

THIS IS A DECISION PAPER

TO: HARDIN COUNTY BOARD OF EDUCATION

FROM: NANNETTE JOHNSTON, SUPERINTENDENT

DATE: JUNE 17, 2010

SUBJECT: APPROVAL OF CHANGE ORDER #3 RADCLIFF ELEMENTARY

ISSUE: The Board needs to approve change order #3, Radcliff Elementary

FACTS

Change Order #3 includes the following changes and costs:

\$ Add/Deduct

- | | | |
|----|---|------------|
| 1. | (COR 10 / PR 007) Add 4" CMU pilasters at restrooms 180 and 183 in order to conceal the existing steel column, which was not located on the original construction documents.
<i>Add of \$1,940.00 (0 days) – Found</i> | \$1,940.00 |
| 2. | (COR 11 / RFI 18) Modify the existing floor support at beam 1B8 due to found conditions contradictory to original construction documents.
<i>Add of \$2,401.00 (0 days) – Found</i> | \$2,401.00 |
| 3. | (COR 12 / RFI 16) Revise steel framing at second floor, column line "4" between column lines "B" and "D" per RFI #16 response.
<i>Add of \$1,202.00 (0 days) – Found</i> | \$1,202.00 |
| 4. | (COR 3) Remove entire sunken slab-on-grade in existing Book Store. Undercut existing footings 6" and replace with engineered fill, pin slab-on-grade to existing foundation walls, and replace slab and under fill.
<i>Add of \$907.00 (0 days) – Found</i> | \$907.00 |
| 5. | (PR 005) Shift the VRF condensing units approximately 5 feet in order to avoid close proximity to the existing gas meter and transformer and the adjacent exterior classroom window.
<i>No Cost (0 days) – Found</i> | No Cost |
| 6. | (COR 14) Provide concrete infill at existing large restrooms 142, 205, and 211 where thick-set ceramic floor tile was removed. New thin-set ceramic floor tile will be installed in all restrooms this phase.
<i>Add of \$2,801.00 (0 days) – Found</i> | \$2,801.00 |
| 7. | Deduct for difference in amount approved by school board for Change Order No. 2 (\$304,907.00) per information given on May 13 and the final price submitted by Morel Construction on May 18, 2010 (\$303,969.00).
<i>Deduct of \$938.00 (0 days) – Contractor</i> | (\$938.00) |

Total add to the contract: \$8,313.00

(See attached documentation)

RECOMMENDATION

I RECOMMEND THE HARDIN COUNTY BOARD OF EDUCATION APPROVE CHANGE ORDER #3 FOR THE RADCLIFF ELEMENTARY RENOVATION PROJECT FOR THE TOTAL AMOUNT OF \$8,313.00.

RECOMMENDED MOTION

I MOVE THE HARDIN COUNTY BOARD OF EDUCATION APPROVE CHANGE ORDER #3 FOR THE RADCLIFF ELEMENTARY RENOVATION PROJECT FOR THE TOTAL AMOUNT OF \$8,313.00.

DRAFT AIA Document G701™ - 2001

Change Order

PROJECT (Name and address):
Renovation to Radcliff Middle School -
Phase I
1145 S. Dixie Boulevard
Radcliff, Kentucky 40160

CHANGE ORDER NUMBER: 003

DATE: June 08, 2010

TO CONTRACTOR (Name and address):
Morel Construction Co., Inc.
627 West Main Street
Louisville, Kentucky 40202

ARCHITECT'S PROJECT NUMBER: 0935

CONTRACT DATE: January 22, 2010

CONTRACT FOR: General Construction

OWNER: ☒

ARCHITECT: ☒

CONTRACTOR: ☒

FIELD: ☐

KENTUCKY DEPARTMENT OF
EDUCATION: ☒

THE CONTRACT IS CHANGED AS FOLLOWS:

(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

Changes to the work as shown on the attached Itemization of Change Order #3 and supporting documentation, for a total add to the contract of \$8,313.00.

The original Contract Sum was

The net change by previously authorized Change Orders

The Contract Sum prior to this Change Order was

The Contract Sum will be increased by this Change Order in the amount of

The new Contract Sum including this Change Order will be

The Contract Time will be unchanged by Zero (0) days.

The date of Substantial Completion as of the date of this Change Order therefore is July 1, 2010 (Areas 1 and 2); September 10, 2010 (Area 3).

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Sherman Carter Barnhart Architects

ARCHITECT (Firm name)

100 Mallard Creek Road, Suite 151,
Louisville, Kentucky 40207

ADDRESS

Morel Construction Co., Inc.

CONTRACTOR (Firm name)

627 West Main Street, Louisville,
Kentucky 40202

ADDRESS

Hardin County Schools

OWNER (Firm name)

65 W.A. Jenkins Road, Elizabethtown,
Kentucky 42701

ADDRESS

BY (Signature)

Philip C. Gayhart AIA

(Typed name)

DATE

BY (Signature)

Richard A. Clauson

(Typed name)

DATE

BY (Signature)

Nannette Johnston

(Typed name)

DATE



627 West Main Street
Louisville, KY 40202
502-568-6200 Fax 502-568-6234

REQUEST FOR CHANGE ORDER

MOREL CONSTRUCTION CO., LLC

SHERMAN CARTER BARNHART
100 Mallard Creek Rd., Suite 151
Louisville, KY 40207-5133

Attn: Ms. Myra Vaughn

Request No. 10
X-No. 11
Project Renovation to Radcliff Middle School
Project No. 10-02

We hereby request your formal Change Order to our contract for the following changes in the Scope of Work.

Add 4" CMU pilasters at Restrooms 180 and 183 per Proposal Request Number 007

Masonry

RECEIVED

\$1,687.00

APR 30 2010

Sherman/Carter/Barnhart
Architects PSC

Subtotal

\$1,687.00

15% Overhead and Profit

\$253.00

Total ADDITIONAL amount of this Request for Change Order

\$1,940.00

This Request is Valid for 10 Days
A Time Extension of 0 Days is Included in this Request

- A. We are proceeding with this work as per verbal authorization of _____
- B. We have completed this work as per verbal authorization of _____
- C. We will proceed with this work only upon receipt of this signed authorization or formal Change Order. _____

SIGNED: _____

DATE: _____

MOREL CONSTRUCTION CO., LLC

1. ORIGINAL - Architect
2. COPY - Owner/Architect File
3. COPY - X File

By: Richard A. Clauson
Richard A. Clauson - Vice President

April 28, 2010
Date

Commercial

Brick Block

Industrial

BAILEY'S MASONRY, INC. COPY

Since 1980

**CHANGE ORDER REQUEST**

Customer			
Name	Morel Construction Co.		
Address	627 West Main Street		
City	Louisville	State	Ky Zip 40202
Phone	502-568-8200	Fax	502-568-8234

Date	4/28/2010
Change Order No.	003
Project	Redcliff Middle School
Contract Number	10-02-17

Qty	Description	Unit Price	Total
1	<p>Per Architect's Supplemental Instruction Drawing PR7.1. Provide all material and labor required to perform the following:</p> <p>Lay (2) pilasters of 4" CMU at restrooms 180 and 183. Approx. 180 CMU.</p>	\$1,687.00	\$1,687.00
Signature <i>Sam Smallwood</i>			
TOTAL			\$1,687.00

240 West Dixie Avenue, Suite 200
 Elizabethtown, Ky., 42701

Phone: (270) 765-0969
 Fax: (270) 765-0976

AIA Document G709™ - 2001

COPY

Work Changes Proposal Request

PROJECT (Name and address):
Renovation to Radcliff Middle
School - Phase 1
1925 S. Dixie Boulevard
Radcliff, Kentucky 40160

OWNER (Name and address):
Bardonia County Schools
65 W. A. Jenkins Road
Elizabethtown, Kentucky 40120

FROM ARCHITECT (Name and address):
Shuman Carter Barnhart Architects
100 Mallard Creek Road, Suite 151
Covington, Kentucky 40020

TO CONTRACTOR (Name and address):
More Construction Co., Inc.
127 West Main Street
Elizabethtown, Kentucky 40122

PROPOSAL REQUEST NUMBER: 007

DATE OF ISSUANCE: April 23, 2010

CONTRACT FOR: General Construction

CONTRACT DATE: January 22, 2010

ARCHITECT'S PROJECT NUMBER: 0935

OWNER: ☒

ARCHITECT: ☒

CONSULTANT: ☐

CONTRACTOR: ☒

FIELD: ☐

OTHER: ☐

Please submit an itemized proposal for changes in the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. Within Seven (7) days, the Contractor must submit this proposal or notify the Architect in writing, of the date on which proposal submission is anticipated.

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

DESCRIPTION (Insert a written description of the Work):

Provide a cost proposal for two (2) 4" CMU pilasters at Boy's Restroom #180 and Girl's Restroom #183 per the attached drawing. This change is in response to RFI #19. The change is a result of a found condition and is meant to correct an existing structural steel column.

