

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

EXHIBIT 1

1. Bayview Elementary School

TOTAL: \$ 7,210

Replacement School

CHANGE ORDER NO. 17

PROJECT NO. 0641-99-01

Financial Impact: None

Consultant: Harper Partners, Inc

Contractor: Padula & Wadsworth Construction

Owner Request:

\$ 0

Consultant Error:

\$ 5,702

Item No. - 076 Extra furring to allow for electrical conduit at inside of entrances in classrooms due to electrical conduit conflict on first floor only. (\$859)

Item No. - 077 Install additional rigid insulation at east main entrance. (\$440)

Item No. - 082 Install additional furring and drywall in room 608B, with additional suspended drywall ceiling. This is a code requirement. (\$1,725)

Item No. - 083 Install additional furring and drywall in room 607. (\$1,589)

Item No. - 084 Install additional furring and drywall in room 608A south and east wall. (\$794)

Item No. - 086 South wall stucco patching on administration building due to cutting of previously finished stucco required to install welded steel beams not shown on drawings. (\$295)

Unforeseen:

\$ 1,508

Item No. - 080 Install additional furring and drywall at drinking fountain and extra chase 5' x 4' x 1' deep. (\$305)

Item No. - 081 Install additional furring and drywall in room 608, west wall, and part of south wall. Additional furring and drywall needed to repair water damaged walls. (\$1,203)

Manager, Facilities Project: Archer, Dave

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name: Bayview Elementary School **Date:** 07/21/03

Project Title: Phased Replacement **Project #:** 0641-99-01

Contractor: Padula & Wadsworth Construction Inc.
Consultant: Harper Partners Inc.
Sub Consultants:
Mechanical: Johnson Hernandez Associates
Structural: Jenkins & Charland, Inc.
Electrical: Johnson Hernandez Associates
Plumbing:
Civil Engineer: Flynn Engineering Services P.A.
Landscape: Stresau Smith & Stresau, PA

Original Contract Amount

\$6,317,600

Change Order Items

Consultant Errors:	<u>\$298,890</u>	4.73% of original contract amount
Owner Request:	<u>\$21,379</u>	0.34% of original contract amount
Unforeseen:	<u>\$87,982</u>	1.39% of original contract amount
Subtotal:	<u>\$408,251</u>	6.46% of original contract amount

Construction Change Directives

Consultant Errors:	<u>\$0</u>	0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:	<u>0</u>	0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount

Total: \$408,251 6.46% of original contract amount

Change Order:

A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

Construction Change Directive:

A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

2. Castle Hill Elementary School

TOTAL: \$ 470,246

Multipurpose Facility & Classrooms

CHANGE ORDER NO. 10

PROJECT NO. 1461-98-01

Financial Impact: None

Consultant: ACAI Associates, Inc.

Contractor: G.T. McDonald Enterprises, Inc.

Owner Request:

\$ 0

Consultant Error:

\$ 4,235

Item No. - 040 Labor and material to supply power to all hand dryers. Not included in contract documents. (\$4,235)

Unforeseen:

Grant 14 Days to Contract

\$ 466,011

Item No. - 041 Labor and material to remove and replace existing roof and bring up to code, including removal and reinstallation of all roof equipment, wiring and A/C roof stands of existing building #1. Existing roof is deteriorated, with multiple roof leaks due to ponding areas, flashing, and lack of coping caps causing a harmful environment inside the school. In addition, the roof has been resurfaced two times, and by code you have to do a complete replacement. (\$466,011)

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name:	Castle Hill Elementary School	Date:	07/21/03
Project Title:	Addition & Remodeling	Project #:	1461-98-02

Contractor:	G.T. McDonald Enterprise
Consultant:	ACAI Associates Inc.
Sub Consultants:	N/A
Mechanical:	N/A
Structural:	N/A
Electrical:	N/A
Plumbing:	N/A
Civil Engineer:	N/A
Landscape:	N/A

Original Contract Amount

\$2,664,000

Change Order Items

Consultant Errors:	<u>\$78,153</u>	2.93% of original contract amount
Owner Request:	<u>\$86,657</u>	3.25% of original contract amount
Unforeseen:	<u>\$583,130</u>	21.89% of original contract amount
Subtotal:	<u>\$747,940</u>	28.08% of original contract amount
Construction Change Directives		
Consultant Errors:		0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:		0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount
Total:	<u>\$747,940</u>	28.08% of original contract amount

Change Order:

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**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

3. Dillard Elementary School

TOTAL: \$ -1,200

Mold & Mildew

CHANGE ORDER NO. 01

PROJECT NO. 0271-99-05

Financial Impact: None

Consultant:

Contractor:

Owner Request:

\$ -1,200

Item No. - 002 Omit the building signage specified; exterior letters and signage. The existing raised stucco letter signage was not destroyed during stucco demolition operations. Therefore, the specified replacement signage will not require installation. This change is required to credit SBBC for unnecessary work. (\$-1,200)

Consultant Error:

\$ 0

Unforeseen:

\$ 0

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name: Dillard Elementary **Date:** 07/02/03

Project Title: Exterior Renovations **Project #:** 0271-99-05

Contractor: Hewett Kier Construction
Consultant: Vaughn, Wunsch and Masullo
Sub Consultants:
Mechanical:
Structural:
Electrical:
Plumbing:
Civil Engineer:
Landscape:

Original Contract Amount \$953,486

Change Order Items

Consultant Errors:		0.00% of original contract amount
Owner Request:	<u>-\$1,200</u>	-0.13% of original contract amount
Unforeseen:		0.00% of original contract amount
Subtotal:	<u>-\$1,200</u>	-0.13% of original contract amount
Construction Change Directives		
Consultant Errors:	<u>\$0</u>	0.00% of original contract amount
Owner Request:		0.00% of original contract amount
Unforeseen:		0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount
Total:	<u>-\$1,200</u>	-0.13% of original contract amount

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Construction Change Directive: A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
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SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

4. Driftwood Elementary School

TOTAL: \$ 55,821

Master Plan - Stage 2

CHANGE ORDER NO. 07

PROJECT NO. 0721-94-02

Financial Impact: None

Consultant: Bermello, Ajamil and Partners, Inc.

Contractor: S.F.C.S., Inc.

