

DEPARTMENT OF FACILITIES

DANNY CLEMENS, DIRECTOR
TRACY PARSLEY, MAINTENANCE SUPERVISOR
THOMAS STOKES, CUSTODIAL SUPERVISOR
GEORGE BROCK, ENERGY MANAGER

MEMO

TO: Dr. Jesse Bacon, Superintendent
FROM: Danny Clemens, Director of Facilities
Date: July 18, 2024
RE: Bernheim - Change Order 19 - Mechanical Room Revisions **DC**

Due to structural conflicts at the main Mechanical Room, hoods on the sloped roof could not be installed, and the alternative was to route the intake and exhaust through the mechanical room to the existing louvers on the exterior of the building. The previous plan for the louvers was to blank off and abandon. This solution requires more ductwork but saves money by utilizing the existing louver openings.

I recommend approval of this request.

Attached Documents Include – *Action item noted for each:*

- [G701-2017 - Change Order 19](#) - Mechanical Room Revisions - for Board Signature
- [CO 19 - FACPAC](#) - Mechanical Room Revisions to Roof Curbs - For Board Signature
- [COR-23 - RFI #55 Sloped Roof Curbs REV 7.10.24](#) - No action – for Board Reference.

T Wood
Kew

OUR MISSION IS TO INSPIRE AND EQUIP OUR STUDENTS TO SUCCEED IN LIFE

BULLITT COUNTY PUBLIC SCHOOLS IS AN EQUAL EDUCATION AND EMPLOYMENT INSTITUTION



AIA® Document G701® – 2017

Change Order

PROJECT: *(Name and address)*
Bernheim Middle School Renovation
700 Audubon Drive, Shepherdsville, KY
40165

CONTRACT INFORMATION:
Contract For: General Construction
Date: June 19, 2023

CHANGE ORDER INFORMATION:
Change Order Number: 019
Date: July 22, 2024

OWNER: *(Name and address)*
Bullitt County Public Schools Board of
Education
1040 Hwy 44 East
Shepherdsville, KY 40165

ARCHITECT: *(Name and address)*
Studio Kremer Architects, Inc.
1231 S. Shelby Street
Louisville, KY 40203

CONTRACTOR: *(Name and address)*
Calhoun Construction Services, Inc.
7707 National Turnpike
Louisville, Kentucky 40218

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

See COR #23 for scope of Work included in this Change Order.

The original Contract Sum was	
The net change by previously authorized Change Orders	\$ 20,787,544.59
The Contract Sum prior to this Change Order was	\$ -603,888.63
The Contract Sum will be increased by this Change Order in the amount of	\$ 20,183,655.96
The new Contract Sum including this Change Order will be	\$ 35,087.00
	\$ 20,218,742.96

The Contract Time will be unchanged by Zero (0) days.
The new date of Substantial Completion will be

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that 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.

Studio Kremer Architects, Inc.

ARCHITECT *(Firm name)*

Calhoun Construction Services, Inc.

CONTRACTOR *(Firm name)*

Bullitt County Public Schools Board of
Education

OWNER *(Firm name)*

SIGNATURE
Catherine Noble Ward, AIA

PRINTED NAME AND TITLE

SIGNATURE
Joel Pittard, Project Manager

PRINTED NAME AND TITLE

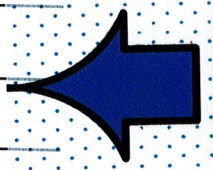
SIGNATURE
Dr. Jesse Bacon, Superintendent

PRINTED NAME AND TITLE

DATE

DATE

DATE



FACPAC Contract Change Order Supplemental Information Form (Ref# 60336)

Form Status: Saved

Tier 1 Project: Bernheim Middle School -Renovation

BG Number: 23-051

Status: Active

District: Bullitt County (HB678) (071)

Phase: Project Initiation (View Checklist)

Contract: Calhoun Construction Services, Inc., 0001, General Construction

Type: General Contractor

Proposed

Change Order Number	19
Time Extension Required	No
Date Of Change Order	7/22/2024
Change Order Amount To Date	Increase

Construction Contingency

Calculations below are project wide. Remaining negative Construction Contingency may require the submission of a revised BG1.

