

### DANNY CLEMENS, DIRECTOR

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

**MEMO** 

TO:

**DEPARTMENT OF FACILITIES** 

Dr. Jesse Bacon, Superintendent

FROM:

Danny Clemens, Director of Facilities

Date:

July 18, 2024

RE:

Bernheim - Change Order 23 - Cafeteria Ductwork Routing Revisions DC

This change order covers finish work needed to negotiate around existing structure that was uncovered during summer demolition. Work includes ductwork routing changes that needed to occur due to existing structural conflicts, ductwork was revised from insulated type to double wall insulated since it will be exposed to view. Credits are provided by the mechanical contractor for the unused ductwork.

### I recommend approval of this request.

Attached Documents Include - Action item noted for each:

- G701-2017 Change Order 23 Cafeteria Ductwork Routing Revisions for Board Signature
- <u>CO 23 FACPAC Cafeteria Ductwork Routing Revisions</u> For Board Signature
- <u>COR-29 Cafeteria Duct Routing REV</u> No action for Board Reference.

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

BULLITT COUNTY PUBLIC SCHOOLS IS AN EQUAL EDUCATION AND EMPLOYMENT INSTITUTION



### Change Order

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

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

**CONTRACT INFORMATION:** 

Contract For: General Construction

Date: June 19, 2023

**ARCHITECT:** (Name and address) Studio Kremer Architects, Inc.

1231 S. Shelby Street Louisville, KY 40203 CHANGE ORDER INFORMATION:

Change Order Number: 023 Date: July 22, 2024

**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 #29 for scope of Work included in this Change Order.

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 new date of Substantial Completion will be

\$ 20,787,544.59 \$ -530,269.63 \$ 20,257,274.96 \$ 17,231.00 \$ 20,274,505.96

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.	Calhoun Construction Services, Inc.	Bullitt County Public Schools Board of Education
ARCHITECT (Firm name)	CONTRACTOR (Firm name)	OWNER (Firm name)
SIGNATURE	SIGNATURE	SIGNATURE
Catherine Noble Ward, AIA PRINTED NAME AND TITLE	Joel Pittard, Project Manager PRINTED NAME AND TITLE	Dr. Jesse Bacon, Superintendent PRINTED NAME AND TITLE
DATE	DATE	DATE

## **FACPAC Contract Change Order** Supplemental Information Form (Ref# 60342)

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

23

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

\$32,343.58

Remaining After All COs

\$1,229,418.02

This Requested Change Order Amount \$17,231.00

Change In A/E Fee This Change Order \$0.00

+/-

Change In CM Fee This Change Order \$0.00

Remaining Construction Contingency \$1,229,418.02

Balance

Contract Change Requested By

Architect/Engineer; General Contractor

Contract Change Reason Code

Found Condition; Improved Plans/Specs

Change Order Description And Justification

This change order covers finish work needed to negotiate around existing structure that was uncovered during summer demolition. Work includes ductwork routing changes that needed to occur due to existing structural conflicts, ductwork was revised from insulated type to double wall insulated since it will be exposed to view. Credits are provided by the mechanical contractor for the unused ductwork.

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.

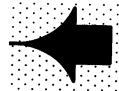
D. Aur.		
<b>Detail Item</b> Labor	Amount	Percent of Total
Materials	\$4,759.55	27.62%
Profit and Overhead	\$10,037.23	58.25%
Bond Insurance	\$2,263.22	13.13%
Cost Breakdown Total:	\$171.00	0.99%
Cost for this Change Order course of 1	\$17,231.00	

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.

Date

Architect	Date
Construction Manager	Date
Lesa Lemis	7-19:2024



about:blank

Local Board of Education Designee

## Change Order Request 29 - PCO #77 - RFP-20 Cafeteria Duct Routing

622-Bernheim Middle School Renovation 6/25/2024



Summary of Work

RFP-20 Cafeteria Duct Routing

Scope -	Subcontractor	Description of Scope			Cost
1	Bernheim Middle School Renovation				\$16,248.00
1,1	Structural Steel Framing - Independent -	RFP-20 - No Cost Change		\$0.00	
1.2	Quantum Install -	RFP-20 Cafeteria Duct Routing; Add Break Metal		\$285.00	
1.3	Int Drywall & Framing Material - CCS Interiors -	RFP-20 - No Cost Change		\$0.00	
1.4	Sprinklers - Dalmatian -	RFP-20 - No Cost Change		\$0.00	
1.5	HVAC - Lusk -	RFP-20 Cafeteria Duct Routing		\$15,963.00	
1.6	Electrical - KES -	RFP-20 No Cost Change		\$0.00	
					\$16,248.00
			Fee Bond	5.00% 1.00%	\$812 \$171
	•		Total An	nont	\$17,231