Owner Request:

\$ 55,821

Item No. - 050 Furnish and install new walls, fixtures and finishes for two ADA compliant restrooms, and modification and relocation of storage cabinets in building #6. Existing bathrooms do not meet ADA code. (\$55,821)

Consultant Error:

\$ 0

Unforeseen:

\$ 0

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name:	Driftwood Elementary School	Date:	07/16/03
Project Title:	Phased Replacement	Project #:	0721-94-02

Contractor:	SFCS, Inc.
Consultant:	Bermello, Ajamil
Sub Consultants:	
Mechanical:	Hammond & Associates
Structural:	Lakdas Engineering
Electrical:	Hammond & Associates
Plumbing:	Hammond & Associates
Civil Engineer:	Bermello, Ajamil
Landscape:	Bermello, Ajamil

Original Contract Amount \$3,404,700

Change Order Items		
Consultant Errors:	<u>\$43,893</u>	1.29% of original contract amount
Owner Request:	<u>\$208,043</u>	6.11% of original contract amount
Unforeseen:	<u>\$128,511</u>	3.77% of original contract amount
Subtotal:	<u>\$380,447</u>	11.17% of original contract amount
Construction Change Directives		
Consultant Errors:		0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:		0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount
Total:	<u>\$380,447</u>	11.17% of original contract amount

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Construction Change Directive:	A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

5. Ely High School

TOTAL: \$ 2,500

Additions and Renovations

CHANGE ORDER NO. 02

PROJECT NO. 0361-21-01

Financial Impact: None

Consultant: Spillis Candela & Partners, Inc. (DCP)

Contractor: Padula & Wadsworth Construction

Owner Request:

\$ 0

Consultant Error:

Grant 12 Days to Contract

\$ 2,977

Item No. - 009 Provide floor drains in room 121K, and at the south end of the utility wall in the kitchen (room 121). These floor drains were not shown in the contract documents.

(\$1,227)

Unforeseen:

\$ -477

Item No. - 008 Connect the water supply for the kitchen portables to an existing underground 2" water line in lieu of connecting to a line inside existing building #1. Underground water line was located near to the site of the temporary kitchen portables. (\$-477)

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name: Blanche Ely High School **Date:** 07/15/03

Project Title: New Addition, Renovations and Remodeling **Project #:** 0361-21-01

Contractor:	Padula & Wadsworth
Consultant:	Spills Candela
Sub Consultants:	
Mechanical:	Spills Candela
Structural:	Spills Candela
Electrical:	Spills Candela
Plumbing:	Spills Candela
Civil Engineer:	Craven Thompson
Landscape:	Craven Thompson

Original Contract Amount \$11,839,700

Change Order Items		
Consultant Errors:	<u>\$2,977</u>	0.03% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:	<u>-\$477</u>	0.00% of original contract amount
Subtotal:	<u>\$2,500</u>	0.02% of original contract amount
Construction Change Directives		
Consultant Errors:		0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:		0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount
Total:	<u>\$2,500</u>	0.02% of original contract amount

Change Order:	A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.
Construction Change Directive:	A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

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SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

6. Endeavour Primary Learning (Lauderhill)

TOTAL: \$ 104,102

Construction Primary Center

CHANGE ORDER NO. 05

PROJECT NO. 3301-99-01

Financial Impact: None

Consultant: Schenkel & Shultz, Architect

Contractor: Hewett-Kier Construction Corporated

Owner Request:

\$ 2,276

Item No. - 011 Revise flooring from VCT to ceramic tile in custodial rooms 102 and 136 per owner's request. (\$2,276)

Consultant Error:

\$ 93,446

Item No. - 005 Revise casework from particle board to plywood to meet SBBC casework criteria. (\$20,266)

Item No. - 006 Relocation of oak trees per DPEP (Department of Planning and Environmental Protection). DPEP required relocation of trees as part of condition of permit. (\$17,215)

Item No. - 007 Reroute plumbing for water coolers. Specification for water cooler was changed to electric water cooler after rough-in was installed for water cooler. (\$780)

Item No. - 008 Revise urinal to toilet stall to meet code requirement. (\$712)

Item No. - 009 Revisions to Architectural, MEP, and Structural drawings per Building Department comments revised after bid. Includes code items as well as SBBC standards. (\$54,473)

Unforeseen:

\$ 8,380

Item No. - 010 Remove existing manhole and add 115' of 8" sanitary line. Due to unforeseen field condition. (\$8,380)

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name: Endeavour Learning Center **Date:** 07/21/03

Project Title: Circle Site Primary Learning Center **Project #:** 3301-99-01

Contractor: Hewett-Kier Construction
Consultant: Shenkel Shultz Architecture
Sub Consultants: N/A
Mechanical: N/A
Structural: N/A
Electrical: N/A
Plumbing: N/A
Civil Engineer: N/A
Landscape: N/A

Original Contract Amount \$5,928,132

Change Order Items

Consultant Errors:	<u>\$76,231</u>	1.29% of original contract amount
Owner Request:	<u>\$89,873</u>	1.52% of original contract amount
Unforeseen:	<u>\$25,595</u>	0.43% of original contract amount
Subtotal:	<u>\$191,699</u>	3.23% of original contract amount

Construction Change Directives

Consultant Errors:		0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:		0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount

Total: \$191,699 3.23% of original contract amount

Change Order: A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

Construction Change Directive: A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

7. Fort Lauderdale High School

TOTAL: \$ 22,250

COMBINED WITH 899-01

CHANGE ORDER NO. 05

PROJECT NO. 0951-21-01

Financial Impact: None

Consultant: Rizo Carreno & Partners

Contractor: Centex-Rooney

Owner Request:

\$ 0

Consultant Error:

\$ 22,250

Item No. - 008 Provide labor and material to fill the CMU block cells approximately 466 linear feet of wall section with concrete slab on grade to 2nd floor concrete tie beam for building A. This is to provide a 4 hour fire separation of buildings. (\$22,250)

Unforeseen:

\$ 0

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name:	Fort Lauderdale High School	Date:	07/21/03
Project Title:	Phased Replacement	Project #:	0951-21-01

Contractor:	Centex Rooney Construction Company
Consultant:	Rizzo Carreno & Partners Architects, Inc.
Sub Consultants:	
Mechanical:	Tilden Iobnitz Cooper
Structural:	David McCloskey, P.E.
Electrical:	Johnson Hernandez Associates
Plumbing:	
Civil Engineer:	Craven Thompson & Associates, Inc.
Landscape:	Craven Thompson & Associates, Inc.