Current Approved Amount	\$1,261,761.60
Net Approved COs	\$-136,110.42
Remaining After Approved COs	\$1,397,872.02
Net All COs	\$-23,419.42
Remaining After All COs	\$1,285,181.02

This Requested Change Order Amount \$35,087.00

+/-

Change In A/E Fee This Change Order \$2,192.94

+/-

Change In CM Fee This Change Order \$0.00

+/-

Remaining Construction Contingency \$1,285,181.02

Balance

Contract Change Requested By General Contractor

Contract Change Reason Code Found Condition; Improved Plans/Specs

Change Order Description And Justification

Due to structural conflicts at the main Mechanical Room, hoods on the sloped roof could not be installed, and the alternative was to route the intake and exhaust through the mechanical room to the existing louvers on the exterior of the building. The previous plan for the louvers was to blank off and abandon. This solution requires more ductwork, but saves money by utilizing the existing louver openings.

Cost Benefit To Owner

Work can commence with trades already on site and avoid the added cost of mobilization and general conditions.

Contract unit prices have been utilized No to support the cost associated with this change order.

Detailed Cost Breakdown

Contract unit prices have not been utilized, provide a detailed cost breakdown which separates labor, material, profit and overhead.

Detail Item	Amount	Percent of Total
Labor	\$14,365.00	40.94%
Materials	\$15,713.00	44.78%
Profit and Overhead	\$4,662.00	13.29%
Bond Insurance	\$347.00	0.99%
Cost Breakdown Total:	\$35,087.00	

Cost for this Change Order supported No by an alternate bid or competitive price quote

Explain Why

Work can commence with trades already on site and maintain the current Construction Schedule.

Change Order Supplemental Information Form Signature Page (Online Form Ref# 60336)

Catherine N. Ward
Architect

7/18/2024

Date

N/A

Construction Manager

Date

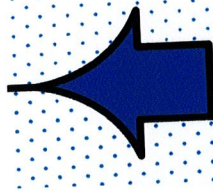
Lisa Lewis
Finance Officer

New
~~FE~~ 7-19-24

Date

Local Board of Education Designee

Date



Change Order Request 23 - PCO #72 - RFI #55 - Sloped Roof Curbs - REVISED

622-Bernheim Middle School Renovation

7/11/2024



Summary of Work

RFI #55 - Sloped Roof Curbs

Scope - Subcontractor	Description of Scope	Cost
1 Bernheim Middle School Renovation		\$33,086.00
1.1 HVAC - Lusk -	RFI #55 - Sloped Roof Curbs	\$33,086.00
		\$33,086.00
	Fee 5.00%	\$1,654
	Bond 1.00%	\$347
Total Amount		\$35,087

Approved By:

Date:

Submitted By:

Jorge G. Lyons

Date:

7/11/2024



The Lusk Group

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

May 28, 2024

Project: Bernheim Middle School
Change Order Request #7 RFI 55
Attn: Joel Pittard

REVISED 7/10/2024

Please find our change order request below for the hvac changes shown in RFI#55 response for the sloped roof issue.

\$14,824.00 material
\$ 889.44 tax
\$14,365.00 labor 169 hrs @ 85.00 per hr.
\$30,078.44 cost
\$ 3,007.84 O&P 10%

\$33,086.28 Total Change Order Request

Please advise if additional information is required.
Respectfully submitted,

Jeremy Hester
Project Manager / Estimator
Lusk Mechanical Contractors Inc.
Cell 270-272-8010
Office 502-942-6966

Recap Report

Printed: 7/9/2024 1:15:09 PM

Full Recaps
Lusk Group

Project Name: (1140) Bernheim Duct Change Order

Bid Date:

Base Bid/Alternate: Base Bid

Scopes included: Drawing: <All>
System: <All>
Spec: <All>
Floor: <All>
Zone: <All>
SysSymbol: <All>