Approved By:		Jonga G. Lyus	Submitted By:
Date:		 6/25/2024	Date:



### The Lusk Group

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

June 12, 2024

Project: Bernheim Middle School Change Order Request #8 RFP-20

Attn: Joel Pittard

Please find our change order request below for the hvac changes shown in RFP20.

\$13,611.46 material add

\$-3,859.23 material deduct

\$ 5,865.00 labor 69 hrs @ 85.00 per hr.

\$- 1,105.00 labor 13 hrs @ 85.00 per hr deduct

\$14,512.23 cost

\$ 1,451.22 O&P 10%

### \$ 15,963.45 Total Change Order Request

Excluded in price: Architectural cut & patch

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: 6/12/2024 9:16:32 AM

Full Recaps Lusk Group

**Project Name:** 

(1107) Bernheim Middle School

**Bid Date:** 

Base Bid/Alternate:

Alt. Bid: RFP20 ADD

Scopes included:

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

### **Project Calculation Log**

Calculations date: 6/12/2024 9:15:27 AM

There are errors in the calculation log. Rerun calculations after these problems are addressed.

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: 5588 - Items processed: 6779

Errors: 6, Warnings: 1, Hints: 1

Name: Full Recaps

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### Recap Report Full Recaps Project Grand Totals

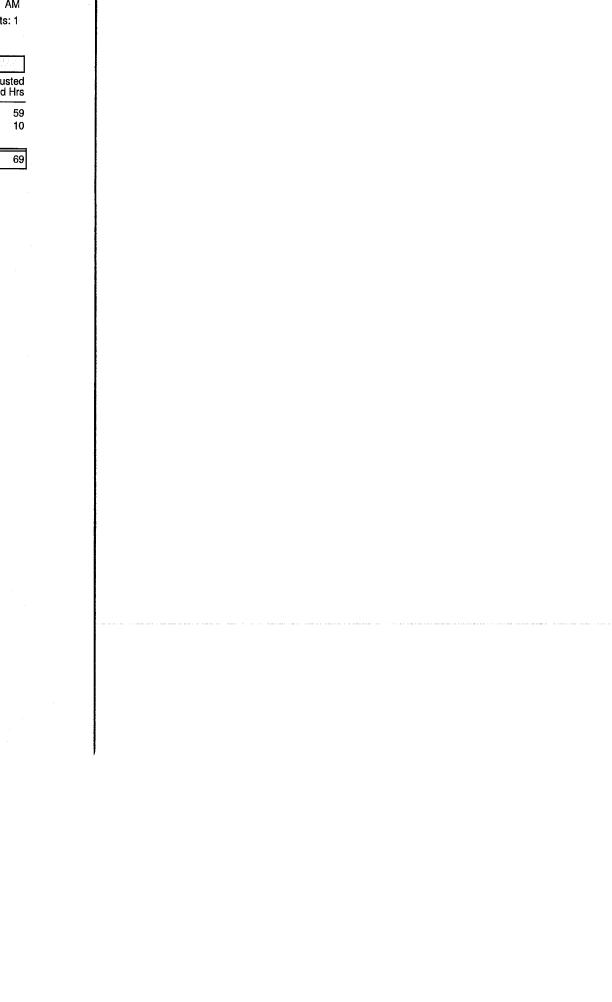
6/12/2024 9:16:31 AM Errors: 6, Warnings: 1, Hints: 1

Bernheim Middle School

Description		Material			Labor		
	Weight (lb)	Weight w/ wst	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Ductwork Other Labor	1,966	1,976	<del>-\$230</del>	5 5	5 5	59 10	59 10
Grand Total	1,966	1,976	<u>\$230*</u>	10	10	69	69