Original Contract Amount	\$21,015,956
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Change Order Items		
Consultant Errors:	\$41,989	0.20% of original contract amount
Owner Request:	\$176,199	0.84% of original contract amount
Unforeseen:	\$388,137	1.85% of original contract amount
Subtotal:	\$606,325	2.89% of original contract amount
Construction Change Directives		
Consultant Errors:	\$0	0.00% of original contract amount
Owner Request:	\$0	0.00% of original contract amount
Unforeseen:	0	0.00% of original contract amount
Subtotal:	\$0	0.00% of original contract amount
Total:	\$606,325	2.89% of original contract amount

Change Order:	A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.
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Construction Change Directive:	A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.
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**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

8. Lake Forest Elementary School

TOTAL: \$ 15,261

Phased Replacement Phase II

CHANGE ORDER NO. 02

PROJECT NO. 0831-99-01

Financial Impact: None

Consultant: M C Harry & Assoc.

Contractor: South Florida Construction

Owner Request:

\$ 0

Consultant Error:

\$ 0

Unforeseen:

Grant 13 Days to Contract

\$ 15,261

Item No. - 003 Provide a new grease trap with baffle to replace damaged existing grease trap. Disconnect active sewer line, remove and dispose of second collapsed grease trap. Construction documents required the existing grease traps be relocated to make room for the new classroom building #5. The contractor relocated one, however, the other grease trap broke apart in transit. It was determined that neither grease trap has been built with reinforcing. After the new grease trap was installed, the second one began to collapse during backfilling and compaction of the building pad. (\$10,145)

Item No. - 004 Provide power and explosion-proof fire detection device to a temporary flammable storage. A temporary flammable storage unit was added to the construction project. The contractor is to connect the unit to an existing electrical panel, add an explosion-proof heat detector, and connect the device to the existing fire alarm system. (\$5,116)

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name: Lake Forest Elementary School **Date:** 07/21/03

Project Title: Phased Replacement **Project #:** 0831-99-01

Contractor: S.F.C.S., Inc.
Consultant: M.C. Harry & Associates, Inc.
Sub Consultants:
Mechanical: S.D.M. Engineers
Structural: Jenkins & Charland
Electrical: S.D.M. Engineers
Plumbing: S.D.M. Engineers
Civil Engineer: EAC Consulting, Inc.
Landscape: Laura Llerena & Associates, Inc.

Original Contract Amount \$6,477,000

Change Order Items

Consultant Errors:	<u>\$0</u>	0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:	<u>\$15,261</u>	0.24% of original contract amount
Subtotal:	<u>\$15,261</u>	0.24% of original contract amount

Construction Change Directives

Consultant Errors:		0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:	<u></u>	0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount

Total: \$15,261 0.24% of original contract amount

Change Order: A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

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**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

9. Margate Middle School

TOTAL: \$ 2,009

12 Classroom Addition

CHANGE ORDER NO. 11

PROJECT NO. 0581-99-01

Financial Impact: None

Consultant: Architecture, Inc.

Contractor: Padula & Wadsworth Construction

Owner Request:

\$ 0

Consultant Error:

\$ 0

Unforeseen:

Grant 5 Days to Contract

\$ 2,009

Item No. - 033 Replace exterior soffit, including structural framing, removed during asbestos abatement. The original exterior soffit of the existing building contained asbestos panels. The portion of the exterior soffit that was abated extended past the limits of the new classroom building. The remainder of the exposed soffit had to be replaced. (\$2,009)

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name:	Margate Middle School	Date:	07/15/03
Project Title:	12 Classroom Addition	Project #:	0581-99-01

Contractor:	Padula & Wadsworth Construction, Inc.
Consultant:	Architecture Inc.
Sub Consultants:	
Mechanical:	Johnson Hernandez
Structural:	Jenkins & Charland
Electrical:	Johnson Hernandez
Plumbing:	Johnson Hernandez
Civil Engineer:	Holland Engineering
Landscape:	Architecturasl Alliance

Original Contract Amount \$2,231,200

Change Order Items

Consultant Errors:	<u>\$121,112</u>	5.43% of original contract amount
Owner Request:	<u>\$7,294</u>	0.33% of original contract amount
Unforeseen:	<u>\$63,387</u>	2.84% of original contract amount
Subtotal:	<u>\$191,793</u>	8.60% of original contract amount

Construction Change Directives

Consultant Errors:	<u> </u>	0.00% of original contract amount
Owner Request:	<u> </u>	0.00% of original contract amount
Unforeseen:	<u> </u>	0.00% of original contract amount
Subtotal:	<u> \$0</u>	0.00% of original contract amount

Total: \$191,793 **8.60%** of original contract amount

Change Order:

A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

Construction Change Directive:

A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
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SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

10. Markham, Robert C. Elementary School

TOTAL: **\$ 3,192**

Construct New Kitchen, Cafeteria and Associated Spaces

CHANGE ORDER NO. 08

PROJECT NO. 1671-98-01

Financial Impact: None

Consultant: Zelch and McMahon, Architects

Contractor: Padula & Wadsworth Construction

Owner Request:

\$ 0

Consultant Error:

\$ 0

Unforeseen:

Grant 10 Days to Contract

\$ 3,192

Item No. - 038 Provide nine (9) additional trees. The drawings for the new parent pick-up/drop-off and additional parking were prepared and issued during the project's bid period. It was issued as an Addenda item; at that time, the specific requirements for additional trees were not known. All the permitting was completed only after the Contractor's Notice to Proceed and during construction. The additional trees provided are required by the Department of Planning and Environmental Protection. (\$3,192)

**The School Board of Broward County
Division of Facilities and Construction Management**

Change Order Summary

Facility Name: Markham Elementary **Date:** 07/22/03

Project Title: Additions and Renovations **Project #:** 1671-98-01

Contractor: Padula and Wadsworth Construction, Inc.
Consultant: Zelch & McMahon Architects
Sub Consultants:
Mechanical: Johnson and Hernandez
Structural: Bryntesen Structural Engineers
Electrical: Johnson and Hernandez
Plumbing: Johnson and Hernandez
Civil Engineer: Flynn Engineering
Landscape: David Bodker

***Original Contract
Amount*** **\$2,395,700**

Change Order Items

Consultant Errors:	<u>\$8,487</u>	0.35% of original contract amount
Owner Request:	<u>\$138,275</u>	5.77% of original contract amount
Unforeseen:	<u>\$36,090</u>	1.51% of original contract amount
Subtotal:	<u>\$182,852</u>	7.63% of original contract amount