Project Calculation Log

Calculations date: 7/9/2024 1:14:10 PM
Calculations were run with AutoBid version: 2021.1.0
Labor Book: Lusk Group Labor Book
Wage Table: Denver 2002
Non-GTO: adjusting digitized duct for fittings; NOT adjusting non-digitized duct for fittings
Rect Duct: NOT dropping short pieces; NOT converting short pieces to full
Rnd Duct: NOT dropping short pieces; NOT converting short pieces to full
Oval Duct: NOT dropping short pieces; NOT converting short pieces to full
Calculating detailing; labor multiplier: 0%
NOT calculating pressure testing
Duct/fitting labor: is adjusted for aspect ratio
Using insulation; Using treatment
NOT looking up tap material thickness separate from body/reducer
TakeOff lines: 156 - Items processed: 147
Errors: 0, Warnings: 0, Hints: 1

Name:
Full Recaps

Recap Report
Full Recaps
Ductwork Totals

7/9/2024 1:15:08 PM
Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order

Description	Material			Labor			
	Weight (lb)	Weight w/ wst	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Material							
Galvanized	3,171	3,488	\$2,677	98	98	140	140
Total	3,171	3,488	\$2,677	98	98	140	140

Recap Report
 Full Recaps
Ductwork (Material Totals)

7/9/2024 1:15:08 PM
 Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order
Galvanized

Description	Material			Labor			
	Weight (lb)	Weight w/ wst	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Fabricated							
Rectangular	3,171	3,488	\$2,677	98	98	140	140
GV SMACNA LP	3,171	3,488	\$2,677	98	98	140	140
Fabricated	3,171	3,488	\$2,677	98	98	140	140
Total	3,171	3,488	\$2,677	98	98	140	140

Recap Report
Full Recaps
Ductwork (Section Totals)

7/9/2024 1:15:07 PM
Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order
Galvanized (Fabricated)
Rectangular - GV SMACNA LP

Description	Material									Labor				
	Quantity	% of Qty	Length (ft)	Area (sq ft)	Area w/ wst	Avg. wt/each	Weight (lb)	Weight w/ wst	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Duct and Fittings														
Full Length	15	13%	75	799	838	60.38	906	951		\$247	4	4	26	26
Short Pieces	33	29%	52	426	469	13.68	451	497		\$156	4	4	14	14
Fittings	66	58%		1,510	1,704	24.28	1,602	1,808		\$568	48	48	60	60
Duct and Fittings	114		127	2,735	3,011		2,960	3,256		971	57	57	100	100
Connectors and their Reinforcing														
Connectors	548		1,066				117	129		\$932	16	16	0	
Connectors and their Reinforcing	548		1,066				117	129		932	16	16		
Hangers														
Lower/Vertical Support	80						94	104		\$29	0		35	35
Upper Support	80									\$37	0		0	
Hangers							94	104		65			35	35
Sealer, Flex Connectors and Turning Vanes														
Sealer			1,263							\$40	4	4	5	5
Turning Vanes										\$668	21	21	0	
Sealer, Flex Connectors and Turning Vanes			1,263							708	25	25	5	5
Total							3,171	3,488		\$2,677	98	98	140	140

Recap Report
Full Recaps
Ductwork (Section Details)

7/9/2024 1:15:06 PM
Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order
Galvanized (Fabricated)
Rectangular - GV SMACNA LP

Description	Material										Labor			
	Quantity	Waste %	Length (ft)	Area (sq ft)	Area w/ wst	Weight Factor	Weight (lb)	Weight w/ wst	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Duct and Fittings														
Galv 2"WG S&D/Ward														
26 ga														
Full Length	2.00	5%	9.92	69.58	73.06	0.91	63.04	66.19	\$0.260	\$17.21	0.34	0.34	2.13	2.13
Short Pieces	22.00	10%	29.50	164.45	180.90	0.91	148.99	163.89	\$0.359	\$58.84	1.59	1.59	5.25	5.25
Fittings	44.00	13%		574.25	647.49	0.91	520.27	586.62	\$0.359	\$210.60	19.75	19.75	22.20	22.20
24 ga														
Full Length	13.00	5%	65.00	728.96	765.41	1.16	842.68	884.81	\$0.260	\$230.05	3.52	3.52	23.90	23.90
Short Pieces	11.00	10%	22.61	261.58	287.74	1.16	302.39	332.63	\$0.292	\$97.29	2.67	2.67	8.58	8.58
Fittings	22.00	12%		936.14	1,056.79	1.16	1,082.18	1,221.65	\$0.292	\$357.33	28.67	28.67	38.24	38.24
Full Length	15		75	799	838		906	951		\$247	4	4	26	26
Short Pieces	33		52	426	469		451	497		\$156	4	4	14	14
Fittings	66			1,510	1,704		1,602	1,808		\$568	48	48	60	60
Total	114		127	2,735	3,011		2,960	3,256		\$971	57	57	100	100