\* Excludes Quotes x 6.53 \$12,841.00

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Recap Report
Full Recaps
Ductwork Totals

6/12/2024 9:16:30 AM Errors: 6, Warnings: 1, Hints: 1

Bernheim Middle School

Description		Material			Labor		
Material	Weight (lb)	Weight w/ wst	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Galvanized	1,966	1,976	\$230	 5	5	59	59
Total	1,966	1,976	\$230	5	5	59	59

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## Recap Report Full Recaps Ductwork (Material Totals)

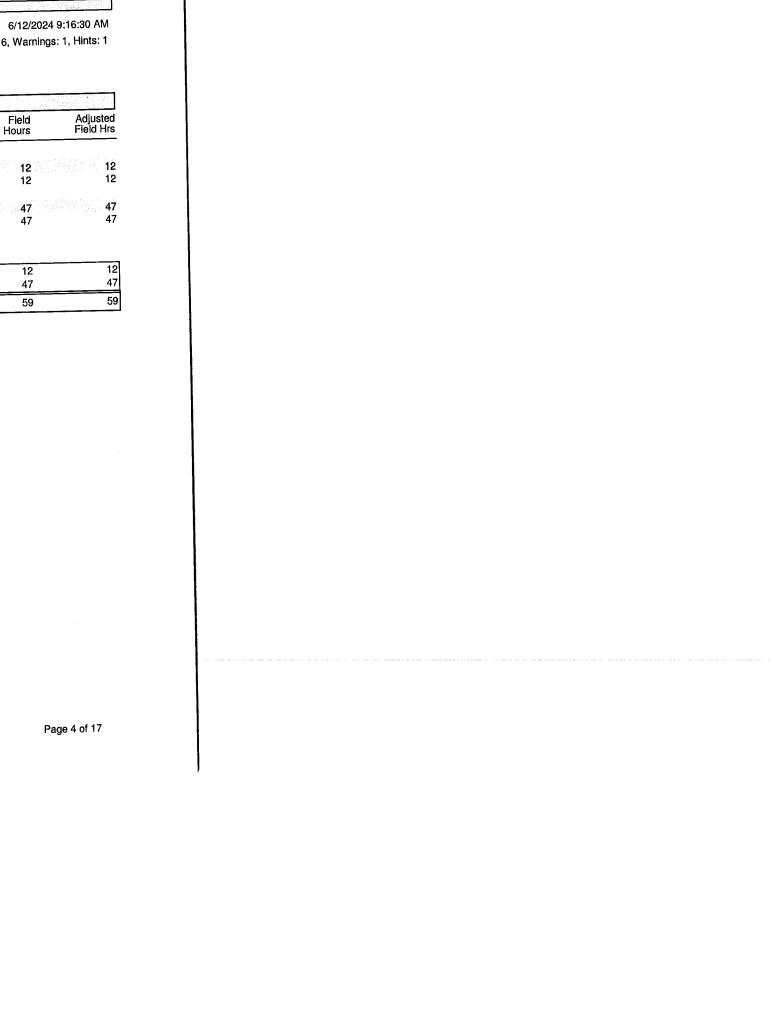
Errors: 6, Warnings: 1, Hints: 1

Bernheim Middle School

Ga	l٠,	an	i٦	۵	4

	Massalal			Labor		
Weight (lb)	Weight w/ wst	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
173 173	183 183	<b>\$83</b> \$83	5 (5)	5 5	12 12	12 12
1,793 1,793	1,793 1,793	\$147 \$147			47 47	47 47
173	183	\$83	5	5	12 47	12 47
	1,793	\$230	5	5	59	59
	(lb) 173 173 1,793 1,793	(lb) w/ wst  173 183 173 183 1,793 1,793  1,793 1,793  1,793 1,793	Weight (lb)         Weight w/ wst         Total Cost (Material)           173         183         \$83           173         183         \$83           1,793         1,793         \$147           1,793         1,793         \$147           173         183         \$83           1,793         1,793         \$147	Weight (lb)         Weight w/ wst         Total Cost (Material)         Shop Hours           173         183         \$83         5           173         183         \$83         5           1,793         1,793         \$147         0           1,793         1,793         \$147         0           1,793         1,793         \$147         0           1,793         1,793         \$147         5           1,793         1,793         \$147         5	Weight (lb)         Weight w/ wst         Total Cost (Material)         Shop Hours         Adjusted Shop Hrs           173         183         \$83         5         5           173         183         \$83         