Construction Change Directives

Consultant Errors:	<u>\$0</u>	0.00% of original contract amount
Owner Request:	<u>\$16,494</u>	0.69% of original contract amount
Unforeseen:	<u>49,413</u>	2.06% of original contract amount
Subtotal:	<u>\$65,907</u>	2.75% of original contract amount

Total: **\$248,759** 10.38% of original contract amount

Change Order:

A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

Construction Change Directive:

A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

The School Board of Broward County, Florida
Facilities and Construction Management

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

11. McNab Elementary School

TOTAL: \$ -53,861

Phase III Phased Replacement

CHANGE ORDER NO. 11 PROJECT NO. 0841-99-06 Financial Impact: None

Consultant: Perkins and Will Partnership

Contractor: Padula & Wadsworth Construction

Owner Request:

Grant 16 Days to Contract

\$ -53,861

Item No. - 041 Add a 80kw generator in lieu to the 180 kw generator called for in the contract documents. Owner request to reduce the capacity of the generator to minimum requirements. (\$-45,540)

Item No. - 046 Provide credit for the deletion of metal framing and stucco on the large canopy over the center of the classroom building. Provide alternate venting to the custodial closet due to the deletion of the soffit and close gap between the top of the elevator shaft and the bottom of the twin tee's now exposed because of the deletion of the framing. (\$-13,466)

Item No. - 047 Provide and install four fire dampers at the 2nd floor mechanical room. Fire damper size change due to a reconfiguration of duct sizes to accommodate lack of ceiling space. (\$2,590)

Item No. - 048 Add 730 sq. ft. of sidewalk to parent drop off. Increase the sidewalk dimension from the canopy column to the edge of sidewalk. (\$2,555)

Consultant Error:

\$ 0

Unforeseen:

\$ 0

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name:	McNab Elementary	Date:	06/25/03
Project Title:	Phased II and III Replacement	Project #:	0841-99-06

Contractor:	Padula & Wadsworth
Consultant:	Perkins & Will
Sub Consultants:	
Mechanical:	Fraga Engineering
Structural:	Donnell, Duquesne & Albaisa, P.A.
Electrical:	Fraga Engineering
Plumbing:	
Civil Engineer:	Flynn Engineering
Landscape:	Curtins & Rogers

Original Contract Amount \$8,273,000

Change Order Items		
Consultant Errors:	<u>\$56,943</u>	0.69% of original contract amount
Owner Request:	<u>-\$44,449</u>	-0.54% of original contract amount
Unforeseen:	<u>\$152,993</u>	1.85% of original contract amount
Subtotal:	<u>\$165,487</u>	2.00% of original contract amount
Construction Change Directives		
Consultant Errors:		0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:		0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount
Total:	<u>\$165,487</u>	2.00% of original contract amount

Change Order:	A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.
Construction Change Directive:	A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

12. McNicol Middle -Administrative Site

TOTAL: \$ 87,785

McNicol Middle- Administration Site

CHANGE ORDER NO. 02

PROJECT NO. 0482-22-01

Financial Impact: None

Consultant: Architecture, Inc.

Contractor: General Mechanical Corporation

Owner Request:

\$ 7,490

Item No. - 022 Provide material and labor to run piping between mechanical area (chiller yard) and mechanical room 3-101 below grade. The A/E was directed by the owner to change the original design of running the piping between the mechanical area (chiller yard) and mechanical room 3-101 above grade to running this piping below grade. (\$7,490)

Consultant Error:

Grant 5 Days to Contract

\$ 39,152

Item No. - 014 Supply and install a new fire alarm control panel. The existing fire alarm control panel does not have sufficient space to allow the addition of new devices. Additionally, it was indicated that the existing panel is not compatible with ADA device requirements. (\$10,754)

Item No. - 019 Provide chiller electrical feed, disconnect and combo starters. The details for the electrical disconnect and combo starter were not provided in the contract documents. (\$9,653)

Item No. - 028 Provide labor and materials for installation of furring channels and gypsum board. The A/E was directed by the owner to add furring channels and gypsum board at all walls necessary in building #3. (\$8,817)

Item No. - 029 Provide labor and materials for installation of two wall hydrants. The addition of two wall hydrants, one in men's toilet 3-103 and one in women's toilet 3-104. (\$1,947)

Item No. - 039 Provide labor and materials for installation of 4" piping and insulation of piping, pump air separator and expansion tank. The originally specified 3" piping was not of sufficient size. The pipe was increased to a 4" with additional insulation. The chiller pump, air separator, and expansion tank were not specified to receive insulation. These items require insulation. (\$7,981)

Unforeseen:

Grant 19 Days to Contract

\$ 41,143

Item No. - 002 Provide furred out wall to allow installation of plumbing fixture carriers. Upon

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

12. McNicol Middle -Administrative Site

completion of demolition activities, it was discovered that an existing hood and associated ductwork remained in the ceiling above room 1-111 and ran north to room 1-108 where it transitioned up to an existing exhaust fan. In order to prevent conflicts with new above ceiling equipment, the contractor was directed to remove this existing hood and associated ductwork. (\$629)

Item No. - 016 Provide VCT flooring in lieu of the originally specified carpet flooring. The A/E was directed by the owner to change th flooring from the originally specified and approved carpet flooring to VCT flooring in meeting room 1-129 and 1-130. This came at the request of Jack Mathison who represents the City of Hollywood. (\$4,505)

Item No. - 017 Provide metal framing, sheathing and stucco around standard windows. A request for substitution was submitted on the specified windows. The window substitution manufacturer did not have a product approval or the proper technical information, so the originally specified window was utilized. Because of the short construction schedule, a standard size window was recommended to expedite window delivery. The cost impact (\$12,275) of reducing the window opening size (framing and cladding) was agreed to be split between contractor and owner. (\$6,137)

Item No. - 018 Provide additional steel reinforcing of masonry in fill locations. The engineer deemed additional reinforcement necessary after further review of the masonry in-fill detail and existing condition. (\$1,038)

Item No. - 020 Provide reinforcement for doorframe and slab on grade. Upon completion of demolition and engineer review, it was determined that additional reinforcement was necessary to support the new door opening at electrical room 1-136. Upon completion of demolition, it was revealed that the existing mechanical room concrete equipment pads were not poured on top of the floor slab, but poured independent. This area required the in-fill of concrete to finish the floor as intended. (\$3,299)