Recap Report
Full Recaps
Ductwork (Section Details)

7/9/2024 1:15:06 PM
Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order
Galvanized (Fabricated)
Rectangular - GV SMACNA LP

Description	Material									Labor			
	Quantity	Waste %	Length (ft)	Length w/ wst	Weight Factor	Weight (lb)	Weight w/ wst	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Connectors and their Reinforcing													
Connectors													
Galv Drive Slip	142.00		176.33			49.79	54.77		\$15.11	0.47	0.47	0.00	
Galv Connector-fabd: Drive Slip		10%	200.00	220.00	0.25	49.79	54.77	\$0.069	\$15.11	0.47	0.47		
Galv S Slip	142.00		176.33			67.15	73.86		\$20.39	0.40	0.40	0.00	
Galv Connector-fabd: S Slip		10%	176.33	193.97	0.38	67.15	73.86	\$0.105	\$20.39	0.40	0.40		
Galv Ward Flange H	264.00		713.00						\$896.45	15.44	15.44	0.00	
Galv Ward Cleat: 6	784.00							\$0.200	\$156.80				
Galv Ward Corner: H	528.00							\$0.220	\$116.16				
Galv Ward Flange: H		10%	1,426.00	1,568.60				\$0.300	\$470.58				
Ward Mastic: 3/16"x5/8"		10%	718.50	790.35				\$0.130	\$102.75				
Zinc Chromate Nuts: 3/8	264.00							\$0.130	\$34.32				
Zinc Plated Bolts: 3/8 x 3/4	264.00							\$0.060	\$15.84				
Total						117	129		\$932	16	16		

Recap Report
Full Recaps
Ductwork (Section Details)

7/9/2024 1:15:06 PM
Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order
Galvanized (Fabricated)
Rectangular - GV SMACNA LP

Description	Material									Labor			
	Quantity	Waste %	Length (ft)	Length w/ wst	Weight Factor	Weight (lb)	Weight w/ wst	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Hangers													
Lower/Vertical Support													
Galv1x18ga Strap	18.00					27.49	30.24		\$8.35	0.08	0.08	7.83	7.83
#10 Fast PenetrScrw: 3/4	108.00												
Galvanized Strap: 1 x 18ga	36.00	10%	153.00	168.30	0.18	27.49	30.24	\$0.050	\$8.35	0.08	0.08		
Galv1x20ga Strap	28.00					32.84	36.13		\$9.97	0.12	0.12	12.18	12.18
#10 Fast PenetrScrw: 3/4	168.00												
Galvanized Strap: 1 x 20ga	56.00	10%	238.00	261.80	0.14	32.84	36.13	\$0.038	\$9.97	0.12	0.12		
Galv1x22ga Strap	34.00					33.86	37.25		\$10.27	0.14	0.14	14.79	14.79
#10 Fast PenetrScrw: 3/4	204.00												
Galvanized Strap: 1 x 22ga	68.00	10%	289.00	317.90	0.12	33.86	37.25	\$0.032	\$10.27	0.14	0.14		
Upper Support													
Strap Attachment (Bar Joists)	80.00								\$36.80	0.00		0.00	
Zinc Chromate Nuts: 3/8	160.00							\$0.130	\$20.80				
ZincChromatePltdBlt: 3/8 x 1/2	160.00							\$0.100	\$16.00				
Lower/Vertical Support	80					94	104		\$29			35	35
Upper Support	80								\$37				
Total						94	104		\$65			35	35

