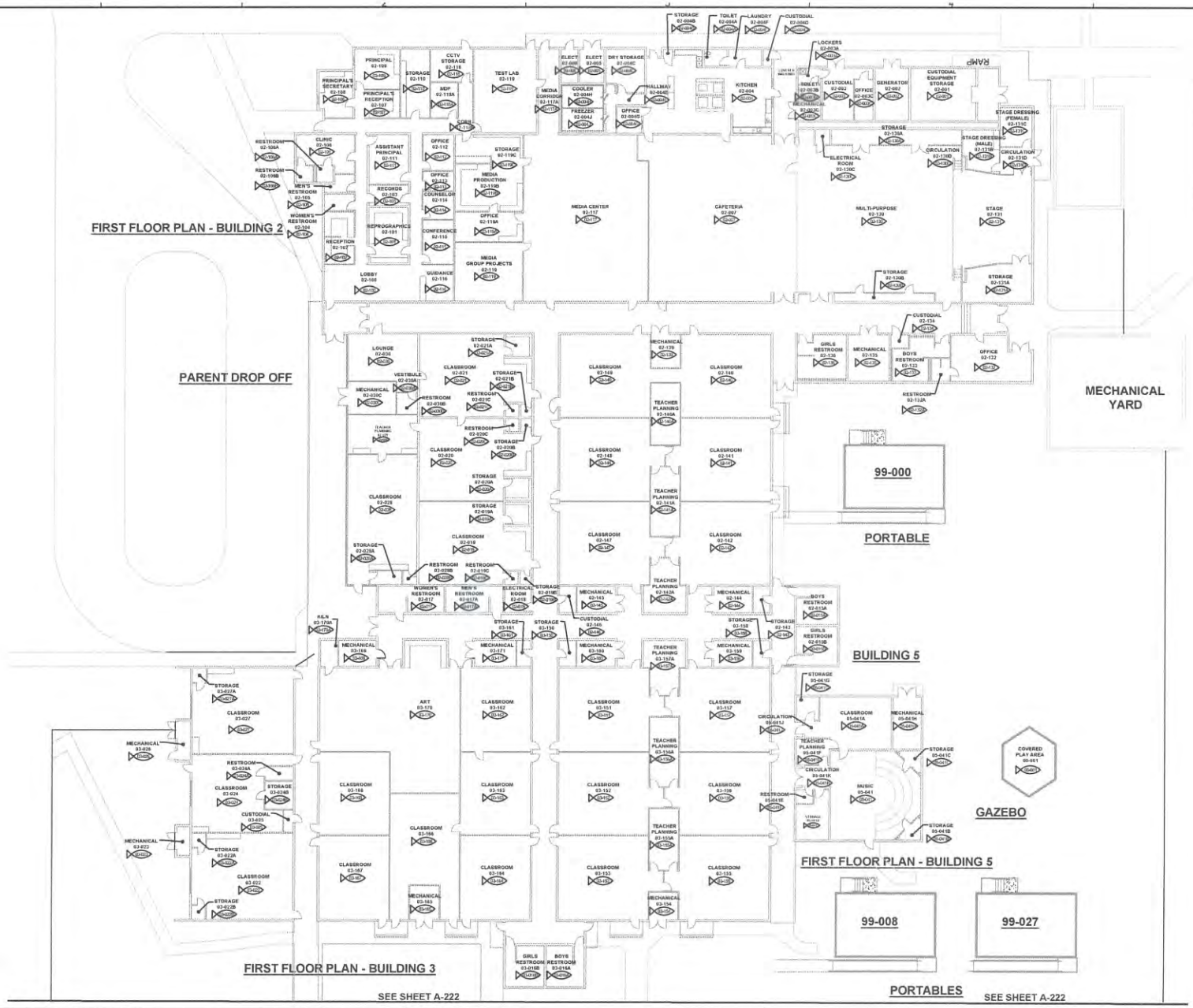
Revisions :

Date : 12/14/2016
S+A Project No : 16058-A
Owner Project No:
Drawn By : SR
Checked By : MFH

Phase :
PERMIT DOCUMENTS

Sheet Title :
SITE PLAN

Sheet # :
A-201




BUILDINGS 2, 3, AND 5 ENLARGED PLANS | 01 | 3/32"=1'-0"

Song + Associates
Architecture • Planning • Interior Design
1545 Outpark Drive North
West Palm Beach Florida 33401
Telephone 561-655-2425
Fax 561-655-1182
AA - 0003165 IB - 0003095

Seal :

Name:
License # :

Consultants :



MARTIN COUNTY SCHOOL DISTRICT

F.I.S.H. PLAN UPDATE

JENSEN BEACH ELEMENTARY SCHOOL
2525 NE SAVANNAH ROAD
JENSEN BEACH, FL 34957

Revisions :

Date : 12/14/2016
S+A Project No : 16058-A
Owner Project No:
Drawn by : SR
Checked by : MFH

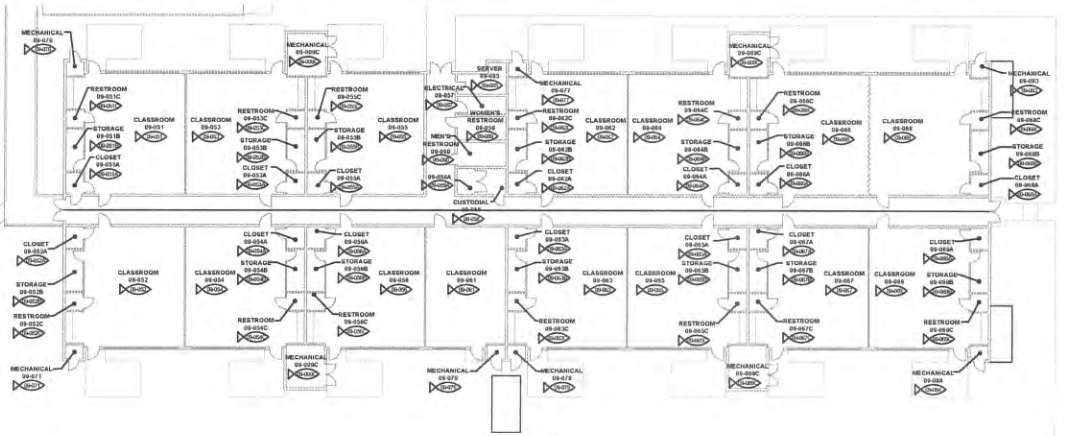
Phase :
PERMIT DOCUMENTS

Sheet Title :
BUILDINGS 2,3, AND 5

Sheet # :
A-221

SEE SHEET A-221

SEE SHEET A-221



BUILDING 9

BUILDING 9 ENLARGED PLAN | 04

3/32"=1'-0"

Song + Associates

Architecture ● Planning ● Interior Design

1515 Clearpark Drive North
West Palm Beach, Florida 33401

Telephone 561-655-2121
FAX 561-655-1182

AA - 0003163 IB - 0001095

Seal :

Name:

License # :

Consultants :



MARTIN COUNTY SCHOOL DISTRICT

F.I.S.H. PLAN UPDATE

JENSEN BEACH ELEMENTARY SCHOOL
2525 NE SAVANNAH ROAD
JENSEN BEACH, FL 34957

Revisions :

Date : 12/14/2016

S+A Project No : 16058-A

Owner Project No:

Drawn By : SR

Checked By : MFH

Phase :

PERMIT DOCUMENTS

Sheet Title :

BUILDING 9

Sheet # :

A-222

8 - ACTIONS RECOMMENDED AND RESPONSE ACTION SELECTED & DATES

LEA: Martin County School District

SCHOOL: Jensen Beach Elementary

ADDRESS: 2525 NE Savannah Road

Jensen Beach, Florida

DATE REINSPECTED: July 18, 2017

AHERA RE-INSPECTION REPORT

| HA # OR FS | RECOMMENDED RESPONSE ACTION | SELECTED RESPONSE ACTION | ORIGINAL DATE | SCHEDULED DATE | COMMENTS |
|---|---|---|---|---|---|
| Overall – HAs with condition codes 5-7 | **Restrict contact, periodically reinspect condition (minimum every six months) and maintain under Operations and Maintenance Plan or remove.** | | | | |
| Building 2: Rooms 116, Office and 159<br>Building 3: Mechanical Room | **Obtain NESHAP Asbestos Survey report and store in Management Plan** | | | | |

MANAGEMENT PLANNER: Nacole Caputo

LEA DESIGNEE:

DATE OF REPORT: August 21, 2017

DATE OF RE-INSPECTION REVIEW:

AHERA LICENSE NO.: 8301691 EXP. DATE: 08/30/2017

SIGNATURE:

SIGNATURE:

LEA: Martin County School District

9- COPY OF INSPECTOR'S LICENSE

SCHOOL: Jensen Beach Elementary

ADDRESS: 2525 NE Savannah Road

Jensen Beach, Florida

DATE REINSPECTED: July 18, 2017

**ATTACH COPY OF INSPECTOR'S ACCREDITATION LICENSE**

UF TREEO Center
UNIVERSITY of FLORIDA

Center for Training, Research and Education for Environmental Occupations

certifies

# Jarett W Epps

S&ME, 933 Benninger Dr. Brandon, FL 33510

**has successfully met certificate requirements for the**

***Asbestos: Inspector***

Approval: FBPR Asbestos Licensing Unit: Provider #0000995; Course #FL49-0002859 ( 3 Days; 21 Contact Hours)
**(Accreditation for Inspector Under TSCA Title II/AHERA)**

***Conducted***

**01/23/2017 to 01/25/2017**

**Certificate #: 170343-6205**
**CEUs: 2.1**
**EPA accreditation expires: 01/25/2018**
**Principal Instructor: Russell E. Stauffer, PE, LAC**
**FBPE PDHs: 0009087/Educational Institutions: 21.0**

Carol Hinton
Carol Hinton, Associate Director

University of Florida TREEO Center • 3900 SW 63 Boulevard • Gainesville, FL 32608-3800 • 352-392-9570 • www.treeo.ufl.edu

10- COPY OF MANAGEMENT PLANNER'S LICENSE

LEA: Martin County School District

SCHOOL: Jensen Beach Elementary

ADDRESS: 2525 NE Savannah Road

Jensen Beach, Florida

DATE INSPECTED: July 18, 2017

## ATTACH COPY OF MANAGEMENT PLANNER'S ACCREDITATION LICENSE

Asbestos Online Training, LLC

13987 94th Avenue N Seminole, FL 33776

727-593-3067

Asbestos Management Planner Refresher Training

This is to certify that

Nacole Caputo

Training was in accordance with Title II of TSCA, 40 CFR Part 763. Appendix C to Subpart E as revised

Date of Course Examination 8/30/16

Date of Course Completion 8/30/16

Expiration Date 8/30/17

Certificate # 8301691

Course # FL-490006369 Provider # FL-490005406

Instructor

June 27, 2019

Laurie Gaylord, Superintendent
Martin County School District
500 East Ocean Boulevard
Stuart, Florida 34994-2578

Dear Superintendent Gaylord:

The building replacement study dated January 2018, prepared by Song + Associates, Inc., and received by the Office of Educational Facilities (OEF) on June 25, 2018, has been reviewed. Based on the information provided to us by the Martin County School District (district), we concur with the recommendation that replacement of the buildings listed below is more economical than the rehabilitation of the existing buildings. Our recommendation does not result in these buildings being classified as unsatisfactory. Should you want to change the classification of these buildings, supporting documentation of unsatisfactory conditions must be provided.

| Jensen Beach Elementary School | | | |
|---|---|---|---|
| Building #(s) | Building Use | Square Footage | Year of Construction/ Age |
| 2 | Administration/Classrooms/Kitchen/Dining | 56,854 | 1970/48 |
| 3 | Classrooms | 3,141 | 1980/38 |
| 5 | Music | 2,217 | 1980/38 |
| 6 | Covered Play | 8,245 | 1993/25 |
| 9 | Classrooms | 19,802 | 1987/32 |

Our concurrence does not relieve the district of its responsibility for performing required

Should the district desire to raze these buildings, an approved survey recommendation must first be obtained from OEF.

Please let us know if we may be of further assistance.

Sincerely,

Mark A. Weigly, Architect, LEED AP, FCP
Educational Facilities Construction Planning Manager
Office of Educational Facilities

MW/ss

cc: Mark Eggers, Assistant Deputy Commissioner
Violet Brown, Senior Educational Program Director
Don Whitehead, Safe and Efficient Facilities Design Manager

# Martin County School District

# Jensen Beach Elementary

# Castaldi Analysis

2525 NE Savannah Road
Jensen Beach, Florida 34957
January, 2018

Song + Associates, Inc.
Architecture • Planning • Interior Design

# Table of Contents



Song + Associates, Inc.
Architecture • Planning • Interior Design

# Martin County School Board

| | |
|---|---|
| District 1 | Christia Li Roberts, Chair |
| District 2 | Marsha Powers |
| District 3 | Rebecca Negron |
| District 4 | Tina McSoley |
| District 5 | Michael DiTerlizzi, Vice Chair |
| Student Representative | Anna Ellis |

Song + Associates, Inc.
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# Executive Summary

What follows is the Castaldi Analysis Report for the Martin County School District's (MCSD) Jensen Beach Elementary School (JBES).

The Castaldi analysis is based on information published by the Florida Department of Education (FLDOE) pertaining to school construction and project costs, data and a facilities assessment. The analysis presents the Castaldi Formula as accepted by FLDOE.

Jensen Beach Elementary School (JBES) began construction in 1970. It is located on 20 acres at 2525 Northeast Savanna Road, Jensen Beach, Martin County, Florida. All buildings are noted as satisfactory on FISH.

The buildings are:

Building 2, Administration, Classrooms, Offices, Cafeteria, Kitchen and Stage was built in 1970, some minor renovations have occurred that are not noted in the FISH Inventory and contains 65,747 sf.

Building 3, Primary Skills Lab, ESE Classrooms, Restrooms, Support Space and Office Space was built in 1980 and contains 3,141 sf. Currently only the Office space is being used.

Building 5, Music Classroom, Teacher's Planning, Storage, Staff Restrooms and Support Spaces was built in 1980 and contains 2,217 sf.

Building 6, Covered Play Area, PE Storage, Restrooms and Support Space was built in 1993 and contains 9,561 sf.

Building 9, Primary Classrooms, ESE Lockers and Showers, Student Restrooms, Student Storage and Support Spaces was built in 1987 and contains 19,802 sf.

Building 99, Two Units of Portable Classrooms, built in 2005 and contains 1,728 sf.

Building 9902, A Portable Classroom was built in 2004 and contains 764 sf.

*The current FLDOE established costs per square foot for renovation, remodeling and new construction are based on the maximum allowed cost per student station for January 2013, Section 1013.64(6)(b)1, Florida Statutes and are as follows for an high school:*

*Cost of Renovation based on FDOE data is $45/GSF*

*Cost of Remodeling based on FDOE data is $68/GSF*

*Cost of Replacement based on FDOE data is $136/GSF*

In the Castaldi analysis, if the left side of the equation, cost of remodeling or renovating, shows a larger amount, the replacement of the facility is warranted and will be more cost effective than the renovation/remodeling of the existing building(s).

It would be beneficial to the MCSD to provide their educational programs in the most compact and efficient facility designed to function according to current Florida Department of Education (FLDOE) and

MCSD educational standards and design criteria, ADA requirements and the most current Florida Building Code Requirements. The buildings being considered for razing are beyond their useful life, are deficient

# Executive Summary

with regard to current ADA and Florida Building Code requirements and are undersized for the programmatic needs and requirements. (See Castaldi Analysis). They both would require additional square footage to conform to the most current MCSD Educational Plant Survey Facilities List.

The review and analysis of the existing construction of the facility was tested against the Castaldi Formula and takes into consideration the educational, health, aesthetic, life safety and building improvements of educational facility design. Based on the information included in this report and the expressed needs of the Martin County School District, we recommend the following:

Buildings 2, 3 and 5 are recommended to be demolished and replaced with a new facility that would serve the current student capacity and same demographics are is reported in the 01 10 18 FISH Inventory Report.

From our review and analysis the best course of action is to modernize the facility by replacement of these buildings to meet the requirements and standards noted above. Our recommendation is to replace Buildings 2, 3 and 5 with a state of art new facilities. This path would be the most prudent and cost effective way to address the deficiencies with regard to Life Safety, Life Cycle Costs, Education Adequacy, and Health requirements. The recommended improvements would create a facility that provides the students, faculty, administration and staff with a state of the art modernized that would meet State Requirements for Educational Facilities (SREF), current FLDOE Guidelines, current Life Safety requirements, ADA requirements, Florida Building Code requirements and current Martin County School District Design Criteria and Standards.

Respectfully,

Mark Clary, Senior Project Manage
Song + Associates, Inc.
(561) 655-2423 Email: mclary@songandassociates.com

**1.1 Campus Overview**

Jensen Beach Elementary School (JBES) is one of 12 elementary schools that are part of the Martin County School District (MCSD). The JBES campus is located on 20 acres at 2525 Savanna Road, Jensen Beach, Florida. Its primary use is as an elementary high school serving Pre K through 5. As reported in the Facility Inventory Report (FISH), dated 09. 15. 16, its School Capacity is 722 students and its Year Round Capacity is 866 students. The Utilization Factor is 1.0% and all buildings are listed to be in satisfactory condition.

Aerial of JBES

**Community Significance**

JBES is located in Jensen Beach, Florida, a small community located on the east coast in a small town settled in the 19th century. It was named for John Laurence Jensen, originally from Denmark, arrived in 1881 and began a pineapple plantation. By 1895 Jensen Beach was known as the pineapple "Capital of the World". The pineapple legacy is still celebrated during the Jensen Beach Pineapple Festival.

Jensen Beach is also known for their beaches and being a location for several species of turtles to nest.

**2.0 Campus Design**

The site of the campus is well maintained and is surrounded by suburban neighborhoods, a post office and a church.

Vehicles access the site heading north or south on NE Savanna Road, then turning right (east) into a single point entry. To the north is staff parking and to the south is visitor parking. A community playground is located to the east of the staff parking. East of the visitor parking are Buildings 2, 3 and 5, which are all under a single standing seam metal roof. Buildings 2, 3 and 5 are interconnected by exterior and interior corridors. As a result of the plan has many of the interior rooms do not have access to natural light. In many resent studies have demonstrated the need to increase natural light in classrooms. One study stated that one of the simplest ways to improve test scores is to increase natural light.

Building 2 includes Administration Offices, Offices, Conference Rooms, the Kitchen and Cafeteria with a Stage, various types of Classrooms, various types of Labs, Restrooms, Storage and Supports Spaces.

Building 3 includes Primary Skills Lab, ESE Classrooms, Restrooms, Support Space and Office Space.

Building 5 includes the Music Classroom, Teacher's Planning, Storage, Staff Restrooms and Support Spaces.

Building 6 is a Covered Play Area with PE Storage, Restrooms and Support Space.

Building 9 includes Primary Classrooms, ESE Lockers and Showers, Student Restrooms, Student Storage and Support Spaces.

Building 99 includes two units of Portable Classrooms.

Building 9902 is a Portable Classroom.

**Site Recommendations:**

1. Provide a new facility design were all rooms that are occupied have access to natural light.
2. New LED light fixtures for parking and exterior of buildings
3. Repair and replace underground storm sewer.
4. Landscaping for court yards to provide shaded areas for study.
5. Improve all covered walkways to provide ADA Compliance.

### 2.1 Buildings 2, 3 and 5

Building 2 houses Administration Offices, Offices, Conference Rooms, the Kitchen and Cafeteria with a Stage, various types of Classrooms, various types of Labs, Restrooms, Storage and Supports Spaces. Building 3 includes Primary Skills Lab, ESE Classrooms, Restrooms, Support Space and Office Space. Building 5 includes the Music Classroom, Teacher's Planning, Storage, Staff Restrooms and Support Spaces.

The existing structural system for these buildings is includes a steel roof deck mechanically fastened to steel joists and bearing on a concrete tie beam and steel angles. The joists are embedded and bear on the tie bear, which bears on the 8" concrete masonry units (CMU). All of the CMU walls bear on concrete footings with steel reinforcing. The foundation wall is CMU. All areas have a 4" concrete slab with woven wire mesh.

The buildings are one story with joist bearing on the exterior and some interior CMU walls is at approximately 11'-0" above the finish floor. The joist bearing for the corridors is approximately 8'-8" above the finished floor. The joists do not appear to be braced laterally and would not meet current codes. The existing wall construction included two types of wall partitions, exterior and interior 8" CMU and interior gypsum wall board (GWB) over 3 5/8" or 6" steel studs. The interior of the CMU has GWB mechanically fastened to 2x4 wood blocking mechanically fastened to the CMU. The exterior wall finish is stucco.

During the onsite review of the existing roof, which is a standing seam metal roof, the Head of Operations informed the site review team that this metal roof was "recently installed", but he was uncertain of the date of its installation. No as builts for this roof replacement were available. The Director of Facilities provided additional information that clarified the at that time the roof wasn't replaced, but was coated with a Tremco product to prevent water infiltration. As builts were available for one of the renovations where the original existing roof is noted and graphically represented as a built up roof over rigid insulation over metal roof deck. During this renovation, over a new addition, the roof construction consists of a built up roof over 4" of light weight concrete over a steel deck. These drawings were dated November, 1979. In another set

of as builts, dated October 26, 1993, over an addition the roof is noted and graphically represented as a, “Butler CMR 24 Metal Roof Assembly.” These drawings also contain notes that the metal roof over the addition is to match the existing Butler roof. So the metal roof was installed over the built up roof some time before 1993. The metal roof has a white finish that appears to be failing, the coating is turning to a power like substance. The metal was installed over a modified roof creating an interstitial space that does not have fire protection sprinklers, which are required by current building code.

Only a few rooms have exposed ceilings where the metal deck could reviewed without destructive investigation. In the rooms with exposed ceiling some minor corrosion and signs of water infiltration were observed. The steel joists also had signs of minor corrosion along the top cord.

Building 2, 3 and 5’s roofing system does meet current Energy Code requirements and current Florida Building Code (FBC), given its age. The existing steel deck would not meet the 2017 edition of the FBC. The lower roofs located at the perimeter of these buildings would also have to be replaced. The roofs do not meet current FBC wind load requirements.

The roofing system, as was noted earlier, for these buildings covers 3 buildings; Building 2, Building 3 and Building 5. All roof areas are sloped to the perimeter ½” per foot. All the roof areas have a roof ridge that divides each roof area down the minor and have the same slope on both sides. The storm drainage is handled by metal gutters and metal downspouts. Some, but not all of the downspouts are connected to an underground storm sewer system. Many of the downspout drain directly on sidewalks and paved areas.


Aerial of JBES Roofs

Buildings 2, 3 & 5 Looking East

Buildings 2, 3 & 5 Looking West

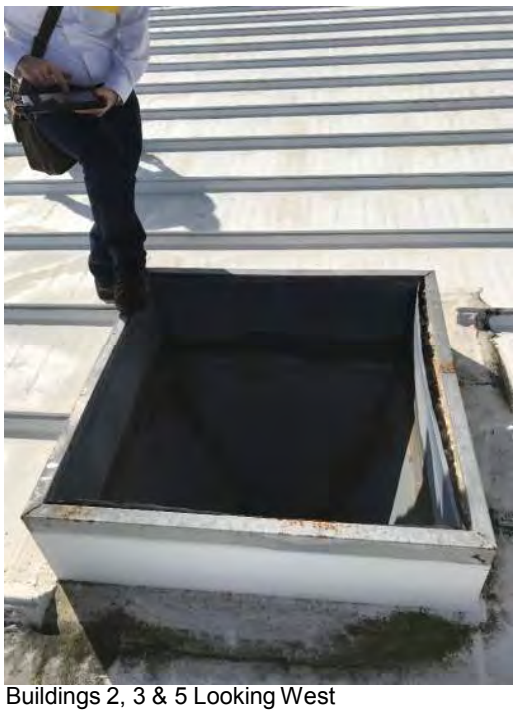
Buildings 2, 3 & 5 Looking Northeast

Buildings 2, 3 & 5 Looking Southeast

Buildings 2, 3 & 5 Looking Northwest

Buildings 2, 3 & 5 Looking West

Buildings 2, 3 & 5 Finish Failing



Buildings 2, 3 & 5 Looking West

Buildings 2, 3 & 5 Slash Block at HVAC Unit

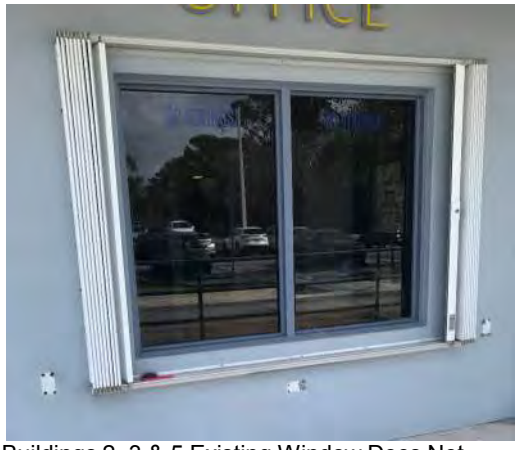
Buildings 2, 3 & 5 Top of Hood Missing

Asbestos may be present in the metal roofing system given that it was installed prior to Asbestos is probably present in the insulation and sealants, which is typical for roof construction at the time this campus was constructed and requires abatement. (Destructive testing on roofs to determine material content is not performed until the roof is removed for re-roofing or demolition.) Refer to Attachment 1 for Asbestos Report.

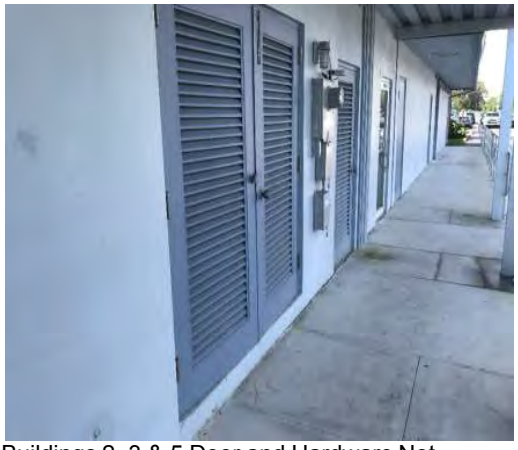
Entry to Administration


The exterior doors, door frames and windows show wear and corrosion. They do not meet current Energy Code requirements nor do they meet the current wind pressure requirements from the 2017 Florida Building Code.

The doors and windows should be replaced. None of the facility was constructed to current wind codes. Especially vulnerable are those parts of the buildings structure around fenestrations. The exterior should have subsurface investigation to determine if reinforcing is required to meet current wind load requirements. Although the exterior of the building do not meet current FBC requirements and must be “hardened”.



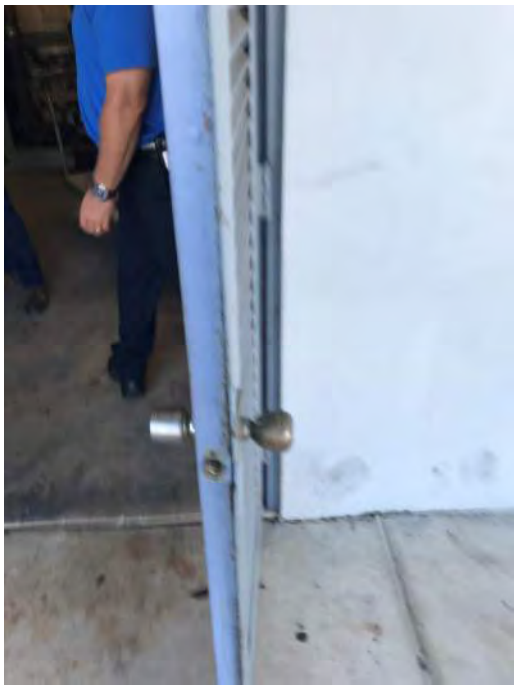
Buildings 2, 3 & 5 Existing Window Does Not Meet FBC Pressure Requirements



Buildings 2, 3 & 5 Door and Hardware Not ADA Compliant

The door hardware for both exterior and interior doors is not ADA compliant and needs to be brought up to current requirements. This includes levers, hinges, strikes, closers, thresholds, panic hardware and weather proofing.
The exterior and interior doors, door frames and interior view panels show wear and the finishes are worn and faded.

Buildings 2, 3 & 5 Door and Hardware Not ADA Compliant



Buildings 2, 3 & 5 Door and Hardware Not ADA Compliant and is Corroded

Storage is inadequate in all areas of Buildings 2, 3 and 5.

In general, the existing finishes are faded and decaying.
The exterior wall finish is painted stucco over CMU and requires patching all most surfaces. All exterior walls require painting.

The interior wall construction includes 5/8" GWB on both sides of steel stud framing or CMU. All interior walls require painting.

The restrooms have ceramic tile finish on the walls and is faded and requires replacement.

4" resilient base is installed in most rooms, the kitchen has quarry tile base and restrooms have ceramic base. Where the rubber base is installed the adhesive has begun to fail and base has become separated from the wall surface. In the men's room, the rooms have a persistent background odor of urine, probably originating in the grout.

Three types of floor finishes are included in the buildings; quarry tile, ceramic tile, Vinyl Composition tile and concrete. All worn and faded and require replacement.

The concrete sidewalks connected with Buildings 2, 3 and 5 need some minor repair. In several place downspout drain directly on them.

Storm Drainage Not Tied in to the Underground Storm Sewer System

**HVAC for Campus**

HVAC system operates primarily on a chilled water loop. Chilled water is generated by two 170-ton air-cooled chillers manufactured by Trane. Chillers use refrigerant R-134A, which is still in wide use today and faces no significant legal sanctions. Years of chiller manufacture: 2005 and 2012. Centrifugal chillers are generally regarded as having a 25 year service life, leaving these chillers with 12 and 19 years of life respectively. Chiller operational noise is quite loud and affects instruction conducted on nearby exterior athletic area.

*Degraded Insulation*

Chilled water loop uses a primary / secondary pumping configuration. Chilled water pumps show surface age and corrosion but otherwise meet modern efficiency standards and likely still have ten years of service life remaining. Exterior chilled water insulation is severely degraded and must be replaced.