Item No. - 021 Provide extd lights with battery backup. The contractor was directed by the owner to generate a proposal to replace all lighting fixtures. From this proposal, only the exit lights were accepted to be changed. (\$3,362)

Item No. - 024 Provide labor and materials for installation of steel channel, steel column and for fabrication and installation of steel I-beam seats. (\$3,529)

Item No. - 025 Provide labor and materials for metal stud wall, door and window at office 1-130B. The A/E was directed by the owner to install a wall with door and window to create an office at the request of the City of Hollywood. (\$2,382)

Item No. - 026 Provide labor and materials for removal of damaged wall and installation of

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

12. McNicol Middle -Administrative Site

wallboard and insulation to match existing. The northeast corner of building #1 sustained heavy termite damage. The damaged portion of the wall needed to be removed and replaced with new. Janitor closet 1-122 showed signs of mold and mildew. The infected areas were removed and replaced with new. (\$1,807)

Item No. - 027 Provide labor and materials for installation of electrical and data outlets and replacement of an existing fixture. The A/E was directed by the owner to add additional electrical and data outlets in buildings 1 and 3. Work was also necessary to remove and replace an exhaust fan. (\$2,458)

Item No. - 030 Provide labor and materials for installation of a mop sink. The existing mop sink was cracked and needed to be moved for new sanitary line installation. It was determined by the A/E that the mop sink would have to be replaced because of its condition and because it needed to be moved. (\$1,047)

Item No. - 031 Provide labor and materials for removal and installation of a hi-lo electric water cooler. Questions were raised regarding the lead free requirements for the existing electric water cooler. Information could not be produced from SBBC regarding the existing fixtures, so the owner directed the A/E to remove the existing and replace with a code compliant fixture. (\$2,018)

Item No. - 033 Provide labor and materials for repair and replacement of existing 1" and 2" water supply lines. The existing water supply lines were cut due to their location under an existing concrete slab to be demolished. The cut lines were replaced and redirected to avoid the same issue in the future. (\$1,938)

Item No. - 035 Provide labor and materials for installation of two (2) valve boxes. During the excavation for the pavilion footings, it was discovered that existing sprinkler system valves resided under the proposed pavilion. These valves would need to be accessible after project completion, so the A/E directed the contractor to install valve boxes in the concrete slab of the pavilion. (\$458)

Item No. - 040 Provide labor and materials for removal and installation of the concrete slab at the existing boiler room location. The slab has a non-compliant floor slab slope. This condition was made visible when the wall between the boiler room and adjacent space was removed. The best solution was to remove the existing 6" slab and replace with a 4" slab that was level with the adjacent space. (\$4,687)

Item No. - 041 Provide labor and materials for installation of a telephone chase. The location of the existing telephone conduit required the new telephone facilities to be located at that point. The location of the telephone facilities required the utilization of a chase to conceal the phone system hardware. (\$1,849)

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name: McNicol Middle School - Administrative Site **Date:** 07/21/03
Project Title: Remodeling/Renovation **Project #:** 0482-22-01

Contractor: General Mechanical Corporation
Consultant: Architectural, Inc.
Sub Consultants:
Mechanical: DeRose & Slopey
Structural: DeRose & Slopey
Electrical: DeRose & Slopey
Plumbing: DeRose & Slopey
Civil Engineer: DeRose & Slopey
Landscape: N/A

Original Contract Amount \$994,000

Change Order Items		
Consultant Errors:	<u>\$39,152</u>	3.94% of original contract amount
Owner Request:	<u>\$15,916</u>	1.60% of original contract amount
Unforeseen:	<u>\$78,010</u>	7.85% of original contract amount
Subtotal:	<u>\$133,078</u>	13.39% of original contract amount
Construction Change Directives		
Consultant Errors:		0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:		0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount
Total:	<u>\$133,078</u>	13.39% of original contract amount

Change Order:	A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.
Construction Change Directive:	A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

13. North Andrews Gardens Elementary School

TOTAL: \$ 173,587

Phased Replacement / Phase II

CHANGE ORDER NO. 04

PROJECT NO. 0521-95-01

Financial Impact: None

Consultant: Saltz Michelson Architects

Contractor: Padula & Wadsworth Construction

Owner Request:

\$ 0

Consultant Error:

\$ 0

Unforeseen:

\$ 0

CHANGE ORDER DIRECTIVE

\$ 173,587

Owner Request:

\$ 173,587

Item No. - 022 Provide spray-applied fireproofing to the roof joist and metal deck to achieve a one-hour fire rating required by the building code. (\$173,587)

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name: North Andrews Gardens Elementary **Date:** 07/21/03

Project Title: Replacement Elementary School **Project #:** 0521-95-01

Contractor: Padula & Wadsworth Construction, Inc
Consultant: Saltz Michelson Architects
Sub Consultants:
Mechanical: Johnson, Hernandez Associates, Inc
Structural: GHA Consulting Engineers, Inc
Electrical: Johnson, Hernandez Associates, Inc
Plumbing: Johnson, Hernandez Associates, Inc
Civil Engineer: GGB Engineering Inc
Landscape: Dave Bodker Landscape Architecture Planning

Original Contract Amount \$7,615,700

Change Order Items

Consultant Errors:	<u>\$0</u>	0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:	<u>\$0</u>	0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount

Construction Change Directives

Consultant Errors:		0.00% of original contract amount
Owner Request:	<u>\$173,587</u>	2.28% of original contract amount
Unforeseen:		0.00% of original contract amount
Subtotal:	<u>\$173,587</u>	2.28% of original contract amount

Total: \$173,587 2.28% of original contract amount

Change Order: A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

Construction Change Directive: A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS.

Meeting Date: 08/05/03

14. North Side Elementary School

TOTAL: \$ 49,473

New Cafeteria/Kitchen Renovations

CHANGE ORDER NO. 08

PROJECT NO. 0041-97-01

Financial Impact: None

Consultant: Synalovski Gutierrez Architects, Inc.

Contractor: A.V.I. Contractors Inc.