Recap Report
Full Recaps
Ductwork (Section Details)

7/9/2024 1:15:06 PM
Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order
Galvanized (Fabricated)
Rectangular - GV SMACNA LP

Description	Material									Labor			
	Quantity	Waste %	Length (ft)	Length w/ wst	Weight Factor	Weight (lb)	Weight w/ wst	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Sealer, Flex Connectors and Turning Vanes													
Sealer													
Longitudinal Sealer (Longitudinal)			910.34						\$5.16		4.04	4.04	0.00
<i>Longitudinal WB: Gallon</i>	0.33		910.34	910.34				\$15.880	\$5.16				
Transverse-WB (Transverse)			352.67						\$34.98	0.00		4.66	4.66
<i>Duct Sealer-WB: Gallon</i>	1.18		352.67	352.67				\$17.760	\$20.88				
<i>Membrane/Tape: 3</i>			352.67	352.67				\$0.040	\$14.11				
Turning Vanes													
Galv 4" Dbl Vane									\$667.73	20.55	20.55	0.00	
<i>Rail - Galv: 4" Double</i>	82.00	10%	221.17	243.29				\$0.500	\$121.64	1.77	1.77		
<i>Vane - Galv: 4" Double</i>	397.00	10%	788.00	866.80				\$0.630	\$546.08	18.78	18.78		
Sealer			1,263						\$40	4	4	5	5
Turning Vanes									\$668	21	21		
Total			1,263						\$708	25	25	5	5

Recap Report
Full Recaps
Library Totals

7/9/2024 1:15:09 PM
Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order

Description	Material		Labor			
	Weight (lb)	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Library						
Duct Accessory Items			0		2	2
Miscellaneous		\$7	0		0	
Total		\$7			2	2

Recap Report
 Full Recaps
 Library Items

7/9/2024 1:15:09 PM
 Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order

Description	Material							Labor			
	Quantity	Length (ft)	Area	Weight Factor	Weight (lb)	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Duct Accessory Items											
Vol, Baro & Ctrl Dmprs-Purch											
Rect Volume Dmpr	2.00							0.00		1.77	1.77
14 x 14	1.00									0.89	0.89
18 x 18	1.00									0.89	0.89
Total										2	2

Recap Report
 Full Recaps
 Library Items

7/9/2024 1:15:09 PM
 Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order

Description		Material							Labor			
	Quantity	Length (ft)	Area	Weight Factor	Weight (lb)	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs	
Miscellaneous												
Damper/Regulator Components												
Quadrant Set	2.00						\$7.14	0.00		0.44	0.44	
1/2	2.00					\$3.570	\$7.14			0.44	0.44	
Total							\$7					

Recap Report
Full Recaps
Other Labor Totals

7/9/2024 1:15:09 PM
Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order

Description	Material	Labor				
		Weight (lb)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Detailing			14	14	0	
Material Handling		2,960	0		27	27
Total			14	14	27	27

Recap Report
 Full Recaps
Other Labor (Section Details)

7/9/2024 1:15:09 PM
 Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order

Description	Material			Labor			
	Quantity	Length (ft)	Area (sq ft)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Detailing							
Rectangular Duct	48.00	127.03	1,224.58	2.27	2.27	0.00	
Rectangular Fitting	66.00		1,510.39	11.88	11.88	0.00	
Total	114	127	2,735	14	14		

Recap Report
 Full Recaps
Other Labor (Section Details)

7/9/2024 1:15:09 PM
 Errors: 0, Warnings: 0, Hints: 1

Bernheim Duct Change Order

Description	Material				Labor			
	Quantity	Length (ft)	Area (sq ft)	Weight (lb)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Rectangular Ductwork	114.00	294.08	2,734.97	2,959.55	0.00		26.79	26.79
Total	114	294	2,735	2,960			27	27

Lyons, Tonya

From: Scott Balch <SBalch@cmta.com>
Sent: Tuesday, July 9, 2024 2:29 PM
To: Pittard, Joel; jhester
Cc: Lyons, Tonya; Jeff McKinney; Goad, Grant; Tom Wessling; Stephanie Satterfield
Subject: RE: EXT : RE: Bernheim - COR-23 - RFI#55 Sloped Roof Curbs

Louver sizes will work with the addition of airflow from the VHP-180. There will be no need to blank off part of the louver anymore, Lusk can connect to the full louver size.