Building HVAC uses an antiquated pneumatic control system. System would need to be replaced with modern BACNet architecture as part of any upgrade. PC-based energy management software permits oversight of component status but provides limited to no ability to change set point or schedule operation.

Interior air conditioning is accomplished by modular chilled water air handling units in mechanical rooms and above-ceiling fan coil units. Modular air handling units are at or near the end of their median 20-year service lifetimes. Above-ceiling fan coil units appear to be beyond their useful service lifetimes.

Air conditioning is supplemented in several areas by stand-alone direct-expansion equipment for areas such as the kitchen (both for occupants and commercial refrigeration). Systems are in good condition and serviceable but should be replaced with new (for commercial refrigeration) or chilled water (for occupant cooling) as part of any substantial facility renovation. The air-cooled chillers are in excellent shape and have substantial service life remaining. They could be saved and re-used as part of any potential facility HVAC upgrade, though an improved acoustical enclosure would likely be advised. Other system components such as pumps, chilled water insulation, control system, chilled water AC and direct-expansion AC are either severely degraded, at the end of their useful service lives, or otherwise would play no role in a modern, code-compliant AC system.

Items of note:

- Kitchen occupant cooling direct-expansion AC is new within the last two years and could be relocated to another facility owned by the Martin Co. School District.
- Kitchen exhaust fan for the dishwasher was damaged during Hurricane Irma and is currently out of service. This is likely forcing the direct-expansion AC to work harder than intended.
- Hurricane Irma destroyed the weather cover for air intake associated (it seems) with AHU-8.

*Weather Cover Removed by Irma*

Rainwater is likely flowing freely into the unit and draining out via the condensate drain. Unit mixing box access door would not open. Interior condition could not be assessed.

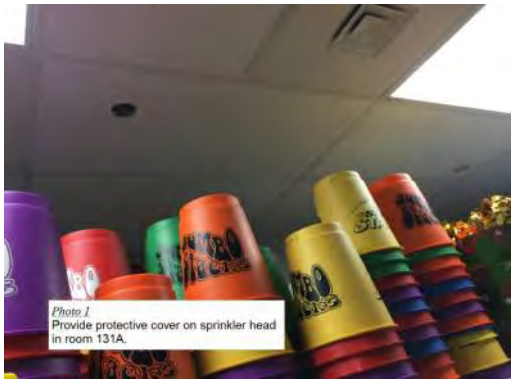
- Numerous exhaust fans are not currently working due to an electrical power problem. This is likely compromising indoor air quality.
- The classrooms in Building 5 were subdivided from what was originally a larger contiguous space. Occupants report air pressure problems, suggesting a proper return air pathway was not maintained.
- Occupants report condensation on interior walls during some parts of the season.

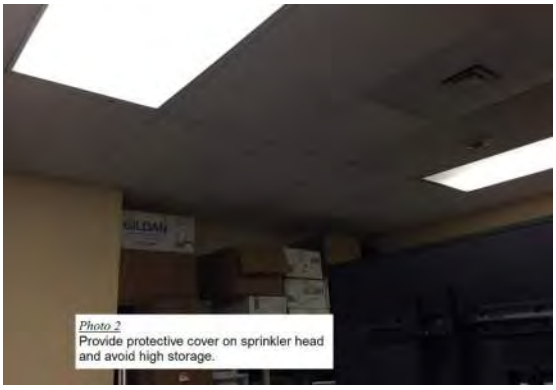
**Fire Suppression System:**
The campus has a partial fire suppression system in the auditorium stage area, the kitchen hood and one piece of cooking equipment located within the footprint of the hood.

- Per the Florida Building Code (2017) the campus falls under Educational Group E.

  3.Group E - An *automatic sprinkler system* shall be provided for Group E occupancies as follows:

  - Throughout all Group E *fire areas* greater than 12,000 square feet (1115 $m^2$) in area.
  - Throughout every portion of educational buildings below the lowest *level of exit discharge* serving that portion of the building.
    **Exception:** An *automatic sprinkler system* is not required in existing educational buildings unless 50 percent of the aggregate area of the building is being remodeled.
- NFPA 13 (2013) categorizes Education as Light Hazard, defined as occupancies or portions of other occupancies where combustibility is low, quantity of combustibles is moderate, stockpiles of combustibles do not exceed 8 ft., and fires with moderate rates of heat release are expected.
- Protective cover on sprinkler head needs to be re-installed and avoid high storage.




**Domestic Service Water Heating System:**
The campus is served by series of electric water heaters located throughout the campus for service to the associated area. The Median Service Life of an electric water heater is approximately 13 years.

- The age of the water heater(s) varies, one made in 2005 (13 years old), one made in 2012 (6 years old), another about the same time. As water heaters age, their efficiency decreases.
- The majority of the visible hot water piping was not insulated, which is a loss of energy and does not meet the current Florida Energy requirements.

- The water heaters are not piped according to the current plumbing code requirements (see 2017 FPC, sections 502, 503, 504 and, section 607).
- Hot water recirculating system piping does not exist and therefore does not meet the plumbing code requirements, where applicable. (See 2017 FPC section 607.2).

*Photo 3*
Electric water heater in room 148.


*Photo 6* - Electric water heater in room 3

**Plumbing system:**

The visible plumbing systems reflects the age of the building and are in need of replacement or remodel. Areas that have been impacted are the sanitary system and the storm system.

- Plumbing fixtures are older and not up to current water efficiency standards, per FPC 604.4 "The maximum water consumption flow rates and quantities for all plumbing fixtures and fixture fittings shall be in accordance with Table 604.4."

TABLE 604.4
MAXIMUM FLOW RATES AND CONSUMPTION FOR
PLUMBING FIXTURES AND FIXTURE FITTINGS

| PLUMBING FIXTURE OR FIXTURE FITTING | MAXIMUM FLOW RATE OR QUANTITY[b] |
|---|---|
| Lavatory, private | 2.2 gpm at 60 psi |
| Lavatory, public (metering) | 0.25 gallon per metering cycle |
| Lavatory, public (other than metering) | 0.5 gpm at 60 psi |
| Shower head[a] | 2.5 gpm at 80 psi |
| Sink faucet | 2.2 gpm at 60 psi |
| Urinal | 1.0 gallon per flushing cycle |
| Water closet | 1.6 gallons per flushing cycle |

- Kitchen – Some of the sanitary connection points are not up to code standards. See State of Florida Department of Health Chapter 64E-11 Food Hygiene.

- Grease interceptor – The grease interceptor could not be located and is a required item. It must be installed per the State of Florida Department of Health Chapter 64E-6 Standards for Onsite Sewage Treatment and Disposal System.

**Electrical for Campus**

Interior lighting - 2' by 4' fluorescent lighting mainly. Look in good shape. Stage had incandescent high hats and track lighting. Bulbs could be changed out for energy savings. This will require lighting to be brought up to current code. Daylight harvesting, 50% receptacle controls in all offices, open offices and computer classrooms. This will require new light fixture that are capable of dimming.

*Exterior Lighting Needed*

hazard. Broken pipe with exposed wiring was observed from the roof. Recommend updating to led lighting in the parking lot for energy cost saving and ease of maintenance.

Emergency generator 40KW Winco generator. Looks to be at end of life. Recommend replacement. **Fire Alarm for Campus**

Fire Alarm Panel appears to have been replaced in last 2 years. Device appear to be mixed with older and newer devices (mainly newer looking). Recommend replacement of older fire alarm devices.

*Exposed Wiring above Ceiling*

Exterior lighting – Site lights in parking lot and over the cover playground area with Metal halide or High pressure sodium, recommend replacement site lighting looked dated with LED. Exterior wall mounted lights on building face are low hung. Building Engineer reported this is issue for vandals. One exterior corridor has no lighting and this creates a safety

*Exterior Lighting Accessible to Vandals*

Power Distribution - Panels mixed between Eaton, Culter Hammer, Westinghouse, Federal Pacific, Gould, and Square D. Panels are in rough shape, with rust, latches not latching. Recommend new electrical grid replacement with one vendor for ease of maintenance. All panels look to be fair to poor shape and at end of life. Exposed power distribution wiring was observed above the ceiling.

**Furniture, Fixtures and Equipment**
The furniture and the equipment in most areas need to be brought up to current MCSD Furniture standards. In most areas the furniture is ad hoc and damaged.

**ADA Compliance**

ADA Requirements for Buildings 2, 3 and 5:

1. Provide ADA compliant restrooms and drinking fountains as required.
2. Provide ADA compliant accessible loading zones and routes with from parking.
3. Provide ADA compliant doors and hardware.

The design and construction of this project shall comply with the following codes and standards.

1. FBC (Florida Building Code), 2017 Edition 6, Including:
   a. FBC (Florida Existing Construction Building Code)
   b. FBC Energy Conservation
   c. FBC Mechanical
   d. FBC Plumbing
   e. FBC Fuel Gas
   f. NEC (National Electric Code) 2002; FBC Charter 27
   g. FBC Florida Accessibility Code for Building Construction
   h. FBC References, Chapter 35
   i. Florida Fire Prevention Code, FAC 69A-60, including:
      ii. NFPA 1-2004 with adopted revisions
      iii. NFPA 101-2004 with adopted revisions
      iv. NFPA Codes listed in FAC 69A-.005
      v. NFPA 45-00: Instructional Laboratories
      vi. NFPA 88B-97: Repair Garages, (Auto Lab)
      vii. Fire Safety in Existing Educational Facilities, FAC 69A-58
      i. State Requirements for Educational Facilities (SREF)
      j. ASCE 7-98: American Society of Civil Engineers
      k. UL Fire Resistance Directory

**Recommendations:**

We recommend that Buildings 2, 3 and 5 be demolished and replaced. Application of the Castaldi Formula for Modernization supports this recommendation. The items below are the specifics that would define the scope that should would need to be included if the building was to be renovated or remodeled.

a. Remove and replace the exterior lighting installed in the covered walkway and the lighting on the exterior building to meet current Energy Code requirements
b. Perform an asbestos abatement.
c. Remove lead paint.
d. Upgrade the building so that it is in compliant with the Florida Building Code and Fire Prevention requirements. Installation of Fire Protection Sprinklers is recommended.
e. Remove and replace all existing exterior and interior doors, door hardware and windows.
f. Harden all fenestrations to receive the load from the wind resistant windows.
g. Bring all required fixtures and Restrooms into compliance with ADA requirements.
h. All room finishes need to be refreshed.
i. Remove and Replace the air handling unit with equipment that meets current codes.
j. Remove and replace all plumbing fixtures.
k. Provide a fire protection system integrated with the fire alarm system that will be installed in the near future.
l. Provide and install an Energy Management System. It would improve efficiency and increase cost savings.

m. Provide and install new power systems, such as electric panels.
n. Provide and install new exterior LED lighting for the building and covered walkway.
o. Provide and install new interior LED lighting where required.
p. Upgrade the existing IT system. Upgrade the existing telephone system.
q. Provide and install a new public address system.

**2.2 Building 6 Covered Play Area**

Included in this building is a covered play area. PE storage, mechanical room and male and female restrooms are located to the southwest. As noted in the 09 15 16 FISH Report, it was built in 1993, is one story and contains approximately 9,561 sf.

The existing structural system for this building is made of a steel roof deck mechanically fastened to steel trusses and bearing on steel beams and steel angles. Which bear on concrete columns. The columns bear on concrete footing. All areas have a 4" painted concrete slab with woven wire mesh.

It is uncertain what the uplift loads are for this building as no as built drawings were available

The buildings are one story with

Buildings 6 Looking East Damaged from Hurricane

joist bearing at approximately 15'-0" above the finished floor. The trusses do not appear to be braced laterally and would not meet current codes. There are no walls exterior walls and the concrete columns are painted.

During the onsite review of the existing roof, is a mansard roof with a barrel vault is in extremely poor condition. No as builts for this roof replacement were available, but the FISH report note it's date of construction to 1993. The roof in all areas appears to be failing.

Buildings 6 Looking East and North Damaged from Hurricane

Buildings 6 Looking West and South Damaged from Hurricane

Building 6's roofing system does meet current Energy Code requirements and current Florida Building Code (FBC), given its age. The existing deck would not meet the 2017 edition of the FBC. The roof would also not meet FBC current wind load requirements.

The roofing system for all roof areas are sloped to the perimeter. The storm water sheet drains around the perimeter and are not connected to an underground storm sewer system.

This roof would not meet current wind pressure and current code requirements.

**Furniture, Fixtures and Equipment**

1. The equipment in the cover play area requires to be brought up to current MCSD Furniture standards.

**ADA Compliance**

ADA Requirements for Building 6:

1. Provide ADA compliant Restrooms and Drinking Fountains.
2. Provide ADA compliant accessible loading zones and routes with from parking.
3. Provide ADA compliant doors and hardware.

The design and construction of this project shall comply with the following codes and standards.

2. FBC (Florida Building Code), 2017 Edition 6, Including:
   - l. FBC (Florida Existing Construction Building Code)
   - m. FBC Energy Conservation
   - n. FBC Mechanical
   - o. FBC Plumbing
   - p. FBC Fuel Gas
   - q. NEC (National Electric Code) 2002; FBC Charter 27
   - r. FBC Florida Accessibility Code for Building Construction
   - s. FBC References, Chapter 35
   - viii. Florida Fire Prevention Code, FAC 69A-60, including:
     - ix. NFPA 1-2004 with adopted revisions
     - x. NFPA 101-2004 with adopted revisions
     - xi. NFPA Codes listed in FAC 69A-.005
     - xii. NFPA 45-00: Instructional Laboratories

xiii. NFPA 88B-97: Repair Garages, (Auto Lab)
xiv. Fire Safety in Existing Educational Facilities, FAC 69A-58
t. State Requirements for Educational Facilities (SREF)
u. ASCE 7-98: American Society of Civil Engineers
v. UL Fire Resistance Directory

**Recommendations:**

We recommend that Building 6, the Cover Play Area be demolished and replaced. The application of the Castaldi Formula for Modernization does not work for building with minimal construction like Building 6. The items below are the specifics that would define the scope that should would need to be included if the building was to be renovated or remodeled.

a. Field test roofing for asbestos, moisture, structural integrity to determine if a re-roof or removal and replacement of existing roofing system is required. Also to determine if the roof deck is required to be removed and replaced. Reroof as required.
b. Remove and replace the exterior and lighting under the covered area with lighting that meets current Energy Code requirements
c. Perform an asbestos testing and abate if required.
d. Upgrade the building so that it is in compliant with the Florida Building Code and Fire Prevention requirements
e. Remove and replace all existing exterior and interior doors, door hardware and windows. Harden all fenestrations to receive the load from the wind resistant windows.
f. Bring all required fixtures and Restrooms into compliance with ADA requirements.
g. All finishes need to be refreshed.
h. Remove and replace all plumbing fixtures.
i. Provide a fire protection system integrated with the fire alarm system that will be installed in the near future.
j. Provide and install an Energy Management System. It would improve efficiency and increase cost savings for enclosed areas.
k. Provide and install new power systems, such as electric panels.
l. Provide and install new exterior LED lighting for the building and covered walkway.
m. Provide and install new interior LED lighting where required.
n. Upgrade the existing IT system. Upgrade the existing telephone system.
o. Provide and install a new public address system.

### 2.3 Buildings 9

Building 9 houses Primary Classrooms, ESE Lockers and Showers, Student Restrooms, Student Storage and Support Spaces was built in 1987 and contains 19,802 sf.

The existing structural system for this building consists of a steel roof deck mechanically fastened to steel joists and bearing on a concrete tie beam and steel angles. The joists are embedded and bear on the tie bear, which bears on the 8" concrete masonry units (CMU). All of the CMU wall bear on concrete footings with steel reinforcing. There is no foundation wall. All areas have a 4" concrete slab with woven wire mesh.

The building is one story with joist bearing on the exterior walls and some interior CMU walls is at approximately 11'-0" above the finish floor. The joists do not appear to be braced laterally and would not meet current codes. The existing wall construction included two types of wall partitions, exterior and interior 8" CMU and interior gypsum wall board (GWB) over 3 5/8" or 6" steel studs. The interior of the CMU has GWB mechanically fastened to 2x4 wood blocking mechanically fastened to the CMU. The walls exterior wall finish is stucco.

No as builts for this roofing system were available, but from observation the existing roof appears to be a built up roof and under that it is very likely that the construction is similar to the original

roofs under the metal roof over Buildings 2, 3 and 5. Which is built up roof over rigid insulation over metal roof deck. The roof on Building 6 has never been replaced or recovered.

In rooms with exposed ceilings, where the metal deck could reviewed without destructive investigation. Some minor corrosion and signs of water infiltration were observed. The steel joists also had signs of minor corrosion along the top cord.

Building 9's roofing system does not meet current Energy Code requirements and current Florida Building Code (FBC). The existing steel deck would not meet the 2017 edition of the FBC. The roof would also not meet FBC current wind load requirements.

Aerial of JBES Roofs

All roof areas are sloped to the perimeter ¼" per foot. The roof has a ridge that divides each roof area down the middle running east to west with hip like construction on the east and west ends. The storm drainage is handled by metal gutters and metal downspouts. The downspouts are connected to an underground storm sewer system.


Building 9 Looking East


Building 9 Looking South


Building 9 Looking South


Building 9 Looking Southwest

Asbestos testing on roofs is recommended in order to determine material content of the roofing system. Refer to Attachment 1 for Asbestos Report.

The doors and windows should be replaced. None of the facility was constructed to current wind codes. Especially vulnerable are those parts of the buildings structure around fenestrations. The exterior should have subsurface investigation to determine if reinforcing is required to meet current wind load requirements. Although the exterior of the building finishes refreshing and they would not meet the current FBC requirements and must be "hardened".

Building 9 Windows & Doors Does Not Meet Current FBC and ADA Requirements

The door hardware for both exterior and interior doors is not ADA compliant and needs to be brought up to current requirements. This includes levers, hinges, strikes, closers, thresholds, panic hardware and weather proofing.

The exterior and interior doors, door frames and interior view panels show wear and the finishes are worn and faded.

Storage is inadequate in all areas of Building 6.

In general, the existing finishes are faded and decaying.
The exterior wall finish is painted stucco over CMU and requires patching all most surfaces. All exterior walls require painting.

The interior wall construction includes 5/8" GWB on both sides of steel stud framing or CMU. All interior walls require painting.

The restrooms have ceramic tile finish on the walls and is faded and requires replacement.

4" resilient base is installed in most rooms, the kitchen has quarry tile base and restrooms have ceramic base. Where the rubber base is installed the adhesive has begun to fail and base has become separated from the wall surface. In the men's room, the rooms have a persistent background odor of urine, probably originating in the grout.

Three types of floor finishes are included in the buildings; quarry tile, ceramic tile, Vinyl Composition tile and concrete. All worn and faded and require replacement.

The concrete sidewalks connected with Buildings 2, 3 and 5 need some minor repair. In several place downspout drain directly on them.

**4.Buildings 99 and 9902 Portable Classrooms**
**Recommendations:**

1. The portable classrooms appear to need to be removed from campus and replaced with new classrooms in a new facility.


Buildings 99 and 9902 Do Not Meet Current FBC Wind Pressure and ADA Requirements and are in an Extreme Disrepair

**5. Lightning Protection**
The campus currently does not have lightning protection.

**Recommendations:**

1. We recommend that the UL Master Label lightning protection system be provided and installed on the campus that is compliant with NFPA 780.

**1. Proposed Use, Student Population and Scope of Replacement /Renovation**

1. The proposed use or program would remain the same as is currently designated. The demographics indicate growth in several of the neighborhoods that the school serves.

**1. Funding**
**To be determined**

**2. Equipment Costs**
**To be determined**

# Office of Educational Facilities
# Florida Department of Education

## Room Condition Change
## Building Replacement/Raze

District: Martin County School District
Contact Person: Garrett Grabowski Phone: 772-223-3105 ext. 130

Facility/Campus Name: Jensen Beach ES
Facility Number (school districts only): 14-A

Building Number(s): 2, 3, 5, 6 and 9 Parcel/Site Number(s): 15

This Proposed Project will:

☐ Change the condition of permanent rooms from satisfactory to unsatisfactory (if yes, go to Section I and complete certification in Section III). (Not applicable to community colleges)

☐ Change the condition of permanent rooms from unsatisfactory to satisfactory (if yes, go to Section I and complete certification in Section III). (Not applicable to community colleges)

■ Raze permanent building(s) (if yes, go to Section II and complete certification in Section III).

☐ Replace permanent building(s) (if yes, go to Section II and complete certification in Section III).
Major Capital Outlay Funding Source(s) – Original Building
Major Capital Outlay Funding Source(s) – Replacement Building

*This form is not required for razing a single, freestanding structure that is less than 750 NSF and is debt free, or multiple small structures on a single campus whose total area is less than 750 NSF and are debt free. This form must be completed for any structure 750 NSF or greater and any structure, regardless of size, that is not debt free.*

A. DISTRICT/COMMUNITY COLLEGE CERTIFICATION

The district/community college must submit this certification document, completed and signed by the appropriate school officials, along with all required or necessary supporting documentation pertaining to the proposed project.

The Palm Beach County District School Board hereby certifies that:

I. CONDITION CHANGE: (Not applicable to community colleges)
1. All room condition changes are consistent with State Requirements for Educational Facilities (SREF) standards and the Florida Fire Prevention Code (FFPC) requirements for the condition of space.

II. RAZE/REPLACE PERMANENT BUILDING(S):
1. All fund sources have been researched and no current indebtedness or outstanding debt exists for the building(s) that will be razed and/or replaced.
2. Funding Source(s):
   a. Original Building: Unknown

b. If Replaced: To Be Determined

3. Voters of the district have approved local bonding for the project: Yes/No
   a. Date of voter approval: _____
4. Imminent danger exists for the building(s) that will be razed and/or replaced.

III. CERTIFICATION SIGNATURES:

_____ _____

Garrett Grabowski Date
Facilities Director

_____ _____

Laurie G. Gaylord Date
Superintendent

_____ _____

Christia Li Roberts Date
Board Chair

NOTE: Certification is required by the Superintendent and Director of Facilities Planning for room condition changes. Certification is required by the Superintendent/President and Board Chair to raze or replace permanent buildings.

*Submit signed form and supporting documents to*:
Office of Educational Facilities, Room 1054
Florida Department of Education
325 West Gaines Street
Tallahassee, Florida 32399-0400

**Procedures and Processes Instructions:**

B. CONDITION CHANGE (Not applicable to community colleges)

1. RATIONALE (provide the following information, as appropriate, to justify changing the condition of spaces):
   i. In order to change the space condition from satisfactory to unsatisfactory the district must certify that the space is no longer physically safe or suitable for occupancy:
      1. Unsatisfactory space is typically designated as such due to compromising effects on the structural integrity, safety, or excessive physical deterioration of a building.
      2. Typically, space condition should be the same, either satisfactory or unsatisfactory, for all rooms in a permanent building.
      3. Space that has been determined to be unsatisfactory should not be occupied.
      4. Application of a facility replacement formula, such as the Castaldi generalized formula for modernization or other similar facilities study, does not necessarily mean that the condition of the identified spaces is unsatisfactory. The condition code cannot be changed simply due to the results of a planned replacement unless the integrity of the space meets the criteria identified to classify the space as unsatisfactory.
   i. In order to change the space condition from unsatisfactory to satisfactory the district must certify that the space has been successfully reconditioned to meet all applicable regulations regarding occupancy requirements.

1. OEF Review:
   i. Site visit by OEF staff, when necessary.
   ii. Concur with district rationale, data, and analyses:
      1. Building(s) approved as unsatisfactory; OEF will make the room condition code changes in FISH.
      2. Building(s) approved as satisfactory; OEF will make the room condition code changes in FISH.
   iii. Disagree with district rationale, data, and analyses:
      1. Building(s) not approved as unsatisfactory.
      2. Building(s) not approved as satisfactory.

1. OEF Notify District of Findings and Decision:
   i. OEF staff will analyze the district's data along with all supporting documentation, coordinate any further reviews with the district, make a final decision regarding the proposed room condition changes, and provide a timely response either approving or disapproving the proposed room condition changes.

C. RAZE/REPLACE PERMANENT BUILDING(S)

1. RATIONALE (provide the following information, as appropriate, to justify razing/replacing permanent buildings):
   i. Detailed explanation of need for the proposed project and the expected benefit to the district/community college.
   ii. General scope of the proposed project.
   iii. Building age and year of construction.
   iv. Existing capacity of building(s), include the number of student stations, classrooms, and other instructional spaces.
   v. Current number of students housed and the projected number of students to be housed in the affected building(s).
   vi. Current educational plant survey recommendations and capacity.
   vii. What alternatives have been considered besides razing/replacement and why are the alternatives not feasible?
   viii. School board/community college board approval of the concept of razing/replacing permanent buildings.
   ix. Building condition/engineer study (optional).
   x. Impact if the proposed project is not approved.

xi. Other relevant data; identify any major systems (include date, if applicable) that have been replaced or upgraded, e.g., electrical, HVAC, fire alarm, roof, plumbing, drainage, etc. Provide a general scope of work for any previous remodeling, renovation, and addition, and year completed.

2. COST ANALYSIS (Building by Building):
   i. Castaldi Analysis (or other cost analysis formula to support the proposed project).
   ii. The following five questions must be addressed:
      1. How many years will modernization extend the useful life of the modernized building(s)?
      2. Does the existing building(s) lend itself to improvement, alteration, remodeling, and expansion? If no, explain why not.
      3. Explain how a modernized and a replacement building(s) fits into a well-conceived long-range plan of the district/community college?
      4. What is the percentage derived by dividing the cost for modernization by the cost for a replacement building?
      5. A committee of district officials and independent citizens from outside the school attendance zone has determined that the replacement of the building(s) is financially justified and no other alternative is feasible? (Not applicable to community colleges)
   i. Detailed scope of work for modernization of the existing building(s).
   ii. FISH building plan and/or schematic drawings of the existing building with FISH room numbers.

2. OEF Review:
   i. Site visit by OEF staff, when necessary.
   ii. Educational adequacy review.
   iii. Concur with district/community college rationale, data, and analyses:
      3. Recommend replacement of building(s).
      4. Recommend razing building(s).
   ii. Disagree with district/community college rationale, data, and analyses:
      4. Building(s) not approved to be replaced.
      5. Building(s) not approved to be razed.

4. OEF Notify District/Community College of Findings and Decision:
   i. OEF staff will analyze the district's/community college's data along with all supporting documentation, coordinate any further reviews with the district, make a final decision regarding the disposition of the proposed project, and provide a timely response either approving or disapproving the proposed request.