ATTACHMENTS (List attached documents that support description):

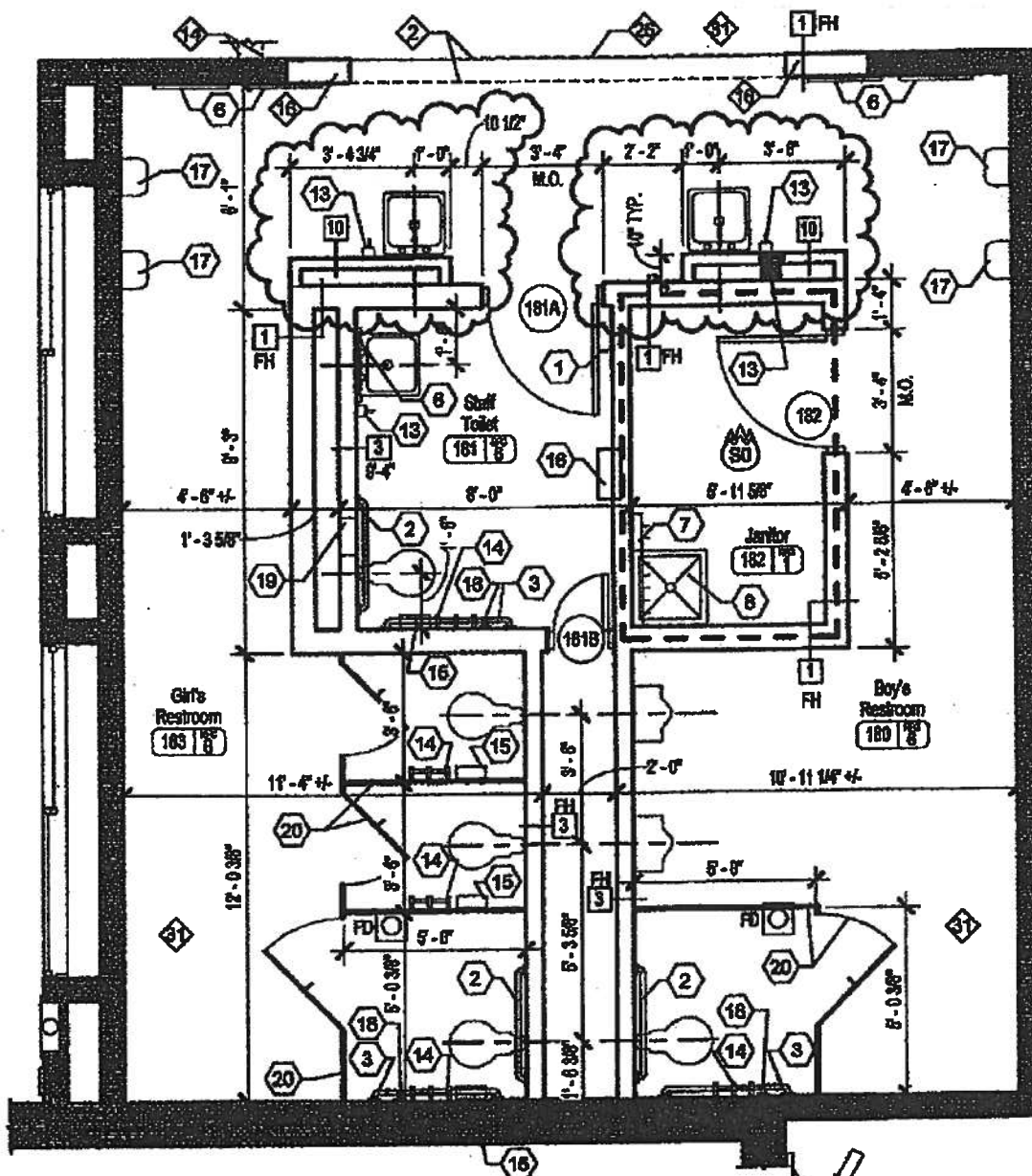
Drawing PR7.1 "Enlarged Restroom Plan"

REQUESTED BY THE ARCHITECT:

(Signature)

Adam Green, Production Manager

(Printed name and title)



A ENLARGED RESTROOM PLAN
 $1/4" = 1'-0"$

REFER TO ENLARGED RESTROOM PLAN "A", SHEET
 A2.2 IN THE ORIGINAL CONTRACT DOCUMENTS.

ENLARGED RESTROOM PLAN - PROPOSAL REQUEST #7 - DRAWING PR7.1

Shoman Carter Barnhart P.E.
 ARCHITECTURE • INTERIORS • LANDSCAPE ARCHITECTURE • CIVIL ENGINEERING
 100 HALL CREEK RD - SUITE 101 - LOUISVILLE, KY 40258-4323 • PHONE: 502.731.8788 • FAX: 502.731.8711

DATE: 4.23.10 PROJECT NO.: 0935
 DRAWN: ADAM GREEN
 PROJECT NAME: RENOVATION TO RADCLIFF MIDDLE SCHOOL - PHASE ONE
 PROJECT LOCATION: RADCLIFF, KENTUCKY



627 West Main Street
Louisville, KY 40202
502-568-6200 Fax 502-568-6234

ITEM #2

REQUEST FOR CHANGE ORDER

MOREL CONSTRUCTION CO., LLC

SHERMAN CARTER BARNHART
100 Mallard Creek Rd., Suite 151
Louisville, KY 40207-5133

Attn: Ms. Myra Vaughn

Request No. 11

X-No. 12

Project Renovation to Radcliff Middle School

Project No. 10-02

We hereby request your formal Change Order to our contract for the following changes in the Scope of Work.

Modify the floor support at Beam 1B8 per response to RFI #18

Structural Steel

RECEIVED

\$2,088.00

APR 30 2010

Sherman/Carter/Barnhart
Architects PSC

Subtotal \$2,088.00

15% Overhead and Profit \$313.00

Total ADDITIONAL amount of this Request for Change Order \$2,401.00

This Request is Valid for 5 Days

A Time Extension of 0 Days is Included in this Request

- A. We are proceeding with this work as per verbal authorization of _____
- B. We have completed this work as per verbal authorization of _____
- C. We will proceed with this work only upon receipt of this signed authorization or formal Change Order. _____

SIGNED: _____

DATE: _____

MOREL CONSTRUCTION CO., LLC

1. ORIGINAL - Architect
2. COPY - Owner/Architect File
3. COPY - X File

By: Richard A. Clauson
Richard A. Clauson - Vice President

April 28, 2010
Date



COPY

MOREL CONSTRUCTION CO., INC.

REQUEST FOR INFORMATION

Renovation to Radcliff Middle School

Submitted to:

Sherman Carter Barnhart

Myra Vaughn

Brian Ashley

Submitted by:

Morel Construction

Tim Metts

FAX: (502) 721-6111

FAX: (270) 351-2271

Request No.: 18

Sub. RFI No.:

na

Date: 4-16-10

Respond By: ASAP

REQUEST:

Reference Sheet S1.1 The (W16x36) 1B8 scheduled to support the new 8" CMU wall on the first floor conflicts with three existing feeder conduits and one 3" gas line scheduled to remain. Would it be possible to support the new wall by adding angle to existing bar joist similar to detail 5/S5.2 ? Currently the new 8" wall is scheduled to be full height, an additional consideration may be to stop the wall at 10'-0" AFF to decrease the load below.

RESPONSE:

SEE ATTACHED PROPOSED FIX

Response By:

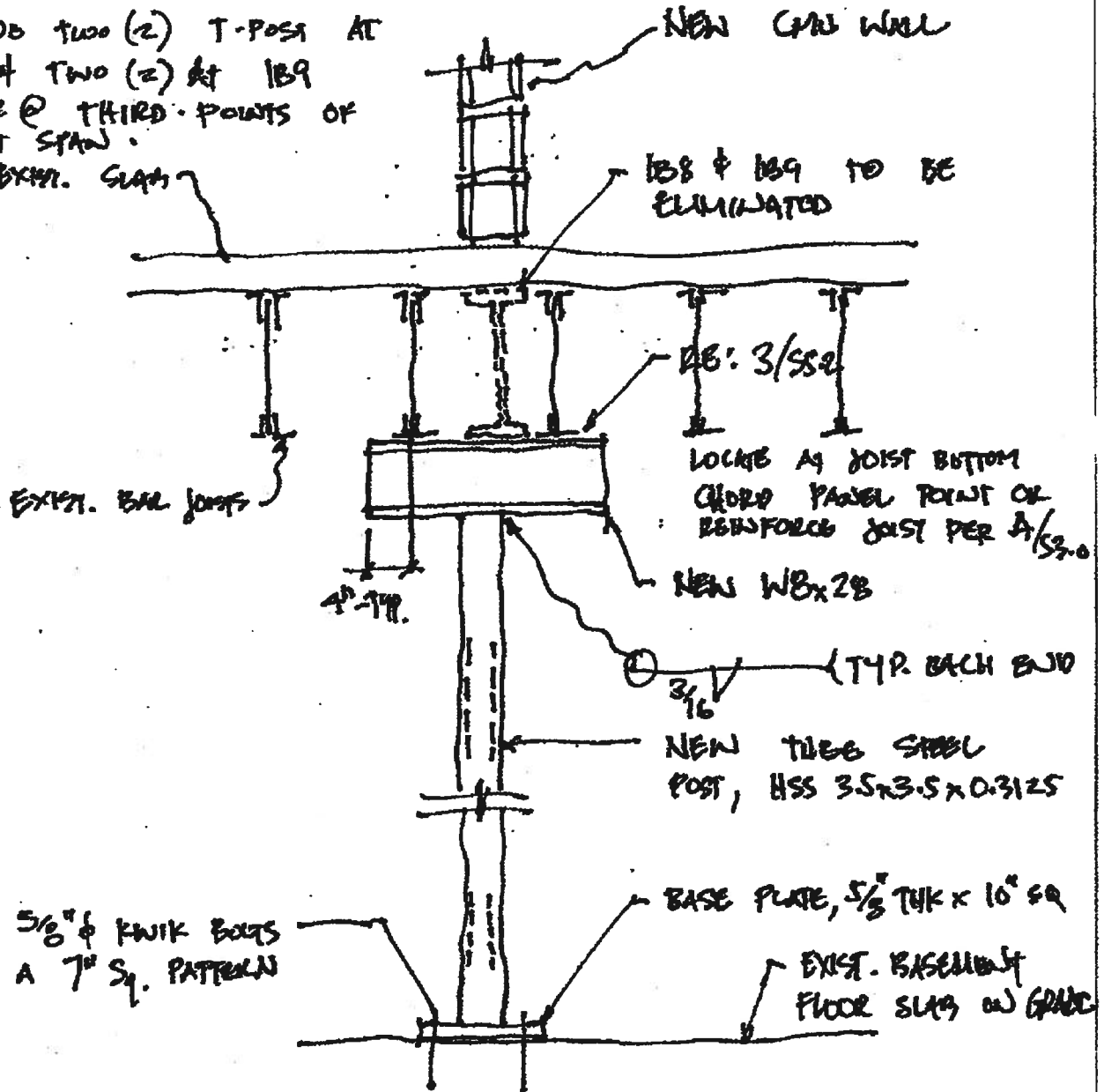
Date: 04/23/2016

627 WEST MAIN STREET
LOUISVILLE, KENTUCKY 40202
502-568-6200 FAX: 502-568-6234

2801 ALEXANDRIA PIKE
HIGHLAND HEIGHTS, KENTUCKY 41076
859-442-7100 FAX: 859-442-8175

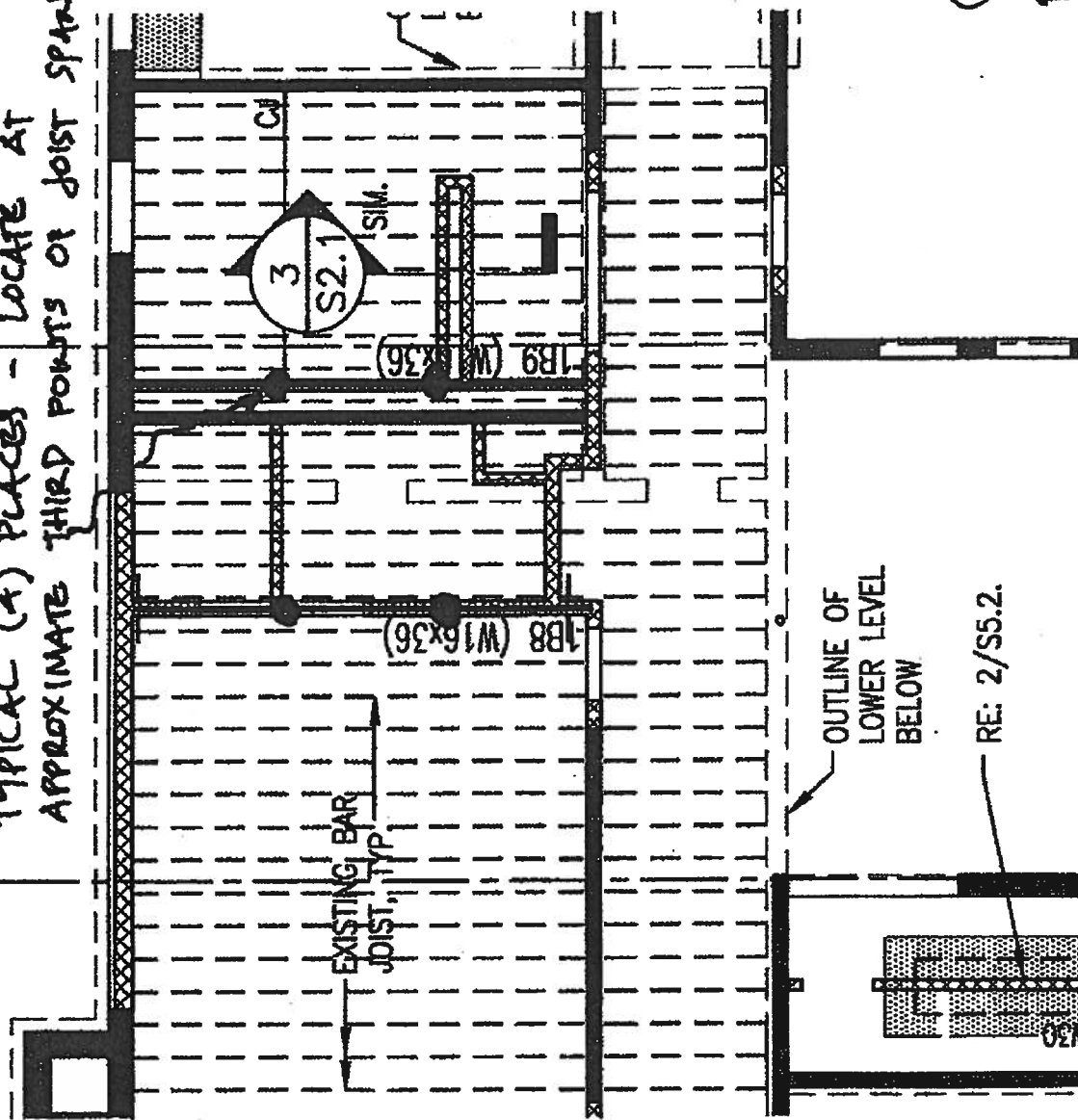
BY: _____ DATE: _____ SUBJECT: RADLIFF ELEMENTARY SHEET NO: _____ OF: _____
CHKD BY: _____ DATE: _____ RFI No. 18 JOB NO: 0935

PROVIDE TWO (2) T-POST AT
1B8 & TWO (2) AT 1B9
LOCATE @ THIRD POINTS OF
JOIST SPAN.
EXIST. SLAB



NEW T-POST IN BASEMENT

NEW 'T'-POST TO REPLACE
 BEAMS 1B8 & 1B9 - SEE SKETCH
 TYPICAL (4) PLACES - LOCATE AT
 APPROXIMATE THIRD POINTS OF JOIST SPANS



0935
 RFI No 18



6600 Artisan Way
Louisville, Kentucky 40228
(502) 964-0296
Fax: (502) 968-4355

METAL
FABRICATORS
&
ERECTORS

April 28, 2010

To: Morel Construction

Attn: Tim Metts & Rick Clausen

Re: Radcliff Middle School RFI # 18
Revised

Please issue a change order to the above referenced project for the following:

Furnish and install modified floor support per the sketch attached to RFI #18

Add \$ 3,388.00

Credits for deleted beams:

1B9 is included in my request for change dated 4/12/10. It is \$ 1,000.00

1B8 had to be modified into a two-piece beam with a splice connection. It was built and is on site. Partial credit for installation - Deduct \$ 300.00

Adds	\$ 3,388.00
Deducts	\$ 300.00

Total of this change order Add \$ 3,088.00

(1,000.00)
2,088.00

Thank you.

A handwritten signature in black ink, appearing to read "Michael E. Burress".
Michael E. Burress



REQUEST FOR CHANGE ORDER

Sherman Carter Barnhart
100 Mallard Creek Rd., Ste. 151
Louisville, KY 40207

Request No. 12

X-No. 13

Project **Renovation to Radcliff Middle School**

Project No. 10-02

We hereby request your formal Change Order to our contract for the following changes in the Scope of Work.

Revise steel framing at 2nd Floor, Column Line 4 between Lines B&D per RFI #16 response

RECEIVED

Structural Steel

MAY 03 2010

\$1,045.00

**Sherman/Carter/Bamhart
Architects PSC**

Subtotal	\$1,045.00
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Markup @ 15%

\$157.00

Total ADDITIONAL amount of this Request for Change Order	\$1,202.00
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~~This Request is Valid for~~ _____ Days
A Time Extension of 0 Days is Included in this Request

A. We are proceeding with this work as per verbal authorization of _____ The Structural Engineer

B. We have completed this work as per verbal authorization of _____

C. We will proceed with this work only upon receipt of this signed authorization, or formal Change Order.

SIGNED: _____ **DATE:** _____

MOREL CONSTRUCTION CO., LLC

1. ORIGINAL - Architect
2. COPY - Owner/Architect File
3. COPY - X File

By: Richard J. Chen April 29, 2010
Date



COPY

MOREL CONSTRUCTION CO., INC.

REQUEST FOR INFORMATION

Renovation to Radcliff Middle School

Submitted to:

Sherman Carter Barnhart
Myra Vaughn
Brian Ashley

Submitted by:

Artisan Industrial Metals
Dennis Brothers

FAX: (502) 721-8111

FAX: (270) 351-2271

Request No.: 16

Sub. RFI No.: 2

Date: 4-1-10

Respond By: ASAP

REQUEST:

Reference Sheet S.13 2nd floor framing plan column line 4 between B&D. The existing beam shown does not exist. Please advise how we are to proceed.

Detail 9/S5.1 The existing concrete beam at the roof line has a 3'-4" void filled with conc. Brick supporting existing joist. The wall below is to be removed. Please provide detail for supporting these joist

Sheet S1.3 indicates post P2 Ref: detail F/S3.1 near column line B & 4. Should this post be located between 2nd floor and roof line? If so what is to support the post?

* See attached sketch for existing conditions and proposed connections.