Owner Request:

\$ 7,049

Item No. - 040 Provide stage curtain. Additional stage curtain requested by school principal. (\$2,279)

Item No. - 042 Provide fire alarm pull station covers in all buildings. Requested by school principal to secure fire alarm system (\$4,770)

Consultant Error:

\$ 9,812

Item No. - 036 Provide flammable storage audible alarm. Not part of the original contract documents. Requested by mechanical inspector. Code requirement. (\$3,001)

Item No. - 037 Add stair landing detectable warning tiles and fire extinguishers. Not part of the original contract documents. Requested by building inspector; code requirement. (\$1,762)

Item No. - 039 Provide fire dampers in fire rated walls. Not in the original contract documents. Code requirement. (\$5,049)

Unforeseen:

Grant 3 Days to Contract

\$ 32,612

Item No. - 006 Relocate existing underground utilities in the footprint of construction of new flammable storage building. Existing underground utilities were in the way of new construction of flammable storage building. (\$5,819)

Item No. - 034 Work additional nights and weekend. As a result of the delay by SBBC in providing the portable dining rooms as per the schedule, the contractor had to work overtime hours in an effort in completing the electrical vault and the switch over of the existing building to the new FPL service. (\$11,842)

Item No. - 035 Relocate existing water and sewer lines. Existing water and sewer lines encountered below location of new footings. (\$557)

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

14. North Side Elementary School

Item No. - 041 Provide additional fences and gates around school campus. Requested by school principal to secure campus; numerous break-ins by vandals. (\$14,394)

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name:	North Side Elementary School	Date:	07/22/03
Project Title:	Classroom Addition & Cafeteria Replacement	Project #:	0041-97-01

Contractor:	A. V. I. Contractor's, Inc		
Consultant:	Synalovski Gutierrez Romanik Architects, Inc.		
Sub Consultants:			
Mechanical:	Creighton and Associates, Inc.		
Structural:	GHA Consulting Engineers, Inc.		
Electrical:	Norman F. Bray P. E., Inc.		
Plumbing:			
Civil Engineer:	Craven Thompson and Associates, Inc.		
Landscape:	Craven Thompson and Associates, Inc.		

Original Contract Amount

\$3,887,000

Change Order Items

Consultant Errors:	<u>\$104,460</u>	2.69% of original contract amount
Owner Request:	<u>\$112,732</u>	2.90% of original contract amount
Unforeseen:	<u>\$166,737</u>	4.29% of original contract amount
Subtotal:	<u>\$383,929</u>	9.88% of original contract amount

Construction Change Directives

Consultant Errors:	<u>\$0</u>	0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:	<u>0</u>	0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount

Total: \$383,929 9.88% of original contract amount

Change Order:

A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

Construction Change Directive:

A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

15. Nova Eisenhower D.D. Elementary School

TOTAL: \$ 18,668

Bus/Parent Drive

CHANGE ORDER NO. 01

PROJECT NO. 1271-99-51

Financial Impact: None

Consultant:

Contractor:

Owner Request:

\$ 2,750

Item No. - 004 Provide for an underground utility locating service to locate existing underground utilities within school perimeters. (\$1,167)

Item No. - 007 Provide two (2) temporary gates at temporary parking lot. The work includes removal of said gates upon phased site improvements to be constructed at a later date. In addition, the contractor shall provide 18 cubic yards of pea-rock at the temporary parking lot facility that serves Eisenhower Elementary School. The work includes removal of pea-rock upon phased site improvements to be constructed at a later date. District staff requested changes. (\$1,583)

Consultant Error:

\$ 1,222

Item No. - 001 Provide approximately 20 linear feet of 4' high, black vinyl coated, chain link fence adjacent to proposed catch basin to sidewalk. Contractor shall provide demolition of a portion of the existing catch basin apron and replace with backfill, sod and geofabric. Excessive slope drop off from back of sidewalk due to consultant error. (\$1,222)

Unforeseen:

Grant 2 Days to Contract

\$ 14,696

Item No. - 006 Contractor to provide for a 289 sq. yd. temporary road with approximately 289 sq. yd. of limerock base and 267 sq. yd. of 1" asphalt. In addition, the contractor shall provide for the widening of the S.W. 39th Street entrance driveway (approximately 100 sq. yd. of limerock base and 100 sq. yd. of 2" asphalt) including the installation of two new gates. (\$14,696)

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name: Nova Eisenhower Elementary School **Date:** 07/28/03

Project Title: Nova Schools Traffic Improvements **Project #:** 1271-99-51

Contractor: M. Vila & Associates, Inc.
Consultant: Miller Legg
Sub Consultants:
Mechanical:
Structural:
Electrical:
Plumbing:
Civil Engineer:
Landscape:

Original Contract Amount \$431,426

Change Order Items

Consultant Errors:	<u>\$1,222</u>	0.28% of original contract amount
Owner Request:	<u>\$2,750</u>	0.64% of original contract amount
Unforeseen:	<u>\$14,696</u>	3.41% of original contract amount
Subtotal:	<u>\$18,668</u>	4.33% of original contract amount

Construction Change Directives

Consultant Errors:	<u>\$0</u>	0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:	<u>\$0</u>	0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount

Total: \$18,668 4.33% of original contract amount

Change Order: A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

Construction Change Directive: A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

16. Nova Middle School

TOTAL: \$ 15,064

BUS/PARENT DRIVE

CHANGE ORDER NO. 04

PROJECT NO. 1311-99-51

Financial Impact: None

Consultant: Miller Legg & Associates, Incorporated

Contractor: M. Vila & Associates, Inc.

Owner Request:

\$ 0

Consultant Error:

\$ 15,064

Item No. - 008 Provide addition of 16" overall projection of covered walkway. Required by SREF code. (\$15,064)

Unforeseen:

\$ 0

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name:	Nova Middle School	Date:	07/15/03
Project Title:	Nova Schools Traffic Improvements	Project #:	1311-99-51

Contractor:	M. Vila & Associates Inc.		
Consultant:	Miller Legg		
Sub Consultants:	_____		
Mechanical:	_____		
Structural:	_____		
Electrical:	_____		
Plumbing:	_____		
Civil Engineer:	_____		
Landscape:	_____		

Original Contract Amount \$431,426

Change Order Items		
Consultant Errors:	<u>\$15,064</u>	3.49% of original contract amount
Owner Request:	<u>\$2,717</u>	0.63% of original contract amount
Unforeseen:	_____	0.00% of original contract amount
Subtotal:	<u>\$17,781</u>	4.12% of original contract amount

Construction Change Directives		
Consultant Errors:	_____	0.00% of original contract amount
Owner Request:	_____	0.00% of original contract amount
Unforeseen:	_____	0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount

Total: \$17,781 4.12% of original contract amount

Change Order: A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

Construction Change Directive: A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

17. Plantation High School

TOTAL: \$ 12,837

General Remodeling and Additions Phase 2

CHANGE ORDER NO. 04

PROJECT NO. 1451-94-02

Financial Impact: None

Consultant: PGAL

Contractor: Sessoms Construction Company, Incorporated

Owner Request:

\$ 0

Consultant Error:

\$ 12,837

Item No. - 026 Junction box at building #3 needs to be relocated. Junction box at building #3 is located where a new doorway is to be installed; therefore, it is required that this junction box be relocated, as it must remain functional to service other buildings on the campus. (\$4,135)

Item No. - 027 Steps in duct heater increased from 6 stages (20 kw each) to 12 stages 10 kw each). SBBC requested this adjustment of heater steps. (\$1,254)

Item No. - 028 Relocate existing rainwater leader to band classroom storage (room 322C). This item was not reflected in the plumbing construction documents; therefore the general contractor did not include this work in the bid price. (\$4,036)

Item No. - 029 Relocate existing rainwater leader within band classroom (room 322). This item was not reflected in the plumbing construction documents; therefore the general contractor did not include this work in the bid price. (\$3,412)

Unforeseen:

\$ 0

**The School Board of Broward County
Division of Facilities and Construction Management**

Change Order Summary

Facility Name: Plantation High School **Date:** 07/15/03

Project Title: General Renovations & Additions **Project #:** 1451-94-02

Contractor: Sessoms Construction Company, Inc
Consultant: Pierce, Goodwin, Alexander, Linville
Sub Consultants: _____
Mechanical: _____
Structural: _____
Electrical: _____
Plumbing: _____
Civil Engineer: _____
Landscape: _____

Original Contract Amount \$4,152,485

Change Order Items

Consultant Errors:	<u>\$71,163</u>	1.71% of original contract amount
Owner Request:	<u>\$1,226</u>	0.03% of original contract amount
Unforeseen:	<u>\$39,282</u>	0.95% of original contract amount
Subtotal:	<u>\$111,671</u>	2.69% of original contract amount

Construction Change Directives

Consultant Errors:	_____	0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:	_____	0.00% of original contract amount
Subtotal:	<u>\$0</u>	0.00% of original contract amount

Total: \$111,671 2.69% of original contract amount

Change Order: A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

Construction Change Directive: A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

18. Pompano Beach HS Institute of International Studies

TOTAL: \$ 117,980

Phased Replacement II of III

CHANGE ORDER NO. 10

PROJECT NO. 0181-99-51

Financial Impact: None

Consultant: Zyscovich, Inc.

Contractor: G.T. McDonald Enterprises, Inc.

Owner Request:

\$ 0

Consultant Error:

\$ 86,497

Item No. - 070 Provide labor and material to install two new site lighting poles at bus loop. Original documents required relocation of existing light fixture onsite, which was physically impossible due to the condition of the existing concrete light poles with concrete root ball connected. (\$18,738)

Item No. - 079 Provide labor and material to demolish existing plaza in front of building "C" and replace with new concrete plaza. Concrete sidewalk is to extend approximately 515 lineal feet along 6th Street. Required for safe ingress and egress of student traffic. (\$32,677)

Item No. - 082 Provide labor and material to replace a pair of installed flush doors with a pair of fully louvered doors in FPL vault room A-156, as per FPL requirements for vaults. Original door specification requested 2-hour rating for FPL vault doors. FPL requires fully louvered door, not fire-rated. (\$1,933)

Item No. - 084 Provide labor and material to install six (6) fire dampers to building "A", third floor, fire-rated walls and one supply duct. (\$4,292)

Item No. - 085 Provide labor and material to install stiffeners and wedge anchors at 11 beams installed as joist replacements, remove and replace existing wind bracing, repair existing truss, weld angles to existing truss and add stiffener plates, install sag rods, and repair WT brace on existing truss in building "B". (\$7,446)

Item No. - 087 Provide labor and material to raise existing sewer manhole cover and rim approximately 10" including corbel to be changed for taller one to accept more courses of brick. (\$2,041)

Item No. - 088 Provide labor and material to install five (5) 3" roof drains to run from buildings "A" and "B" to the nearest site storm drain connections. (\$15,593)

Item No. - 089 Provide labor and material to install 3M Firemaster duct wrap to one (1) gas line through the service corridor in building "A". (\$642)

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

18. Pompano Beach HS Institute of International Studies

Item No. - 090 Provide labor and material to install handicap ramps to the same elevation as building "E" entrance. Cut doors and reposition hardware so door swings are possible.
(\$3,135)

Unforeseen:

Grant 14 Days to Contract

\$ 31,483

Item No. - 080 This request is for an eight (8) day contract extension due to excessive rain in the month of May 2003, specifically the time frame of May 22 through May 28, 2003. The 30-year average rainfall, according to the National Weather Service, for Pompano Beach in the month of May is 5.73". The rainfall from May 22 through May 28, 2003, exceeded the monthly average by 7.13". (\$0)

Item No. - 081 Provide labor and material to replace existing corroded cast iron sewer line outside of building "B". This Phase I replacement will consist of 100 lineal feet of pipe. Phase II, if necessary, will be completed upon the demolition of the remaining phase of the project.
(\$2,439)

Item No. - 083 Continuing rental of multi-sectional modular trailers from June 28, 2003, through December 28, 2003, and three storage containers from June 10, 2003, through December 28, 2003, for temporary relocation of School Board personnel and equipment during renovation of buildings "C" and "D". Owner request to continue six months of modular trailer rental for School Board personnel and equipment during renovation buildings "C" and "D". (\$9,566)

Item No. - 091 Provide labor and material to install 240' of 2" underground chilled water piping and additional valve boxes east of building "B" and demolition of existing sidewalk at termination point of existing pipe. Reroute proposed chilled water piping and add additional valves are to allow subsequent piping that will not interfere with the existing administration building. The additional valves are to allow a continuation of chilled water piping without the need for a shut down when the next phase to the remaining buildings takes place and final connections are needed. (\$19,478)

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name:	Pompano Beach High School	Date:	07/23/03
Project Title:	Replacement School	Project #:	0181-99-51

Contractor:	G. T. McDonald Enterprises
Consultant:	Zyscovich, Inc.
Sub Consultants:	
Mechanical:	JLSD
Structural:	Donnell, Duquesne
Electrical:	JLSD
Plumbing:	JLSD
Civil Engineer:	Craven Thompson & Associates
Landscape:	Curtis Rogers Design Studio, Inc.