Jensen Beach Elementary School
Castaldi Analysis

Building 2

| | Jensen Beach Elementary School | Castaldi Formula | | Building 2 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1970 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 50 | Years | |
| | Useful Life | 15 | Year | |
| | Building Area | 65,747 | SF | |
| | Additional Area | 5,000 | | |
| | Renovation Area | 65,747 | | |
| | Remodeling Area | 65,747 | SF | |
| | Total Area | 70,747 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 70,747 sf x $68 = $4,470,796 | | |
| | Useful Life of Modernized Building | 15 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 70,747 sf x $136/sf = $9,621,592, + Demolish 65,747 sf x $8.50 =$558,850 Total = $10,180,442 | | |
| | | | | |
| | Estimated Life of New Building | 65 Years | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $4,470,796 x 1.2 = $5,364,955 | VS | $10,180,442 |
| | | 15 x .75 = 11 | | 65 |
| | Results | $357,664 | | $146,161 |
| | Percentage of Modernization to Replacement | 40.86544913661980% | 41% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Jensen Beach Elementary School
Castaldi Analysis

Building 3

| | Jensen Beach Elementary School | Castaldi Formula | | Building 3 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1980 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 40 | Years | |
| | Useful Life | 25 | Year | |
| | Building Area | 3,141 | SF | |
| | Additional Area | 0 | | |
| | Renovation Area | 3,141 | | |
| | Remodeling Area | 3,141 | SF | |
| | Total Area | 3,141 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 3,141 sf x $68 = $213,588 | | |
| | Useful Life of Modernized Building | 25 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 3,141 sf x $136/sf = $427,176 + Demolish 3,141 sf x $8.50 =$26,699 Total = $453,875 | | |
| | | | | |
| | Estimated Life of New Building | 65 Years | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $213,588 x 1.2 = $256,306 | VS | $453,875 |
| | | 25 x .75 = 19 | | 65 |
| | Results | $10,252 | | $6,983 |
| | Percentage of Modernization to Replacement | 68.11353882169330% | 68% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Jensen Beach Elementary School
Castaldi Analysis

Building 5

| | Jensen Beach Elementary School | Castaldi Formula | | Building 5 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1980 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 40 | Years | |
| | Useful Life | 25 | Year | |
| | Building Area | 2,217 | SF | |
| | Additional Area | 0 | | |
| | Renovation Area | 2,217 | | |
| | Remodeling Area | 2,217 | SF | |
| | Total Area | 2,217 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | $2,217 sf x $68 = $150,756 | | |
| | Useful Life of Modernized Building | 25 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 2,217 sf x $136/sf = $301,512 + Demolish 2,217 sf x $8.50 =$18,845 Total = $320,357 | | |
| | Estimated Life of New Building | 65 Years | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $150,556 x 1.2 = $180,918 | VS | $320,356 |
| | | 25 x .75 = 19 | | 65 |
| | Results | $9,522 | | $4,929 |
| | Percentage of Modernization to Replacement | 51.76433522369250% | 68% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Jensen Beach Elementary School
Castaldi Analysis

Building 9

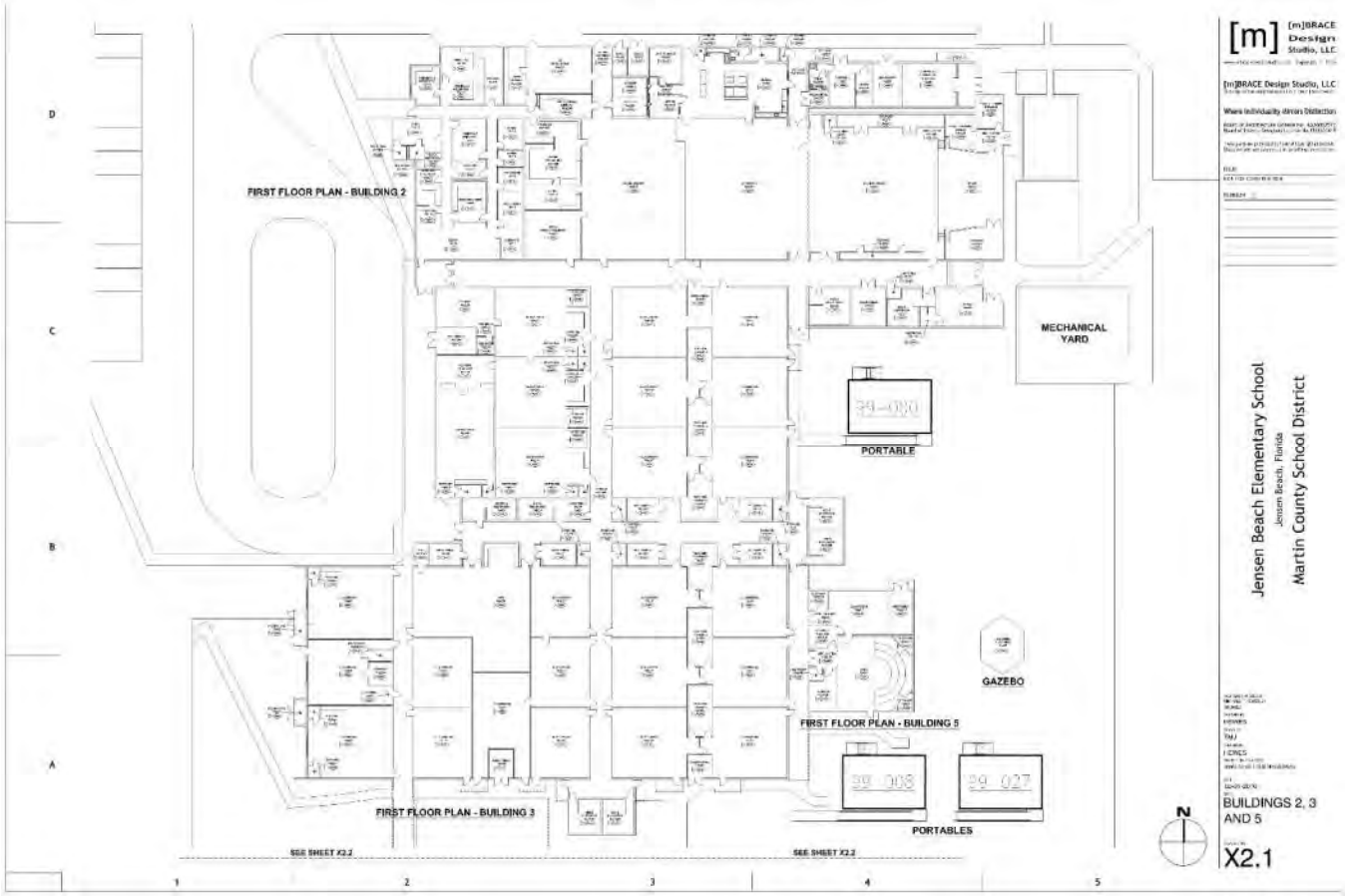
| | Jensen Beach Elementary School | Castaldi Formula | | Building 9 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 187 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 33 | Years | |
| | Useful Life | 32 | Year | |
| | Building Area | 19,802 | SF | |
| | Additional Area | 5,000 | | |
| | Renovation Area | 19,802 | | |
| | Remodeling Area | 19,802 | SF | |
| | Total Area | 24,802 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 24,802 sf x $68 = $1,686,536 | | |
| | Useful Life of Modernized Building | 32 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 24,802 sf x $136/sf = $3,373,072 + Demolish 24,802 sf x $8.50 =$210,817 Total = $3,583,889 | | |
| | | | | |
| | Estimated Life of New Building | 65 Years | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $1,686,536 x 1.2 = $2,023,843 | VS | $3,583,889 |
| | | 32 x .75 = 24 | | 65 |
| | Results | $84,327 | | $55,137 |
| | Percentage of Modernization to Replacement | 65.38475221459320% | 68% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

# Jensen Beach ES
## Facility Location


2525 NE Savannah Road
Jensen Beach, Florida 34957

Song + Associates, Inc.
Architecture • Planning • Interior Design

# FISH Site Plan, See EFIS for Inventory




## FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

### FACILITY INVENTORY REPORT

ORGANIZATION: 50-PALM BEACH COUNTY SCHOOL DISTRICT
FACILITY: GROVE PARK ELEMENTARY
FACILITY USE: ALL

**DISTRICT: 50 PALM BEACH COUNTY SCHOOL DISTRICT**

**FACILITY: 75-A GROVE PARK ELEMENTARY**

Primary Use: ELEMENTARY Grades Housed: PK - 05 DOE Validation Date: Capital Outlay Classification: SCHOOL RECOMMENDED FOR CONTINUED USE

**MASTER SCHOOL ID**

| MSID | Name | Status |
|---|---|---|
| 1411 | GROVE PARK ELEMENTARY SCHOOL | Default |

**CAPITAL OUTLAY FTE**

| Year: 2013 / 2014 | | | | | | | |
|---|---|---|---|---|---|---|---|
| PK: 0.06 | 01: 116.00 | 03: 104.28 | 05: 93.00 | 07: 0.00 | 09: 0.00 | 11: 0.00 | PK-12: 661.85 |
| KG: 122.50 | 02: 106.51 | 04: 119.50 | 06: 0.00 | 08: 0.00 | 10: 0.00 | 12: 0.00 | Adult: 0.00 |
| | | | | | | | Total: 661.85 |

**SCHOOL CAPACITY**

| SCHOOL CAPACITY | YEAR ROUND CAPACITY | UTILIZATION FACTOR | PRIMARY USE |
|---|---|---|---|
| 1,080 | 1,296 | 1.00 | ELEMENTARY |



Report Date: 8/25/2014 1:01:21 PM

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

ORGANIZATION: 43-MARTIN COUNTY SCHOOL DISTRICT

FACILITY: JENSEN BEACH ELEMENTARY

FACILITY USE: ALL

**DISTRICT: 43 MARTIN COUNTY SCHOOL DISTRICT**

**FACILITY: 14-A JENSEN BEACH ELEMENTARY**

Primary Use: ELEMENTARY Grades Housed: PK - 05 DOE Validation Date: Capital Outlay Classification: SCHOOL RECOMMENDED FOR CONTINUED USE

**MASTER SCHOOL ID**

| MSID | Name | Status |
|---|---|---|
| 211 | JENSEN BEACH ELEMENTARY SCHOOL | Default |

**CAPITAL OUTLAY FTE**

| Year: 2015 / 2016 | | | | | | | |
|---|---|---|---|---|---|---|---|
| PK:6.83 | 01:112.00 | 03:105.50 | 05:110.42 | 07:0.00 | 09:0.00 | 11:0.00 | PK-12:633.23 |
| KG:91.00 | 02:112.50 | 04:94.98 | 06:0.00 | 08:0.00 | 10:0.00 | 12:0.00 | Adult:0.00 |
| | | | | | | | Total:633.23 |

**SCHOOL CAPACITY**

| SCHOOL CAPACITY | YEAR ROUND CAPACITY | UTILIZATION FACTOR | PRIMARY USE |
|---|---|---|---|
| 722 | 866 | 1.00 | ELEMENTARY |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

**PARCEL: 15**

2525 NE SAVANNA ROAD

JENSEN BEACH, FL 34957

| | | |
|---|---|---|
| Parking: DEVELOPED | Owner: SCHOOLBOARD | Fire: 7 |
| Athletic: INCLUDED WITHSITE | Water: PUBLIC | Police: COUNTY |
| Sewage: PUBLIC | Plan: COMPACT | Drainage: ADEQUATE |
| Landscape: PARTIALLYDEVELOPED | Playground: INCLUDED WITHSITE | Acreage: 20.00 |
| Date Acquired: 1/1/1967 | | Lease ExpirationDate: |

**DISTRICT: 43 MARTIN COUNTY SCHOOL DISTRICT**

**FACILITY: 14-A JENSEN BEACH ELEMENTARY**

**BUILDING: 2 - Building Number 00002**

| | | |
|---|---|---|
| Owner: SCHOOLBOARD | Light: ADEQUATE | Cooling: LOCALZONE |
| Use: ESEZONE | Mech Vent: ADEQUATE | Heat Source: ELECTRIC |
| Year Constructed: 1970 | Artificial Lighting: SHIELDEDFLORESCENT | Heat Distribution: ZONE HOTAIR |
| YearModified: | Educational TV: COMMERCIALANTENNA | Heat Capacity: ADEQUATE |
| Average Age NSF: 1985 | Intercom: TWO WAYCOMPLETE | Walls: STUCCO |
| Relocatable Units: 0 | Telephone: PARTIALSYSTEM | Struct Comp: CONCRETE |
| Stories: 1 | | Corridor: DOUBLEINSIDE |

| ROOM | NETSQ FT | DESIG N COD E | DESCRIPTION | S T U S T A | FL R LO C | FLOORCOVER | YEAR CONST | CONDITION | BLDG | PAR | FAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | 560 | 334 | CUSTODIAL EQUIPMENTSTORAGE | 0 | 01 | CONCRETE | 2010 | SATISFACTORY | 2 | 15 | 14 |
| 002 | 225 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 003 | 236 | 332 | CUSTODIAL WORKAREA | 0 | 01 | COMPOSITIONTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 003A | 102 | 332 | CUSTODIAL WORKAREA | 0 | 01 | COMPOSITIONTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 003B | 42 | 821 | STAFF RESTROOM (BOTHSEXES) | 0 | 01 | QUARRYTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 003C | 95 | 332 | CUSTODIAL WORKAREA | 0 | 01 | COMPOSITIONTILE | 1981 | SATISFACTORY | 2 | 15 | 14 |
| 004 | 1242 | 346 | KITCHEN FOODPREPARATION | 0 | 01 | QUARRYTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 004A | 48 | 821 | STAFF RESTROOM (BOTHSEXES) | 0 | 01 | QUARRYTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 004B | 15 | 350 | OTHER FOODSERVICE | 0 | 01 | QUARRYTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 004C | 294 | 342 | KITCHEN DRYSTORAGE | 0 | 01 | QUARRYTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 004D | 22 | 331 | CUSTODIAL SERVICECLOSET | 0 | 01 | CONCRETE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 004E | 120 | 350 | OTHER FOODSERVICE | 0 | 01 | OTHER | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 004F | 74 | 700 | INSIDECIRCULATION | 0 | 01 | COMPOSITIONTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 004G | 134 | 343 | KITCHENOFFICE | 0 | 01 | COMPOSITIONTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 004H | 94 | 350 | OTHER FOODSERVICE | 0 | 01 | OTHER | 2010 | SATISFACTORY | 2 | 15 | 14 |
| 004J | 80 | 350 | OTHER FOODSERVICE | 0 | 01 | OTHER | 2010 | SATISFACTORY | 2 | 15 | 14 |
| 005 | 70 | 703 | ELECTRICALROOM | 0 | 01 | CONCRETE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 006 | 70 | 703 | ELECTRICALROOM | 0 | 01 | CONCRETE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 007 | 2700 | 340 | DININGAREA | 0 | 01 | COMPOSITIONTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 015A | 164 | 815 | STUDENT RESTROOM(MALE) | 0 | 01 | CERAMICTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 015B | 195 | 816 | STUDENT RESTROOM(FEMALE) | 0 | 01 | CERAMICTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 016A | 166 | 815 | STUDENT RESTROOM(MALE) | 0 | 01 | CERAMICTILE | 2010 | SATISFACTORY | 2 | 15 | 14 |
| 016B | 193 | 816 | STUDENT RESTROOM(FEMALE) | 0 | 01 | CERAMICTILE | 2010 | SATISFACTORY | 2 | 15 | 14 |
| 017 | 190 | 823 | PUBLIC USE RESTROOM(FEMALE) | 0 | 01 | QUARRYTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 017A | 190 | 822 | PUBLIC USE RESTROOM(MALE) | 0 | 01 | QUARRYTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 018 | 88 | 703 | ELECTRICALROOM | 0 | 01 | CONCRETE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 019 | 1043 | 1 | PRIMARY CLASSROOM(K-3) | 18 | 01 | CARPET | 1970 | SATISFACTORY | 2 | 15 | 14 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 019A | 80 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 019B | 20 | 813 | STUDENT STORAGE | 0 | 01 | COMPOSITION TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 019C | 25 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | QUARRY TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 020 | 1022 | 1 | PRIMARY CLASSROOM (K-3) | 18 | 01 | CARPET | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 020A | 75 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 020B | 20 | 813 | STUDENT STORAGE | 0 | 01 | COMPOSITION TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 020C | 23 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | QUARRY TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 021 | 1044 | 1 | PRIMARY CLASSROOM (K-3) | 18 | 01 | CARPET | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 021A | 77 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 021B | 20 | 813 | STUDENT STORAGE | 0 | 01 | COMPOSITION TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 021C | 23 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | QUARRY TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 028 | 1072 | 60 | E S E PRE-K | 5 | 01 | COMPOSITION TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 028A | 50 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 028B | 23 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | QUARRY TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 029 | 338 | 315 | TEACHER PLANNING OFFICE | 0 | 01 | COMPOSITION TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 030 | 372 | 316 | TEACHER LOUNGE/DINING | 0 | 01 | COMPOSITION TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 030A | 46 | 700 | INSIDE CIRCULATION | 0 | 01 | COMPOSITION TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 030B | 37 | 821 | STAFF RESTROOM (BOTH SEXES) | 0 | 01 | QUARRY TILE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 030C | 240 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 100 | 436 | 304 | RECEPTION AREA | 0 | 01 | COMPOSITION TILE | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 100A | 641 | 700 | INSIDE CIRCULATION | 0 | 01 | CARPET | 2010 | SATISFACTORY | 2 | 15 | 14 |
| 101 | 280 | 305 | PRODUCTION WORKROOM | 0 | 01 | COMPOSITION TILE | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 102 | 211 | 303 | SECRETARIAL SPACE | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 103 | 103 | 309 | VAULT/STUDENT RECORDS | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 65 | 820 | STAFF RESTROOM (FEMALE) | 0 | 01 | COMPOSITION TILE | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 105 | 34 | 819 | STAFF RESTROOM (MALE) | 0 | 01 | COMPOSITION TILE | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 106 | 254 | 307 | CLINIC | 0 | 01 | COMPOSITION TILE | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 106A | 33 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | CERAMIC TILE | 1996 | SATISFACTORY | 2 | 15 | 14 |
| 106B | 33 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | CERAMIC TILE | 1996 | SATISFACTORY | 2 | 15 | 14 |
| 107 | 132 | 303 | SECRETARIAL SPACE | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 108 | 230 | 303 | SECRETARIAL SPACE | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 109 | 225 | 300 | PRINCIPAL/DIRECTOR OFFICE | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 110 | 255 | 308 | GENERAL SCHOOL STORAGE | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 111 | 252 | 306 | CONFERENCE ROOM | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 112 | 143 | 314 | ITINERANT OFFICE | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 113 | 75 | 317 | GENERAL SCHOOL SPACE | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 114 | 110 | 314 | ITINERANT OFFICE | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 115 | 176 | 306 | CONFERENCE ROOM | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 116 | 150 | 303 | SECRETARIAL SPACE | 0 | 01 | COMPOSITION TILE | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 117 | 2612 | 380 | LIBRARY (READING ROOM/STACKS) | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 117A | 248 | 700 | INSIDE CIRCULATION | 0 | 01 | CARPET | 2010 | SATISFACTORY | 2 | 15 | 14 |
| 118 | 252 | 385 | CLOSED CIRCUIT TV LAB | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 118A | 180 | 703 | ELECTRICAL ROOM | 0 | 01 | COMPOSITION TILE | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 118B | 174 | 700 | INSIDE CIRCULATION | 0 | 01 | COMPOSITION TILE | 2010 | SATISFACTORY | 2 | 15 | 14 |
| 118C | 5 | 707 | TELEPHONE EQUIPMENT/COMMUNICATION CLOSET | 0 | 01 | COMPOSITION TILE | 2010 | SATISFACTORY | 2 | 15 | 14 |
| 119 | 660 | 390 | MEDIA GROUP PROJECTS/INSTRUCTION | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 119A | 256 | 301 | ASSISTANT PRINCIPAL/OTHER OFFICE | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 119B | 402 | 387 | MEDIA PRODUCTIONLAB | 0 | 01 | COMPOSITIONTILE | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 119C | 236 | 383 | AUDIO VISUALSTORAGE | 0 | 01 | COMPOSITIONTILE | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 120 | 498 | 315 | TEACHER PLANNINGOFFICE | 0 | 01 | CARPET | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 130 | 2897 | 361 | MULTIPURPOSE ROOM(DINING) | 0 | 01 | COMPOSITIONTILE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 130A | 245 | 362 | MULTIPURPOSE ROOM CHAIRSTORAGE | 0 | 01 | COMPOSITIONTILE | 1993 | SATISFACTORY | 2 | 15 | 14 |
| 130B | 107 | 362 | MULTIPURPOSE ROOM CHAIRSTORAGE | 0 | 01 | COMPOSITIONTILE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 130C | 26 | 703 | ELECTRICALROOM | 0 | 01 | COMPOSITIONTILE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 130D | 29 | 700 | INSIDECIRCULATION | 0 | 01 | COMPOSITIONTILE | 2010 | SATISFACTORY | 2 | 15 | 14 |
| 130E | 110 | 700 | INSIDECIRCULATION | 0 | 01 | COMPOSITIONTILE | 2010 | SATISFACTORY | 2 | 15 | 14 |
| 131 | 953 | 363 | STAGE | 0 | 01 | WOOD | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 131A | 315 | 364 | STAGESTORAGE | 0 | 01 | COMPOSITIONTILE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 131B | 186 | 365 | STAGE DRESSING ROOM(MALE) | 0 | 01 | COMPOSITIONTILE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 131C | 152 | 366 | STAGE DRESSING ROOM(FEMALE) | 0 | 01 | COMPOSITIONTILE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 131D | 110 | 700 | INSIDECIRCULATION | 0 | 01 | COMPOSITIONTILE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 132 | 418 | 315 | TEACHER PLANNINGOFFICE | 0 | 01 | COMPOSITIONTILE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 132A | 53 | 821 | STAFF RESTROOM (BOTHSEXES) | 0 | 01 | CERAMICTILE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 133 | 203 | 815 | STUDENT RESTROOM(MALE) | 0 | 01 | COMPOSITIONTILE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 134 | 29 | 331 | CUSTODIAL SERVICECLOSET | 0 | 01 | CERAMICTILE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 135 | 255 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 136 | 236 | 816 | STUDENT RESTROOM(FEMALE) | 0 | 01 | COMPOSITIONTILE | 1994 | SATISFACTORY | 2 | 15 | 14 |
| 139 | 115 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 140 | 975 | 2 | INTERMEDIATE/MIDDLE CLASSROOM(4-8) | 22 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 140A | 242 | 315 | TEACHER PLANNINGOFFICE | 0 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 141 | 970 | 2 | INTERMEDIATE/MIDDLE CLASSROOM(4-8) | 22 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 141A | 242 | 315 | TEACHER PLANNING OFFICE | 0 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 142 | 972 | 2 | INTERMEDIATE/MIDDLE CLASSROOM (4-8) | 22 | 01 | COMPOSITION TILE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 142A | 240 | 315 | TEACHER PLANNING OFFICE | 0 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 143 | 56 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 144 | 128 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 145 | 128 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 146 | 56 | 331 | CUSTODIAL SERVICE CLOSET | 0 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 147 | 988 | 2 | INTERMEDIATE/MIDDLE CLASSROOM (4-8) | 22 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 148 | 980 | 2 | INTERMEDIATE/MIDDLE CLASSROOM (4-8) | 22 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 149 | 988 | 10 | PRIMARY SKILLS LAB (K-3) | 18 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 150 | 56 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 151 | 988 | 2 | INTERMEDIATE/MIDDLE CLASSROOM (4-8) | 22 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 152 | 980 | 2 | INTERMEDIATE/MIDDLE CLASSROOM (4-8) | 22 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 153 | 988 | 2 | INTERMEDIATE/MIDDLE CLASSROOM (4-8) | 22 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 154 | 115 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 155 | 980 | 2 | INTERMEDIATE/MIDDLE CLASSROOM (4-8) | 22 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 155A | 242 | 315 | TEACHER PLANNING OFFICE | 0 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 156 | 980 | 2 | INTERMEDIATE/MIDDLE CLASSROOM (4-8) | 22 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 156A | 242 | 315 | TEACHER PLANNING OFFICE | 0 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 157 | 988 | 1 | PRIMARY CLASSROOM (K-3) | 18 | 01 | CARPET | 1997 | SATISFACTORY | 2 | 15 | 14 |
| 157A | 223 | 315 | TEACHER PLANNING OFFICE | 0 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 158 | 56 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 159 | 120 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 160 | 120 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1998 | SATISFACTORY | 2 | 15 | 14 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 161 | 47 | 808 | MATERIALSTORAGE | 0 | 01 | COMPOSITIONTILE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 162 | 731 | 1 | PRIMARY CLASSROOM(K-3) | 18 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 163 | 727 | 61 | E S EPART-TIME | 15 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 164 | 731 | 1 | PRIMARY CLASSROOM(K-3) | 18 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 165 | 115 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 166 | 964 | 64 | E S E PT/OTLAB | 0 | 01 | COMPOSITIONTILE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 167 | 933 | 61 | E S EPART-TIME | 15 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 168 | 738 | 62 | E S EFULL-TIME | 10 | 01 | CARPET | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 169 | 120 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 170 | 1995 | 50 | ART -ELEMENTARY | 0 | 01 | COMPOSITIONTILE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 170A | 56 | 805 | KILN | 0 | 01 | COMPOSITIONTILE | 1998 | SATISFACTORY | 2 | 15 | 14 |
| 171 | 125 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 701 | 8893 | 701 | COVEREDWALKWAY | 0 | 01 | CONCRETE | 1970 | SATISFACTORY | 2 | 15 | 14 |
| 801 | 6670 | 700 | INSIDECIRCULATION | 0 | 01 | COMPOSITIONTILE | 1970 | SATISFACTORY | 2 | 15 | 14 |

| | Satisfactory | | Unsatisfactory | | FailedStandards | | Scheduled ForReplacement | |
|---|---|---|---|---|---|---|---|---|
| | SquareFeet | StudentStations | SquareFeet | StudentStations | SquareFeet | StudentStations | SquareFeet | StudentStations |
| Permanent | 65,747 | 391 | 0 | 0 | | | | |
| TOTAL | 65,747 | 391 | 0 | 0 | 0 | 0 | 0 | 0 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

**DISTRICT: 43 MARTIN COUNTY SCHOOL DISTRICT**

**FACILITY: 14-A JENSEN BEACH ELEMENTARY**

**BUILDING: 3 - Building Number 00003**

| | | |
|---|---|---|
| Owner: SCHOOLBOARD | Light:ADEQUATE | Cooling:CENTRAL |
| Use: EXCEPTIONALSTUDENT | Mech Vent:NONE | Heat Source:ELECTRIC |
| Year Constructed: 1980 | Artificial Lighting: SHIELDEDFLORESCENT | Heat Distribution: CENTRAL HOTAIR |
| YearModified: | Educational TV:NONE | Heat Capacity:ADEQUATE |
| Average Age NSF:1980 | Intercom: TWO WAYCOMPLETE | Walls: HOLLOWBLOCK |
| Relocatable Units:0 | Telephone:NONE | Struct Comp:CONCRETE |
| Stories:1 | | Corridor: SINGLEOUTSIDE |

| ROOM | NETSQ FT | DESIGN CODE | DESCRIPTION | STUSTA | FLRLOC | FLOORCOVER | YEAR CONST | CONDITION | BLDG | PAR | FAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 022 | 1054 | 10 | PRIMARY SKILLS LAB(K-3) | 0 | 01 | COMPOSITIONTILE | 1980 | SATISFACTORY | 3 | 15 | 14 |
| 022A | 25 | 814 | STUDENT RESTROOM (BOTHSEXES) | 0 | 01 | QUARRYTILE | 1980 | SATISFACTORY | 3 | 15 | 14 |
| 022B | 25 | 808 | MATERIALSTORAGE | 0 | 01 | COMPOSITIONTILE | 1980 | SATISFACTORY | 3 | 15 | 14 |
| 023 | 48 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1980 | SATISFACTORY | 3 | 15 | 14 |
| 024 | 813 | 62 | E S EFULL-TIME | 10 | 01 | COMPOSITIONTILE | 1980 | SATISFACTORY | 3 | 15 | 14 |
| 024A | 50 | 817 | STUDENT RESTROOM &BATH | 0 | 01 | QUARRYTILE | 1980 | SATISFACTORY | 3 | 15 | 14 |
| 024B | 95 | 808 | MATERIALSTORAGE | 0 | 01 | COMPOSITIONTILE | 1980 | SATISFACTORY | 3 | 15 | 14 |
| 025 | 27 | 331 | CUSTODIAL SERVICECLOSET | 0 | 01 | COMPOSITIONTILE | 1980 | SATISFACTORY | 3 | 15 | 14 |
| 026 | 48 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1980 | SATISFACTORY | 3 | 15 | 14 |
| 027 | 931 | 61 | E S EPART-TIME | 15 | 01 | COMPOSITIONTILE | 1980 | SATISFACTORY | 3 | 15 | 14 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 027A | 25 | 814 | STUDENT RESTROOM (BOTHSEXES) | 0 | 01 | QUARRY TILE | 1980 | SATISFACTORY | 3 | 15 | 14 |

| | Satisfactory | | Unsatisfactory | | Failed Standards | | Scheduled For Replacement | |
|---|---|---|---|---|---|---|---|---|
| | Square Feet | Student Stations | Square Feet | Student Stations | Square Feet | Student Stations | Square Feet | Student Stations |
| Permanent | 3,141 | 25 | 0 | 0 | | | | |
| TOTAL | 3,141 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

**DISTRICT: 43 MARTIN COUNTY SCHOOL DISTRICT**

**FACILITY: 14-A JENSEN BEACH ELEMENTARY**

**BUILDING: 5 - Building Number 00005**

| | | |
|---|---|---|
| Owner: SCHOOLBOARD | Light:ADEQUATE | Cooling: LOCALZONE |
| Use:ELEMENTARY | Mech Vent:NONE | Heat Source:ELECTRIC |
| Year Constructed: 1980 | Artificial Lighting: SHIELDEDFLORESCENT | Heat Distribution: CENTRAL HOTAIR |
| YearModified: | Educational TV:NONE | Heat Capacity:ADEQUATE |
| Average Age NSF:1991 | Intercom: TWO WAYCOMPLETE | Walls: HOLLOWBLOCK |
| Relocatable Units:0 | Telephone:NONE | Struct Comp:CONCRETE |
| Stories:1 | | Corridor:NONE |

| ROOM | NETSQ FT | DESIGN CODE | DESCRIPTION | STUSTA | FLRLOC | FLOORCOVER | YEAR CONST | CONDITION | BLDG | PAR | FAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 041 | 960 | 55 | MUSIC -ELEMENTARY | 0 | 01 | CARPET | 1980 | SATISFACTORY | 5 | 15 | 14 |
| 041A | 475 | 40 | RESOURCEROOM | 0 | 01 | CARPET | 2001 | SATISFACTORY | 5 | 15 | 14 |
| 041B | 38 | 83 | MUSIC RELATEDSPACE | 0 | 01 | COMPOSITIONTILE | 1980 | SATISFACTORY | 5 | 15 | 14 |
| 041C | 38 | 83 | MUSIC RELATEDSPACE | 0 | 01 | COMPOSITIONTILE | 1980 | SATISFACTORY | 5 | 15 | 14 |
| 041D | 196 | 808 | MATERIALSTORAGE | 0 | 01 | COMPOSITIONTILE | 2001 | SATISFACTORY | 5 | 15 | 14 |
| 041E | 32 | 821 | STAFF RESTROOM (BOTHSEXES) | 0 | 01 | CERAMICTILE | 2001 | SATISFACTORY | 5 | 15 | 14 |
| 041F | 109 | 315 | TEACHER PLANNINGOFFICE | 0 | 01 | COMPOSITIONTILE | 2001 | SATISFACTORY | 5 | 15 | 14 |
| 041G | 66 | 808 | MATERIALSTORAGE | 0 | 01 | COMPOSITIONTILE | 2001 | SATISFACTORY | 5 | 15 | 14 |
| 041H | 188 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 2002 | SATISFACTORY | 5 | 15 | 14 |
| 041J | 35 | 700 | INSIDECIRCULATION | 0 | 01 | CARPET | 2001 | SATISFACTORY | 5 | 15 | 14 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 041K | 80 | 700 | INSIDE CIRCULATION | 0 | 01 | CARPET | 2001 | SATISFACTORY | 5 | 15 | 14 |

| | Satisfactory | | Unsatisfactory | | Failed Standards | | Scheduled For Replacement | |
|---|---|---|---|---|---|---|---|---|
| | Square Feet | Student Stations | Square Feet | Student Stations | Square Feet | Student Stations | Square Feet | Student Stations |
| Permanent | 2,217 | 0 | 0 | 0 | | | | |
| TOTAL | 2,217 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