Before turning them loose, can lusk provide updated an updated COR or this work?

Scott Balch, EIT
Mechanical Engineer
CMTA, a Legence Company
O: 502.626.3085
C: 502.644.9419
cmta.com

From: Pittard, Joel <joelpittard@calhounconstructs.com>
Sent: Tuesday, July 9, 2024 7:17 AM
To: jhester <jhester@theluskgroup.com>; Scott Balch <SBalch@cmta.com>
Cc: Lyons, Tonya <TonyaLyons@calhounconstructs.com>; Jeff McKinney <jmckinney@theluskgroup.com>; Goad, Grant <grantgoad@calhounconstructs.com>
Subject: RE: EXT : RE: Bernheim - COR-23 - RFI#55 Sloped Roof Curbs

EXTERNAL SENDER: This email originated outside of CMTA. Do not click links or open attachments unless you know the sender and know the content is safe.

Scott,

I believe after your site visit Friday you were going to double check the duct sizes for the louvers. Have you had a chance to do this so we can turn Lusk loose. Thanks.

Joel Pittard
Sr Project Manager

Calhoun Construction Services
7707 National Turnpike, Suite 400
Louisville, KY 40214
O: 502.493.1332
C: 502.657.8890
F: 502.493.2407
joelpittard@calhounconstructs.com



From: Jeremy Hester <jhester@theluskgroup.com>
Sent: Monday, July 8, 2024 11:13 AM
To: Pittard, Joel <joelpittard@calhounconstructs.com>; Scott Balch <SBalch@cmta.com>
Cc: Lyons, Tonya <TonyaLyons@calhounconstructs.com>; Jeff McKinney <jmckinney@theluskgroup.com>
Subject: Re: EXT : RE: Bernheim - COR-23 - RFI#55 Sloped Roof Curbs

Scott- Yes, all the hoods were purchased by the school board through the Direct Purchase Order. I have reached out to my supplier and asked if the hoods are returnable, and they are not returnable. Lusk Mechanical has no need for the hoods that are no longer going to be used.
Thanks,

Jeremy Hester

Estimator/Project Manager

*Lusk Mechanical
820 South Dixie Highway
Muldraugh, KY.40155
jhester@theluskgroup.com
Cell (270) 272-8010
Office (502) 942-6966*

From: Pittard, Joel <joelpittard@calhounconstructs.com>
Sent: Wednesday, July 3, 2024 3:06 PM
To: Jeff McKinney <jmckinney@theluskgroup.com>; Jeremy Hester <jhester@theluskgroup.com>
Cc: Lyons, Tonya <TonyaLyons@calhounconstructs.com>
Subject: Fwd: EXT : RE: Bernheim - COR-23 - RFI#55 Sloped Roof Curbs

See below.

Get [Outlook for iOS](#)

From: Scott Balch <SBalch@cmta.com>
Sent: Wednesday, July 3, 2024 2:37:03 PM
To: Pittard, Joel <joelpittard@calhounconstructs.com>; Goad, Grant <grantgoad@calhounconstructs.com>; Craig Lusk <clusk@theluskgroup.com>
Cc: Tom Wessling <TWessling@cmta.com>
Subject: RE: EXT : RE: Bernheim - COR-23 - RFI#55 Sloped Roof Curbs

Joel,

I am ok with that. Louvers are large enough to handle. Would just need to adjust the duct sizes to 42Xx32" OA/EA to accommodate the new airflow.

Have the hoods for VHP-180 already been purchased as well? Need to figure out what we are doing with these extra hoods. Bullitt Co. has no need for them – would Lusk be interested in buying them off Bullitt County through this change order? With the VHP-180 hoods, there are a total of 8 hoods that will not be used.