Original Contract Amount \$20,794,270

Change Order Items

Consultant Errors:	<u>\$201,302</u>	0.97% of original contract amount
Owner Request:	<u>\$188,220</u>	0.91% of original contract amount
Unforeseen:	<u>\$281,382</u>	1.35% of original contract amount
Subtotal:	<u>\$670,904</u>	3.23% of original contract amount

Construction Change Directives

Consultant Errors:		0.00% of original contract amount
Owner Request:	<u>\$95,318</u>	0.46% of original contract amount
Unforeseen:	<u>\$6,879</u>	0.03% of original contract amount
Subtotal:	<u>\$102,197</u>	0.49% of original contract amount

Total: \$773,101 3.72% of original contract amount

Change Order:

A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

Construction Change Directive:

A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

19. West Central Bus Complex

TOTAL: \$ 21,167

West Central Bus Complex

CHANGE ORDER NO. 09

PROJECT NO. 3341-95-01

Financial Impact: None

Consultant: ACAI Associates, Inc.

Contractor: Padula & Wadsworth Construction

Owner Request:

\$ 0

Consultant Error:

Grant 9 Days to Contract

\$ 5,120

Item No. - 044 Add two 5' x 5' concrete pads at the east and west sides of building #1. Contract documents as bid did not accurately depict the sidewalk condition on the east and west sides of building #1. (\$1,285)

Item No. - 045 Modify building #2 east stair to mezzanine to comply with code by adding one tread and one riser so landing matches elevation with landing on other side of wall so it can be treated as one single landing. Modify structural support of stairs to incorporate one-hour rated barrier with corridor underneath. The contract documents as bid did not show any detail on how to separate the stairs from the space underneath that is to be separated with a one-hour rated enclosure. Landings did not comply with code. (\$3,030)

Item No. - 046 Provide two (2) 10" x 10" class A U.L. type 1-1/2 hour rated fire dampers and access doors in rooms #212 and #213. The contract documents as bid did not indicate fire dampers were required by code. (\$805)

Unforeseen:

Grant 10 Days to Contract

\$ 16,047

Item No. - 043 Reroute Tel-Data conduit from West Central Annex. The existing telephone/data lines were installed approximately two years ago, but not indicated on the as-built drawings. These had to be relocated to install the new parking lot. (\$16,047)

**The School Board of Broward County
Division of Facilities and Construction Management**

Change Order Summary

Facility Name: West Central Bus Complex **Date:** 07/09/03

Project Title: New Admin. Maintenance and Refueling Bldgs. **Project #:** 3341-95-01

Contractor: Padula and Wadsworth
Consultant: ACAI and Associates, Inc.
Sub Consultants:
Mechanical:
Structural:
Electrical:
Plumbing:
Civil Engineer:
Landscape:

Original Contract Amount \$4,329,700

Change Order Items		
Consultant Errors:	<u>\$96,702</u>	2.23% of original contract amount
Owner Request:	<u>-\$5,458</u>	-0.13% of original contract amount
Unforeseen:	<u>\$148,574</u>	3.43% of original contract amount
Subtotal:	<u>\$239,818</u>	5.54% of original contract amount
Construction Change Directives		
Consultant Errors:	<u>\$10,545</u>	0.24% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:	<u>875</u>	0.02% of original contract amount
Subtotal:	<u>\$11,420</u>	0.26% of original contract amount
Total:	<u>\$251,238</u>	5.80% of original contract amount

Change Order: A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

Construction Change Directive: A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.

**The School Board of Broward County, Florida
Facilities and Construction Management**

SUMMARY OF CHANGE ORDERS

Meeting Date: 08/05/03

20. Westglades Middle (Parkland)

TOTAL: \$ 4,119

New School

CHANGE ORDER NO. 18

PROJECT NO. 3611-22-01

Financial Impact: None

Consultant: Spillis Candela & Partners, Inc. (DCP)

Contractor: Betancourt, Castellon Assoc., Inc.

Owner Request:

\$ 0

Consultant Error:

\$ 4,119

Item No. - 065 Install two sets of magnetic holders at each smoke door. The hardware schedule indicates providing one set of magnetic door holders (one per door). (\$2,641)

Item No. - 103 Provide emergency power to EMS in rooms 308, which controls HVAC, and 309, which controls lighting. After bid, power to the EMS system was modified to be supported by emergency power . (\$1,478)

Unforeseen:

\$ 0

The School Board of Broward County
Division of Facilities and Construction Management

Change Order Summary

Facility Name:	Westglades Middle School (LL)	Date:	07/18/03
Project Title:	New School	Project #:	3611-22-01

Contractor:	Betancourt-Castellon Associates, Inc
Consultant:	Spillis Candela & Partners
Sub Consultants:	Spillis Candela & Partners
Mechanical:	Spillis Candela & Partners
Structural:	Spillis Candela & Partners
Electrical:	Spillis Candela & Partners
Plumbing:	Spillis Candela & Partners
Civil Engineer:	Craven Thompson & Associates
Landscape:	Craven Thompson & Associates

Original Contract Amount

\$17,399,000

Change Order Items

Consultant Errors:	<u>\$468,745</u>	2.69% of original contract amount
Owner Request:	<u>\$175,597</u>	1.01% of original contract amount
Unforeseen:	<u>\$19,288</u>	0.11% of original contract amount
Subtotal:	<u>\$663,630</u>	3.81% of original contract amount
Construction Change Directives		
Consultant Errors:	<u>\$0</u>	0.00% of original contract amount
Owner Request:	<u>\$0</u>	0.00% of original contract amount
Unforeseen:	<u>\$1,866</u>	0.01% of original contract amount
Subtotal:	<u>\$1,866</u>	0.01% of original contract amount
Total:	<u>\$665,496</u> ✓	3.82% of original contract amount

Change Order:

A written order to the contractor signed by the Superintendent and approved by the School Board and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time as originally defined by the contract documents.

Construction Change Directive:

A written order to the contractor signed by the Superintendent and the architect, issued after the execution of the contract, authorizing a change in the work or an adjustment of the contract sum or the contract time as defined by the contract documents. This directive is utilized when the parties cannot mutually agree upon the change. After execution of the work or an agreement between the parties, the change directive is brought back to the School Board for their approval at the next available meeting.