**DISTRICT: 43 MARTIN COUNTY SCHOOL DISTRICT**

**FACILITY: 14-A JENSEN BEACH ELEMENTARY**

**BUILDING: 6 - Building Number 00006**

| | | |
|---|---|---|
| Owner: SCHOOLBOARD | Light:ADEQUATE | Cooling:NONE |
| Use:ELEMENTARY | Mech Vent:ADEQUATE | Heat Source:NONE |
| Year Constructed: 1993 | Artificial Lighting: SHIELDEDFLORESCENT | Heat Distribution: NO HEATPROVIDED |
| YearModified: | Educational TV:NONE | Heat Capacity:NONE |
| Average Age NSF:1993 | Intercom:NONE | Walls: HOLLOWBLOCK |
| Relocatable Units:0 | Telephone:NONE | Struct Comp: COMBINATION OF1-3 |
| Stories:1 | | Corridor:NONE |

| ROOM | NETSQ FT | DESIGN CODE | DESCRIPTION | STUSTA | FLRLOC | FLOORCOVER | YEAR CONST | CONDITION | BLDG | PAR | FAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | 378 | 701 | COVEREDWALKWAY | 0 | 01 | CONCRETE | 1993 | SATISFACTORY | 6 | 15 | 14 |
| 002 | 1526 | 14 | ELEMENTARY COVERED PLAYAREA | 0 | 01 | CONCRETE | 1993 | SATISFACTORY | 6 | 15 | 14 |
| 003 | 407 | 701 | COVEREDWALKWAY | 0 | 01 | COMPOSITIONTILE | 1993 | SATISFACTORY | 6 | 15 | 14 |
| 090 | 209 | 13 | ELEMENTARY P ESTORAGE | 0 | 01 | CONCRETE | 1993 | SATISFACTORY | 6 | 15 | 14 |
| 091 | 46 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1993 | SATISFACTORY | 6 | 15 | 14 |
| 092 | 94 | 815 | STUDENT RESTROOM(MALE) | 0 | 01 | CONCRETE | 1993 | SATISFACTORY | 6 | 15 | 14 |
| 093 | 94 | 816 | STUDENT RESTROOM(FEMALE) | 0 | 01 | CONCRETE | 1993 | SATISFACTORY | 6 | 15 | 14 |
| 094 | 88 | 701 | COVEREDWALKWAY | 0 | 01 | CONCRETE | 2010 | SATISFACTORY | 6 | 15 | 14 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 6719 | 14 | ELEMENTARY COVERED PLAY AREA | 0 | 01 | CONCRETE | 1993 | SATISFACTORY | 6 | 15 | 14 |

| | Satisfactory | | Unsatisfactory | | Failed Standards | | Scheduled For Replacement | |
|---|---|---|---|---|---|---|---|---|
| | Square Feet | Student Stations | Square Feet | Student Stations | Square Feet | Student Stations | Square Feet | Student Stations |
| Permanent | 9,561 | 0 | 0 | 0 | | | | |
| TOTAL | 9,561 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

**DISTRICT: 43 MARTIN COUNTY SCHOOL DISTRICT**

**FACILITY: 14-A JENSEN BEACH ELEMENTARY**

**BUILDING: 9 - Building Number 00009**

| | | |
|---|---|---|
| Owner: SCHOOLBOARD | Light:ADEQUATE | Cooling: LOCALZONE |
| Use:ELEMENTARY | Mech Vent:ADEQUATE | Heat Source:ELECTRIC |
| Year Constructed: 1987 | Artificial Lighting: SHIELDEDFLORESCENT | Heat Distribution: ZONERADIANT |
| YearModified: | Educational TV: CLOSEDCIRCUIT | Heat Capacity:ADEQUATE |
| Average Age NSF: 1987 | Intercom: TWO WAYCOMPLETE | Walls: HOLLOWBLOCK |
| Relocatable Units:0 | Telephone: PARTIALSYSTEM | Struct Comp:CONCRETE |
| Stories:1 | | Corridor: DOUBLEINSIDE |

| ROOM | NETSQ FT | DESIGN CODE | DESCRIPTION | STUSTA | FLRLOC | FLOORCOVER | YEAR CONST | CONDITION | BLDG | PAR | FAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 009A | 140 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 009B | 140 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 009C | 140 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 009D | 140 | 702 | MECHANICALROOM | 0 | 01 | CONCRETE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 051 | 982 | 1 | PRIMARY CLASSROOM(K-3) | 18 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 051A | 30 | 813 | STUDENTSTORAGE | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 051B | 78 | 818 | LOCKERS/RESTROOM/SHOWER (ESE/VOCED) | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 051C | 25 | 814 | STUDENT RESTROOM (BOTHSEXES) | 0 | 01 | CERAMICTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 052 | 982 | 1 | PRIMARY CLASSROOM(K-3) | 18 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 052A | 30 | 813 | STUDENTSTORAGE | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 052B | 78 | 818 | LOCKERS/RESTROOM/SHOWER (ESE/VOCED) | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 052C | 25 | 814 | STUDENT RESTROOM (BOTHSEXES) | 0 | 01 | CERAMICTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 053 | 982 | 1 | PRIMARY CLASSROOM(K-3) | 18 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 053A | 30 | 813 | STUDENTSTORAGE | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 053B | 78 | 808 | MATERIALSTORAGE | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 053C | 25 | 814 | STUDENT RESTROOM (BOTHSEXES) | 0 | 01 | CERAMICTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 054 | 982 | 1 | PRIMARY CLASSROOM(K-3) | 18 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 054A | 30 | 813 | STUDENTSTORAGE | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 054B | 78 | 808 | MATERIALSTORAGE | 0 | 01 | CARPET | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 054C | 25 | 814 | STUDENT RESTROOM (BOTHSEXES) | 0 | 01 | CERAMICTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 055 | 982 | 1 | PRIMARY CLASSROOM(K-3) | 18 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 055A | 30 | 813 | STUDENTSTORAGE | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 055B | 78 | 808 | MATERIALSTORAGE | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 055C | 25 | 814 | STUDENT RESTROOM (BOTHSEXES) | 0 | 01 | CERAMICTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 056 | 982 | 1 | PRIMARY CLASSROOM(K-3) | 18 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 056A | 30 | 813 | STUDENTSTORAGE | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 056B | 78 | 808 | MATERIALSTORAGE | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 056C | 25 | 814 | STUDENT RESTROOM (BOTHSEXES) | 0 | 01 | CERAMICTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 057 | 68 | 703 | ELECTRICALROOM | 0 | 01 | CONCRETE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 058 | 48 | 331 | CUSTODIAL SERVICECLOSET | 0 | 01 | OTHER | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 058A | 52 | 702 | MECHANICALROOM | 0 | 01 | OTHER | 2010 | SATISFACTORY | 9 | 15 | 14 |
| 059 | 91 | 823 | PUBLIC USE RESTROOM(FEMALE) | 0 | 01 | CERAMICTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 060 | 91 | 822 | PUBLIC USE RESTROOM(MALE) | 0 | 01 | CERAMICTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 061 | 770 | 10 | PRIMARY SKILLS LAB(K-3) | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 062 | 982 | 1 | PRIMARY CLASSROOM(K-3) | 18 | 01 | CARPET | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 062A | 30 | 813 | STUDENTSTORAGE | 0 | 01 | COMPOSITIONTILE | 1987 | SATISFACTORY | 9 | 15 | 14 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 062B | 78 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 062C | 25 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | CERAMIC TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 063 | 982 | 1 | PRIMARY CLASSROOM (K-3) | 18 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 063A | 30 | 813 | STUDENT STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 063B | 78 | 808 | MATERIAL STORAGE | 0 | 01 | CARPET | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 063C | 25 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | CERAMIC TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 064 | 982 | 1 | PRIMARY CLASSROOM (K-3) | 18 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 064A | 30 | 813 | STUDENT STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 064B | 78 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 064C | 25 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | CERAMIC TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 065 | 982 | 1 | PRIMARY CLASSROOM (K-3) | 18 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 065A | 30 | 813 | STUDENT STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 065B | 78 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 065C | 25 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | CERAMIC TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 066 | 982 | 1 | PRIMARY CLASSROOM (K-3) | 18 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 066A | 30 | 813 | STUDENT STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 066B | 78 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 066C | 25 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | CERAMIC TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 067 | 982 | 1 | PRIMARY CLASSROOM (K-3) | 18 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 067A | 30 | 813 | STUDENT STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 067B | 78 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 067C | 25 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | CERAMIC TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 068 | 982 | 1 | PRIMARY CLASSROOM (K-3) | 18 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 068A | 30 | 813 | STUDENT STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 068B | 78 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 068C | 25 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | CERAMIC TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 069 | 982 | 1 | PRIMARY CLASSROOM (K-3) | 18 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 069A | 30 | 813 | STUDENT STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 069B | 78 | 808 | MATERIAL STORAGE | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 069C | 25 | 814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 01 | CERAMIC TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 070 | 20 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 071 | 20 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 076 | 20 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 077 | 20 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 078 | 20 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 083 | 20 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 084 | 20 | 702 | MECHANICAL ROOM | 0 | 01 | CONCRETE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 085 | 20 | 703 | ELECTRICAL ROOM | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 805 | 272 | 700 | INSIDE CIRCULATION | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |
| 806 | 2080 | 700 | INSIDE CIRCULATION | 0 | 01 | COMPOSITION TILE | 1987 | SATISFACTORY | 9 | 15 | 14 |

| | Satisfactory | | Unsatisfactory | | Failed Standards | | Scheduled For Replacement | |
|---|---|---|---|---|---|---|---|---|
| | Square Feet | Student Stations | Square Feet | Student Stations | Square Feet | Student Stations | Square Feet | Student Stations |
| Permanent | 19,802 | 252 | 0 | 0 | | | | |
| TOTAL | 19,802 | 252 | 0 | 0 | 0 | 0 | 0 | 0 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

**DISTRICT: 43 MARTIN COUNTY SCHOOL DISTRICT**

**FACILITY: 14-A JENSEN BEACH ELEMENTARY**

**BUILDING: 99 - Classroom Portables**

| | | |
|---|---|---|
| Owner: SCHOOLBOARD | Light:ADEQUATE | Cooling: INDIVIDUALUNITS |
| Use:ELEMENTARY | Mech Vent:NONE | Heat Source:ELECTRIC |
| Year Constructed:2005 | Artificial Lighting: SHIELDEDFLORESCENT | Heat Distribution: INDIVIDUAL UNIT REVERSECYCLE |
| YearModified: | Educational TV: CLOSEDCIRCUIT | Heat Capacity:ADEQUATE |
| Average Age NSF:2005 | Intercom: TWO WAYPARTIAL | Walls:RELOCATABLE |
| Relocatable Units:2 | Telephone: PARTIALSYSTEM | Struct Comp:RELOCATABLE |
| Stories:1 | | Corridor:NONE |

| ROOM | NETSQ FT | DESIGN CODE | DESCRIPTION | STUSTA | FLRLOC | FLOORCOVER | YEAR CONST | CONDITION | BLDG | PAR | FAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Satisfactory | | Unsatisfactory | | Failed Standards | | Scheduled For Replacement | | | |
| 008 | 864 | 1 | PRIMARY CLASSROOM(K-3) | 18 | 01 | CARPET | 2005 | SATISFACTORY | 99 | 15 | 14 |
| | | SquareFeet | StudentStations | SquareFeet | StudentStations | SquareFeet | StudentStations | SquareFeet | | StudentStations | |
| 827 | 864 | 1 | PRIMARY CLASSROOM(K-3) | 18 | 01 | COMPOSITIONTILE | 2005 | SATISFACTORY | 99 | 15 | 14 |
| Relocatable | | 1,728 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| TOTAL | | 1,728 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

**DISTRICT: 43 MARTIN COUNTY SCHOOL DISTRICT**

**FACILITY: 14-A JENSEN BEACH ELEMENTARY**

**BUILDING: 9902 - Classroom Portable**

| | | |
|---|---|---|
| Owner: LEASE RENT | Light: ADEQUATE | Cooling: INDIVIDUAL UNITS |
| Use: ELEMENTARY | Mech Vent: NONE | Heat Source: ELECTRIC |
| Year Constructed: 2004 | Artificial Lighting: SHIELDED FLORESCENT | Heat Distribution: INDIVIDUAL UNIT REVERSE CYCLE |
| Year Modified: | Educational TV: CLOSED CIRCUIT | Heat Capacity: ADEQUATE |
| Average Age NSF: 2004 | Intercom: TWO WAY PARTIAL | Walls: RELOCATABLE |
| Relocatable Units: 1 | Telephone: PARTIAL SYSTEM | Struct Comp: RELOCATABLE |
| Stories: 1 | | Corridor: NONE |

| ROOM | NET SQ FT | DESIGN CODE | DESCRIPTION | STUS | FLR LOC | FLOOR COVER | YEAR CONST | CONDITION | BLDG | PAR | FAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Satisfactory | | Unsatisfactory | | Failed Standards | | Scheduled For Replacement | | | |
| | | Square Feet | Student Stations | Square Feet | Student Stations | Square Feet | Student Stations | Square Feet | | Student Stations | |
| 001 | 764 | 1 | (PRIMARY CLASSROOM (K-3) | | | CARPET | 2004 | SATISFACTORY | 9902 | 15 | 16 |
| Relocatable | | 764 | 18 | 0 | 18 | 0 | 0 | 0 | 0 | | 0 |
| TOTAL | | 764 | 18 | 0 | 0 | 0 | 0 | 0 | | | 0 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

**STUDENT STATIONS BY DESIGN CODE FOR:**

**FACILITY: JENSEN BEACH ELEMENTARY**

| | | Satis StuSta | | | Unsat StuSta | | | Sat | Unsat | SatisRooms | | | UnsatisRooms | | | FailStd StuSta | Repl StuSta | FailStd Rooms | Repl Rooms |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Design Code | Design Code Description | Perm | Mod | Relo | Perm | Mod | Relo | Tot | Tot | Perm | Mod | Relo | Perm | Mod | Relo | Relo | Relo | Relo | Relo |
| 00001 | PRIMARY CLASSROOM(K-3) | 360 | 0 | 54 | 0 | 0 | 0 | 414 | 0 | 20 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00002 | INTERMEDIATE/MIDDLE CLASSROOM(4-8) | 220 | 0 | 0 | 0 | 0 | 0 | 220 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00010 | PRIMARY SKILLS LAB(K-3) | 18 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00013 | ELEMENTARY P E STORAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00014 | ELEMENTARY COVERED PLAY AREA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00040 | RESOURCE ROOM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00050 | ART -ELEMENTARY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00055 | MUSIC -ELEMENTARY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00060 | E S E PRE-K | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00061 | E S E PART-TIME | 45 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00062 | E S E FULL-TIME | 20 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00064 | E S E PT/OT LAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00083 | MUSIC RELATED SPACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00300 | PRINCIPAL/DIRECTOR OFFICE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00301 | ASSISTANT PRINCIPAL/OTHER OFFICE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00303 | SECRETARIAL SPACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00304 | RECEPTION AREA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00305 | PRODUCTION WORKROOM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00306 | CONFERENCE ROOM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00307 | CLINIC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00308 | GENERAL SCHOOL STORAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00309 | VAULT/STUDENT RECORDS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00314 | ITINERANT OFFICE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00315 | TEACHER PLANNING OFFICE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | Satis StuSta | | | Unsat StuSta | | | Sat | Unsat | SatisRooms | | | UnsatisRooms | | | FailStd StuSta | Repl StuSta | FailStd Rooms | Repl Rooms |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Design Code | Design Code Description | Perm | Mod | Relo | Perm | Mod | Relo | Tot | Tot | Perm | Mod | Relo | Perm | Mod | Relo | Relo | Relo | Relo | Relo |
| 00316 | TEACHER LOUNGE/DINING | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00317 | GENERAL SCHOOL SPACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00331 | CUSTODIAL SERVICE CLOSET | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00332 | CUSTODIAL WORK AREA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00334 | CUSTODIAL EQUIPMENT STORAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00340 | DINING AREA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00342 | KITCHEN DRY STORAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00343 | KITCHEN OFFICE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00346 | KITCHEN FOOD PREPARATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00350 | OTHER FOOD SERVICE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00361 | MULTIPURPOSE ROOM (DINING) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00362 | MULTIPURPOSE ROOM CHAIR STORAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00363 | STAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00364 | STAGE STORAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00365 | STAGE DRESSING ROOM (MALE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00366 | STAGE DRESSING ROOM (FEMALE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 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 | 0 | 0 |
| 00383 | AUDIO VISUAL STORAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00385 | CLOSED CIRCUIT TV LAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00387 | MEDIA PRODUCTION LAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00390 | MEDIA GROUP PROJECTS/INSTRUCTION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 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 | 0 | 0 |
| 00701 | COVERED WALKWAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00702 | MECHANICAL ROOM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00703 | ELECTRICAL ROOM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00707 | TELEPHONE EQUIPMENT/COMMUNICATION CLOSET | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT

| | | Satis StuSta | | | Unsat StuSta | | | Sat | Unsat | SatisRooms | | | UnsatisRooms | | | FailStd StuSta | Repl StuSta | FailStd Rooms | Repl Rooms |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Design Code | Design Code Description | Perm | Mod | Relo | Perm | Mod | Relo | Tot | Tot | Perm | Mod | Relo | Perm | Mod | Relo | Relo | Relo | Relo | Relo |
| 00805 | KILN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00808 | MATERIAL STORAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00813 | STUDENT STORAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00814 | STUDENT RESTROOM (BOTH SEXES) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00815 | STUDENT RESTROOM (MALE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00816 | STUDENT RESTROOM (FEMALE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00817 | STUDENT RESTROOM & BATH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00818 | LOCKERS/RESTROOM/SHOWER (ESE/VOCED) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00819 | STAFF RESTROOM (MALE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00820 | STAFF RESTROOM (FEMALE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00821 | STAFF RESTROOM (BOTH SEXES) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00822 | PUBLIC USE RESTROOM (MALE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00823 | PUBLIC USE RESTROOM (FEMALE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals: | | 668 | 0 | 54 | 0 | 0 | 0 | 722 | 0 | 243 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# Florida DOE 2014 Report of Cost of Construction

FLORIDA DEPARTMENT OF EDUCATION
PUBLIC SCHOOL DISTRICTS

DESIGN BUILD=YELLOW

ALL CONSTRUCTION
ALL SCHOOLS

CALENDAR YEAR 2014
Construction Contract Completed Between 1/01/2014 and 12/31/2014

January 2014 Cost per student station increase
Elem 21,184
Mid 22,868
High 25,728

| Type 1=Ele 2=Mid 3=Hi 4=Oth | DISTRICT NAME | FACILITY NAME | STUDENT STATIONS | TEACHER STATIONS | NO. OF CLSRMS GRADE K-3 | NO. OF CLSRMS GRADE 4-8 | NO. OF CLSRMS GRADE 9-12 | NET SQUARE FEET | GROSS SQUARE FEET | LEGAL AND ADM COST | ARCHITECT AND ENGINEER FEES | SITE IMPROV. | CONTRACT COST | FURNITURE AND EQUIPMENT | TOTAL FACILITY COST | TOTAL COST PER STUDENT STATION | HURRICANE SHELTER | SITE COST | PUBLIC UTILITIES COST | SITE DRAINAGE AND/OR RETENTION AREA COST | PUBLIC ROAD ACCESS COST | ENVIRON. PROBLEM COST | TOTAL PLANT COST | CONST. CONTRACT COST PER STUDENT STATION | PLANT COST PER STUDENT STATION | COST PER GROSS SQUARE FOOT | REVENUE CODES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Citrus | Crystal River High School | 1,072 | 49 | | | 49 | 123,596 | 197,978 | 705,568 | 2,560,275 | | 21,473,978 | 852,167 | 35,615,381 | 33,223 | | 1,154,475 | 115,966 | | 660,355 | 410,718 | 37,361,867 | 29,360 | 35,356 | 190 | 3,16,17,18,19 |
| 1 | Gadsden | Havana PK - 08 | 306 | 21 | 11 | | | 29,978 | 29,978 | 76,500 | 458,382 | | 4,679,606 | 327,982 | 5,536,492 | 18,156 | | | | | | 22,222 | 5,558,714 | 15,286 | 18,172 | 186 | 13,15,16 |
| 1 | Indian River | Fellsmere Elementary | 0 | 0 | | | | 8,513 | 10,084 | 0 | 260,357 | 574,193 | 1,423,974 | 289,382 | 2,547,924 | 0 | 0 | 0 | 32,434 | 0 | 0 | 0 | 2,580,358 | 0 | 0 | 256 | 16 |
| 1 | Indian River | Fellsmere Elementary | 274 | 15 | 13 | | | 22,469 | 31,092 | 0 | 396,194 | 873,634 | 4,253,390 | 107,500 | 5,630,718 | 20,550 | 0 | 0 | 32,434 | 0 | 0 | 0 | 5,663,152 | 15,523 | 20,866 | 182 | 16,18 |
| 1 | Indian River | Treasure Coast Elementary | 220 | 10 | 10 | | | 12,933 | 19,486 | 0 | 296,358 | 265,000 | 3,342,273 | 126,050 | 3,841,679 | 17,917 | 0 | 0 | 1,661 | 0 | 0 | 0 | 3,843,340 | 15,192 | 17,924 | 213 | 16,18 |
| 2 | Lake | Mt. Dora MS | 352 | 16 | | 16 | | 20,000 | 28,582 | | 180,716 | 16,000 | 5,116,430 | 341,141 | 5,648,143 | 16,617 | | | | 3,300 | | | 5,652,443 | 14,518 | 16,626 | 205 | 18 |
| 3 | Lee | Dunbar High School | 1,825 | 100 | | | 25 | 239,000 | 240,000 | 5,000 | 1,037,000 | 50,000 | 23,421,827 | 3,200,000 | 27,713,827 | 15,188 | | | | | | | 27,713,827 | 12,834 | 15,188 | 107 | 18 |
| 4 | Madison | Lee Elementary | 0 | 0 | 0 | | | 749 | 788 | 0 | | 2,972 | 72,242 | 0 | 75,214 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75,214 | 0 | 0 | 96 | 18 |
| 1 | Orange | Dr. Phillips ES | 660 | 45 | 26 | 0 | 0 | 69,297 | 72,617 | 0 | 637,933 | 1,850,611 | 8,150,993 | 830,824 | 11,470,161 | 17,440 | 0 | 1,651,696 | 15,838 | 0 | 178,573 | 363,850 | 13,684,918 | 12,350 | 21,038 | 191 | 18 |
| 1 | Orange | John Young ES | 832 | 54 | 45 | 0 | 0 | 79,038 | 84,111 | 0 | 644,465 | 1,436,471 | 8,610,724 | 1,037,820 | 11,931,500 | 14,341 | 0 | 379,000 | 12,532 | 0 | 0 | 25,215 | 12,348,247 | 10,580 | 14,842 | 147 | 18 |
| 1 | Orange | Little River ES | 500 | 34 | 26 | 0 | 0 | 51,570 | 61,780 | 0 | 1,212,762 | 1,142,327 | 8,202,194 | 705,810 | 11,263,093 | 22,526 | 0 | 1,233,000 | 284,873 | 0 | 11,000 | 16,663 | 12,808,629 | 16,464 | 25,617 | 207 | 18 |
| 1 | Orange | Ocoee ES | 830 | 53 | 44 | 0 | 0 | 82,167 | 88,220 | 0 | 660,660 | 1,470,388 | 9,288,970 | 1,039,087 | 12,466,105 | 15,019 | 0 | 75,000 | 33,650 | 0 | 0 | 66,917 | 12,640,772 | 11,189 | 15,230 | 143 | 18 |
| 1 | Orange | Pinelock ES | 830 | 53 | 44 | 0 | 0 | 82,167 | 88,420 | 0 | 632,269 | 1,409,183 | 9,343,280 | 1,048,977 | 12,433,709 | 14,980 | 0 | 22,500 | 16,068 | 0 | 0 | 6,195 | 12,479,472 | 11,257 | 15,034 | 140 | 18 |
| 1 | Orange | Shingle Creek ES | 830 | 54 | 45 | 0 | 0 | 79,038 | 84,111 | 0 | 636,813 | 1,198,410 | 8,633,494 | 1,235,140 | 11,693,867 | 14,055 | 0 | 1,004,835 | 19,220 | 0 | 0 | 12,808 | 12,750,530 | 10,577 | 15,326 | 152 | 17,18 |
| 1 | Orange | Spring Lake ES | 627 | 40 | 33 | 0 | 0 | 70,056 | 72,794 | 0 | 648,909 | 1,276,130 | 9,768,510 | 874,049 | 12,565,598 | 20,041 | 0 | 16,600 | 24,169 | 0 | 0 | 27,015 | 12,633,382 | 15,580 | 20,149 | 174 | 18 |
| 1 | Orange | Washington Shores ES | 684 | 48 | 36 | 0 | 0 | 77,893 | 82,949 | 0 | 591,793 | 1,395,461 | 10,068,764 | 964,396 | 13,070,419 | 19,016 | 0 | 2,500 | 11,623 | 0 | 0 | 54,301 | 13,088,842 | 14,720 | 19,136 | 162 | 18 |
| 1 | Orange | Wheatley ES | 560 | 36 | 26 | 0 | 0 | 77,207 | 79,521 | 0 | 740,780 | 1,083,517 | 9,153,683 | 803,731 | 11,781,921 | 21,039 | 0 | 13,400 | 11,292 | 0 | 0 | 50,043 | 11,856,656 | 16,546 | 21,173 | 149 | 18 |
| 1 | Osceola | Central Avenue Elementary School | 308 | 14 | 14 | 0 | 0 | 18,333 | 19,825 | 8,150 | 144,377 | 273,882 | 2,922,928 | 233,544 | 3,482,881 | 11,308 | 0 | 0 | 0 | 0 | 0 | 0 | 3,482,881 | 9,165 | 11,308 | 176 | 18 |
| 3 | Osceola | Celebration High School | 500 | 20 | 0 | 9 | 17 | 23,300 | 35,836 | 26,108 | 288,680 | 383,943 | 4,962,091 | 475,114 | 6,166,936 | 12,334 | 0 | 0 | 0 | 0 | 0 | 0 | 6,166,936 | 9,964 | 12,334 | 172 | 18 |
| 1 | Osceola | Hickory Tree Elementary School | 309 | 14 | 14 | 0 | 0 | 13,464 | 16,535 | 7,750 | 170,631 | 231,376 | 2,397,868 | 270,428 | 3,078,073 | 9,964 | 0 | 0 | 0 | 0 | 0 | 0 | 3,078,073 | 7,785 | 9,964 | 186 | 18 |
| 1 | Palm Beach | The Conservatory School of North Palm | 753 | 52 | 52 | | | 39,891 | 117,605 | 0 | 1,570,793 | 1,970,739 | 17,577,786 | 714,515 | 21,833,833 | 28,996 | 443,316 | 0 | 0 | 100,000 | 0 | 0 | 22,377,152 | 23,344 | 29,717 | 190 | 18 |
| 1 | Pasco | Schrader Elementary | 498 | 27 | 27 | | | 75,626 | 84,560 | 0 | 741,224 | 1,217,192 | 10,620,622 | 791,552 | 13,370,609 | 26,525 | 0 | 0 | 20,084 | 167,177 | 0 | 177,270 | 13,735,131 | 21,327 | 27,581 | 162 | 18 |
| 4 | Pinellas | Pinellas Park High School | 0 | 0 | 0 | 0 | 0 | 2,000 | 2,448 | 1,546 | 45,322 | 27,845 | 587,280 | 0 | 661,993 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 661,993 | 0 | 0 | 270 | 16,19 |
| 4 | Santa Rosa | Chumuckla Elementary | 0 | 0 | | | | 13,941 | 13,806 | | 194,670 | 213,360 | 1,840,937 | 378,429 | 2,627,396 | 0 | 9,964 | | | 96,000 | | | 2,723,360 | 0 | 0 | 172 | 16,18 |
| 4 | Santa Rosa | Glenn Intermediate | 0 | 0 | | | | 3,830 | 4,133 | | 94,064 | 93,558 | 648,119 | 269,150 | 1,064,932 | 0 | | | 1,000 | 5,300 | | | 1,091,232 | 0 | 0 | 264 | 16,18 |
| 4 | Santa Rosa | Gulf Breeze High | 0 | 0 | | | | 8,036 | 8,146 | | 101,608 | 40,495 | 1,147,419 | 12,597 | 1,301,908 | 0 | | | 4,790 | 42,900 | | | 1,349,601 | 0 | 0 | 226 | 16,18 |
| 3 | Santa Rosa | Jay High | 61 | 2 | | | 2 | 6,127 | 7,037 | | 81,094 | 68,267 | 809,617 | 37,570 | 996,982 | 16,311 | | | | 24,166 | | | 1,039,108 | 13,264 | 16,707 | 145 | 16,17,18 |
| 4 | Santa Rosa | Jay High | 0 | 0 | | | | 12,285 | 14,286 | | 164,845 | 138,592 | 1,641,535 | 346,470 | 2,291,242 | 0 | | | | 49,064 | | | 2,340,306 | 0 | 0 | 164 | 16,17,18 |
| 3 | Santa Rosa | Milton High | 150 | 6 | | | 6 | 11,100 | 12,147 | | 156,107 | 91,504 | 1,668,789 | 83,406 | 1,987,805 | 13,252 | 11,662 | 0 | 23,440 | 17,500 | | | 2,040,007 | 11,112 | 13,604 | 168 | 16,18 |
| 4 | Sarasota | Booker High School | 0 | 0 | | | 0 | 290,060 | | 20,000 | 4,000,000 | 7,400,000 | 42,200,000 | 1,200,000 | 54,820,000 | 0 | 1,004,622 | 0 | 0 | 0 | 1,550,000 | 25,000 | 57,209,622 | 0 | 0 | 0 | 16,17,18,19 |
| 1 | Suwannee | Suwannee Primary School | 54 | 3 | 3 | | | 2,513 | | 0 | 27,978 | 0 | 257,884 | 23,571 | 309,433 | 5,730 | 0 | 0 | 0 | 0 | 0 | 0 | 309,433 | 4,776 | 5,730 | 0 | 16 |
| 3 | Wakulla | Wakulla High School | 20 | 1 | | | 1 | | 3,600 | | 28,681 | | 428,405 | 5,441 | 460,530 | 23,027 | 0 | 0 | 4,885 | 0 | 0 | 0 | 465,415 | 21,420 | 23,271 | 129 | 12 |

| Total | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | Elem Average | | 534 | 34 | 23 | 0 | 0 | 55,392 | 68,606 | 5,435 | 607,411 | 1,005,073 | 7,482,187 | 654,617 | 9,765,122 | 17,538 | 26,078 | 259,914 | 28,426 | 15,716 | 11,151 | 48,318 | 10,154,725 | 13,600 | 18,154 | 162 | |
| 1 | Mid Average | | 352 | 16 | 8 | 16 | 0 | 20,355 | 28,582 | 0 | 180,716 | 16,000 | 5,116,430 | 341,141 | 5,648,143 | 16,617 | 0 | 0 | 0 | 3,300 | 0 | 0 | 5,652,443 | 14,518 | 16,626 | 205 | |
| 6 | High Average | | 605 | 30 | 8 | 0 | 17 | 57,197 | 86,083 | 122,846 | 697,305 | 97,205 | 10,463,691 | 775,533 | 12,156,570 | 18,880 | 1,977 | 192,412 | 34,949 | 6,944 | 100,892 | 69,453 | 12,551,298 | 16,324 | 19,410 | 152 | |
| 8 | Other Average | | 0 | 0 | 0 | 0 | 0 | 42,321 | 6,711 | 2,693 | 606,338 | 1,957,637 | 6,195,189 | 514,480 | 8,176,326 | 0 | 126,846 | 0 | 4,778 | 27,920 | 168,758 | 4,375 | 8,508,997 | 0 | 0 | 181 | |
| 24 | State Average | | 497 | 27 | 16 | 5 | 6 | 47,645 | 58,454 | 42,760 | 561,877 | 373,071 | 7,686,739 | 590,497 | 9,256,945 | 17,651 | 9,362 | 150,775 | 17,492 | 9,953 | 37,348 | 38,924 | 9,510,493 | 14,614 | 18,563 | 173 | |

Song + Associates, Inc.
Architecture • Planning • Interior Design

# ADDENDA NO. 2

## RFQ NO. 3001-0-2019/3002-0-2019

## ATTACHMENT B

## PALM CITY ELEMENTARY SCHOOL (PCES)

**PURCHASING DEPARTMENT**
**2845 SE DIXIE HWY STUART, FL., 34997**
**TEL (772) 219-1255**
**EMAIL bids@martin.k12.fl.us**

# 2017 AHERA Re-inspection
# Palm City Elementary
# Palm City, Florida
# S&ME Project No. 4484-17-070G

Assessment Performed by and Report Prepared by:

9/7/17

Nacole Caputo (Accreditation# ME2A31728ED625463) Date

PREPARED FOR:

**Martin County School Board**
**1050 SE 10th Street**
**Stuart, Florida 34994**

PREPARED BY:

**S&ME, Inc.**
**111 Kelsey Lane, Suite E**
**Tampa, FL 33619**

**September 7, 2017**

September 7, 2017

Martin County School District
1050 SE 10th Street
Stuart, Florida 34994

Attention: Mr. Rob Phillips

Reference: **2017 AHERA Re-Inspection Report**
**Palm City Elementary School**
Palm City, Florida
S&ME Project No. 4484-17-070-G
Florida Asbestos Business Organization License #ZA0000094

Dear Mr. Phillips:

S&ME, Inc. is pleased to submit the enclosed 2017 Asbestos Hazard Emergency Response Act (AHERA) Re-inspection Report for the referenced school located in Palm City, Florida. This work was performed in general accordance with the S&ME Proposal No. 44-1700122, dated April 11, 2017.