Scott Balch, EIT

Mechanical Engineer

CMTA, a Legence Company

O: 502.626.3085

C: 502.644.9419

cmta.com

From: Pittard, Joel <joelpittard@calhounconstructs.com>

Sent: Wednesday, July 3, 2024 2:01 PM

To: Scott Balch <SBalch@cmta.com>; Goad, Grant <grantgoad@calhounconstructs.com>; Craig Lusk <clusk@theluskgroup.com>

Cc: Tom Wessling <TWessling@cmta.com>

Subject: EXT : RE: Bernheim - COR-23 - RFI#55 Sloped Roof Curbs

EXTERNAL SENDER: This email originated outside of CMTA. Do not click links or open attachments unless you know the sender and know the content is safe.

Scott,

Lusk is asking if we could bump the duct size up and tie VHP 180 into this as well. That unit will still cause problems getting the duct up to the mezzanine and that would help alleviate all the problems. I have asked for a ballpark price but can you look at that and see if that is possible.

Joel Pittard

Sr Project Manager

Calhoun Construction Services

7707 National Turnpike, Suite 400

Louisville, KY 40214

O: 502.493.1332

C: 502.657.8890

F: 502.493.2407

joelpittard@calhounconstructs.com



From: Scott Balch <SBalch@cmta.com>

Sent: Wednesday, July 3, 2024 9:53 AM

To: Pittard, Joel <joelpittard@calhounconstructs.com>; Goad, Grant <grantgoad@calhounconstructs.com>; Craig Lusk

[<clusk@theluskgroup.com>](mailto:clusk@theluskgroup.com)

Cc: Tom Wessling <TWessling@cmta.com>

Subject: FW: Bernheim - COR-23 - RFI#55 Sloped Roof Curbs

All,
With Cate and Stephanie out currently, I wanted you guys to get eyes on what we are proposing for the modifications to RFI 55. See attached.

This solution eliminates the need for new louvers. We would use the existing ones that we were going to abandon. Let me know you guys' thoughts.

Scott Balch, EIT
Mechanical Engineer
CMTA, a Legence Company
O: 502.626.3085
C: 502.644.9419
cmta.com

From: Scott Balch
Sent: Monday, July 1, 2024 4:08 PM
To: Cate@studiokremer.com; Stephanie Satterfield <stephanie@studiokremer.com>
Cc: Tom Wessling <TWessling@cmta.com>
Subject: RE: Bernheim - COR-23 - RFI#55 Sloped Roof Curbs

See attached for corrected drawings. This eliminates the need for buying a new louver.

Scott Balch, EIT
Mechanical Engineer
CMTA, a Legence Company
O: 502.626.3085
C: 502.644.9419
cmta.com

From: Scott Balch
Sent: Monday, July 1, 2024 3:51 PM
To: Cate@studiokremer.com; Stephanie Satterfield <stephanie@studiokremer.com>
Cc: Tom Wessling <TWessling@cmta.com>
Subject: RE: Bernheim - COR-23 - RFI#55 Sloped Roof Curbs

Stephanie,
Actually, I will be modifying this slightly. There is another existing louver we can utilize for the intake – that way they wont have to buy any louvers. I will be sending another drawing shortly.

Scott Balch, EIT
Mechanical Engineer
CMTA, a Legence Company
O: 502.626.3085
C: 502.644.9419
cmta.com

From: Scott Balch
Sent: Monday, July 1, 2024 3:33 PM
To: Cate@studiokremer.com; Stephanie Satterfield <stephanie@studiokremer.com>
Cc: Tom Wessling <TWessling@cmta.com>
Subject: Bernheim - COR-23 - RFI#55 Sloped Roof Curbs

Cate and Stephanie,
As we discussed over the phone, the louver locations we had regarding this RFI will not work – there was a beam hidden above the wall that blocks us from running any ductwork through the parapet wall.

Walked the area with Joel this morning, and attached is the solution we came up with.

This solution will be more costly as we are adding even more ductwork, but this solution would mean Lusk will only need to buy 1 louver rather than 2.

This is the only possible way to avoid putting hoods on the sloped roof.... Let me know what you think.

Thanks,

Scott Balch, EIT
Mechanical Engineer



10411 Meeting Street
Prospect, KY 40059
O: 502.326.3085
C: 502.644.9419
cmta.com

