

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

SUMMARY OF CHANGE ORDERS

Meeting Date: 06/04/02

EXHIBIT 1

**1. "LL" Middle School (Parkland)**

**TOTAL: \$ 41,648**

New Middle School

CHANGE ORDER NO. 02

PROJECT NO. 3611-22-01

Financial Impact: None

Consultant: Spillis Candela & Partners, Inc.

Contractor: Betancourt, Castellon Assoc., Inc.

**Owner Request:**

\$ 0

**Consultant Error:**

Grant 14 Days to Contract

\$ 36,627

Item No. - 011 Add TB7 at building. This was inadvertently omitted from original contract drawings. (\$4,783 )

Item No. - 015 Increase the window dimensions to provide the net free area for fresh air ventilation in accordance with the minimum specification requirements. All windows of the same style shall be of the same height, even in those rooms that do not have to comply with the above requirement. (\$9,429 )

Item No. - 019 Install smoke dampers in ductwork at corridor at various rooms. Install fire dampers in ductwork at various rooms. (\$4,034 )

Item No. - 020 Change method of drain connection at the science demonstration table sinks. The drain at the sinks shall tie in directly to the drain line below the floor in lieu of stopping the drain pipe above the floor drain. (\$2,391 )

Item No. - 025 Provide aluminum roof system in place of contract specified items in areas of wall mounted walkway covers at buildings 1 and 2, roof over stairs between buildings 1 and 2, (2) curved entry canopies inclusive of framework, attachments, and installation. Color to be clear anodized. (\$14,699 )

Item No. - 030 Provide 8" dryer vent including roof penetration and roof cap thus making a complete installation. Dryer vent inadvertently left off contract drawings. (\$1,291 )

**Unforeseen:**

Grant 6 Days to Contract

\$ 3,155

Item No. - 010 Addition of 2" thickness to roof slab over transformer vault per FPL requirements. (\$1,263 )

Item No. - 021 Add 6 days to contract time due to excessive rainfall as provided for in the contract documents. (\$0 )

Manager, Facilities Project: Bach, Paul

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**1. "LL" Middle School (Parkland)**

Item No. - 023 Provide 8' x 8' full louver door per FPL requirements at transformer room in place of door specified in contract documents. (\$1,892 )

**CHANGE ORDER DIRECTIVE**

**\$ 1,866**

**Unforeseen:**

**\$ 1,866**

Item No. - 017 Add insulation at building no. 4 roof except over FPL vault (due to unforeseen FPL requirements occurring after job was commenced, concrete roof had to be increased 2" in the area of the transformer vault). Adding 2" insulation to the rest of the roof was the least costly way to level the roof back out and insure that the integrity and functionality of the roof system would be maintained. (\$1,866 )

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

**Change Order Summary**

**Facility Name:** Middle School "LL" **Date:** 10/19/01

**Project Title:** New School **Project #:** 3611-22-01

**Contractor:** Betancour-Castellon Associates, Inc.  
**Consultant:** Spills Candela & Partners  
**Sub Consultants:** Spills Candela & Partners  
**Mechanical:** Spills Candela & Partners  
**Structural:** Spills Candela & Partners  
**Electrical:** Spills Candela & Partners  
**Plumbing:** Spills Candela & Partners  
**Civil Engineer:** Craven Thompson & Associates  
**Landscape:** Craven Thompson & Associates

**Original Contract Amount**

\$17,339,000

**Change Order Items**

<b>Consultant Errors:</b>	<u>\$36,627</u>	0.21% of original contract amount
<b>Owner Request:</b>	<u>\$26,963</u>	0.16% of original contract amount
<b>Unforeseen:</b>	<u>\$5,494</u>	0.03% of original contract amount
<b>Subtotal:</b>	<u>\$69,084</u>	0.40% of original contract amount

**Construction Change Directives**

<b>Consultant Errors:</b>		0.00% of original contract amount
<b>Owner Request:</b>	<u>\$0</u>	0.00% of original contract amount
<b>Unforeseen:</b>	<u>1866</u>	0.01% of original contract amount
<b>Subtotal:</b>	<u>\$1,866</u>	0.01% of original contract amount

**Total:** \$70,950 0.41% 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: 06/04/02

**2. 'X' Elementary Replacement ()**

**TOTAL: \$ 382,480**

New School

**CHANGE ORDER NO. 01**

PROJECT NO. 3761-99-01

Financial Impact: None

Consultant: Zyscovich, Inc.

Contractor: Danville-Findorff

**Owner Request:**

Grant 45 Days to Contract

**\$ 382,480**

Item No. - 011 Provide new turning lanes and approach from State Road 84 (US 441) to school. (\$382,480 )

**Consultant Error:**

\$ 0

**Unforeseen:**

\$ 0

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

**Change Order Summary**

<b>Facility Name:</b>	ELEMENTARY SCHOOL "X"	<b>Date:</b>	MAY 10,2002
<b>Project Title:</b>	ELEMENTARY SCHOOL "X"	<b>Project #:</b>	3761-99-01

<b>Contractor:</b>	DANVILLE & FINDORFF INC.
<b>Consultant:</b>	ZYSCOVICH INC.
<b>Sub Consultants:</b>	N/A
<b>Mechanical:</b>	N/A
<b>Structural:</b>	N/A
<b>Electrical:</b>	N/A
<b>Plumbing:</b>	N/A
<b>Civil Engineer:</b>	N/A
<b>Landscape:</b>	N/A