The enclosed re-inspection report was conducted as outlined in the Environmental Protection Agency (EPA) Regulation 40 CFR 763.85 and was performed by an EPA accredited inspector and response actions determined by an accredited Management Planner. This report represents a summary of past re-inspection reports and must be used in conjunction with the original Asbestos Management Plan and subsequent three-year re-inspections to manage and track the asbestos containing building materials currently in the school. The regulation states that the Local Education Authority (LEA) shall:

- Select and implement, in a timely manner, the appropriate **response actions** for each known and assumed asbestos containing building material (ACBM). The LEA may select from response actions that protect human health and the environment and are the least burdensome methods.
- Ensure that workers and building occupants, or their legal guardians, are informed at least once each school year about inspections, response actions, and post response action activities, including periodic 3-year re-inspection and surveillance activities that are planned or in progress. (40 CFR 763.84 (c)). Copies of **notifications** must be included with this report.
  - Annual notifications were not available for S&ME to review.
- Conduct **periodic surveillance**, at least once every six months, in each building that it leases, owns, or otherwise uses as a school building that contains ACBM or is assumed to contain ACBM." (40 CFR 763.92 (b))
  - Six-month surveillance documentation was not available for S&ME to review.
- Ensure, prior to implementation of the operations and maintenance provisions of the management plan, that members of its maintenance and custodial staff (custodians, electricians, heating/air conditioning technicians, plumbers, etc.) who may work in a building that contains ACBM receive **awareness training** of at least two hours, whether or not they are

required to work directly with ACBM. New custodial and maintenance employees are to be trained within 60 days after commencement of employment. (CFR 40 763.92 (a) (1))

- The 2-hour asbestos awareness training was observed for several employees over the last three years. The school board uses safeschools.com to provide training.

- Ensure that members of its maintenance and custodial staff who conduct operations and maintenance activities that will result in the disturbance of ACBM receive the **two hour asbestos awareness training and an additional 14 hours of training**. (40 CFR 763.92 (a) (2)). Training records must be made part of each building's 3-year reinspection/management planner report.
  - Documentation for the 14-hour O&M training was not available for S&ME to review.

Based on the findings of the initial inspection and subsequent re-inspections, S&ME confirmed the following asbestos containing building materials currently in the facility.

- Drywall and joint compound
- Heating, ventilation and air conditioning (HVAC) duct mastics
- Vinyl floor tiles and mastic
- Cove base mastics
- Carpet mastics
- Fire-rated doors
- Chalkboards
- Sink condensate barriers
- Plaster coatings
- Pipe wrap insulation
- Wall glues/mastics
- Gypsum Ceiling Panels
- Resilient Sheet Flooring
- Mirror Mastics
- Metal Doors
- Stage Curtains

The Scope of Service is based on historical sampling data and the 1988 (original) AHERA Asbestos Management Plan for the Palm City Elementary School. Suspect asbestos containing materials installed in the school since the original 1988 AHERA inspection and subsequent 3-year reinspections were not sampled or analyzed as a part of this scope of work. However, the client requested samples of damaged or significantly damaged assumed ACBMs be sampled. Damaged suspect ACBMs was observed in floor tiles during our assessment.

*This report does not comply with the EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) regulatory requirements for renovation or demolition activities impacting suspect asbestos containing materials. Compliance with NESHAP requirements for renovation or demolition projects will require additional bulk sampling and analysis of any suspect interior or exterior material not sampled and analyzed in this report.*

We appreciate the opportunity to provide you with our industrial hygiene/environmental services. If you have any questions concerning this report, please call us at (813) 623-6646.

Sincerely,

**S&ME, Inc.**

*Prepared by*

Nacole Caputo, MBA, CIE
Project Manager
Management Planner

*Reviewed by*

Kenneth R. Warren, CIH
Senior Industrial Hygienist
Florida Licensed Asbestos Consultant #IA24

Attachments

AHERA RE-INSPECTION REPORT

LEA: Martin County School District

ADDRESS: 1050 SE 10th Street
Stuart, Florida 34994

TELEPHONE: (772) -223-3105

DATE: September 7, 2017

SCHOOL: Palm City Elementary School

SUBMIT TO LEA DESIGNEE

## LIST OF DOCUMENTS ATTACHED:

| | | | |
|---|---|---|---|
| X | 1. List of School Buildings | X | 6. Description of Each Sample Area & Assessment of Materials |
| X | 2. Reassessment of Areas of ACBM or Suspect ACBM | X | 7. Bulk Sample Analysis |
| ___ | 3. Added Homogenous Areas of ACBM or Suspect ACBM | X | 8. Response Actions Recommended, Response Actions Selected and Dates |
| X | 4. Diagram of School Campus | X | 9. Copy of Inspectors License |
| ___ | 5. Description of Each New Homogenous Area and Determination of Sampling Location | X | 10. Copy of Management Planners License |

No person or firm shall offer to perform, perform or be hired to perform as professionals in providing the services of inspection, preparation of management plans, designing of response actions, or supervising of response action except as properly accredited under the provisions of Public Law 99-519, EPA regulations 40 CFR Part 763 and SCDHEC Regulation 61-86.1. In addition these persons or firms performing as professionals shall be registered in South Carolina under the registration laws of the State. Such professionals shall be Independent practitioners and shall have no financial or other interest in contractors, subcontractors, manufacturers, or jobbers under their jurisdiction where direct conflict of interest could occur, except as permitted as follows.

An employee of a public school, a private school association, a private school or an A/E may provide the services of inspection, and or preparation of management plans, provided the employee is properly accredited under the "AHERA" Laws and Regulations. Where an employee of the LEA provides these services, the LEA must request a Waiver of Professional Services.

LEA DESIGNEE: _____
Name Signature & Date
Telephone No.

HOURS TRAINING: _____ AGENCY: _____ DATE: _____

PRINCIPAL: _____
Name Signature & Date
Telephone No.

INSPECTOR: Nacole Caputo
Name & Signature

AHERA LICENSE NO. MEA1D667C15FAF426 Telephone No. (813) 623-6646

MANAGEMENT PLANNER: Nacole Caputo
Name & Signature

AHERA LICENSE NO. 8301691 Telephone No. (813) 623-6646

COVER SHEET

PHOTOCOPY AS NEEDED

AHERA RE-INSPECTION REPORT

LEA: Martin County School District

1 - LIST OF BUILDINGS REINSPECTED

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 19, 2017

| BUILDING NAME/NO. | ACBM | | SUSPECT ACBM | | NO ACBM |
|---|---|---|---|---|---|
| | FRIABLE | NONFRIABLE | FRIABLE | NONFRIABLE | |
| 1 | | | X | X | |
| 2 | | | X | X | |
| 3 | | X | X | X | |
| 4 | | | X | X | |
| 9 | | | X | X | |
| 10 | | | X | X | |
| 11 | | | X | X | |
| 12 | | | X | X | |
| 16 | | | X | X | |
| 99-056 | | | X | X | |
| | | | | | |

COMMENTS: Access to Room 30 C in Building 2 was not available

It appears renovations occurred in Building 3 that affected green floor tile, green cove base, acoustical wall carpet and stage curtains. Damaged wallboard and vinyl paneling was observed in the food storage area (7D) from possible mold contamination.

It appears renovations occurred in Building 12 that affected some rooms with green floor tile, green carpet, green cove base and black cove base. NESHAP survey reports and air monitoring reports were not available for review.

2 - REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

Condition Code Legend:

1. Damaged or significantly damaged thermal system insulation ACM
2. Damaged friable surfacing ACM
3. Significantly damaged friable surfacing ACM
4. Damaged or significantly damage friable miscellaneous ACM
5. ACBM with potential for damage
6. ACBM with potential for significant damage
7. Any remaining ACBM or friable suspected ACBM

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 19, 2017

AHERA RE-INSPECTION REPORT

**Building 1:**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? YES | CHANGES? NO |
|---|---|---|---|---|---|---|---|---|---|
| Hall/Corridor | 3 | | 1'x1' VFT Tan with Streaks & Mastic | 900 SF | MISC | 5 | Non-Friable | | X |
| 1,2,26-28 | 5 | | Cove Base Mastic, Blue Cove Base | 160 SF | MISC | 5 | Non-Friable | | X |
| Hall/Corridor | 6 | | Cove Base Mastic – Black Cove Base | 100 SF | MISC | 7 | Non-Friable | | X |
| Rooms 1,2,26-28 | 7 | | Sink Barrier, Grey | 20 SF | MISC | 7 | Non-Friable | | X |
| Throughout | 8 | | Drywall and Joint Compound w/ skimcoat | 5,000 SF | MISC | 5 | Friable | | X |
| Throughout | 9 | | Plaster Coating | 1,000 SF | SUR | 5 | Friable | | X |
| Rooms 1,2,26-28 | 10 | | Green Chalkboard | 300 SF | MISC | 7 | Non-Friable | | X |
| A01,A02 | 11 | | Pipe Insulation Wrap, foamglass | unknown | TSI | 5 | Friable | | X |
| A01,A02 | 12 | | HVAC Mastic, White | unknown | MISC | 5 | Non-Friable | | X |
| A01,A02, 1, 2 | 13 | | Fire-rated Doors | 4 EA | MISC | 7 | Non-Friable | | X |

**Building 2:**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? YES | CHANGES? NO |
|---|---|---|---|---|---|---|---|---|---|
| 6Y,6K, corridor | 3 | | 1'x1' Tan With Streaks VFT and Mastic | 240 SF | MISC | 5 | Non-Friable | | X |
| 6Y,6K | 4 | | Cove Base Mastic – Cove Base Black | 40 SF | MISC | 7 | Non-Friable | | X |
| Throughout | 7 | | Drywall & Joint Compound | 22,000 SF | MISC | 5 | Non-Friable | | X |
| Throughout | 8 | | Plaster Coating | 20,000 SF | SUR | 5 | Friable | | X |

2 - REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

Condition Code Legend:

1. Damaged or significantly damaged thermal system insulation ACM
2. Damaged friable surfacing ACM
3. Significantly damaged friable surfacing ACM
4. Damaged or significantly damage friable miscellaneous ACM
5. ACBM with potential for damage
6. ACBM with potential for significant damage
7. Any remaining ACBM or friable suspected ACBM

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 19, 2017

AHERA RE-INSPECTION REPORT

**Building 2:**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | YES | NO |
| 5, 6, 6H,83,84,85,86,87 | 9 | | Sink Condensate Barrier, Grey | 18 SF | MISC | 7 | Non-Friable | | X |
| 5,6,6E,83,84,85,86,87 | 10 | | Green Chalkboard | 100 SF | MISC | 7 | Non-Friable | | X |
| 61,63 | 12 | | Pipe Insulation Wrap, White | Unknown | TSI | 5 | Friable | | X |
| 3,6,6D | 11 | | Sink Condensate Barrier, Black | 8 SF | MISC | 7 | Non-Friable | | X |
| 61,63 | 13 | | HVAC Mastic/White | Unknown | MISC | 7 | Non-Friable | | X |
| 6Y,6K, 6J (painted) | 15 | | 9'x9' Green VFT and Mastic | 60 SF | MISC | 5 | Non-Friable | | X |
| 6J, 5, 6 | 17 | | Fire-rated Doors | 4 EA | MISC | 7 | Non-Friable | | X |
| Above Drop Ceiling Throughout | 45 | | 1' x 1' Ceiling Tiles | Unknown | MISC | 7 | Friable | | X |

**Building 3:**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | YES | NO |
| 52D7C,Kitchen | 1 | | Plaster Coating | 7,000 SF | SUR | 5 | Friable | | X |
| Throughout | 2 | | Drywall and Joint Compound | 11,000 SF | MISC | 5 | Friable | | X |
| 20,20C | 4 | | 1"X1' VFT Green & Mastic | 630 SF | MISC | 5 | Non-Friable | X – Not Found[1] | |
| 20,20C | 5 | | Cove Base Mastic, Green Cove Base | 50 SF | MISC | 7 | Non-Friable | X – Not Found[1] | |
| 7,15A,22A,23A | 7 | | 2'x4' Ceiling Tile, Cloth Textured | 700 SF | MISC | 5 | Non-Friable | | X |

[1] Asbestos NESHAP survey not observed during records review

2 - REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

Condition Code Legend:

1. Damaged or significantly damaged thermal system insulation ACM
2. Damaged friable surfacing ACM
3. Significantly damaged friable surfacing ACM
4. Damaged or significantly damage friable miscellaneous ACM
5. ACBM with potential for damage
6. ACBM with potential for significant damage
7. Any remaining ACBM or friable suspected ACBM

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 19, 2017

AHERA RE-INSPECTION REPORT

**Building 3:**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | YES | NO |
| 14A,14B, 16, stage, 15A, 15C, 15E, Stage Corridors | 8 | | 1"X1' VFT Blue & Mastic | 2,200 SF | MISC | 5 | Non-Friable | | X |
| 14A,14B, 15A,15C, 15E,16,Stage | 9 | | Cove Base Mastic, Blue Cove Base | 200 SF | MISC | 5 | Non-Friable | | X |
| Cafeteria | 10 | | Acoustical Wall Carpet and Mastic | 3,000 SF | MISC | 5 | Non-Friable | X – Not Found[2] | |
| Stage | 12 | | Burgundy Stage Curtains | 2,000 SF | MISC | 5 | Non-Friable | X – Not Found[2] | |
| 15E, 20, Kitchen Entrances | 13 | | Fire-rated Doors | 8 EA | MISC | 7 | Non-Friable | | X |
| 8,14, 7D, 23, 22A | 14-01 | | Reinforced Vinyl Panel & Glue | 350 SF | MISC | 7 | Non-Friable | X – damaged (7D) | |
| 19 (Outside Laundry) | 14-02 | | 12'x12'Tan with Brown Specks VFT – Mastic is 3% Chrysotile | 180 SF | MISC | 6 | Non-Friable | X – damaged | |
| 17 (Mechanical Room) | 14-03 | | HVAC Grey Mastic | 100 SF | MISC | 7 | Non-Friable | | X |
| 17 (Mechanical Room) | 14-04 | | HVAC White Mastic | 300 SF | MISC | 7 | Non-Friable | | X |
| 17 (Mechanical Room) | 14-05 | | Pipe Insulation Wrap, foamglass | 300 LF | TSI | 5 | Friable | | X |

[2] Asbestos NESHAP survey not observed during records review

2 - REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

Condition Code Legend:

1. Damaged or significantly damaged thermal system insulation ACM
2. Damaged friable surfacing ACM
3. Significantly damaged friable surfacing ACM
4. Damaged or significantly damage friable miscellaneous ACM
5. ACBM with potential for damage
6. ACBM with potential for significant damage
7. Any remaining ACBM or friable suspected ACBM

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 19, 2017

AHERA RE-INSPECTION REPORT

**Building 4 (Former Main Office):**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | YES | NO |
| Throughout | 5 | | Drywall and Joint Compound w/ skimcoat | 3,200 SF | MISC | 5 | Friable | | X |
| 13 | 7 | | Sink Condensate Barrier, White | 3 SF | MISC | 7 | Non-Friable | | X |
| PCE.4.A01 (Mechanical Room) | 8 | | Pipe Insulation Wrap, White, foamglass | Unknown | TSI | 7 | Friable | | X |
| Not Labeled | 10 | | Fire-rated Doors | unknown | MISC | 7 | Non-Friable | | X |
| 9,13 | 14-11 | | Green Chalkboard | 18 SF | MISC | 7 | Non-Friable | | X |

**Building 9:**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | YES | NO |
| 29,33,34, 35 | 7 | | Sink Condensate Barrier, Grey | 8 SF | MISC | 7 | Non-Friable | | X |
| Throughout | 8 | | Drywall and Joint Compound | 10,500 SF | MISC | 5 | Non-Friable | | X |
| Throughout | 9 | | Plaster Coating as skimcoat | 10,000 SF | SUR | 5 | Non-Friable | | X |
| 30, 33 | 10 | | Green Chalkboard | 50 SF | MISC | 7 | Non-Friable | | X |
| 31 (PCE.9.01) | 11 | | Pipe Insulation Wrap, White, foamglass | Unknown | TSI | 5 | Friable | | X |
| Not Labeled | 13 | | Fire-rated Doors | n/a | MISC | 7 | Non-Friable | | X |
| 31 (PCE.9.01) | 12 | | HVAC White Mastic | Unknown | MISC | 7 | Non-Friable | | X |
| Hall | 3 | | 12"x12" Tan with Brown Streaks RFT | 2,000 SF | MISC | 5 | Non-Friable | | X |
| 31, 32B, Hall | 6 | | Black Cove Base | 120 SF | MISC | 5 | Non-Friable | | X |
| 30 | 14-14 | | Black Sink Condensate | 3 SF | MISC | 7 | Non-Friable | | X |

2 - REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

Condition Code Legend:

1. Damaged or significantly damaged thermal system insulation ACM
2. Damaged friable surfacing ACM
3. Significantly damaged friable surfacing ACM
4. Damaged or significantly damage friable miscellaneous ACM
5. ACBM with potential for damage
6. ACBM with potential for significant damage
7. Any remaining ACBM or friable suspected ACBM

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 19, 2017

AHERA RE-INSPECTION REPORT

**Building 10:**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | YES | NO |
| Hall | 2 | | 1'x1' Tan with Brown Lines VFT and Mastic | 900 SF | MISC | 5 | Non-Friable | | X |
| Hall | 3 | | Cove Base Mastic – Black Cove Base | 140 SF | MISC | 5 | Non-Friable | | X |
| 41, 42 | 5 | | Green Chalkboard | 75 SF | MISC | 7 | Non-Friable | | X |
| Throughout | 7 | | Plaster Coating, skimcoat | 10,000 SF | SUR | 5 | Friable | | X |
| Throughout | 8 | | Drywall & Joint Compound | 10,500 SF | MISC | 5 | Friable | | X |
| 36,37, 38, 39,40 | 10 | | Sink Condensate Barrier, Black | 10 SF | MISC | 7 | Non-Friable | | X |
| 43 | 11 | | 1'x1' Grey with Red/Brown VFT and Mastic | 640 SF | MISC | 5 | Non-Friable | | X |
| 43,43C | 12 | | Cove Base Mastic, Brown Cove Base | 40 SF | MISC | 5 | Non-Friable | | X |
| Hall, 43, 43C, 43D | 14 | | Fire-rated Doors | Unknown | MISC | 7 | Non-Friable | | X |
| 43D | 45 | | Pipe Wrap Foamglass | Unknown | MISC | 7 | Non-Friable | | X |
| 43D | 46 | | HVAC Mastic, white | Unknown | MISC | 7 | Non-Friable | | X |

**Building 11:**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | YES | NO |
| Throughout | 8 | | Drywall and Joint Compound | 14,000 SF | MISC | 5 | Non-Friable | | X |
| 44, 48,49,50,51 | 9 | | Green Chalkboard | 100 SF | MISC | 7 | Non-Friable | | X |
| Throughout | 10 | | Plaster Coating, skimcoat | 12,000 SF | MISC | 5 | Non-Friable | | X |
| 53 | 11 | | Pipe Insulation Wrap, White | Unknown | TSI | 5 | Friable | | X |
| PCE.11.A01 | 12 | | Fire-rated Doors | n/a | MISC | 7 | Non-Friable | | X |

2 - REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

Condition Code Legend:

1. Damaged or significantly damaged thermal system insulation ACM
2. Damaged friable surfacing ACM
3. Significantly damaged friable surfacing ACM
4. Damaged or significantly damage friable miscellaneous ACM
5. ACBM with potential for damage
6. ACBM with potential for significant damage
7. Any remaining ACBM or friable suspected ACBM

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 19, 2017

AHERA RE-INSPECTION REPORT

**Building 11:**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | YES | NO |
| 47A,53 | 14-13 | | HVAC White Mastic | Unknown | MISC | 7 | Non-Friable | | X |
| Throughout | 14-14 | | Cove Base Mastic, Light Blue | 2,200 SF | MISC | 5 | Non-Friable | | X |

**Building 12:**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | YES | NO |
| 59,60,~~62~~, 67A, 78A,80 Reception Desk | 1 | | 1'x1' Green VFT and Mastic | 500 SF | MISC | 5 | Non-Friable | X | |
| ~~60-68~~, 70 | 2 | | Carpet Mastic – Green Carpet | 700 SF | MISC | 7 | Non-Friable | X | |
| ~~56~~, 63, 73, ~~74~~, 78, ~~78A~~ | 3 | | Cove Base Mastic, Light Green | 100 SF | MISC | 5 | Non-Friable | X | |
| Throughout | 4 | | Drywall and Joint Compound | 8,000 SF | MISC | 5 | Friable | | X |
| 58 | 7 | | Cove Base Mastic, Light Black | 40 SF | MISC | 5 | Non-Friable | X – Not Found[3] | |
| 60, 62, 73 | 11 | | Sink Condensate Barrier, Black | 5 SF | MISC | 7 | Non-Friable | | X |
| 61, 62,75A | 12 | | Pipe Insulation Wrap, White, foamglass | Unknown | TSI | 5 | Non-Friable | | X |
| Throughout | 13 | | HVAC Yellow Mastic | Unknown | MISC | 5 | Non-Friable | | X |
| Throughout | 14 | | Fire-rated Doors | Unknown | MISC | 7 | Non-Friable | | X |
| 61 | 14-15 | | HVAC White | Unknown | MISC | 7 | Non-Friable | | X |

[3] Asbestos NESHAP survey not observed during records review

2 - REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

Condition Code Legend:

1. Damaged or significantly damaged thermal system insulation ACM
2. Damaged friable surfacing ACM
3. Significantly damaged friable surfacing ACM
4. Damaged or significantly damage friable miscellaneous ACM
5. ACBM with potential for damage
6. ACBM with potential for significant damage
7. Any remaining ACBM or friable suspected ACBM

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 19, 2017

AHERA RE-INSPECTION REPORT

**Building 16:**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | YES | NO |
| PCE.16.A02 | 1 | | Pipe Insulation Wrap, White | Unknown | TSI | 5 | Friable | | X |
| Throughout | 2 | | Plaster Coating | 30,000 SF | SUR | 5 | Friable | | X |
| 101A | 4 | | Cove Base Mastic, Black Cove Base | 60 SF | MISC | 5 | Non-Friable | | X |
| 101, 101A, 102, 103, 103B, 104, 105, 109,111,112,106B,105B,107B,107E, 115, 1113, 107 | 5 | | Drywall and Joint Compound | 35,000 SF | MISC | 5 | Friable | | X |
| Throughout | 7 | | Carpet Mastic, Grey w/ blue Carpet | 12,000 SF | MISC | 7 | Non-Friable | | X |
| 102,103,105,107, 109 110-115 | 9 | | Sink Condensate Barrier, White | 40 SF | MISC | 7 | Non-Friable | | X |
| 107,110, 113, 114,115 | 10 | | Black Chalkboard | 70 SF | MISC | 7 | Non-Friable | | X |
| Throughout, except 103 | 11 | | Cove Base Mastic, Blue Cove Base | 400 SF | MISC | 5 | Non-Friable | | X |
| PCE.16.A02, A01 | 13 | | HVAC White Mastic | Unknown | MISC | 7 | Non-Friable | | X |
| 101,101A, 102B, A01 | 15 | | Fire-rated Doors | 2 EA | MISC | 7 | Non-Friable | | X |

**Building Portable 99-056:**

| ROOM # AND FUNCTIONAL SPACE | HA # | New | DESCRIPTION OF ACBM | QUANTITY | TYPE | CONDITION CODE | FRIABLE/ NON-FRIABLE | CHANGES? | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | YES | NO |
| Portable 99-056 | 14-01 | | Reinforced Vinyl Panel | 120 SF | MISC | 7 | Non-Friable | | X |
| Portable 99-056 | 14-02 | | 2'x2' Ceiling Tile, Fissured | 1,100SF | MISC | 7 | Friable | | X |
| Portable 99-056 | 14-03 | | Drywall & Joint Compound | 2,000 SF | MISC | 5 | Friable | | X |

2 - REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

Condition Code Legend:

1. Damaged or significantly damaged thermal system insulation ACM
2. Damaged friable surfacing ACM
3. Significantly damaged friable surfacing ACM
4. Damaged or significantly damage friable miscellaneous ACM
5. ACBM with potential for damage
6. ACBM with potential for significant damage
7. Any remaining ACBM or friable suspected ACBM

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 19, 2017

AHERA RE-INSPECTION REPORT

INSPECTOR: Nacole Caputo

DATE OF INSPECTION: July 19, 2017

AHERA LICENSE No.: MEA1D667C15FA EXP. DATE: 08/10/2018
F426

SIGNATURE:

LEA DESIGNEE:

DATE OF RE-INSPECTION REVIEW:

SIGNATURE:

LEA: Martin County School District

SCHOOL: Palm City Elementary School

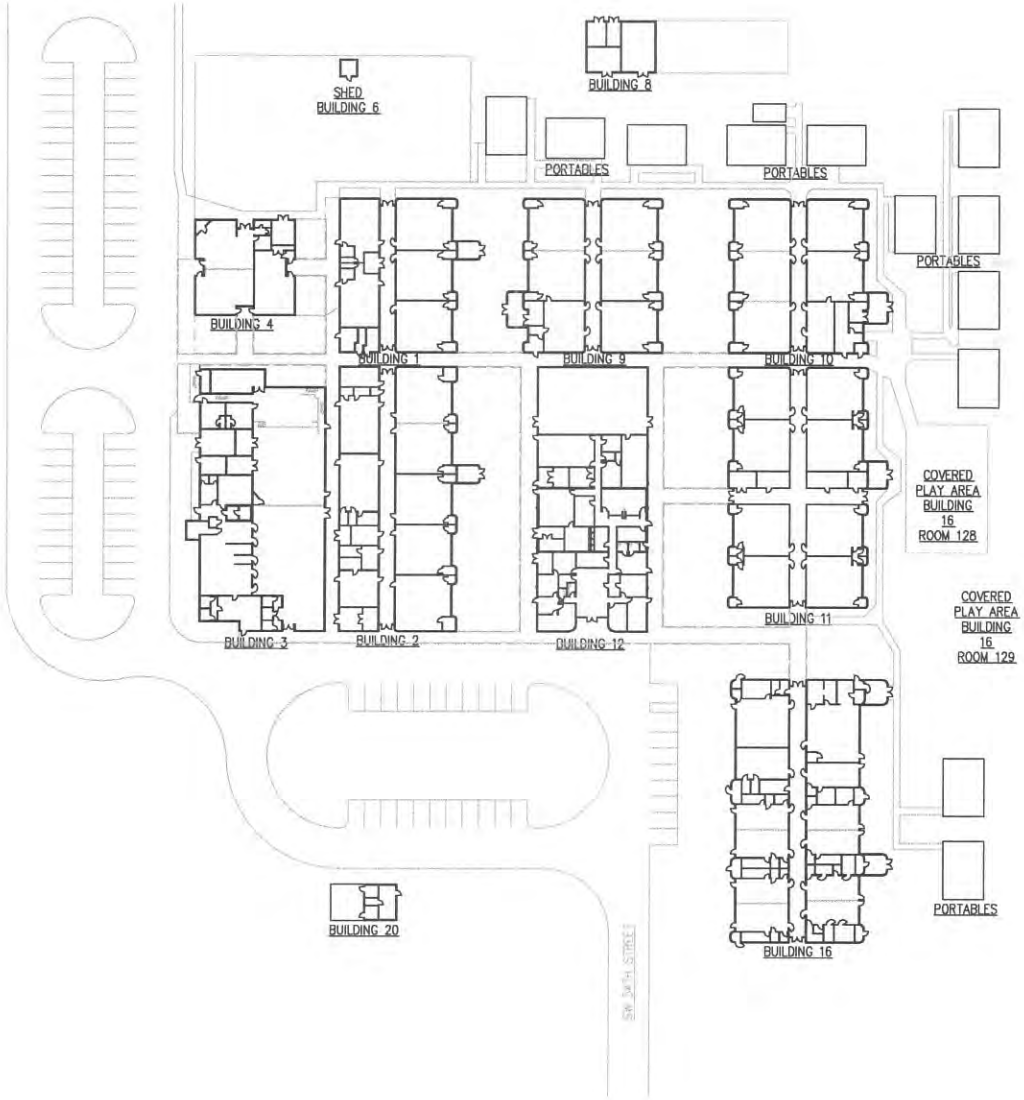
ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 19, 2017