RESPONSE:

SEE ATTACHED SKETCHES

Response By:

Date:

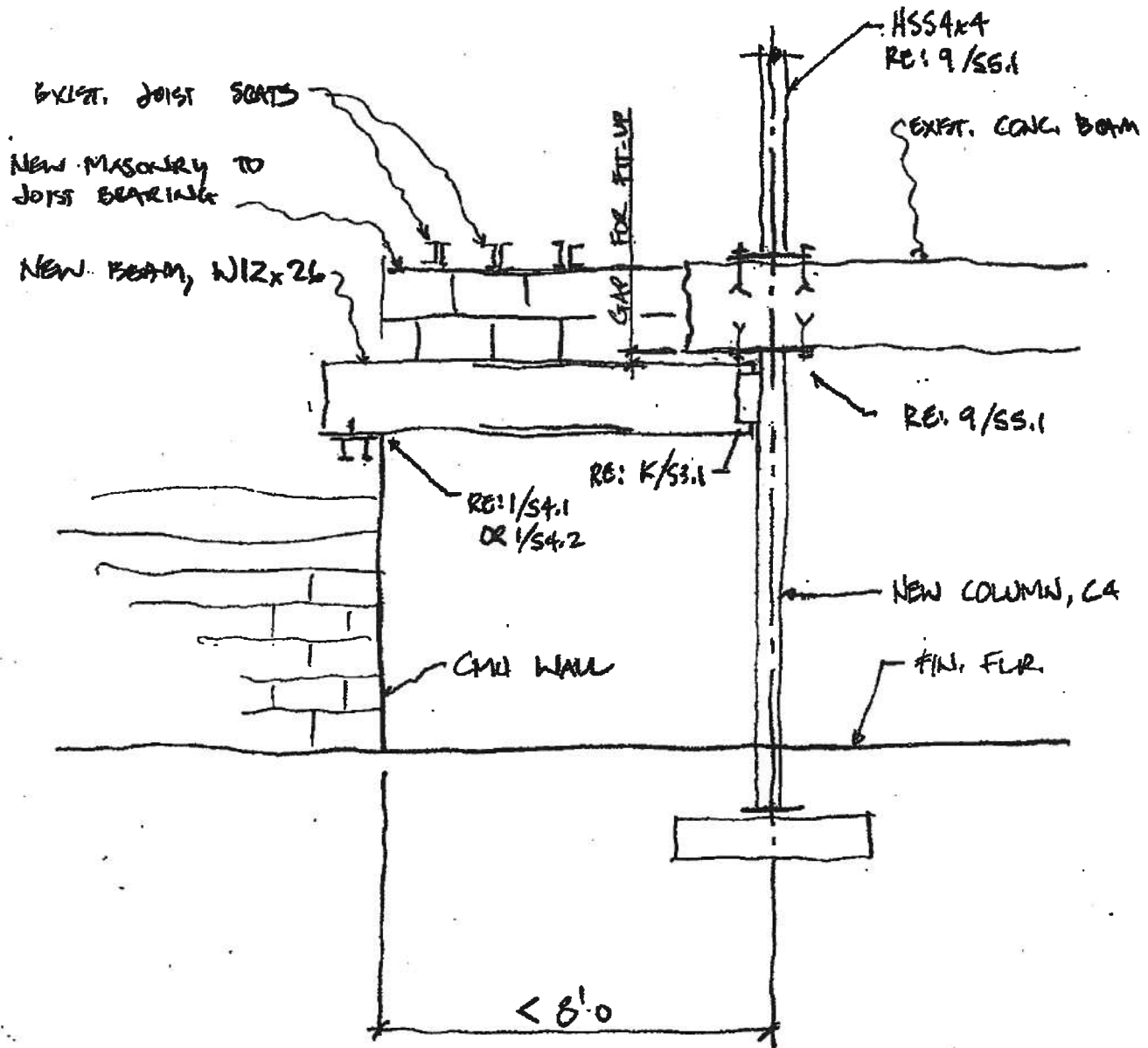
04/20/2010

627 WEST MAIN STREET
LOUISVILLE, KENTUCKY 40202
502-568-6200 FAX: 502-568-6234

2801 ALEXANDRIA PIKE
HIGHLAND HEIGHTS, KENTUCKY 41076
859-442-7100 FAX: 859-442-8175

BY: WEL DATE: 4/20/2010 SUBJECT: RADCLIFF KRM. SHEET NO: 1 OF: 2
CHKD BY: _____ DATE: _____ MISSING CONCRETE JOB NO: 0284
BEAM @ NEW WALL
OPENING