**Original Contract  
Amount**

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**Change Order Items**

<b>Consultant Errors:</b>	_____	#VALUE! of original contract amount
<b>Owner Request:</b>	_____	#VALUE! of original contract amount
<b>Unforeseen:</b>	_____	#VALUE! of original contract amount
<b>Subtotal:</b>	<u>          \$0</u>	#VALUE! of original contract amount

**Construction Change  
Directives**

<b>Consultant Errors:</b>	_____	#VALUE! of original contract amount
<b>Owner Request:</b>	<u>      \$382,480</u>	#VALUE! of original contract amount
<b>Unforeseen:</b>	_____	#VALUE! of original contract amount
<b>Subtotal:</b>	<u>      \$382,480</u>	#VALUE! of original contract amount

**Total:**                                 \$382,480                           #VALUE! 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:**

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

Meeting Date: 06/04/02

**3. Broward Estates Elementary School**

**TOTAL:      \$ 22,702**

Class Size/Steel Modular

**CHANGE ORDER NO. 02**

PROJECT NO. 0501-21-01

Financial Impact: None

Consultant: ACAI Associates, Inc.

Contractor: Decon Environmental & Eng.

**Owner Request:**

Grant 10 Days to Contract

\$ 18,152

Item No. - 005 Add one storage closet and one tackboard per classroom. (\$18,152 )

**Consultant Error:**

\$ 0

**Unforeseen:**

Grant 5 Days to Contract

\$ 4,550

Item No. - 004 Relocation of existing water line. Unknown water line discovered under new building was relocated. (\$4,550 )

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

**Change Order Summary**

**Facility Name:** Broward Estates Elementary      **Date:** 05/13/02

**Project Title:** 8 Classroom Modular Addition      **Project #:** 0501-21-01

**Contractor:** DECON Environmental & Engineering, Inc.  
**Consultant:** Spillis Candela & Partners, Inc.  
**Sub Consultants:** ACAI Associates, Inc.  
**Mechanical:** Delta G Consulting Engineers  
**Structural:** Tom Kelaher, P.E.  
**Electrical:** Delta G Consulting Engineers  
**Plumbing:** Delta G Consulting Engineers  
**Civil Engineer:** Craven Thompson Associates, Inc.  
**Landscape:** Craven Thompson Associates, Inc.

**Original Contract Amount** \$777,250

**Change Order Items**

<b>Consultant Errors:</b>		0.00% of original contract amount
<b>Owner Request:</b>	<u>\$18,152</u>	2.34% of original contract amount
<b>Unforeseen:</b>	<u>\$4,550</u>	0.59% of original contract amount
<b>Subtotal:</b>	<u>\$22,702</u>	2.92% of original contract amount

**Construction Change Directives**

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

**Total:** \$22,702      2.92% 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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**SUMMARY OF CHANGE ORDERS**

Meeting Date: 06/04/02

**4. Norcrest Elementary School**

**TOTAL:**      **\$ 154,983**

Phased Replacement      Phase II Master Plan

**CHANGE ORDER NO. 05**      PROJECT NO. 0561-94-02

Financial Impact: None

Consultant: RHA Chartered

Contractor: Padula & Wadsworth Construction

**Owner Request:**

Grant 56 Days to Contract

**\$ 137,927**

Item No. - 039 Provide a paved bus loop from N.E. 17th Avenue to N.E. 40th Court with a sliding gate at the entry and exit area. Provide a covered bus shelter within the bus loop. In addition, provide a new covered walkway from the bus loop to the intersection of the East and West wing of the new school facility. Electrical lighting to be provided for the bus shelter and connecting covered walkway. (\$137,927 )

**Consultant Error:**

Grant 71 Days to Contract

**\$ 17,056**

Item No. - 040 Provide a sump pit area in the existing elevator pit. Provide an aluminum plain surface grate cover over sump pit area. Provide a frame for grate support. (\$857 )

Item No. - 041 Provide a siamese fire department connection after the fire hydrant and before the tee to the building. Section of revised water and sewer plan showing siamese connection location previously provided for clarification. (\$5,051 )

Item No. - 042 Provide the sinks with bubblers to be set at 26" to 30" maximum to bubbler. This will conform with SREF 1997 in lieu of SREF 1994. (\$9,602 )

Item No. - 043 Provide wireguard light covers for the strip light fixtures in various locations per UBCI request. (\$1,546 )

**Unforeseen:**

**\$ 0**



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

**Change Order Summary**

<b>Facility Name:</b>	Norcrest Elementary	<b>Date:</b>	05/02/02
<b>Project Title:</b>	Classroom Addition	<b>Project #:</b>	0561-94-02

<b>Contractor:</b>	Padula and Wadsworth Construction, Inc.
<b>Consultant:</b>	RHA Chartered, Architects
<b>Sub Consultants:</b>	
<b>Mechanical:</b>	RHA Chartered, Architects
<b>Structural:</b>	RHA Chartered, Architects
<b>Electrical:</b>	RHA Chartered, Architects
<b>Plumbing:</b>	RHA Chartered, Architects
<b>Civil Engineer:</b>	Holland Engineering, Inc.
<b>Landscape:</b>	LACC, Inc.

**Original Contract Amount**

**\$4,669,000**

**Change Order Items**

<b>Consultant Errors:</b>	<u>\$128,085</u>	2.74% of original contract amount
<b>Owner Request:</b>	<u>\$208,321</u>	4.46% of original contract amount
<b>Unforeseen:</b>	<u>\$7,064</u>	0.15% of original contract amount
<b>Subtotal:</b>	<u>\$343,470</u>	7.36% of original contract amount

**Construction Change Directives**

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

<b>Total:</b>	<u>\$343,470</u>	7.36% of original contract amount
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