## 4-DIAGRAM OF SCHOOL CAMPUS

(SEE FIGURE ON FOLLOWING PAGE)




brph

Architects, Engineers, Constructors

Offices in West Palm Beach, Melbourne, Orlando, Fort Myers, Atlanta, Savannah

Board of Architecture License No. AA C000149
Board of Professional Engineers License No. 1429

ISSUE

REVISION

PALM CITY ELEMENTARY SCHOOL
PALM CITY, FLORIDA
MARTIN COUNTY SCHOOL DISTRICT

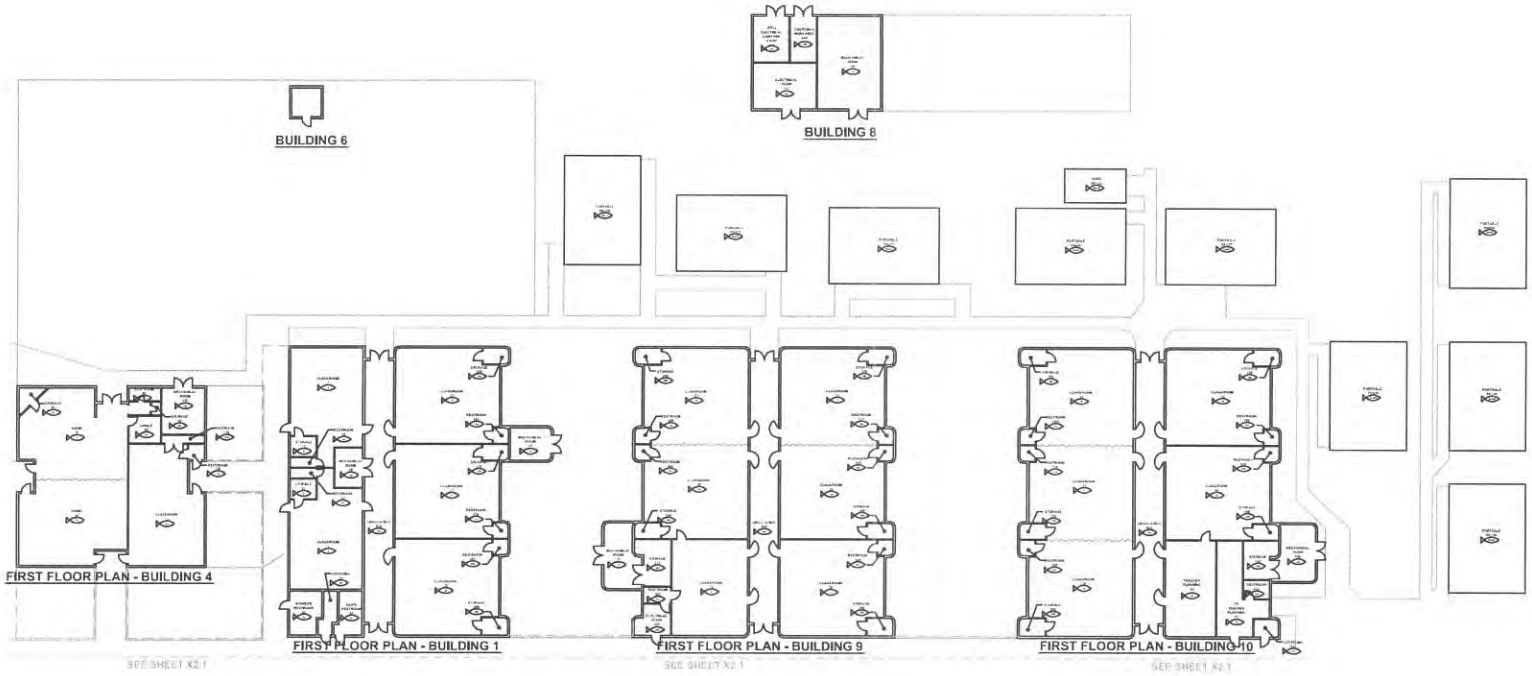
HEWES

INFANTE

06-07-2010

SITE PLAN

X1.1





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Architects, Engineers, Constructors

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Board of Architecture License No. AA C000149
Board of Professional Engineers License No. 1439




ISSUE

REVISION

PALM CITY ELEMENTARY SCHOOL
PALM CITY, FLORIDA
MARTIN COUNTY SCHOOL DISTRICT

DESIGNED BY
HEWES

DRAWN BY
INFANTE

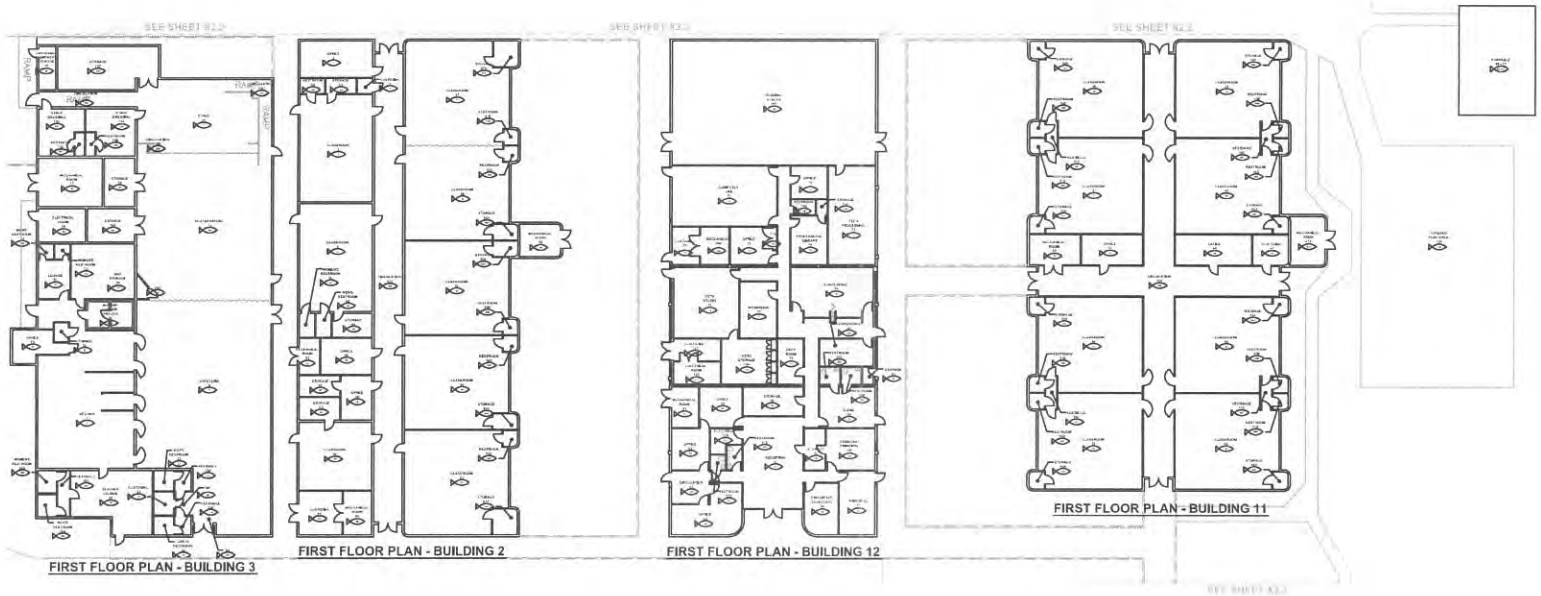
CHECKED BY

PROJECT NO. 1-08-006
6213.02\X2.2 BLDG 1 4 8 AND 10 FLOOR PLANS AND PORTABLES.DWG

DATE
06-07-2010

TITLE
BLDG 1 4 8 AND 10 FLOOR PLANS AND PORTABLES

DRAWING NO.
X2.2





Architects, Engineers, Constructors

Offices in West Palm Beach, Melbourne
Orlando, Fort Myers, Atlanta, Savannah

Board of Architecture License No. AA C000149
Board of Professional Engineers License No. 1405



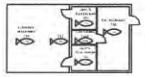

ISSUE

REVISION

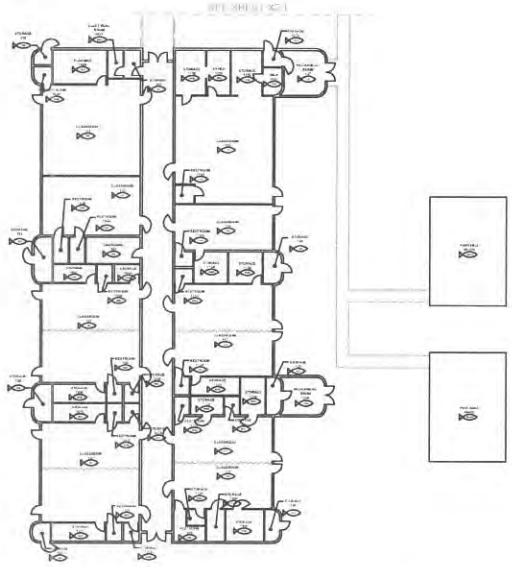
PALM CITY ELEMENTARY SCHOOL
PALM CITY, FLORIDA
MARTIN COUNTY SCHOOL DISTRICT

DESIGNED
HEWES
DRAWN
INFANTE
CHECKED

PROJECT NO. / DRAWING
6015.02/X2.1 BLDG 2 3 11 12 AND 13 FLOOR PLANS.DWG
DATE
06-07-2010
TITLE
BLDG 2 3 11 12 AND 13 FLOOR PLANS
DRAWING NO.
X2.1



BUILDING 20



BUILDING 16


brph

Architects, Engineers, Constructors

Offices in West Palm Beach, Melbourne, Orlando, Fort Myers, Atlanta, Savannah

Board of Architecture License No. AA C000149
Board of Professional Engineers License No. 1429




ISSUE

REVISION

PALM CITY ELEMENTARY SCHOOL
PALM CITY, FLORIDA
MARTIN COUNTY SCHOOL DISTRICT

DESIGNED BY
HEWES

DRAWN BY
INFANTE

CHECKED BY

PROJECT NO. 0420.02
X2.3 BLDG 16 AND 20 FLOOR PLANS AND PORTABLES.DWG

DATE
06-07-2010

SHEET
BLDG 16 AND 20 FLOOR PLANS AND PORTABLES

DRAWING NO.
X2.3

6 - ASSESSMENT OF MATERIAL AND DESCRIPTION OF EACH SAMPLE

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street
Palm City, Florida

DATE REINSPECTED: July 19, 2017

| SAMPLE NUMBER | LOCATION OF SAMPLE | Homogeneous Area | | | ASBESTOS TYPE AND PERCENT | ASSESSMENT | TYPE OF MATERIAL |
|---|---|---|---|---|---|---|---|
| | | HA | Sq Ft | Ln Ft | | | |
| 19-01 | Building 3, Room 19 | 14-02 | | | Tile - None Detected | Damaged | 12" x 12" Tan w/ brown streaks floor tile w/ black mastic |
| | | | | | Mastic – 3% Chrysotile | | |
| 19-02 | | | | | Tile - None Detected | | |
| | | | | | | | |
| 19-03 | | | | | Tile - None Detected | | |
| | | | | | Mastic – 3% Chrysotile | | |

SPECIAL COMMENTS: n/a

INSPECTOR: Nacole Caputo

LEA DESIGNEE:

DATE OF INSPECTION: July 19, 2017

DATE OF REINSPECTION REVIEW:

AHERA LICENSE No.: MEA1D667C15FAF426 EXP. DATE: 08/10/2018

SIGNATURE:

SIGNATURE:

AHERA RE-INSPECTION REPORT

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 19, 2017

## 7-BULK SAMPLE ANALYSIS

(SEE LABORATORY REPORT ON FOLLOWING PAGE)

# Bulk Asbestos Analysis

**By Polarized Light Microscopy**
**EPA Method: 600/R-93/116 and 600/M4-82-020**

NVLAP Lab Code: 200664-0

**Customer:** S&ME
111 Kelsey Lane
Tampa, FL 33619

**Attn:** Nacole Caputo

**Project:** 4484-17-070G PCE

**Lab Order ID:** 1715746
**Analysis ID:** 1715746_PLM
**Date Received:** 7/24/2017
**Date Reported:** 7/27/2017

| Sample ID<br>*Lab Sample ID* | Description<br>*Lab Notes* | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes<br>Treatment |
|---|---|---|---|---|---|
| 19-01 - A<br>*1715746PLM_1* | 12x12 Tan w/brown streaks VFT w/black mastic<br>*tile* | None Detected | | 100% Other | Tan<br>Non Fibrous<br>Homogeneous<br>Crushed, Dissolved |
| 19-01 - B<br>*1715746PLM_4* | 12x12 Tan w/brown streaks VFT w/black mastic<br>*mastic* | 3% Chrysotile | | 97% Other | Black<br>Non Fibrous<br>Homogeneous<br>Dissolved |
| 19-02<br>*1715746PLM_2* | 12x12 Tan w/brown streaks VFT w/black mastic<br>*tile only* | None Detected | | 100% Other | Tan<br>Non Fibrous<br>Homogeneous<br>Crushed, Dissolved |
| 19-03 - A<br>*1715746PLM_3* | 12x12 Tan w/brown streaks VFT w/black mastic<br>*tile* | None Detected | | 100% Other | Tan<br>Non Fibrous<br>Homogeneous<br>Crushed, Dissolved |
| 19-03 - B<br>*1715746PLM_5* | 12x12 Tan w/brown streaks VFT w/black mastic<br>*mastic* | 3% Chrysotile | | 97% Other | Black<br>Non Fibrous<br>Homogeneous<br>Dissolved |



Heather Davide (5)

Analyst

Approved Signatory

**Scientific Analytical Institute**
4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

*Lab Use Only*
Lab Order ID: 715746
Client Code: _____

| Company Contact Information | |
|---|---|
| Company: S&ME | Contact: Nacole Caputo |
| Address: 111 Kelsey Lane, Suite E, Tampa, FL 33619 | Phone ☐: 813-220-3927 |
| | Fax ☐: |
| | Email ☒: ncaputo@smeinc.com |

| Billing/Invoice Information | Turn Around Times | |
|---|---|---|
| Company: S&ME | 90 Min. ☐ | 48 Hours ☐ |
| Contact: same | 3 Hours ☐ | 72 Hours ☒ |
| Address: | 6 Hours ☐ | 96 Hours ☐ |
| | 12 Hours ☐ | 120 Hours ☐ |
| | 24 Hours ☐ | 144+Hours ☐ |

| | |
|---|---|
| **PO Number:** | 4484-17-070G |
| **Project Name/Number:** | 4484-17-070G PCE |

| Asbestos Test Types | |
|---|---|
| PLM EPA 600/R-93/116 (PLM) | ☒ |
| *Positive stop* ☐ | |
| PLM Point Count 400 (PT4) | ☐ |
| PLM Point Count 1000 (PTM) | ☐ |
| PCM NIOSH 7400-A Rules (PCM) | ☐ |
| B Rules (PCB) ☐ TWA (PTA) ☐ | |
| TEM AHERA (AHE) | ☐ |
| TEM Level II (LII) | ☐ |
| TEM NIOSH 7402 (TNI) | ☐ |
| TEM Bulk Qualitative (TBL) | ☐ |
| TEM Bulk Chatfield (TBS) | ☐ |
| TEM Bulk Quantitative (TBQ) | ☐ |
| TEM Wipe ASTM D6480-05 | ☐ |
| TEM Microvac ASTM D5755-02 | ☐ |
| TEM Water EPA 100.2 (TW1) | ☐ |
| Other: _____ | ☐ |

| Sample ID # | | Volume/Area | Comments |
|---|---|---|---|
| 19-01 | 12x12 Tan w/Brown Streaks VFT w/Blackmastic | 14-02 | Room 19, Bldg 3 |
| -02 | ↓ | ↓ | ↓ |
| -03 | ↓ | ↓ | ↓ |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Accepted ☑
Rejected ☐

Total # of Samples 3

| Relinquished by | Date/Time | Received by | Date/Time |
|---|---|---|---|
| [signature] | 7/21/17 | [signature] | 7/24 EPM |
| | | | |



Sampled 7/19/17

8 - ACTIONS RECOMMENDED AND RESPONSE ACTION SELECTED & DATES

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 18, 2017

AHERA RE-INSPECTION REPORT

| HA # OR FS | RECOMMENDED RESPONSE ACTION | SELECTED RESPONSE ACTION | ORIGINAL DATE | SCHEDULED DATE | COMMENTS |
|---|---|---|---|---|---|
| Overall – HAs with condition codes 5-7 | **Restrict contact, periodically re-inspect condition (minimum every six months) and maintain under Operations and Maintenance Plan or remove.** | | | | |
| Building 3: Green Floor tile and cove base, acoustical wall carpet and mastic and burgundy stage curtains<br>Building 12: Green Floor tile, Green Carpet, Green Cove base, and Black cove base | **Obtain NESHAP Asbestos Survey report and store in Management Plan** | | | | |

8 - ACTIONS RECOMMENDED AND RESPONSE ACTION SELECTED & DATES

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 18, 2017

AHERA RE-INSPECTION REPORT

| HA # OR FS | RECOMMENDED RESPONSE ACTION | SELECTED RESPONSE ACTION | ORIGINAL DATE | SCHEDULED DATE | COMMENTS |
|---|---|---|---|---|---|
| Building 3: Damaged Reinforced vinyl paneling in Room 7D and 12" x 12" Tan floor tile in Room 19 | **Restrict access. Isolate until material can be abated. Reduce potential for disturbance. Repair localized damage after work hours or hire an abatement contractor to perform removal. Ensure maintenance workers conducting repair have 14 hour training. Be aware of the potential for mold contamination and evaluate as necessary.**<br>**Repairing or removing asbestos-containing materials requires compliance with several complex governmental regulations. Non-compliance with these regulations can expose the building owner to citations and fines.** | | | | |

MANAGEMENT PLANNER: Nacole Caputo

DATE OF REPORT: September 7, 2017

AHERA LICENSE NO.: 8301691 EXP. DATE: 08/30/2017

SIGNATURE:

LEA DESIGNEE:

DATE OF RE-INSPECTION REVIEW:

SIGNATURE:

LEA: Martin County School District

9- COPY OF INSPECTOR'S LICENSE

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE REINSPECTED: July 19, 2017

**ATTACH COPY OF INSPECTOR'S ACCREDITATION LICENSE**

UF | TREEO Center
UNIVERSITY *of* FLORIDA

Center for Training, Research and Education for Environmental Occupations

certifies

# Jarett W Epps

S&ME, 933 Benninger Dr. Brandon, FL 33510

**has successfully met certificate requirements for the**

***Asbestos: Inspector***

Approval: FBPR Asbestos Licensing Unit: Provider #0000995; Course #FL49-0002859 ( 3 Days; 21 Contact Hours)

**(Accreditation for Inspector Under TSCA Title II/AHERA)**

***Conducted***

**01/23/2017 to 01/25/2017**

**Certificate #: 170343-6205**
**CEUs: 2.1**
**EPA accreditation expires: 01/25/2018**
**Principal Instructor: Russell E. Stauffer, PE, LAC**
**FBPE PDHs: 0009087/Educational Institutions: 21.0**

Carol Hinton
Carol Hinton, Associate Director

University of Florida TREEO Center • 3900 SW 63 Boulevard • Gainesville, FL 32608-3800 • 352-392-9570 • www.treeo.ufl.edu

10- COPY OF MANAGEMENT PLANNER'S LICENSE

LEA: Martin County School District

SCHOOL: Palm City Elementary School

ADDRESS: 1951 SW 34th Street

Palm City, Florida

DATE INSPECTED: July 19, 2017

**ATTACH COPY OF MANAGEMENT PLANNER'S ACCREDITATION LICENSE**

Asbestos Online Training, LLC

13987 94th Avenue N Seminole, FL 33776

727-593-3067

Asbestos Management Planner Refresher Training

This is to certify that

Nacole Caputo

Training was in accordance with Title II of TSCA, 40 CFR Part 763. Appendix C to Subpart E as revised

Date of Course Examination 8/30/16

Date of Course Completion 8/30/16

Expiration Date 8/30/17

Certificate # 8301691

Course # FL-490006369 Provider # FL-490005406

Instructor

FLORIDA DEPARTMENT OF EDUCATION
fldoe.org



June 27, 2019

Ms. Laurie Gaylord, Superintendent
Martin County School District
500 East Ocean Boulevard
Stuart, Florida 34994-2578

Dear Superintendent Gaylord:

The building replacement study dated April 2018, prepared by Song + Associates, Inc., and received by the Office of Educational Facilities (OEF) on June 25, 2018, has been reviewed. Based on the information provided to us by the Martin County School District (district), we concur with the recommendation that replacement of the buildings listed below is more economical than the rehabilitation of the existing buildings. Our recommendation does not result in these buildings being classified as unsatisfactory. Should you want to change the classification of these buildings, supporting documentation of unsatisfactory conditions must be provided.

| Palm City Elementary School | | | |
|---|---|---|---|
| Building #(s) | Building Use | Square Footage | Year of Construction/ Age |
| 1 | Classrooms | 6,401 | 1979/39 |
| 2 | Classrooms | 10,981 | 1958/60 |
| 3 | Cafetorium/Kitchen | 11,257 | 1958/60 |
| 4 | Music | 3,325 | 1967/51 |
| 8 | Mechanical | 1,422 | 1978/40 |
| 9 | Classrooms | 7,573 | 1979/39 |
| 10 | Classrooms | 7,658 | 1979/39 |
| 16 | Classrooms | 12,221 | 1989/29 |

Our concurrence does not relieve the district of its responsibility for performing required maintenance, minor renovation or minor remodeling of the buildings identified to maintain their present use.

Should the district desire to raze these buildings, an approved survey recommendation must first be obtained from the OEF.

Suzanne Pridgeon
Deputy Commissioner, Finance and Operations

Please let us know if we may be of further assistance.

Sincerely,

Mark A. Weigly, Architect, LEED AP, FCP
Educational Facilities Construction Planning Manager
Office of Educational Facilities

MW/ss

cc: Garret Grabowski, Facilities Planner, Martin County School District
Mark Eggers, Assistant Deputy Commissioner
Violet Brown, Senior Educational Program Director
Don Whitehead, Safe and Efficient Facilities Design Manager

August 12, 2019

Ms. Laurie Gaylord, Superintendent
Martin County School District
500 East Ocean Boulevard
Stuart, Florida 34994-2578

Dear Superintendent Gaylord:

The building replacement study dated April 2018, prepared by Song + Associates, Inc., and received by the Office of Educational Facilities (OEF) on June 25, 2018, has been reviewed. Based on the information provided to us by the Martin County School District (district), we concur with the recommendation that replacement of the buildings listed below is more economical than the rehabilitation of the existing buildings. Our recommendation does not result in these buildings being classified as unsatisfactory. Should you want to change the classification of these buildings, supporting documentation of unsatisfactory conditions must be provided.

| Palm City Elementary School | | | |
|---|---|---|---|
| Building #(s) | Building Use | Square Footage | Year of Construction/ Age |
| 11 | Classrooms/ESE | 11,612 | 1980/39 |
| 12 | Administration | 10,074 | 1984/35 |
| Comments: Building 20 – Restrooms and PE Storage. The district has requested that future consideration be given to raze the building. As Building 20 is less than 750 square feet, a Castaldi is not required for the district to raze the building. | | | |

Our concurrence does not relieve the district of its responsibility for performing required maintenance, minor renovation or minor remodeling of the buildings identified to maintain their present use.

Should the district desire to raze these buildings, an approved survey recommendation must first be obtained from the OEF.

Suzanne Pridgeon
Deputy Commissioner, Finance and Operations

Please let us know if we may be of further assistance.

Sincerely,

Mark A. Weigly, Architect, LEED AP, FCP
Educational Facilities Construction Planning Manager
Office of Educational Facilities

MW/ss

cc: Garret Grabowski, Martin County School District
Mark Eggers, Assistant Deputy Commissioner
Violet Brown, Senior Educational Program Director
Don Whitehead, Safe and Efficient Facilities Design Manager

# Martin County School District

# Palm City Elementary

# Castaldi Analysis

1951 SW 34th Street
Palm City, Florida 34990
April, 2018

Song + Associates, Inc.
Architecture • Planning • Interior Design

# Table of Contents



Song + Associates, Inc.
Architecture • Planning • Interior Design

# Martin County School Board

| | |
|---|---|
| District 1 | Christia Li Roberts, Chair |
| District 2 | Marsha Powers |
| District 3 | Rebecca Negron |
| District 4 | Tina McSoley |
| District 5 | Michael DiTerlizzi, Vice Chair |
| Student Representative | Anna Ellis |

Song + Associates, Inc.
Architecture • Planning • Interior Design

# Executive Summary

What follows is the Castaldi Analysis Report for the Martin County School District's (MCSD) Palm City Elementary School (PCES).

The Castaldi analysis is based on information published by the Florida Department of Education (FLDOE) pertaining to school construction and project costs, data and a facilities assessment. The analysis presents the Castaldi Formula as accepted by FLDOE.

Palm City School (PCES) began construction in 1958. It is located on 13 acres at 1951 SW 34th Street, Palm City, Martin County, Florida. Modifications occurred in 1967, 1979, 1980, 1990 and 1991. All buildings are noted as satisfactory on FISH.

The buildings are:

Building 1, is one story and houses classrooms, offices, restrooms, storage and support spaces was built in 1979, some minor renovations have occurred that are not noted in the FISH Inventory and contains 22,359 sf.

Building 2, is one story and houses classrooms, restrooms, storage and support spaces was built in 1958, no modifications this building are noted in the FISH Inventory and contains 10,981 sf.

Building 3, is one story and houses kitchen, dining, teacher's dining, multipurpose rooms, stage, dressing rooms, restrooms, storage and support spaces was built in 1958, no modifications this building are noted in the FISH Inventory and contains 11,257 sf.

Building 4, is one story and houses music, classrooms, offices, storage and support spaces was built in 1967, no modifications this building are noted in the FISH Inventory and contains 3,325 sf.

Building 6, Storage Equipment Storage is one story was built in 1958, no modifications this building are noted in the FISH Inventory and contains 99 sf. Because this building is less than 750 sf, it does not require FLDOE permission to be demolished.

Building 8, is one story and houses mechanical rooms, electrical room and support spaces was built in 1978, no modifications this building are noted in the FISH Inventory and contains 1,422 sf.

Building 9, is one story and houses classrooms, restrooms, storage and support spaces was built in 1979, no modifications this building are noted in the FISH Inventory and contains 7,573 sf.

Building 10, is one story and houses classrooms, restrooms, storage and support spaces was built in 1979, no modifications this building are noted in the FISH Inventory and contains 7,658 sf.

Building 11, is one story and houses classrooms, offices, restrooms, storage and support spaces was built in 1980, no modifications this building are noted in the FISH Inventory and contains 11,612 sf.

Building 12, is one story and houses administration, media center, TV lab, restrooms, storage and support spaces was built in 1980, no modifications this building are noted in the FISH Inventory and contains 10,074 sf.

Building 16, is one story and houses classrooms, covered outdoor play area, art lab, restrooms, storage and support spaces was built in 1990, no modifications this building are noted in the FISH Inventory and contains 15,305 sf.

Building 20, is one story and houses restrooms, storage and support spaces was built in 1991, no modifications this building are noted in the FISH Inventory and contains 873 sf.

# Executive Summary

Building 99 are two modular classrooms that are one story. No modifications this building are noted in the FISH Inventory and contains 1,780 sf. We recommend they be relocated.

*The current FLDOE established costs per square foot for renovation, remodeling and new construction are based on the maximum allowed cost per student station for January 2013, Section 1013.64(6)(b)1, Florida Statutes and are as follows for an high school:*

*Cost of Renovation based on FDOE data is $45/GSF*

*Cost of Remodeling based on FDOE data is $68/GSF*

*Cost of Replacement based on FDOE data is $136/GSF*

In the Castaldi analysis, if the left side of the equation, cost of remodeling or renovating, shows a larger amount, the replacement of the facility is warranted and will be more cost effective than the renovation/remodeling of the existing building(s).

It would be beneficial to the MCSD to provide their educational programs in the most compact and efficient facility designed to function according to current Florida Department of Education (FLDOE) and MCSD educational standards and design criteria, ADA requirements and the most current Florida Building Code Requirements. The buildings being considered for razing are beyond their useful life, are deficient with regard to current ADA and Florida Building Code requirements and are undersized for the programmatic needs and requirements. (See Castaldi Analysis). They both would require additional square footage to conform to the most current MCSD Educational Plant Survey Facilities List.

The review and analysis of the existing construction of the facility was tested against the Castaldi Formula and takes into consideration the educational, health, aesthetic, life safety and building improvements of educational facility design. Based on the information included in this report and the expressed needs of the Martin County School District, we recommend the following:

Buildings 1, 2, 3, 4, 6, 8, 9, 10 and 16 are recommended to be demolished and replaced with a new buildings that would serve the current student capacity and same demographics are is reported in the 01 10 18 FISH Inventory Report.

Buildings 11, 12, and 20 are recommended to be remodeled to meet the standards noted above. The Castaldi Analysis of the difference in cost do not justify razing the building for replacement. FLDOE would most likely require that they be remodeled.

Building 22 the modular classrooms are recommended to be relocated and replaced with classrooms in a new facility.