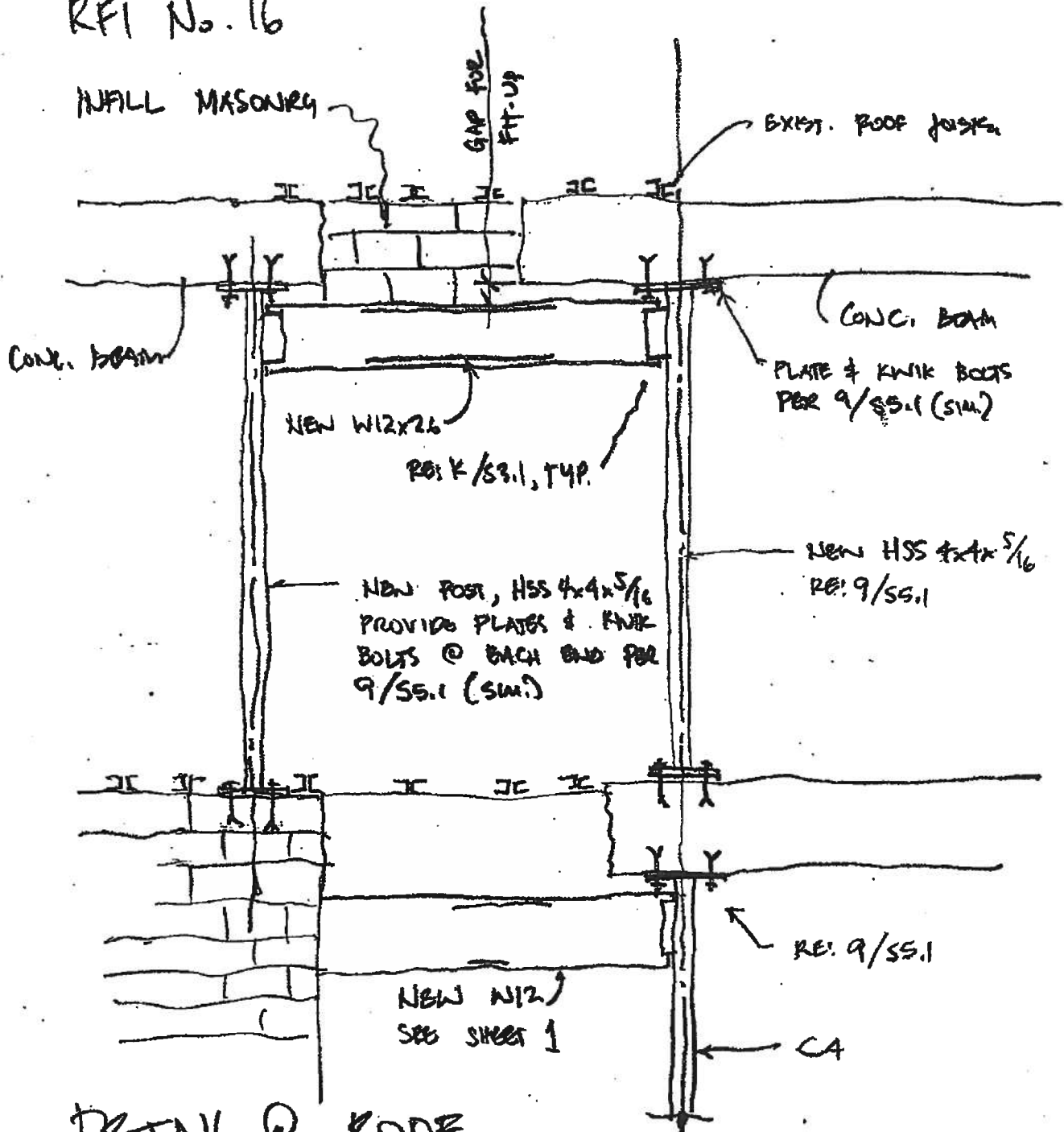
RFI No. 16



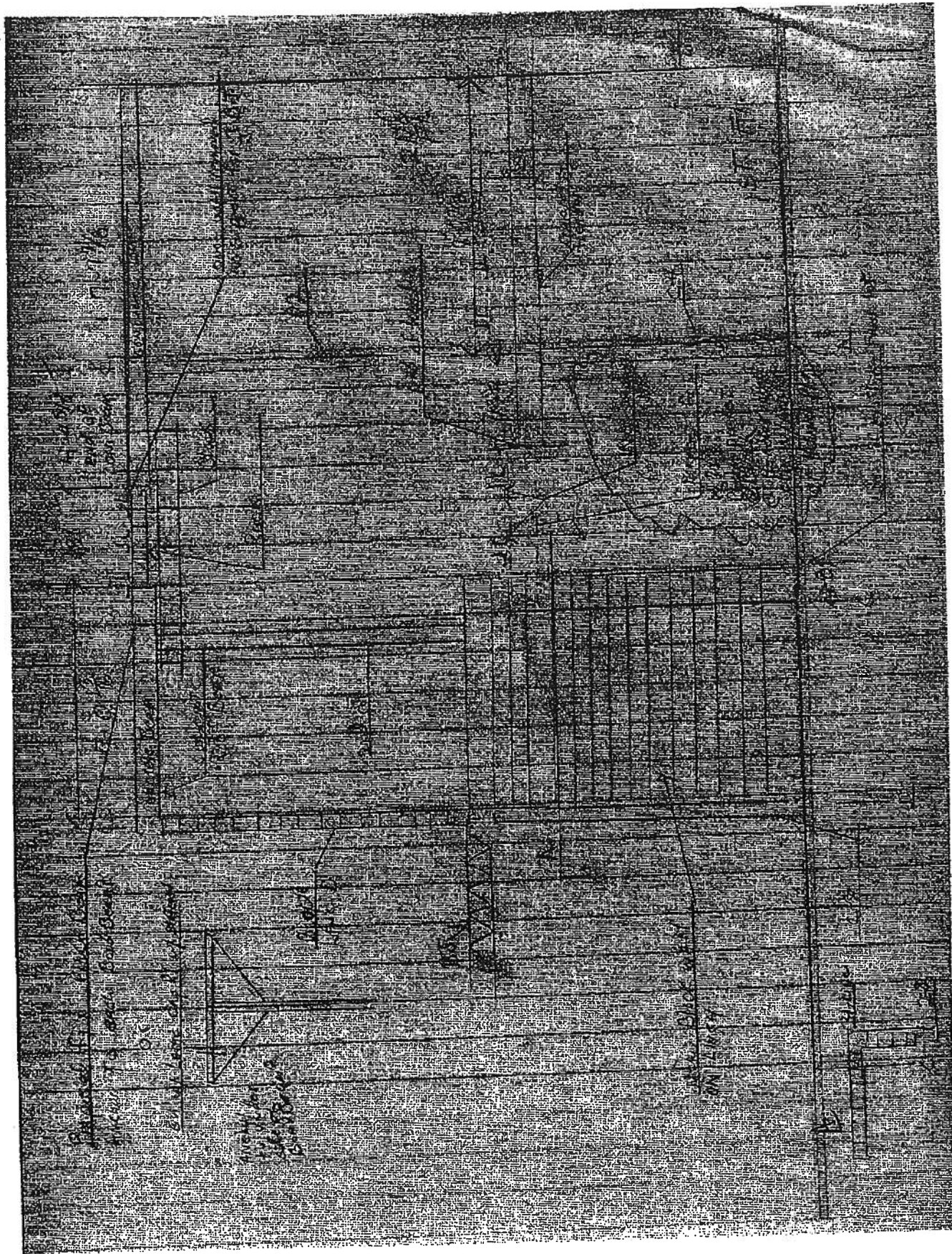
DETAIL @ 2nd FLOOR

BY: _____ DATE: _____ SUBJECT: RADCLIFF KLM. SHEET NO: 2 OF: 2
CHKD BY: _____ DATE: _____ MISSING CONCRETE JOB NO: _____
BEAM @ NEW WALL
OPENING

RFI No. 16



DETAIL @ ROOF



ARTISAN
INDUSTRIAL
METALS

6800 Artisan Way
Louisville, Kentucky 40228
(502) 884-0285
Fax (502) 888-4355

COPY METAL
FABRICATORS
&
ERECTORS

April 21, 2010

To: Morel Construction Co., LLC.
627 West Main Street
Louisville, KY. 40202

Attn: Rick Clanson

Re: Radcliff Middle School
RFI #16

Please issue a change order to the above referenced project for RFI # 16 for the following:

- 1.) Fab and Install two W12 x 26 beams at Approximately 10' each
- 2.) Field weld three connection plates to previously installed columns.

Total Add \$ 1,045.00

Thank you,


Michael B. Burruss



REQUEST FOR CHANGE ORDER:

1997-1998 10. 11. 1998

Request No. 3

X-No. 3

Project	Renovation to Radcliff Middle School
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Project No. 10-02

We hereby request your formal Change Order to our contract for the following changes in the Scope of Work:

Demo Slab	\$414.00
Hand Excavate Footing	\$90.00
Place Engineered Fill at Footings	\$70.00
	\$574.00

15% Overhead and Profit	\$86.00
-------------------------	---------

RECEIVED

APR 23 2010

Sherman/Carter/Barnhart
Architects PSC \$660.00

Interior slab-on-grade 52sf @ \$4.75/sf	\$247.00
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Total ADDITIONAL amount of this Request for Change Order	\$907.00
---	-----------------

~~This Request is Valid for~~ _____ Days
A Time Extension of 0 Days is Included in this Request

- A. We are proceeding with this work as per verbal authorization of Geotechnical Engineer
- B. ~~We have completed this work as per verbal authorization of _____~~
- C. ~~We will proceed with this work only upon receipt of this signed authorization, or formal Change Order.~~

SIGNED: _____

DATE: _____

MOREL CONSTRUCTION CO., LLC

1. ORIGINAL - Architect
2. COPY - Owner/Architect File
3. COPY - X File

By: Richard A. Clauson
Richard A. Clauson - Vice President

April 20, 2010
Date

COPY

Richard Clauson

From: Scott Moritz [scott@demolitionsolutions.us]
Sent: Friday, February 26, 2010 10:36 AM
To: Richard Clauson
Subject: Re: Radcliff

Rick

Sorry, I see the error I made on measuring the room. The corrected price is \$414.00. All adds and deducts have been based on \$4.00 per s.f. and saw cutting.

The lab was originally going to be hammered out with a bobcat, therefore I would not have had the saw cutting cost or have to remove VCT. We still have to saw cut and remove for the footings and hammer and remove the ramp. Which is the cost clarified in the previous email.

Please let me know, if this clears everything up.

Thank you

Scott

On Feb 26, 2010, at 10:17 AM, Richard Clauson wrote:

Scott.

Most of that room was scheduled to come out in the base bid. The additional areas to be removed are about 5.5 X 7 and 5.5 X 9.5 and that's about 91 sf.

Richard A. Clauson
Vice President

Morel Construction Co., LLC
627 West Main Street
Louisville, KY 40202
(502) 568-6200
(502) 568-6234 Fax

From: Scott Moritz [mailto:scott@demolitionsolutions.us]
Sent: Friday, February 26, 2010 10:04 AM
To: Richard Clauson
Subject: Re: Radcliff

Rick

I have 18 x 24 432 s.f. @ \$4.00 is \$1,728 for slab and 372 l.f. saw cutting @ \$2.50 for 4-6-in. is \$930 Total \$2,258

2/26/2010



MOREL CONSTRUCTION CO., LLC

ITEM #5

April 20, 2010

SHERMAN CARTER BARNHART
100 Mallard Creek Dr., Ste. 151
Louisville, KY 40207

Attn: Ms. Myra Vaughn

RE: RENOVATION TO RADCLIFF MIDDLE SCHOOL - PHASE I

Dear Ms. Vaughn,

We have reviewed Proposal Request Number: 005 and find that it does not have a significant impact on the cost. We will proceed with this change at no cost if so desired.

Please advise at your earliest convenience.

Very truly yours,

MOREL CONSTRUCTION CO., INC.

Richard A. Clauson
Vice President

RECEIVED
APR 21 2010
Sherman/Carter/Barnhart
Architects PSC

RAC/als

Cc: Lusk Mechanical - Mr. Steve Robinson
Alternative Electrical Services - Mr. Bobby Eckenfels
Morel Construction Co., LLC - Mr. Tim Metts

627 WEST MAIN STREET
LOUISVILLE, KENTUCKY 40202
502-568-6200 FAX: 502-568-6234

2801 ALEXANDRIA PIKE
HIGHLAND HEIGHTS, KENTUCKY 41076
859-442-7100 FAX: 859-442-8175



AIA Document G709™ - 2001

Work Changes Proposal Request

PROJECT (Name and address):

Renovation to Radcliff Middle School - Phase 1

1145 S. Dixie Boulevard
Radcliff, Kentucky 40160

PROPOSAL REQUEST NUMBER: 005

DATE OF ISSUANCE: April 08, 2010

OWNER: ☒

ARCHITECT: ☒

CONSULTANT: ☒

CONTRACTOR: ☒

FIELD: ☐

OTHER: ☐

OWNER (Name and address):

Hardin County Schools

65 W. A. Jenkins Road
Elizabethtown, Kentucky 42701

CONTRACT FOR: General Construction

CONTRACT DATE: January 22, 2010

FROM ARCHITECT (Name and address):

Sherman Carter Barnhart Architects
100 Mallard Creek Road, Suite 151
Louisville, Kentucky 40207

ARCHITECT'S PROJECT NUMBER: 0935

TO CONTRACTOR (Name and address):

Morel Construction Co., Inc.
637 West Main Street
Louisville, Kentucky 40202

Please submit an itemized proposal for changes in the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. Within Seven (7) days, the Contractor must submit this proposal or notify the Architect, in writing, of the date on which proposal submission is anticipated.

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

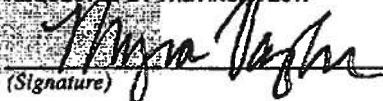
DESCRIPTION (Insert a written description of the Work):

Shift the VRF condensing units approximately 5 feet as indicated on the attached drawing, in order to avoid close proximity to the existing gas meter and transformer and the adjacent exterior classroom window.

ATTACHMENTS (List attached documents that support description):