From our review and analysis the best course of action is to modernize the facility by replacement of these buildings to meet the requirements and standards noted above. Our recommendation is to replace Buildings 1, 2, 3, 4 6, 8 and 10 and remodel Buildings 11, 12 and 16 so that they become state of art new facilities. This path would be the most prudent and cost effective way to address the deficiencies with regard to Life Safety, Life Cycle Costs, Education Adequacy, and Health requirements. The recommended improvements would create a facility that provides the students, faculty, administration and staff with a state

# Executive Summary

of the art modernized that would meet State Requirements for Educational Facilities (SREF), current FLDOE Guidelines, current Life Safety requirements, ADA requirements, Florida Building Code requirements and current Martin County School District Design Criteria and Standards.

Respectfully,

Mark Clary, Senior Project Manage
Song + Associates, Inc.
(561) 655-2423 Email: mclary@songandassociates.com

**1.1 Campus Overview**

Palm City Elementary School (PCES) begin construction in 1958. It is located on 13 acres at 1951 SW 34th Street, Palm City, Florida. The Center was a vocational technical school, but was taken out of service in 2001. Its primary use is as an elementary high school serving Pre K through 5. As reported in the Facility Inventory Report (FISH), dated 01. 10. 18, its School Capacity is 714 students and its Year Round Capacity is 857 students. The Utilization Factor is 1.0% and all buildings are listed to be in satisfactory condition.

Aerial of PCES

**Community Significance**

The Palm Beach Chamber of Commerce web site provides the following brief history of Palm City.

"In 1912, Charles C. Chillingworth and his Palm Beach County Land Company (at the time the area was part of Palm Beach County) bought property from George Beckwith, who had acquired the land in 1889, and advertised the land throughout the United States, Canada and Europe. Pineapples, oranges and grapefruit were grown at a "Demonstration Farm" on present-day Martin Highway to show farmers what they could expect if they settled in the newly named Palm City. Chillingworth provided boats, mule-teams and covered wagons (later replaced by a Model T Ford) to take the prospective clients around the undeveloped countryside. An advertisement in the Palm Beach County newspaper boasted "Free dinner on New Year's Day for progressive buyers. A 10 acre tract for $50 per acre (to be raised to $60 the next day) with a free town lot in Palm City to every purchaser and 85 cents for a round trip train ticket from West Palm Beach to Stuart."

PCES is located west of St. Lucie River and north of SW Martin Highway.

**2.0 Architectural**

**1. Campus Design**

In general, the site is well maintained, but, security is an issue. The campus can be accessed from several points around the perimeter. The campus security would be greatly improved if a single point of entry was designed for the facility.

The concept for the facility is a series of pods laid out in a grid with interior and exterior circulation interconnecting the various buildings

**Recommendations:**

1. Provide new perimeter fencing with a single point of entry and additional security systems to increase campus security.
2. New paving for parking and staging.
3. New LED light fixtures for parking and exterior of buildings
4. Landscaping for court yards to provide shaded areas for study.
5. Update all covered walkways so they are ADA Compliant.

**2.2 Buildings 1, 2, 3, 4, 8, 9, 10, 11, 12, 16 and 20**

Buildings 1, 2, 3, 4, 8, 10, 11, 12, 16 and 20 have essentially the same construction and will be accessed together.

Building 1, has program space for Classrooms, Restrooms, Storage and Supports Spaces. It was built in 1979. It one story and contains 22,359 sf.

Building 2, is one story and houses classrooms, restrooms, storage and support spaces was built in 1958, no modifications this building are noted in the FISH Inventory and contains 10,981 sf.

Building 3, is one story and houses kitchen, dining, teacher's dining, multipurpose rooms, stage, dressing rooms, restrooms, storage and support spaces was built in 1967, no modifications this building are noted in the FISH Inventory and contains 11,257 sf.

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Building 16, is one story and houses classrooms, outdoor play area, art lab, restrooms, storage and support spaces was built in 1990, no modifications this building are noted in the FISH Inventory and contains 15,305 sf.

Building 20, is one story and houses restrooms, storage and support spaces was built in 1991, no modifications this building are noted in the FISH Inventory and contains 873 sf.

The existing structural system for these buildings is a 1 ½" 22 gauge metal roof deck mechanically fastened to steel joists bearing on a concrete tie beam and column frame. The frame has a concrete masonry infill. The bar joist throughout the facility would have to be reinforced to meet current codes. The CMU walls bear pm concrete footings. The drawings do not show vertical rebar, therefore, they offer only limited resistant to lateral loads. Since the single ply roofing membrane is long past its life, and therefore likely laden with moisture (as evidenced by ceiling tile stains), stripping the roof to the deck will then require structural enhancement to meet current codes.

The buildings on campus are connected by covered walkways. The walkway's structural system includes concrete roof deck mechanically bearing on concrete beams bearing on concrete columns.

The metal decks in the labs have various degrees of corrosion and signs of water infiltration. Where visible, the steel joists also had signs of corrosion along the top cord and where the joist seat is bearing on the tie beam. This indicates corrosion of the bearing seat.

The facility's roofing system does not meet current Energy Code requirements nor current Florida Building Code requirements and needs replacement. The roof is original and was installed in 1979 and is 38 years old. The roof and roof structure are not designed to meet current code. The construction of the roof, including the roof over the covered walkways are a single ply roofing system over metal deck over steel bar joists. The covered walkways roof is also single ply bonded to a concrete deck. Some areas where the deck is exposed signs of corrosion due to water infiltration and the caustic nature of the South Florida environment. The roof and roof structure are not design to meet current wind load requirements.

Asbestos is probably present in the insulation and sealants, which is typical for roof construction at the time this campus was constructed and requires abatement. (Destructive testing on roofs to determine material content is not performed until the roof is removed for re-roofing or demolition.) Refer to Attachment 1 for Asbestos Report.

The roof is sloped ½" per foot and storm water drains to the perimeter to metal gutter and PVC downspouts. There is no underground drainage system, so the downspouts discharge to soil, sidewalks or paving. An underground storm sewer system is recommended.

Given the age and condition of the roof coping, flashing, wood blocking assembly also requires replacement.

Primary and secondary existing exterior wall construction types exist for Building 1. The primary wall type is unreinforced 8" concrete masonry units (CMU) with a 4" fluted concrete masonry veneer. No weeps or vents were observed on the exterior face of any of the buildings nor were they noted on an as built wall section. Without weeps and vents being provided in exterior walls moisture will be trapped within the airspace of the building envelope. As there is not vertical reinforcement in the exterior CMU wall, resistance to lateral wind loads or loads imparted by windows and doors is minimal.

The secondary wall type is wall type is 8" unreinforced concrete masonry units (CMU) with a stucco finish. Also no weeps or vents were observed on the exterior face of any of the buildings nor were they noted on an as built wall section. Without weeps and vents being provided in exterior walls moisture will be trapped within the airspace of the building envelope. As there is not vertical reinforcement in the exterior CMU wall, resistance to lateral wind loads or loads imparted by windows and doors is minimal.

Primary and Secondary Exterior Wall Types

Evidence of water infiltration and the resulting black mold was present on the exterior of this building and most of the buildings. Additional information confirming that water infiltration is occurring in this building's exterior wall is that the steel angle supporting the ribbed CMU veneer located at the base of the wall was extremely corroded and requires replacement. Given the degree of decay of this structural support it is uncertain how long the veneer will remain intact and certainly does not meet the Florida Building Code wind load requirements. The Facility's Maintenance Service Manager showed the Castaldi team a video of an exterior wall being repaired that while filming failed completely and collapsed leaving the interior space of the wall exposed.

Water Infiltration in Exterior Wall and Corrosion of Fluted CMU Masonry Ledge

The exterior doors, door frames and windows show extreme wear and corrosion. They do not meet current Energy Code requirements nor do they meet the current wind pressure requirements from the 2014 Florida Building Code. Some of the windows have hardware that is inoperable.

Per the Facility's Service Manage pests, such as insects and rodents have infiltrated many of the buildings due to openings created by corrosion and win too many of the doors and windows. The doors and windows should be replaced.

The fascia at the roof edge is failing and has numerous gaps allowing water infiltration.

Fascia Allowing Water Infiltration

Non-Compliant ADA Hardware

Windows Do Not Meet Current
FBC Pressure Requirements

None of the facility building envelope assemblies and or systems were constructed to current wind codes. Especially vulnerable are those parts of the buildings structure around fenestrations. The exterior CMU should be exposed at every opening, and sufficient reinforcing added along with infill of the CMU cells with concrete.

Building 8, Fluted CMU Showing Mold, Corrosion Occurring to Louvers and Door & Non-Compliant ADA Hardware

Non-Compliant ADA Drinking Fountain

Non-Compliant ADA Handrails and Faded and Damaged Finishes

The interior doors, door frames and interior view panels show wear and the finishes are worn and faded.

The door hardware for both exterior and interior doors is not ADA compliant and needs to be brought up to current requirements. This includes levers, hinges, strikes, closers, thresholds, panic hardware and weather proofing.

In general, the existing finishes are faded and decaying.

The interior wall construction includes 5/8" GWB on both sides of 3 5/8" steel framing and 8" CMU. All interior walls require painting.

The interior ceilings show water infiltration and are sagging. They need to be replaced with mold resistant non sag acoustical tile ceilings.

The restrooms are both painted CMU and ceramic tile on the floors and some walls. All require a refresh or replacement due to damage by water infiltration and the presence of mold.

4" rubber base is installed in most rooms and restrooms have ceramic base. Where the rubber base is installed the adhesive has begun to fail and base has become separated from the wall surface.

The exterior corridors and covered walkways do not meet current code requirements for light and need to be for safety reasons and vandalism.

Exterior Corridors and Covered Walkways Lighting Do Not Meet Current FBC Requirements,

**2.3 HVAC**

HVAC system operates primarily on a chilled water loop. Chilled water is generated by two 170-ton air-cooled chillers manufactured by Trane. Chillers use refrigerant R-134A, which is still in wide use today and faces no significant legal sanctions. Years of chiller manufacture: 2011 and 2014. Centrifugal chillers are generally regarded as having a 25 year service life, leaving these chillers with 18 and 21 years of life respectively.

*Chilled Water Pump Volute*

Chilled water loop uses a primary / secondary pumping configuration. Exterior chilled water pumps show significant surface age and corrosion and do not meet modern efficiency standards. These likely still have five to ten years of service life remaining. Interior (secondary) pumps are in excellent condition and likely still have 10 to 15 years of service life remaining. Exterior chilled water insulation needs to be replaced at the pump volutes but is otherwise in good condition.

Building HVAC uses an antiquated pneumatic control system. System would need to be replaced with modern BACNet architecture as part of any upgrade. No PC-based energy management software installed. A dedicated central plant controller manages operation of air-cooled chillers and pumps. Controller provides ability to schedule operation, trend data and run reports.

Interior air conditioning is accomplished by modular chilled water air handling units in mechanical rooms. Air handling units appear to be in good condition and likely have 5+ years of useful service life remaining.

Air conditioning is supplemented in several areas by stand-alone direct-expansion equipment for areas such as the kitchen (both for occupants and commercial refrigeration) and portable classrooms. Systems are in good condition and serviceable but should be replaced with new (for commercial refrigeration) or chilled water (for occupant cooling) as part of any substantial facility renovation.

The air-cooled chillers and interior secondary pumps are in excellent shape and have substantial service life remaining. They could be saved and re-used as part of any potential facility HVAC upgrade. Other system components such as exterior primary pumps, chilled water insulation, control system (building-wide), chilled water AC and direct-expansion AC are either severely

degraded, at the end of their useful service lives, or otherwise would play no role in a modern, code-compliant AC system.
Items of note:

- Chillers appear to be running 24/7, likely elevating current energy consumption.
- Modular chilled water AHU's appear to be well maintained, particularly with respect to filter change-outs.
- Maintenance staff experiences frequent problem with AHU variable frequency drives. The VFD's shut themselves down and must be manually reset. Staff suspects the problem can be traced to low-quality incoming power.
- A portable spot-cooler has been placed in the kitchen in an attempt to improve thermal comfort. This arrangement is likely both poor-performing and expensive. HVAC in this area should be improved as quickly as possible. A wall-mounted PTAC (such as those used on the portable classrooms) would be a better solution.

*Spot Cooler used in Kitchen*

**2.4 Fire Suppression System**
The campus does not have a fire suppression system except for the kitchen hood and one piece of cooking equipment located within the footprint.

- Per the Florida Building Code (2017) the campus falls under Educational Group E.

  3.Group E - An *automatic sprinkler system* shall be provided for Group E occupancies as follows:

  - Throughout all Group E *fire areas* greater than 12,000 square feet (1115 $m^2$) in area.
  - Throughout every portion of educational buildings below the lowest *level of exit discharge* serving that portion of the building.
    **Exception:** An *automatic sprinkler system* is not required in existing educational buildings unless 50 percent of the aggregate area of the building is being remodeled.

- NFPA 13 (2013) categorizes Education as Light Hazard, defined as occupancies or portions of other occupancies where combustibility is low, quantity of combustibles is moderate, stockpiles of combustibles do not exceed 8 ft., and fires with moderate rates of heat release are expected.

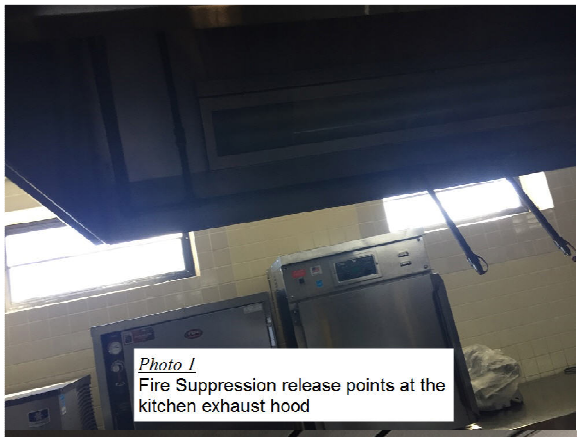


*Photo 1*
Fire Suppression release points at the kitchen exhaust hood

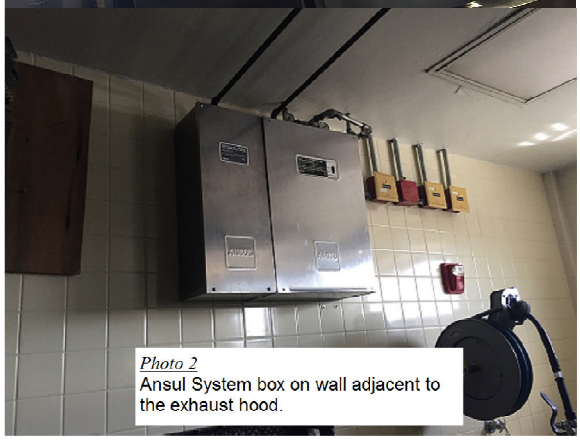


*Photo 2*
Ansul System box on wall adjacent to the exhaust hood.

**5. Domestic Service Water Heating System:**

The campus is served by series of electric water heaters located throughout the campus for service to the associated area. The Median Service Life of an electric water heater is approximately 13 years.

- The age of the water heater(s) varies, one made in 2005 (13 years old), one made in 2012 (6 years old), another about the same time. As water heaters age, their efficiency decreases.
- The majority of the visible hot water piping was not insulated, which is a loss of energy and does not meet the current Florida Energy requirements.
- The water heaters are not piped according to the current plumbing code requirements (see 2017 FPC, sections 502, 503, 504 and, section 607).
- Hot water recirculating system piping does not exist and therefore does not meet the plumbing code requirements, where applicable. (See 2017 FPC section 607.2).

*Photo 3*
Electric water heater in room 75A

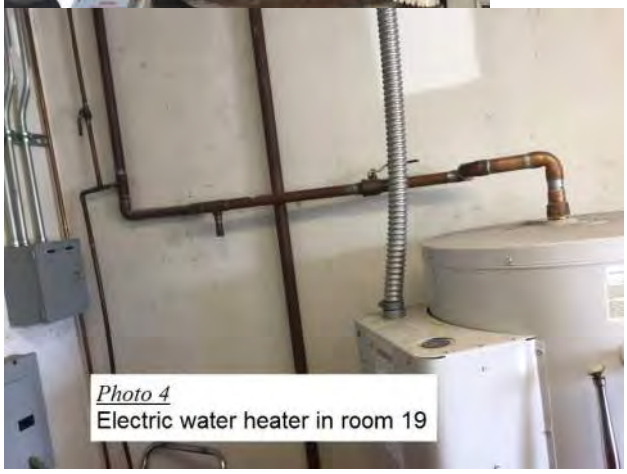


*Photo 4*
Electric water heater in room 19

*Photo 5*
Electric water heater in room 43C

**2.6 Plumbing System**

The visible plumbing systems reflect the age of the building and are in need of replacement or remodel. Areas that have been impacted are the sanitary system and the storm system.

- Plumbing fixtures are older and not up to current water efficiency standards, per FPC 604.4 "The maximum water consumption flow rates and quantities for all plumbing fixtures and fixture fittings shall be in accordance with Table 604.4."

**TABLE 604.4**
**MAXIMUM FLOW RATES AND CONSUMPTION FOR PLUMBING FIXTURES AND FIXTURE FITTINGS**

| PLUMBING FIXTURE OR FIXTURE FITTING | MAXIMUM FLOW RATE OR QUANTITY[b] |
|---|---|
| Lavatory, private | 2.2 gpm at 60 psi |
| Lavatory, public (metering) | 0.25 gallon per metering cycle |
| Lavatory, public (other than metering) | 0.5 gpm at 60 psi |
| Shower head[a] | 2.5 gpm at 80 psi |
| Sink faucet | 2.2 gpm at 60 psi |
| Urinal | 1.0 gallon per flushing cycle |
| Water closet | 1.6 gallons per flushing cycle |

- Kitchen – Some of the sanitary connection points are not up to code standards. See State of Florida Department of Health Chapter 64E-11 Food Hygiene.
- Grease interceptor – The grease interceptor outside of the kitchen area needs to be regularly service. Staff has indicated that it backs up.
- Emergency generator fuel storage tank: The transfer piping was leaking and is currently being repaired.

*Photo 6*
Diesel fuel storage tank


- Make up water to the mechanical system will have to be replaced.


Photo 9
Corroded piping at make up water connection

**2.7 Electrical**

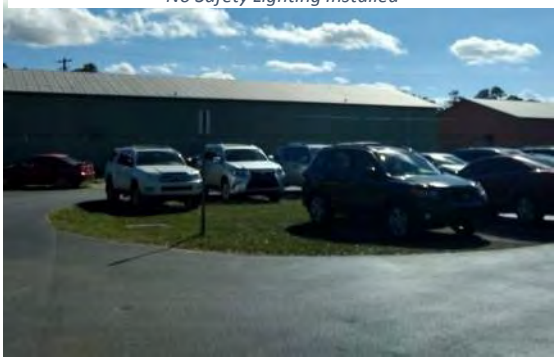

Mix of Manufacturers

Interior lighting – 2' by 4' fluorescent lighting mainly. Look in good shape. Lighting will have to be brought up to current code. This would require daylight harvesting, 50% receptacle controls in all office, open office and Computer classrooms. This will require new light fixture that are capable of dimming.
Exterior lighting – Few building mounted lights for site lighting, not controlled properly. No Parking lot lighting, comments were made that teachers do not feel safe at night walking to car. Lighting outdoor pathways need to be recruited to light only the enclosed area not open covered walkway. Broken pipes with exposed wire observed at portable building and from the roof. Recommend adding site lighting for safety to both front drop off and bus drop off. Recommend rewiring exterior lighting controls for better control and energy savings. Will require additional lighting in spaces to meet minimum foot candle levels.

*Insufficient Exterior Corridor Lighting*

Emergency generator – Onco 100KW Generator. Is currently being repaired. Recommend replacing generator.
Fire alarm – Fire Alarm Panel appears to have been replaced in last 2 years. Devices appear to be mixed with older and newer devices (mainly newer looking). Outdoor Strobes waterproof covers have yellowed. Recommend replacing exterior yellow devices.
Power Distribution – Panels are all Square D. Panels are in rough shape, with Rust, latches not latching. Panel on site in fenced in enclosure is missing Panel cover and open to elements. Kitchen area only place where Gould Panels and Disconnects was observed in use. These are at end of life recommend replacement. Outlet in kitchen observed within 6' of water basin and not on GFI outlet/circuit. Outlet observed to have caught fire in on the mechanical rooms. Electrical rooms being used as storage space. Recommend replacing electrical in the kitchen area and update panels in this space to Square to match rest of campus for ease of maintenance. Recommend new storage spaces for school equipment as to avoid storage in electrical rooms.

*No Safety Lighting Installed*



Photovoltaic panels – Bracket holding the panels looks to be rusted through. Panels look to be in bad shape but still functional. Recommend replace the bracket holding the photovoltaic cell. Clean the Cell themselves.

### 3.1 Lightning Protection

1. The campus currently does not have lightning protection.

**Recommendations:**

1. We recommend that the UL Master Label lightning protection system be provided and installed on the campus that is compliant with NFPA 780.

### 3.2 Proposed Use, Student Population and Scope of Replacement/Remodel

1. The proposed use or program would remain the same as is currently designated. The demographics indicate growth in several of the neighborhoods that the school serves.

### 3. ADA Compliance

ADA Requirements for All Buildings:

1. Provide ADA compliant restrooms and drinking fountains as required.
2. Provide ADA compliant accessible loading zones and routes with from parking.
3. Provide ADA compliant doors and hardware.

The design and construction of this project shall comply with the following codes and standards.

1. FBC (Florida Building Code), 2017 Edition 6, Including:
   a. FBC (Florida Existing Construction Building Code)
   b. FBC Energy Conservation
   c. FBC Mechanical
   d. FBC Plumbing
   e. FBC Fuel Gas
   f. NEC (National Electric Code) 2002; FBC Charter 27
   g. FBC Florida Accessibility Code for Building Construction
   h. FBC References, Chapter 35
   i. Florida Fire Prevention Code, FAC 69A-60, including:
      ii. NFPA 1-2004 with adopted revisions
      iii. NFPA 101-2004 with adopted revisions
      iv. NFPA Codes listed in FAC 69A-.005
      v. NFPA 45-00: Instructional Laboratories
      vi. NFPA 88B-97: Repair Garages, (Auto Lab)
      vii. Fire Safety in Existing Educational Facilities, FAC 69A-58
      i. State Requirements for Educational Facilities (SREF)
      j. ASCE 7-98: American Society of Civil Engineers
      k. UL Fire Resistance Directory

**Recommendations:**

We recommend that Buildings 1, 2, 3, 4, 8, 9, 10 and 16 be demolished and replaced and that Buildings 11,12 and 20 be remodeled. Application of the Castaldi Formula for Modernization supports this recommendation. The items below are the specifics that would define the scope that should would need to be included if the building was to be renovated or remodeled.

a. Remove and replace the exterior lighting installed in the covered walkway and the lighting on the exterior building to meet current Energy Code requirements
b. Perform an asbestos abatement.
c. Remove lead paint.
d. Upgrade the building so that it is in compliant with the Florida Building Code and Fire Prevention requirements. Installation of Fire Protection Sprinklers is recommended.
e. Remove and replace all existing exterior and interior doors, door hardware and windows.
f. Harden all fenestrations to receive the load from the wind resistant windows.
g. Bring all required fixtures and Restrooms into compliance with ADA requirements.

h. All room finishes need to be refreshed.
i. Remove and Replace the air handling unit with equipment that meets current codes.
j. Remove and replace all plumbing fixtures.
k. Provide a fire protection system integrated with the fire alarm system that will be installed in the near future.
l. Provide and install an Energy Management System. It would improve efficiency and increase cost savings.
m. Provide and install new power systems, such as electric panels.
n. Provide and install new exterior LED lighting for the building and covered walkway.
o. Provide and install new interior LED lighting where required.
p. Upgrade the existing IT system. Upgrade the existing telephone system.
q. Provide and install a new public address system.

**1. Funding**

1. To be Determined

**2. Equipment Costs**

2. To be Determined

# Office of Educational Facilities
# Florida Department of Education

## Room Condition Change
## Building Replacement/Raze

District: Martin County School District
Contact Person: Garrett Grabowski Phone: 772-223-3105 ext. 130

Facility/Campus Name: Palm City Elementary School
Facility Number (school districts only): 16-A

Building Number(s): 1, 2, 3, 4, 8, 9, 10 and 16 Parcel/Site Number(s): 5

This Proposed Project will:

☐ Change the condition of permanent rooms from satisfactory to unsatisfactory (if yes, go to Section I and complete certification in Section III). (Not applicable to community colleges)

☐ Change the condition of permanent rooms from unsatisfactory to satisfactory (if yes, go to Section I and complete certification in Section III). (Not applicable to community colleges)

■ Raze permanent building(s) (if yes, go to Section II and complete certification in Section III).

☐ Replace permanent building(s) (if yes, go to Section II and complete certification in Section III).
Major Capital Outlay Funding Source(s) – Original Building
Major Capital Outlay Funding Source(s) – Replacement Building

*This form is not required for razing a single, freestanding structure that is less than 750 NSF and is debt free, or multiple small structures on a single campus whose total area is less than 750 NSF and are debt free. This form must be completed for any structure 750 NSF or greater and any structure, regardless of size, that is not debt free.*

A. DISTRICT/COMMUNITY COLLEGE CERTIFICATION

The district/community college must submit this certification document, completed and signed by the appropriate school officials, along with all required or necessary supporting documentation pertaining to the proposed project.

The Palm Beach County District School Board hereby certifies that:

I. CONDITION CHANGE: (Not applicable to community colleges)

1. All room condition changes are consistent with State Requirements for Educational Facilities (SREF) standards and the Florida Fire Prevention Code (FFPC) requirements for the condition of space.

II. RAZE/REPLACE PERMANENT BUILDING(S):

1. All fund sources have been researched and no current indebtedness or outstanding debt exists for the building(s) that will be razed and/or replaced.
2. Funding Source(s):
   a. Original Building: Unknown
   b. If Replaced: To Be Determined

3. Voters of the district have approved local bonding for the project: Yes/No
    a. Date of voter approval: _____
4. Imminent danger exists for the building(s) that will be razed and/or replaced.

III. CERTIFICATION SIGNATURES:

_____ _____

Garrett Grabowski Date
Facilities Director

_____ _____

Laurie G. Gaylord Date
Superintendent

_____ _____

Christia Li Roberts Date
Board Chair

NOTE: Certification is required by the Superintendent and Director of Facilities Planning for room condition changes. Certification is required by the Superintendent/President and Board Chair to raze or replace permanent buildings.



*Submit signed form and supporting documents to*:
Office of Educational Facilities, Room 1054
Florida Department of Education
325 West Gaines Street
Tallahassee, Florida 32399-0400

rooms in a permanent building.
3. Space that has been determined to be unsatisfactory should not be occupied.
4. Application of a facility replacement formula, such as the Castaldi generalized formula for modernization or other similar facilities study, does not necessarily mean that the condition of the identified spaces is unsatisfactory. The condition code cannot be changed simply due to the results of a planned replacement unless the integrity of the space meets the criteria identified to classify the space as unsatisfactory.

i. In order to change the space condition from unsatisfactory to satisfactory the district must certify that the space has been successfully reconditioned to meet all applicable regulations regarding occupancy requirements.

1. OEF Review:

i. Site visit by OEF staff, when necessary.
ii. Concur with district rationale, data, and analyses:
    1. Building(s) approved as unsatisfactory; OEF will make the room condition code changes in FISH.
    2. Building(s) approved as satisfactory; OEF will make the room condition code changes in FISH.
iii. Disagree with district rationale, data, and analyses:
    1. Building(s) not approved as unsatisfactory.
    2. Building(s) not approved as satisfactory.

1. OEF Notify District of Findings and Decision:

i. OEF staff will analyze the district's data along with all supporting documentation, coordinate any further reviews with the district, make a final decision regarding the proposed room condition changes, and provide a timely response either approving or disapproving the proposed room condition changes.

C. RAZE/REPLACE PERMANENT BUILDING(S)

1. RATIONALE (provide the following information, as appropriate, to justify razing/replacing permanent buildings):

i. Detailed explanation of need for the proposed project and the expected benefit to the district/community college.
ii. General scope of the proposed project.
iii. Building age and year of construction.
iv. Existing capacity of building(s), include the number of student stations, classrooms, and other instructional spaces.
v. Current number of students housed and the projected number of students to be housed in the affected building(s).
vi. Current educational plant survey recommendations and capacity.
vii. What alternatives have been considered besides razing/replacement and why are the alternatives not feasible?
viii. School board/community college board approval of the concept of razing/replacing permanent buildings.
ix. Building condition/engineer study (optional).
x. Impact if the proposed project is not approved.

xi. Other relevant data; identify any major systems (include date, if applicable) that have been replaced or upgraded, e.g., electrical, HVAC, fire alarm, roof, plumbing, drainage, etc. Provide a general scope of work for any previous remodeling, renovation, and addition, and year completed.

2. COST ANALYSIS (Building by Building):
   i. Castaldi Analysis (or other cost analysis formula to support the proposed project).
   ii. The following five questions must be addressed:
      1. How many years will modernization extend the useful life of the modernized building(s)?
      2. Does the existing building(s) lend itself to improvement, alteration, remodeling, and expansion? If no, explain why not.
      3. Explain how a modernized and a replacement building(s) fits into a well-conceived long-range plan of the district/community college?
      4. What is the percentage derived by dividing the cost for modernization by the cost for a replacement building?
      5. A committee of district officials and independent citizens from outside the school attendance zone has determined that the replacement of the building(s) is financially justified and no other alternative is feasible? (Not applicable to community colleges)
   i. Detailed scope of work for modernization of the existing building(s).
   ii. FISH building plan and/or schematic drawings of the existing building with FISH room numbers.

2. OEF Review:
   i. Site visit by OEF staff, when necessary.
   ii. Educational adequacy review.
   iii. Concur with district/community college rationale, data, and analyses:
      3. Recommend replacement of building(s).
      4. Recommend razing building(s).
   ii. Disagree with district/community college rationale, data, and analyses:
      4. Building(s) not approved to be replaced.
      5. Building(s) not approved to be razed.

4. OEF Notify District/Community College of Findings and Decision:
   i. OEF staff will analyze the district's/community college's data along with all supporting documentation, coordinate any further reviews with the district, make a final decision regarding the disposition of the proposed project, and provide a timely response either approving or disapproving the proposed request.