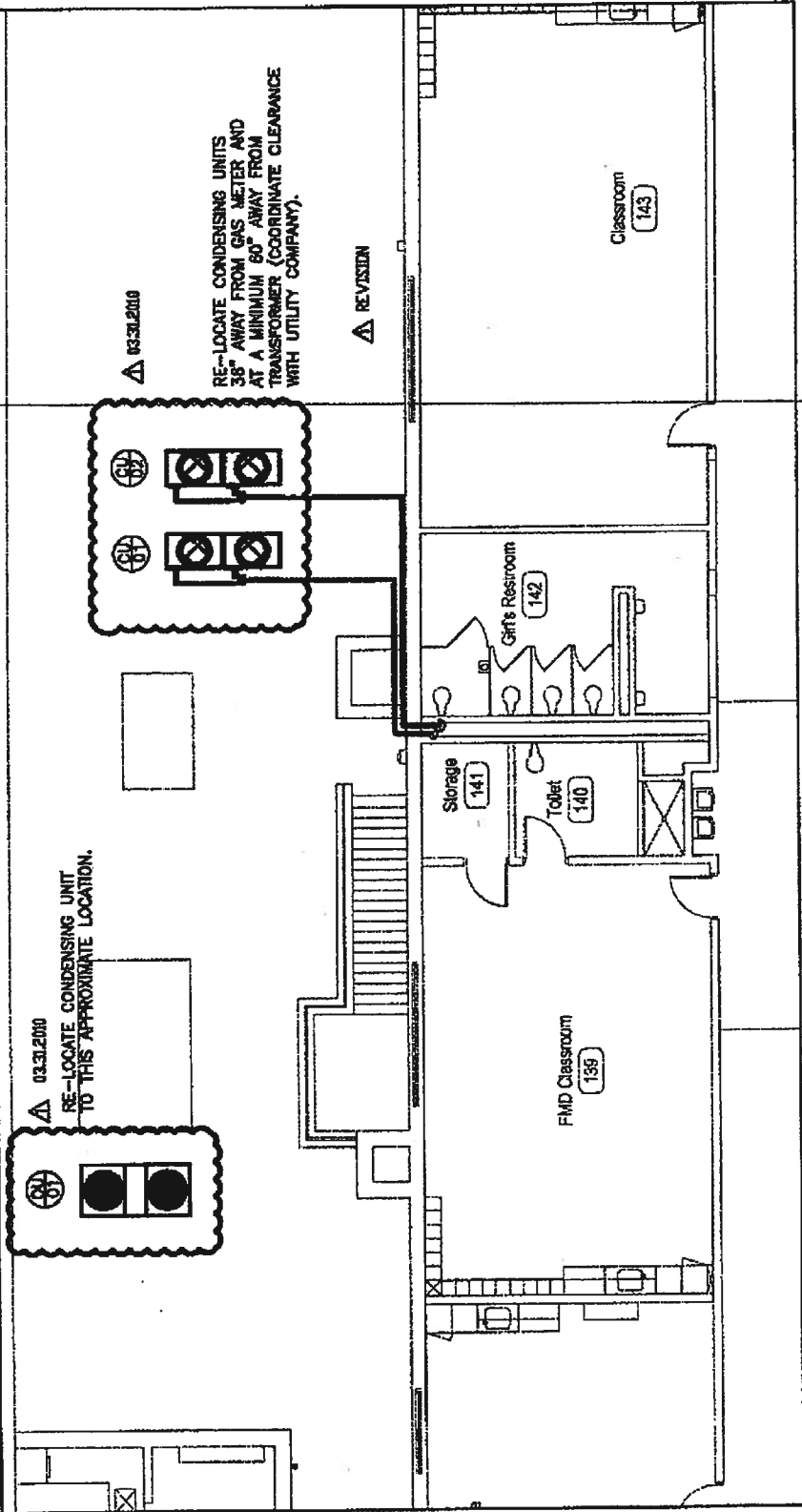
Drawing M1.2R

REQUESTED BY THE ARCHITECT:


(Signature)

Myra Vaughn, Project Architect

(Printed name and title)



PARTIAL FIRST FLOOR PLAN - MECHANICAL $\frac{3}{8}" = 1'-0"$

M1.2R	DATE: 03/31/10		PROJECT NO: 0895
	DRAWN:		
	PROJECT NAME: RENOVATION TO RADCLIFF MIDDLE SCHOOL - PHASE 1		
	PROJECT LOCATION: RADCLIFF, KENTUCKY		

Sherman-Carter-Barnhart
 ARCHITECTURE • INTERIORS • LANDSCAPE ARCHITECTURE • CIVIL ENGINEERING
 100 WALLARD CREEK RD • LOUISVILLE, KY 40261-4159 • PHONE: 502.721.0100 • FAX: 502.721.6111



627 West Main Street
Louisville, KY 40202
502-568-8200 Fax 502-568-8234

REQUEST FOR CHANGE ORDER

MOREL CONSTRUCTION CO., LLC

SHERMAN CARTER BARNHART
100 Mallard Creek Rd., Suite 151
Louisville, KY 40207-5133

Attn: Ms. Myra Vaughn

Request No. 14
X-No. 15
Project Renovation to Radcliff Middle School
Project No. 10-02

We hereby request your formal Change Order to our contract for the following changes in the Scope of Work.

Provide concrete infill where mud set tile base was removed in Restrooms 142, 205, and 211.

239sf @ \$4.25/sf

476sf @ \$3.75/sf

RECEIVED

MAY 11 2010

Sherman/Carter/Barnhart
Architects PSC

\$1,016.00

\$1,785.00

Total ADDITIONAL amount of this Request for Change Order

\$2,801.00

This Request is Valid for Days
A Time Extension of 0 Days is Included in this Request

A. We are proceeding with this work as per verbal authorization of _____

B. We have completed this work as per verbal authorization of _____

~~C. We will proceed with this work only upon receipt of this signed authorization of formal Change Order.~~

SIGNED: _____

DATE: _____

MOREL CONSTRUCTION CO., LLC

1. ORIGINAL - Architect
2. COPY - Owner/Architect File
3. COPY - X File

By: Richard A. Clauson
Richard A. Clauson - Vice President

May 10, 2010
Date



627 West Main Street
Louisville, KY 40202
502-568-6200 Fax 502-568-6234

REQUEST FOR CHANGE ORDER

MOREL CONSTRUCTION CO., LLC

SHERMAN CARTER BARNHART
100 Mallard Creek Rd., Suite 151
Louisville, KY 40207-5133

Attn: Ms. Myra Vaughn

Request No. 13R1
X-No. 14R1
Project Renovation to Radcliff Middle School
Project No. 10-02

We hereby request your formal Change Order to our contract for the following changes in the Scope of Work.

Revise Gym and exterior parapets as described in Proposal Request Number 001 dated April 9, 2010. Also include RTU support per SCB's 4/22/10 email. To meet schedule, authorization to proceed must be given by 5/10/10. Work in Media Center is not included. Painting of new work in Gym is not included.

Unit Prices
See Exhibit "A"

Contractor Prices
See Exhibit "B"

RECEIVED

MAY 18 2010

Sherman/Carter/Barnhart
Architects PSC

\$39,578.00

\$264,391.00

Total ADDITIONAL amount of this Request for Change Order

\$303,969.00

This Request is Valid for 10 Days
A Time Extension of 0 Days is Included in this Request

A. We are proceeding with this work as per verbal authorization of _____

B. We have completed this work as per verbal authorization of _____

~~C. We will proceed with this work only upon receipt of the signed authorization of formal Change Order.~~

SIGNED: _____

DATE: _____

MOREL CONSTRUCTION CO., LLC

1. ORIGINAL - Architect
2. COPY - Owner/Architect File
3. COPY - X File

By: Richard A. Clauson
Richard A. Clauson - Vice President

May 17, 2010
Date



627 West Main Street
Louisville, KY 40202
502-568-6200 Fax 502-568-6234

MOREL CONSTRUCTION CO., LLC

May 13, 2010

copy

REQUEST FOR CHANGE ORDER

SHERMAN CARTER BARNHART
100 Mallard Creek Rd., Suite 151
Louisville, KY 40207-5133

Attn: Ms. Myra Vaughn

Request No. 13

X-No. 14

Project Renovation to Radcliff Middle School

Project No. 10-02

We hereby request your formal Change Order to our contract for the following changes in the Scope of Work.

Revise Gym and exterior parapets as described in Proposal Request Number 001 dated April 9, 2010. Also include RTU support per SCB's 4/22/10 email. To meet schedule, authorization to proceed must be given by 5/10/10. Work in Media Center is not included. Painting of new work in Gym is not included.

Unit Prices

See Exhibit "A"

\$40,238.00

Contractor Prices

See Exhibit "B"

\$ 264,669.00 ~~\$333,678.00~~

Total ADDITIONAL amount of this Request for Change Order

~~\$578,046.00~~
\$ 304,907.00

This Request is Valid for 10 Days

A Time Extension of 0 Days is Included in this Request

A. We are proceeding with this work as per verbal authorization of _____

B. We have completed this work as per verbal authorization of _____

C. We will proceed with this work only upon receipt of this signed authorization, or formal Change Order.

SIGNED: _____

DATE: _____

MOREL CONSTRUCTION CO., LLC

1. ORIGINAL - Architect
2. COPY - Owner/Architect File
3. COPY - X File

By: Richard A. Clauson
Richard A. Clauson - Vice President

May 5, 2010
Date



MOREL CONSTRUCTION Co., LLC

EXHIBIT "A"

Unit Prices:

8" CMU (Including reinforcement)	1379sf @ \$15.25/sf	\$21,030.00
Miscellaneous Structural Steel (angles, channels)	6184 lbs. @ \$2.98/lb	\$18,428.00
3/4" EMT	50lf @ \$6.00/lf	\$300.00
Total		\$39,758.00



MOREL CONSTRUCTION CO., LLC

EXHIBIT "B"

Contractor Pricing:

General Conditions		\$27,041.00
Mass Demolition		\$23,734.00
Masonry		\$44,313.00
Roof Patching		\$4,390.00
Fire Protection		\$18,390.00
Mechanical		\$85,861.00
Electrical		\$26,176.00
	Subtotal	\$229,905.00
OH&P		\$34,486.00
	Total	\$264,391.00

Demolition Solutions LLC

COPY

April 21, 2010

Morell Construction
Louisville, KY

Subject: Radcliff Middle School - PR1

Rick,

Demolition Solutions LLC proposes to supply the labor, equipment and supervision necessary to remove the demolition items for this project. The price includes the cost of dumpsters and disposal. Excluded from the bid are the following items: hazardous materials, patching and repairs, electrical disconnections and demolition, mechanical disconnections and demolition, plumbing disconnections and demolition, partition/barrier wall, tooth-in, structural and temporary shoring, new metal installation, patching and leveling floor, prep for new work, storage, site demolition and fire system demolition. All work will be performed in a safe and timely manner in accordance with all federal, state and local regulations. Work will be performed for a lump sum price.

Scope of Work: Selective Demolition as per drawings for renovation of Math Center

Lump Sum Price

\$24,514.00

Scope of Work: Selective Demolition as per drawings for removal of HHS

Lump Sum Price

\$23,734.00

Sincerely,

Scott Moritz
Scott Moritz
Operations Manager

Your Selective Demolition Specialist



600 Hawthorne Avenue Shelbyville, KY 40066

Phone 502.655.2377 Fax 502.633.8036

scott@demolitionsolutions.us
demolitionsolutions.us

Schedule of Values

Radcliff Middle School Estimate - PRT

6/2/2010

Material	Quantity	Units	Material	Equipment	Total Value	Per Unit	Per SF
6" CMU Block - w/Mortar/Sand/Grout/Reinforcing	0	Each	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6" CMU Block - w/Mortar/Sand/Grout/Reinforcing	1500	Each	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Brick Veneer - Utility - Sonoma Valley Colonial w/Flashing/Mortar/Net/Anchors/Vents	7111	Each	\$16,488.63	\$27,138.26	\$42,564.88	\$5.98	\$17.96
Brick Demo	353	Square Feet	\$0.00	\$1,748.26	\$1,748.26	\$5.25	\$5.25
Total							

P44,313.00

COPY



SWIFT ROOFING OF E-TOWN, INC
P.O. BOX 502
ELIZABETHTOWN, KY 42702
PHONE: (270) 737-2224
FAX: (270) 737-5307

4/23/10

Attn.: Rick Clanson
Morel Const.

Re.: Renovation to Radcliff Middle School

Swift Roofing will provide all labor, material, equipment supervision and insurance to complete the scope of work listed below.

Scope of work:

Includes:

1. Dry-in two new roof top unit. (Demo, location and set by others)
2. Install new decking material, insulation and roof membrane where existing unit is being removed by others.
3. Install (1) new sheet metal curb cap.
4. Remove all debris related to this scope of work.

* Price: \$ 4,390.00

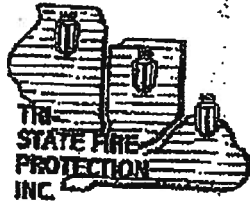
ADDITIONAL PRICING:

1. Remove existing antenna tower and cables from roof.
2. Turn tower over to Owner if required.

* Price: \$ 2,705.00

Thank You,

Brian Delk
Project Manager



COPY

10577 Oak Grove Road Newburgh, IN 47630 Phone (812)853-9229 Fax (812)858-9074

Proposal

May 3, 2010

ATTN: Kenneth Morel
Morel Construction
627 W. Main
Louisville, KY 40202

P (502) 568-6200
F (502) 568-6234

RE: Radcliff Middle School Phase 1
Fire Sprinkler System

PR001 - Partial Area C Gymnasium Only

We propose to furnish labor and material as follows:

Interior - Tie into the existing wet pipe system main and extend the system into the Gymnasium only. Install new cross main as needed. Install approximately 94 new upright sprinklers on exposed black steel piping in the gym only. This price does not include any unknown storage, mechanical or under bleacher areas not shown. This price does not include any of any existing piping or priming or painting of pipe. We include all engineering and submittals.

Engineering	1,790
Material	8,500
Labor	8,100

Total Interior Labor and Material \$ 18,390.00

- One year warranty
- All work to be per NFPA 13, State and Local Codes and owners practices.
- All engineering and design work complete with all necessary submittals.
- We are to be provided with base drawings in AutoCad format for use in preparation of fire protection shop drawings.
- No overtime labor, paint, electric, fire extinguishers, or fire alarm work.

We appreciate the opportunity to quote this project and if you have any questions, please feel free to contact our office at anytime.

Accepted. The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Date of Acceptance _____

By _____

Respectfully Submitted,
Tri-State Fire Protection, Inc.

Elizabeth Blanchette
Elizabeth Blanchette



The Lusk Group

820 S. Dixie Hwy., Muldraugh, KY 40155
Tel (502) 942-6966 Fax (502) 942-6964

May 13, 2010

Morel Construction
627 W. Main Street
Louisville, Ky 40202
Attention: Mr. Tim Metts
Re: Radcliff Middle School Change Order # 1(Revised)

Dear Tim

Below please find our mechanical breakdown for the various systems in PR-1, Gymnasium Renovation for the above project.

<u>Sheet Metal:</u>	\$39,445.000
<u>Insulation:</u>	\$4,973.00
<u>HVAC Equipment:</u>	\$32,811.00
<u>HVAC Controls:</u>	\$1,152.00
<u>Labor</u>	\$3,858.00
<u>Demo</u>	\$2,341.00
<u>Test and Balance</u>	\$1,281.00

Total Change Order Proposal \$85,861.00

Please feel free to call if you have any questions

Sincerely

Steve Robinson
Estimator / Project Manager
The Lusk Group
(502) 942-6966
(502) 942-6964

ALTERNATIVE
ELECTRICAL SERVICES INC

May 11, 2010

Mr. Rick Clauson
Morel Construction Company
627 West Main Street
Louisville, KY 40202

RE: Radcliff Middle School Renovation
PR# 1R3

Dear Mr. Clauson,

I am sending you pricing with breakdown to perform additional work listed in PR#1 at the above referenced project. If accepted please add the total amount to our contract. This proposal does not include repairing of concrete.

Base Bid Unit Prices	\$ 242.00
Labor & Material Breakouts	\$ 26,176.00
Total Amount This Change Request	\$ 26,176.00

Thank you for the opportunity to submit our pricing on the above referenced project. If you have any questions or need further assistance, please do not hesitate to contact our office. My extension number is (13).

Sincerely,

Alternative Electrical Services, Inc

☼☼☼☼ ☼☼ ☼☼☼☼☼☼

Thomas R. Roberts
President/Chief Operations Officer

CHANCE PRICING
LABOR AND MATERIALS BREAKDOWN FORM

One Of Two

Contractor/Subcontractor Name:	Alternative Electrical Services, Inc.
Request:	Request For Change
Description:	PR# 1R3 - Cost Breakdown
Contact Person:	Thomas R. Roberts
Date:	5/11/2010

Item No	Item Description	Material Cost			Man Hours		Labor Cost		
		Quantity	Unit	Total	Unit	Total	Unit	Total	
1	DPI PANEL	1	6.42	6.42	12	12	60	720	
2	3-1/2" EMT	50	8.76	438	0.169	8.45	60	507	
3	3-1/2" EMT 90	3	33.21	99.63	0.4	1.2	60	72	
4	3-1/2" EMT COUPL	6	6.32	37.92	0.16	0.96	60	57.6	
5	NO. 3 THHN WIRE	50	1.3	65	0.018	0.889	60	53.34	
6	NO. 500 THHN WIRE	200	9.73	1946	0.05	10	60	600	
7	4" HOLE IN FLOOR	2	8.35	16.7	0.286	0.572	60	34.32	
8	4" HOLE IN FLOOR	2	8.35	16.7	0.286	0.572	60	34.32	
9	2-1/2" EMT	300	6.23	1869	0.142	42.6	60	2556	
10	2-1/2" EMT	300	6.23	1869	0.142	42.6	60	2556	
11	2-1/2" EMT 90	10	16.43	164.3	0.3	3	60	180	
12	2-1/2" EMT COUPL	20	4.63	92.6	0.14	2.8	60	168	
13	NO. 4 THHN WIRE	320	0.84	268.8	0.015	4.8288	60	289.728	
14	NO. 4/0 THHN WIRE	960	4.66	4473.6	0.036	34.9056	60	2094.336	
15	4" SQ BOX	6	3.23	19.38	0.4	2.4	60	144	
16	4" SQ BLANK COVER	6	1.22	7.32	0.151	0.906	60	54.36	
17	DUCT SMOKE DETECTOR	1		0	2.5	2.5	60	150	
18	TEST SWITCH	1		0	1	1	60	60	
19	FIRE ALARM CABLE	100	0.32	32	0.009	0.9	60	54	
20	SCISSOR LIFT	1	700	700		0		0	
21	PANEL DPI	1	2347	2347		0		0	
22	FIRE ALARM EQ	1	428	428		0		0	
23				0		0		0	
24				0		0		0	
25				0		0		0	
26				0		0		0	
27				0		0		0	
28				0		0		0	
29				0		0		0	
30				0		0		0	
31				0		0		0	
32				0		0		0	
33				0		0		0	
34				0		0		0	
35				0		0		0	
36				0		0		0	
37				0		0		0	

39				0		0		0
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CHANGE PRICING
LABOR AND MATERIALS BREAKDOWN FORM

Two Of Two

Item No	Item Description	Material Cost			Man Hours		Labor Cost	
		Quantity	Unit	Total	Unit	Total	Unit	Total
39				0		0		0
40				0		0		0
41				0		0		0
42				0		0		0
43				0		0		0
44				0		0		0
45				0		0		0
46				0		0		0
47				0		0		0
48				0		0		0
49				0		0		0
50				0		0		0
51				0		0		0
52				0		0		0
53				0		0		0
54				0		0		0
55				0		0		0
56				0		0		0
57				0		0		0
58				0		0		0
59				0		0		0
60				0		0		0
61				0		0		0
62				0		0		0
63				0		0		0
64				0		0		0
				<u>\$ 14897.37</u>		<u>173.08</u>		<u>\$ 10385.00</u>

Material Cost \$ 14897.37
 Sales Tax @ 6% 893.84
 Material Subtotal \$ 15791.21

Labor and Material Subtotal \$ 26176.22

complete to proposed change)
 Subtotal 26176.22

Bond @ 0% 0.00

Total Cost For This Change

26176.22

From: Bill Grigsby
Sent: Thursday, April 22, 2010 1:48 PM
To: rclauson@morelconstruction.net; Timothy L. Metts (tmetts@morelconstruction.net)
Cc: Myra Vaughn; Brian Ashley; System ADMINISTRATOR
Subject: Radcliff PR1 RTU Support

The attached sketch shows the addition of three (3) tube steel supports to be added at the roof to support the new RTU's. Channels are to be cut into the Tectum deck and roofing to allow for the installation of the tube steel supports.

The width of the tube steel shall be 6" minimum and the wall thickness shall be 3/8" minimum. The "height" of the tube steel shall be as required to clear the Tectum roof deck. Obviously, it is highly unlikely that the thickness of the Tectum deck and roof is an exact tube steel dimension. The tube steel height should be selected to stand proud of the roof. This will allow the tube steel to support the roof curb for the new RTU's.