Palm City Elementary School
Castaldi Analysis

Building 1

| | Palm City Elementary School | Castaldi Formula | | Building 1 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1979 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 39 | Years | |
| | Useful Life | 24 | Year | |
| | Building Area | 22,359 | SF | |
| | Additional Area | 5,000 | | |
| | Renovation Area | 22,359 | | |
| | Remodeling Area | 22,359 | SF | |
| | Total Area | 27,359 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 27,359 sf x $68 = $1,860,412 | | |
| | Useful Life of Modernized Building | 18 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 27,359 sf x $136/sf = $3,720,824 + Demolish 22,359 sf x $8.50 =$190,052 Total = $3,910,856 | | |
| | | | | |
| | Estimated Life of New Building | 65 Years | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $1,860,412 x 1.2 = $2,232,495 | VS | $3,910,856 |
| | | 24 x .75 = 18 | | 65 |
| | Results | $93,021 | | $60,167 |
| | Percentage of Modernization to Replacement | 64.68109351651780% | 65% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Palm City Elementary School
Castaldi Analysis

Building 2

| | Palm City Elementary School | Castaldi Formula | | Building 2 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1958 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 60 | Years | |
| | Useful Life | 3 | Year | |
| | Building Area | 10,981 | SF | |
| | Additional Area | 0 | | |
| | Renovation Area | 10,981 | | |
| | Remodeling Area | 10,981 | SF | |
| | Total Area | 10,981 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 10,981 sf x $68 = $746,708 | | |
| | Useful Life of Modernized Building | 2 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 10,981 sf x $136/sf = $1,493,416 + Demolish 10,981 sf x $8.50 =$93,338 Total = $1,586,755 | | |
| | | | | |
| | Estimated Life of New Building | 65 Years | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $746,708 x 1.2 = $896,050 | VS | $1,586,755 |
| | | 3 x .75 = 2.25 | | 65 |
| | Results | $298,683 | | $24,412 |
| | Percentage of Modernization to Replacement | 8.17321374165922% | 8% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Palm City Elementary School
Castaldi Analysis

Building 3

| | Palm City Elementary School | Castaldi Formula | | Building 3 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1958 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 60 | Years | |
| | Useful Life | 5 | Year | |
| | Building Area | 11,257 | SF | |
| | Additional Area | 0 | | |
| | Renovation Area | 11,257 | | |
| | Remodeling Area | 11,257 | SF | |
| | Total Area | 11,257 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 11,257 sf x $68 = $765,476 | | |
| | Useful Life of Modernized Building | 2 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 11,257 sf x $136/sf = $1,530,952 + Demolish 11,257 sf x $8.50 =$95,685 Total = $1,626,637 | | |
| | | | | |
| | Estimated Life of New Building | 65 Years | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $765,476 x 1.2 = $918,571 | VS | $1,626,637 |
| | | 3 x .75 = 2.25 | | 65 |
| | Results | $408,254 | | $25,025 |
| | Percentage of Modernization to Replacement | 6.12976235382874% | 6% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Palm City Elementary School
Castaldi Analysis

Building 4

| | Palm City Elementary School | Castaldi Formula | | Building 4 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1967 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 51 | Years | |
| | Useful Life | 14 | Year | |
| | Building Area | 3,325 | SF | |
| | Additional Area | 0 | | |
| | Renovation Area | 3,325 | | |
| | Remodeling Area | 3,325 | SF | |
| | Total Area | 3,325 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 3,325 sf x $68 = $226,100 | | |
| | Useful Life of Modernized Building | 2.25 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 11,257 sf x $136/sf = $1,530,952 + Demolish 11,257 sf x $8.50 =$95,685 Total = $1,626,637 | | |
| | | | | |
| | Estimated Life of New Building | 65 Years | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $226,100 x 1.2 = $271,320 | VS | $480,463 |
| | | 14 x .75 = 11 | | 65 |
| | Results | $17,505 | | $7,392 |
| | Percentage of Modernization to Replacement | 42.22793487574980% | 42% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Palm City Elementary School
Castaldi Analysis

Building 8

| | Palm City Elementary School | Castaldi Formula | | Building 8 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1979 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 39 | Years | |
| | Useful Life | 24 | Year | |
| | Building Area | 1,422 | SF | |
| | Additional Area | 0 | | |
| | Renovation Area | 1,422 | | |
| | Remodeling Area | 1,422 | SF | |
| | Total Area | 1,422 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 1,422 sf x $68 = $96,696 | | |
| | Useful Life of Modernized Building | 24 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 1,422 sf x $136/sf = $193,392 + Demolish 1,422 sf x $8.50 =$64,371 Total = $205,479 | | |
| | | | | |
| | Estimated Life of New Building | 65 | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $514,964 x 1.2 = $617,957 | VS | $205,479 |
| | | 24 x .75 = 18 | | 65 |
| | Results | $10,274 | | $3,161 |
| | Percentage of Modernization to Replacement | 30.76698462137430% | 30% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Palm City Elementary School
Castaldi Analysis

Building 9

| | Palm City Elementary School | Castaldi Formula | | Building 9 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1979 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 39 | Years | |
| | Useful Life | 24 | Year | |
| | Building Area | 7,573 | SF | |
| | Additional Area | 0 | | |
| | Renovation Area | 7,573 | | |
| | Remodeling Area | 7,573 | SF | |
| | Total Area | 7,573 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 7,573 sf x $68 = $514,964 | | |
| | Useful Life of Modernized Building | 24 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 7,573 sf x $136/sf = $1,029,928 + Demolish 7,573 sf x $8.50 =$64,371 Total = $1,094,299 | | |
| | | | | |
| | Estimated Life of New Building | 65 | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $514,964 x 1.2 = $617,957 | VS | $1,094,299 |
| | | 24 x .75 = 18 | | 65 |
| | Results | $34,331 | | $16,835 |
| | Percentage of Modernization to Replacement | 49.03731321546120% | 49% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Palm City Elementary School
Castaldi Analysis

Building 10

| | Palm City Elementary School | Castaldi Formula | | Building 10 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1979 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 39 | Years | |
| | Useful Life | 24 | Year | |
| | Building Area | 7,658 | SF | |
| | Additional Area | 0 | | |
| | Renovation Area | 7,658 | | |
| | Remodeling Area | 7,658 | SF | |
| | Total Area | 7,658 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 7,658 sf x $68 = $520,744 | | |
| | Useful Life of Modernized Building | 24 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 7,573 sf x $136/sf = $1,041,488 + Demolish 7,658 sf x $8.50 =$65,093 Total = $1,106,581 | | |
| | | | | |
| | Estimated Life of New Building | 65 | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $520,744 x 1.2 = $624,893 | VS | $1,106,581 |
| | | 24 x .75 = 18 | | 65 |
| | Results | $26,037 | | $17,024 |
| | Percentage of Modernization to Replacement | 65.38387679072090% | 65% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Palm City Elementary School
Castaldi Analysis

Building 11

| | Palm City Elementary School | Castaldi Formula | | Building 11 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1980 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 40 | Years | |
| | Useful Life | 25 | Year | |
| | Building Area | 11,612 | SF | |
| | Additional Area | 0 | | |
| | Renovation Area | 11,612 | | |
| | Remodeling Area | 11,612 | SF | |
| | Total Area | 11,612 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 11,612 sf x $68 = $789,616 | | |
| | Useful Life of Modernized Building | 25 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 11,612 sf x $136/sf = $1,579,232 + Demolish 11,612 sf x $8.50 =$98,702 Total = $1,677,934 | | |
| | | | | |
| | Estimated Life of New Building | 65 | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $789,616 x 1.2 = $947,540 | VS | $1,677,934 |
| | | 25 x .75 = 19 | | 65 |
| | Results | $49,870 | | $37,902 |
| | Percentage of Modernization to Replacement | 76.00160417084420% | 76% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Palm City Elementary School
Castaldi Analysis

Building 12

| | Palm City Elementary School | Castaldi Formula | | Building 12 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1980 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 40 | Years | |
| | Useful Life | 25 | Year | |
| | Building Area | 10,074 | SF | |
| | Additional Area | 0 | | |
| | Renovation Area | 10,074 | | |
| | Remodeling Area | 10,074 | SF | |
| | Total Area | 10,074 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 10,074 sf x $68 = $685,032 | | |
| | Useful Life of Modernized Building | 25 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 10,074 sf x $136/sf = $1,370,064 + Demolish 10,074 sf x $8.50 =$85,629 Total = $1,455,693 | | |
| | | | | |
| | Estimated Life of New Building | 65 | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $685,032 x 1.2 = $822,038 | VS | $11,455,693 |
| | | 25 x .75 = 19 | | 65 |
| | Results | $43,265 | | $37,902 |
| | Percentage of Modernization to Replacement | 87.60429908702180% | 87% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Palm City Elementary School
Castaldi Analysis

Building 16

| | Palm City Elementary School | Castaldi Formula | | Building 16 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1990 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 30 | Years | |
| | Useful Life | 35 | Year | |
| | Building Area | 15,305 | SF | |
| | Additional Area | 0 | | |
| | Renovation Area | 15,305 | | |
| | Remodeling Area | 15,305 | SF | |
| | Total Area | 15,305 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 15,305 sf x $68 = $1,040,740 | | |
| | Useful Life of Modernized Building | 65 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 15,305 sf x $136/sf = $2,081,480 + Demolish 15,305 sf x $8.50 =$130,093 Total = $2,211,573 | | |
| | | | | |
| | Estimated Life of New Building | 25 | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $1,040,740 x 1.2 = $1,248,888 | VS | $2,211,573 |
| | | 35 x .75 = 26.25 | | 65 |
| | Results | $48,034 | | $34,024 |
| | Percentage of Modernization to Replacement | 70.83315984510970% | 70% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Palm City Elementary School
Castaldi Analysis

Building 20

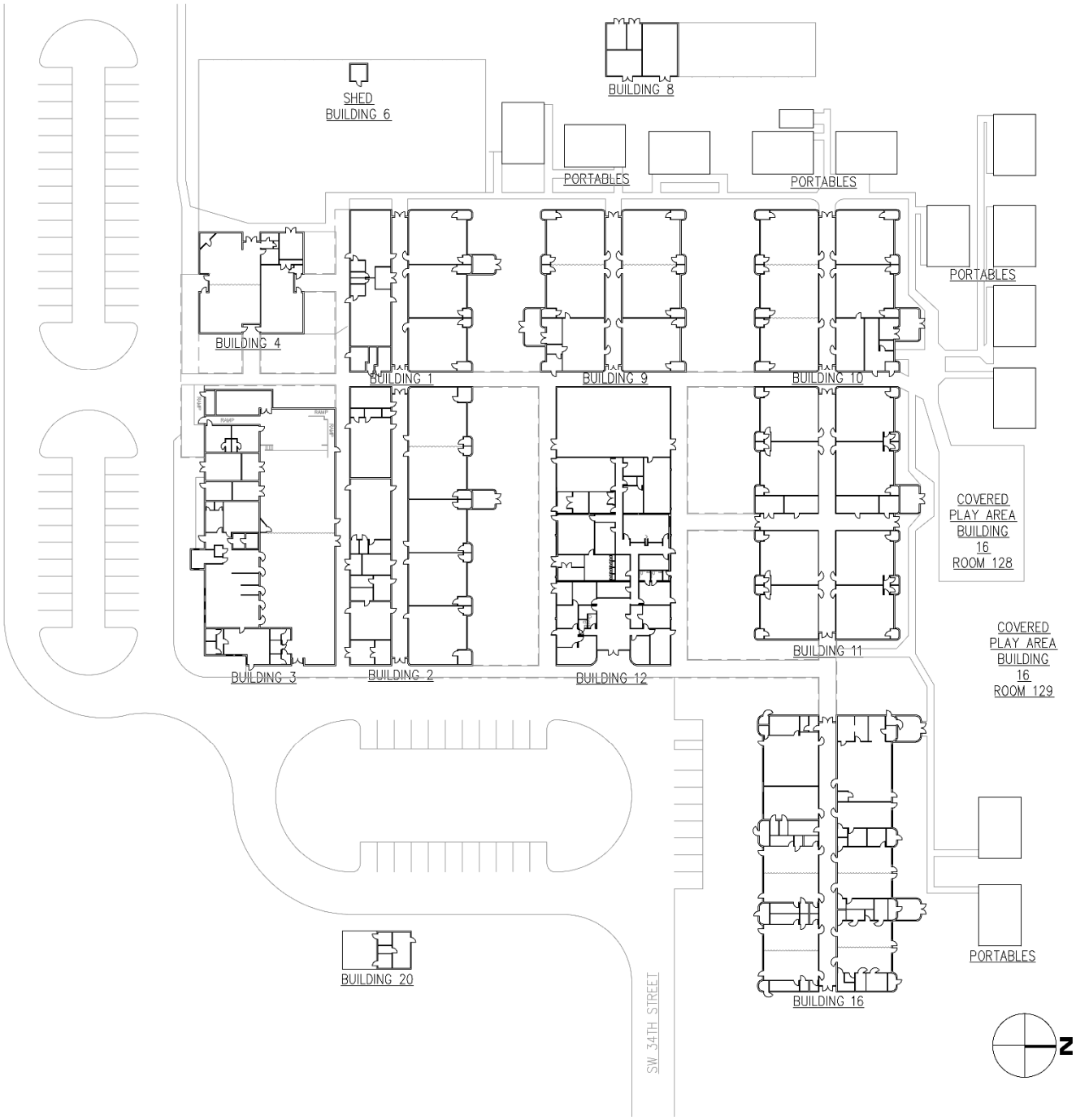
| | Palm City Elementary School | Castaldi Formula | | Building 20 |
|---|---|---|---|---|
| CE = | Cost of Educational Improvements | | | |
| CH = | Cost of Health and Aesthetic Improvements | | | |
| CS = | Cost of Building and Safety Improvements | | | |
| IA = | Estimated Index of Educational Adequacy | 0.75 | | |
| LM = | Estimated Useful Life of Modernized Bldg. | (65 years - current age) | | |
| R = | Cost of Replacement Bldg. | $136/sf (2013 DOE) | | |
| LR = | Estimated Life of New Bldg. | 65 | Years | |
| | | | | |
| | Building Information | | | |
| | Year Built | 1991 | | |
| | Year of Modernization | 2020 | | |
| | Building Age | 27 | Years | |
| | Useful Life | 36 | Year | |
| | Building Area | 873 | SF | |
| | Additional Area | 0 | | |
| | Renovation Area | 873 | | |
| | Remodeling Area | 873 | SF | |
| | Total Area | 873 | SF | |
| | | | | |
| | Castaldi Formula | Remodel | VS | Replacement Cost |
| | | (CE+CH+CS) x 1.2 | VS | R |
| | | LM x IA | | LR |
| | Based on Cost per square foot | | | |
| | Renovation Cost | 33.30% | $45/sf | (2013 DOE) |
| | Remodel Cost | 50% | $68/sf | |
| | Replacement Cost | 100% | $136/sf | |
| | Demolition Cost | 7% | $8.50/sf | |
| | | | | |
| | Cost of Educational Improvements | 873 sf x $68 = $59,364 | | |
| | Useful Life of Modernized Building | 25 | | |
| | Educational Adequacy Index | 0.75 | | |
| | Replacement Cost | 873 sf x $136/sf = $118,728 + Demolish 873 sf x $8.50 =$7,421 Total = $126,149 | | |
| | Estimated Life of New Building | 65 | | |
| | Castaldi Formula | Remodel Cost | VS | Replacement Cost |
| | | $59,364 x 1.2 = $71,237 | VS | $126,149 |
| | | 36 x .75 = 27 | | 65 |
| | Results | $1,979 | | $1,941 |
| | Percentage of Modernization to Replacement | 98.07983830217280% | 98% | |
| | | | | |
| | Preliminary results indicate the costs to renovate the facility appear to be higher than the valued cost for replace over the anticipated life of the building. | | | |

Palm City Elementary School
Facility Location


1951 SW 34thy Street
Palm City, Florida 34990

Song + Associates, Inc.
Architecture • Planning • Interior Design

# FISH Site Plan, See EFIS for Inventory



Refer to Attachment 2 for Palm City Elementary School FISH Inventory Reports

# Florida DOE 2014 Report of Cost of Construction

FLORIDA DEPARTMENT OF EDUCATION
PUBLIC SCHOOL DISTRICTS

DESIGN BUILD=YELLOW

ALL CONSTRUCTION
ALL SCHOOLS

CALENDAR YEAR 2014
Construction Contract Completed Between 1/01/2014 and 12/31/2014

January 2014 Cost per student station increase
Elem 21,184
Mid 22,868
High 25,728

| Type 1=Ele 2=Mid 3=Hi 4=Oth | DISTRICT NAME | FACILITY NAME | STUDENT STATIONS | TEACHER STATIONS | NO. OF CLSRMS GRADE K-3 | NO. OF CLSRMS GRADE 4-8 | NO. OF CLSRMS GRADE 9-12 | NET SQUARE FEET | GROSS SQUARE FEET | LEGAL AND ADM COST | ARCHITECT AND ENGINEER FEES | SITE IMPROV. | CONTRACT COST | FURNITURE AND EQUIPMENT | TOTAL FACILITY COST | TOTAL COST PER STUDENT STATION | HURRICANE SHELTER | SITE COST | PUBLIC UTILITIES COST | SITE DRAINAGE AND/OR RETENTION AREA COST | PUBLIC ROAD ACCESS COST | ENVIRON. PROBLEM COST | TOTAL PLANT COST | CONST. CONTRACT COST PER STUDENT STATION | PLANT COST PER STUDENT STATION | COST PER GROSS SQUARE FOOT | REVENUE CODES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Citrus | Crystal River High School | 1,072 | 49 | | | 49 | 123,596 | 197,978 | 705,568 | 2,560,275 | | 21,473,978 | 852,167 | 35,615,381 | 33,223 | | 1,154,475 | 115,966 | | 660,355 | 410,718 | 37,361,867 | 29,360 | 35,356 | 190 | 3,16,17,18,19 |
| 1 | Gadsden | Havana PK - 08 | 306 | 21 | 11 | | | 29,978 | 29,978 | 76,500 | 458,382 | | 4,679,606 | 327,982 | 5,536,492 | 18,156 | | | | | | 22,222 | 5,558,714 | 15,286 | 18,172 | 186 | 13,15,16 |
| 1 | Indian River | Fellsmere Elementary | 0 | 0 | | | | 8,513 | 10,084 | 0 | 260,357 | 574,193 | 1,423,974 | 289,382 | 2,547,924 | 0 | 0 | 0 | 32,434 | 0 | 0 | 0 | 2,580,358 | 0 | 0 | 256 | 16 |
| 1 | Indian River | Fellsmere Elementary | 274 | 15 | 13 | | | 22,469 | 31,092 | 0 | 396,194 | 873,634 | 4,253,390 | 107,500 | 5,630,718 | 20,550 | 0 | 0 | 32,434 | 0 | 0 | 0 | 5,663,152 | 15,523 | 20,866 | 182 | 16,18 |
| 1 | Indian River | Treasure Coast Elementary | 220 | 10 | 10 | | | 12,933 | 19,486 | 0 | 296,358 | 265,000 | 3,342,273 | 126,050 | 3,841,679 | 17,917 | 0 | 0 | 1,661 | 0 | 0 | 0 | 3,843,340 | 15,192 | 17,924 | 213 | 16,18 |
| 2 | Lake | Mt. Dora MS | 352 | 16 | | 16 | | 20,000 | 28,582 | | 180,716 | 16,000 | 5,116,430 | 341,141 | 5,648,143 | 16,617 | | | | 3,300 | | | 5,652,443 | 14,518 | 16,626 | 205 | 18 |
| 3 | Lee | Dunbar High School | 1,825 | 100 | | | 25 | 239,000 | 240,000 | 5,000 | 1,037,000 | 50,000 | 23,421,827 | 3,200,000 | 27,713,827 | 15,188 | | | | | | | 27,713,827 | 12,834 | 15,188 | 107 | 18 |
| 4 | Madison | Lee Elementary | 0 | 0 | 0 | | | 749 | 788 | 0 | | 2,972 | 72,242 | 0 | 75,214 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75,214 | 0 | 0 | 96 | 18 |
| 1 | Orange | Dr. Phillips ES | 660 | 45 | 26 | 0 | 0 | 69,297 | 72,617 | 0 | 637,933 | 1,850,611 | 8,150,993 | 830,824 | 11,470,161 | 17,440 | 0 | 1,651,696 | 15,838 | 0 | 178,573 | 363,850 | 13,684,918 | 12,350 | 21,038 | 191 | 18 |
| 1 | Orange | John Young ES | 832 | 54 | 45 | 0 | 0 | 79,038 | 84,111 | 0 | 644,465 | 1,436,471 | 8,610,724 | 1,037,820 | 11,931,500 | 14,341 | 0 | 379,000 | 12,532 | 0 | 0 | 25,215 | 12,348,247 | 10,580 | 14,842 | 147 | 18 |
| 1 | Orange | Little River ES | 500 | 34 | 26 | 0 | 0 | 51,570 | 61,780 | 0 | 1,212,762 | 1,142,327 | 8,202,194 | 705,810 | 11,263,093 | 22,526 | 0 | 1,233,000 | 284,873 | 0 | 11,000 | 16,663 | 12,808,629 | 16,464 | 25,617 | 207 | 18 |
| 1 | Orange | Ocoee ES | 830 | 53 | 44 | 0 | 0 | 82,167 | 88,220 | 0 | 660,660 | 1,470,388 | 9,288,970 | 1,039,087 | 12,466,105 | 15,019 | 0 | 75,000 | 33,650 | 0 | 0 | 66,917 | 12,640,772 | 11,189 | 15,230 | 143 | 18 |
| 1 | Orange | Pinelock ES | 830 | 53 | 44 | 0 | 0 | 82,167 | 88,420 | 0 | 632,269 | 1,409,183 | 9,343,280 | 1,048,977 | 12,433,709 | 14,980 | 0 | 22,500 | 16,068 | 0 | 0 | 6,195 | 12,479,472 | 11,257 | 15,034 | 140 | 18 |
| 1 | Orange | Shingle Creek ES | 830 | 54 | 45 | 0 | 0 | 79,038 | 84,111 | 0 | 636,813 | 1,198,410 | 8,633,494 | 1,235,140 | 11,693,867 | 14,055 | 0 | 1,004,835 | 19,220 | 0 | 0 | 12,808 | 12,750,530 | 10,577 | 15,326 | 152 | 17,18 |
| 1 | Orange | Spring Lake ES | 627 | 40 | 33 | 0 | 0 | 70,056 | 72,794 | 0 | 648,909 | 1,276,130 | 9,768,510 | 874,049 | 12,565,598 | 20,041 | 0 | 16,600 | 24,169 | 0 | 0 | 27,015 | 12,633,382 | 15,580 | 20,149 | 174 | 18 |
| 1 | Orange | Washington Shores ES | 684 | 48 | 36 | 0 | 0 | 77,893 | 82,949 | 0 | 591,793 | 1,395,461 | 10,068,764 | 964,396 | 13,070,419 | 19,016 | 0 | 2,500 | 11,623 | 0 | 0 | 54,301 | 13,088,842 | 14,720 | 19,136 | 162 | 18 |
| 1 | Orange | Wheatley ES | 560 | 36 | 26 | 0 | 0 | 77,207 | 79,521 | 0 | 740,780 | 1,083,517 | 9,153,683 | 803,731 | 11,781,921 | 21,039 | 0 | 13,400 | 11,292 | 0 | 0 | 50,043 | 11,856,656 | 16,546 | 21,173 | 149 | 18 |
| 1 | Osceola | Central Avenue Elementary School | 308 | 14 | 14 | 0 | 0 | 18,333 | 19,825 | 8,150 | 144,377 | 273,882 | 2,922,928 | 233,544 | 3,482,881 | 11,308 | 0 | 0 | 0 | 0 | 0 | 0 | 3,482,881 | 9,165 | 11,308 | 176 | 18 |
| 3 | Osceola | Celebration High School | 500 | 20 | 0 | 9 | 17 | 23,300 | 35,836 | 26,108 | 288,680 | 383,943 | 4,962,091 | 475,114 | 6,166,936 | 12,334 | 0 | 0 | 0 | 0 | 0 | 0 | 6,166,936 | 9,964 | 12,334 | 172 | 18 |
| 1 | Osceola | Hickory Tree Elementary School | 309 | 14 | 14 | 0 | 0 | 13,464 | 16,535 | 7,750 | 170,631 | 231,376 | 2,397,868 | 270,428 | 3,078,073 | 9,964 | 0 | 0 | 0 | 0 | 0 | 0 | 3,078,073 | 7,785 | 9,964 | 186 | 18 |
| 1 | Palm Beach | The Conservatory School of North Palm | 753 | 52 | 52 | | | 39,891 | 117,605 | 0 | 1,570,793 | 1,970,739 | 17,577,786 | 714,515 | 21,833,833 | 28,996 | 443,316 | 0 | 0 | 100,000 | 0 | 0 | 22,377,152 | 23,344 | 29,717 | 190 | 18 |
| 1 | Pasco | Schrader Elementary | 498 | 27 | 27 | | | 75,626 | 84,560 | 0 | 741,224 | 1,217,192 | 10,620,622 | 791,552 | 13,370,609 | 26,525 | 0 | 0 | 20,084 | 167,177 | 0 | 177,270 | 13,735,131 | 21,327 | 27,581 | 162 | 18 |
| 4 | Pinellas | Pinellas Park High School | 0 | 0 | 0 | 0 | 0 | 2,000 | 2,448 | 1,546 | 45,322 | 27,845 | 587,280 | 0 | 661,993 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 661,993 | 0 | 0 | 270 | 16,19 |
| 4 | Santa Rosa | Chumuckla Elementary | 0 | 0 | | | | 13,941 | 13,806 | | 194,670 | 213,360 | 1,840,937 | 378,429 | 2,627,396 | 0 | 9,964 | | | 96,000 | | | 2,723,360 | 0 | 0 | 172 | 16,18 |
| 4 | Santa Rosa | Glenn Intermediate | 0 | 0 | | | | 3,830 | 4,133 | | 94,064 | 93,558 | 648,119 | 269,150 | 1,064,932 | 0 | | | 1,000 | 5,300 | | | 1,091,232 | 0 | 0 | 264 | 16,18 |
| 4 | Santa Rosa | Gulf Breeze High | 0 | 0 | | | | 8,036 | 8,146 | | 101,608 | 40,495 | 1,147,419 | 12,597 | 1,301,908 | 0 | | | 4,790 | 42,900 | | | 1,349,601 | 0 | 0 | 226 | 16,18 |
| 3 | Santa Rosa | Jay High | 61 | 2 | | | 2 | 6,127 | 7,037 | | 81,094 | 68,267 | 809,617 | 37,570 | 996,982 | 16,311 | | | | 24,166 | | | 1,039,108 | 13,264 | 16,707 | 145 | 16,17,18 |
| 4 | Santa Rosa | Jay High | 0 | 0 | | | | 12,285 | 14,286 | | 164,845 | 138,592 | 1,641,535 | 346,470 | 2,291,242 | 0 | | | | 49,064 | | | 2,340,306 | 0 | 0 | 164 | 16,17,18 |
| 3 | Santa Rosa | Milton High | 150 | 6 | | | 6 | 11,100 | 12,147 | | 156,107 | 91,504 | 1,668,789 | 83,406 | 1,987,805 | 13,252 | 11,662 | 0 | 23,440 | 17,500 | | | 2,040,007 | 11,112 | 13,604 | 168 | 16,18 |
| 4 | Sarasota | Booker High School | 0 | 0 | | | 0 | 290,060 | | 20,000 | 4,000,000 | 7,400,000 | 42,200,000 | 1,200,000 | 54,820,000 | 0 | 1,004,622 | 0 | 0 | 0 | 1,550,000 | 25,000 | 57,209,622 | 0 | 0 | 0 | 16,17,18,19 |
| 1 | Suwannee | Suwannee Primary School | 54 | 3 | 3 | | | 2,513 | | 0 | 27,978 | 0 | 257,884 | 23,571 | 309,433 | 5,730 | 0 | 0 | 0 | 0 | 0 | 0 | 309,433 | 4,776 | 5,730 | 0 | 16 |
| 3 | Wakulla | Wakulla High School | 20 | 1 | | | 1 | | 3,600 | | 28,681 | | 428,405 | 5,441 | 460,530 | 23,027 | 0 | 0 | 4,885 | 0 | 0 | 0 | 465,415 | 21,420 | 23,271 | 129 | 12 |

| Total | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | Elem Average | | 534 | 34 | 23 | 0 | 0 | 55,392 | 68,606 | 5,435 | 607,411 | 1,005,073 | 7,482,187 | 654,617 | 9,765,122 | 17,538 | 26,078 | 259,914 | 28,426 | 15,716 | 11,151 | 48,318 | 10,154,725 | 13,600 | 18,154 | 162 | |
| 1 | Mid Average | | 352 | 16 | 8 | 16 | 0 | 20,355 | 28,582 | 0 | 180,716 | 16,000 | 5,116,430 | 341,141 | 5,648,143 | 16,617 | 0 | 0 | 0 | 3,300 | 0 | 0 | 5,652,443 | 14,518 | 16,626 | 205 | |
| 6 | High Average | | 605 | 30 | 8 | 0 | 17 | 57,197 | 86,083 | 122,846 | 697,305 | 97,205 | 10,463,691 | 775,533 | 12,156,570 | 18,880 | 1,977 | 192,412 | 34,949 | 6,944 | 100,892 | 69,453 | 12,551,298 | 16,324 | 19,410 | 152 | |
| 8 | Other Average | | 0 | 0 | 0 | 0 | 0 | 42,321 | 6,711 | 2,693 | 606,338 | 1,957,637 | 6,195,189 | 514,480 | 8,176,326 | 0 | 126,846 | 0 | 4,778 | 27,920 | 168,758 | 4,375 | 8,508,997 | 0 | 0 | 181 | |
| 24 | State Average | | 497 | 27 | 16 | 5 | 6 | 47,645 | 58,454 | 42,760 | 561,877 | 373,071 | 7,686,739 | 590,497 | 9,256,945 | 17,651 | 9,362 | 150,775 | 17,492 | 9,953 | 37,348 | 38,924 | 9,510,493 | 14,614 | 18,563 | 173 | |

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