The tube steel should be located at panel points of the gym roof joists and welded to the joist top chord as indicated.

It is probably necessary to weld a 1/4" thick plate to the bottom of the tube steel and let that plate be 3" wider than the tube steel to create a 1.5" wide shelf at each side of the tube steel to catch the Tectum deck. I just thought of that after I scanned in the sketch so you need to add that in.

Let me know if you have any questions.

From: Richard Clauson [mailto:rclauson@morelconstruction.net]
Sent: Thursday, April 22, 2010 8:17 AM
To: Myra Vaughn
Cc: Brian Ashley; Bill Grigsby; 'Ana Sojo'; tmetts@morelconstruction.net
Subject: RE: Radcliff PR1 RTU Support

Anything yet on this?

Richard A. Clauson
Vice President

Morel Construction Co., LLC
627 West Main Street
Louisville, KY 40202
(502) 568-6200
(502) 568-6234 Fax

From: Myra Vaughn [mailto:mvaughn@scbarchitects.com]
Sent: Tuesday, April 20, 2010 4:24 PM
To: Richard Clauson
Cc: Brian Ashley; Bill Grigsby

06/08/2010

Subject: Re: Radcliff PR1 RTU Support

Rick,
Structural detail at new Gym rooftop units is forthcoming.
Yes, flat black will be fine.

Thank you,

Myra Vaughn AIA, LEED AP

Sherman Carter Barnhart
mvaughn@scbarchitects.com

On Apr 20, 2010, at 3:36 PM, "System ADMINISTRATOR" <ADMIN@scbarchitects.com> wrote:

From: Richard Clauson [mailto:rclauson@morelconstruction.net]
Sent: Tuesday, April 20, 2010 3:20 PM
To: Myra Vaughn; Brian Ashley
Cc: asojo@morelconstruction.net; tmetts@morelconstruction.net
Subject: Radcliff PR1 RTU Support

Myra,

We talked about support for the RTU's we're adding at the gym. I forgot to ask you about that this morning. Also, do you want the new work in the gym painted out flat black?

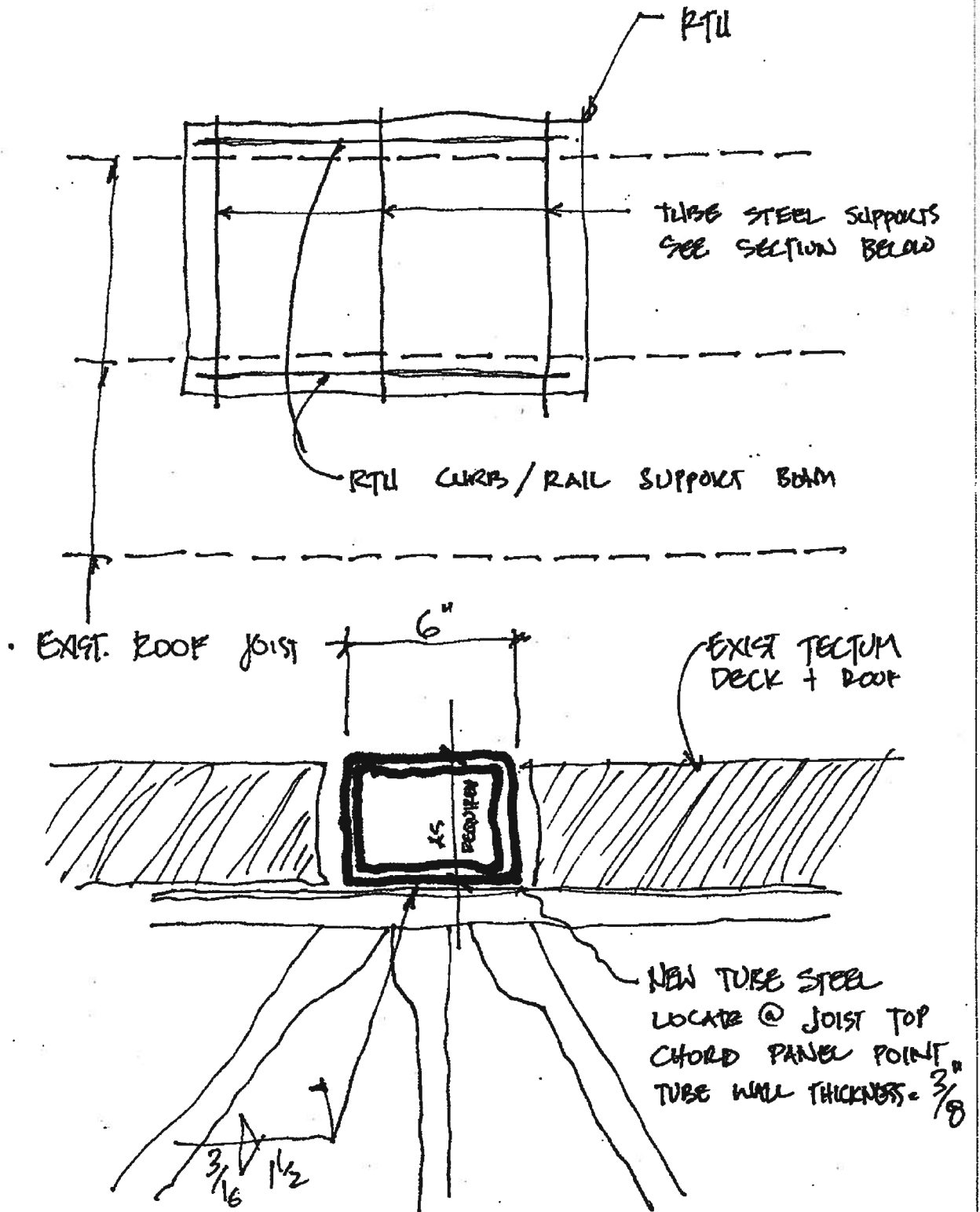
Richard A. Clauson
Vice President

Morel Construction Co., LLC
627 West Main Street
Louisville, KY 40202
(502) 568-6200
(502) 568-6234 Fax

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.801 / Virus Database: 271.1.1/2823 - Release Date: 04/20/10 08:45:00

06/08/2010

BY: _____ DATE: _____ SUBJECT: **RADCLIFF AVM** SHEET NO: _____ OF: _____
CHKD BY: _____ DATE: _____ **RTU SUPPORTS @ GYM** JOB NO: **0035**



KENTUCKY DEPARTMENT OF EDUCATION
DIVISION OF FACILITIES MANAGEMENT

CHANGE ORDER SUPPLEMENTAL
INFORMATION FORM

702 KAR 4:160

(Supplement to AIA G701 and G701/CMA Change Order Forms)

District: Hardin County District Code: 231 Facility Name: Radcliff Middle School School Code: 080

BG #: 10-053 Project: Renovation to Radcliff Middle School Contract/Bid Package: _____

Original Contract Sum: \$3,265,798.00 Change Order Number: 3

Requested Change Order Amount \$ 8,313.00 Time Extension Required: ☐ Yes ☒ No

NOTE: All change orders shall be submitted with complete cost breakdown including materials, labor, overhead and profit, and any other descriptive drawings and information.

Contract change requested by:

- | | |
|--|--|
| <input type="checkbox"/> Local Board of Education | <input checked="" type="checkbox"/> General Contractor |
| <input type="checkbox"/> Architect/Engineer | <input type="checkbox"/> Construction Manager |
| <input type="checkbox"/> Code Enforcement Official | <input checked="" type="checkbox"/> Other: <u>Found conditions</u> |

Change Order Description and Justification:

1. (COR 10 / PR 007) Add 4" CMU pilasters at restrooms 180 and 183 in order to conceal the existing steel column, which was not located on the original construction documents. Add of \$1,940.00 – Found
2. (COR 11 / RFI 18) Modify the existing floor support at beam 1B8 due to found conditions contradictory to original construction documents. Add of \$2,401.00 – Found
3. (COR 12 / RFI 16) Revise steel framing at second floor, column line "4" between column lines "B" and "D" per RFI #16 response. Add of \$1,202.00 – Found
4. Remove entire sunken slab-on-grade in existing Book Store. Undercut existing footings 6" and replace with engineered fill, pin slab-on-grade to existing foundation walls, and replace slab and under fill. Add of \$907.00 – Found
5. Shift the VRF condensing units approximately 5 feet in order to avoid close proximity to the existing gas meter and transformer and the adjacent exterior classroom window. No Cost – Found
6. Provide concrete infill at existing large restrooms 142, 205, and 211 where thick-set ceramic floor tile was removed. New thin-set ceramic floor tile will be installed in all restrooms this phase. Add of \$2,801.00 – Found
7. Deduct for difference in amount approved by school board for Change Order No. 2 (\$304,907.00) per Information given on May 13 and the final price submitted by Morel Construction on May 18, 2010 (\$303,969.00). Deduct of \$938.00 – Contractor

Cost Benefit to Owner:

1. Addresses found condition to maintain restroom layout.
2. Addresses found structural issue.
3. Addresses found structural issue.
4. Addresses found structural issue.
5. Relocation of condensing unit out of view from restroom, at no additional cost to the Owner.
6. Provides specified floor tile without additional cost for thick-set tile installation.
7. Refunds monies to Owner for overpayment on Change Order No. 2

Have contract unit prices been utilized to support the cost associated with this change order?

☐ Yes ☒ No

Is the cost for this change order supported by an alternate bid or competitive price quote(s)?

☐ Yes ☒ No

Does this change order affect the total Architect/Engineer design fee for this project? ☒ Yes ☐ No

Current A/E Contract Amount: \$374,476.19

Fee Amount for this change +/-: \$ 518.06

New A/E Contract Amount: \$374,994.25

Board of Education Designee Signature

Date

Attach additional pages if necessary