5         5           1,793         1,793         \$147         0           173         183         \$83         5         5           1,793         1,793         \$147         0         5           1,793         1,793         \$147         5         5	Weight (lb)         Weight (lb)         Total Cost (Material)         Shop Hours         Adjusted Shop Hrs         Field Hours           173         183         \$83         5         5         12           173         183         \$83         5         5         12           1,793         1,793         \$147         0         47           1,793         1,793         \$147         0         47           173         183         \$83         5         5         12           1,793         1,793         \$147         0         47         47           1,793         1,793         \$147         5         5         5         59

Lusk Group

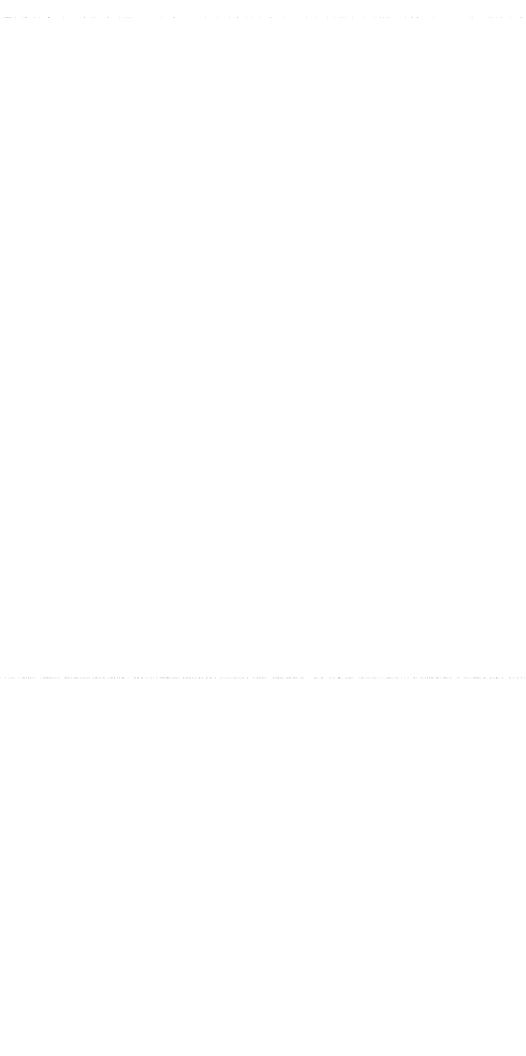


6/12/2024 9:16:26 AM Errors: 6, Warnings: 1, Hints: 1

Bernheim Middle School

Description					M	aterial		<u> </u>	المامال	Total Cost	Shop	Adjusted	Field	Adjusted Field Hrs
Description	Quantity	% of Qty	Length (ft)	Area (sq ft)	Area w/ wst	Avg. wt/each	Weight (lb)	Weight w/ wst	Unit Cost	(Material)	Hours	Adjusted Shop Hrs	Hours	Field Hrs
Duct and Fittings Summary Coupling-Male	20 20	100%		56 56	59 59	7.24	1 <u>45</u> 145	152 152		\$43 43	4	4	3	3
Duct and Fittings Summary	20			00									_	
Duct and Fitting Welds  Continuous			<u>10</u> 10								1	1	0	
Duct and Fitting Welds			10											
Connectors and their Reinforcing  Connectors	20_	_,									0		0	
Connectors and their Reinforcing	20													
Hangers Lower/Vertical Support	29						29	32		\$13 \$7	0 0		6 0 6	(
Upper Support	29						29	32		20			Ŭ	
Hangers											_		2	
Sealer, Flex Connectors and Turning Vanes Sealer			206 206				<del></del>			\$20 20	0		3	
Sealer, Flex Connectors and Turning Vanes			200											
						<u></u>	173	183		\$83	5	5	12	. 1

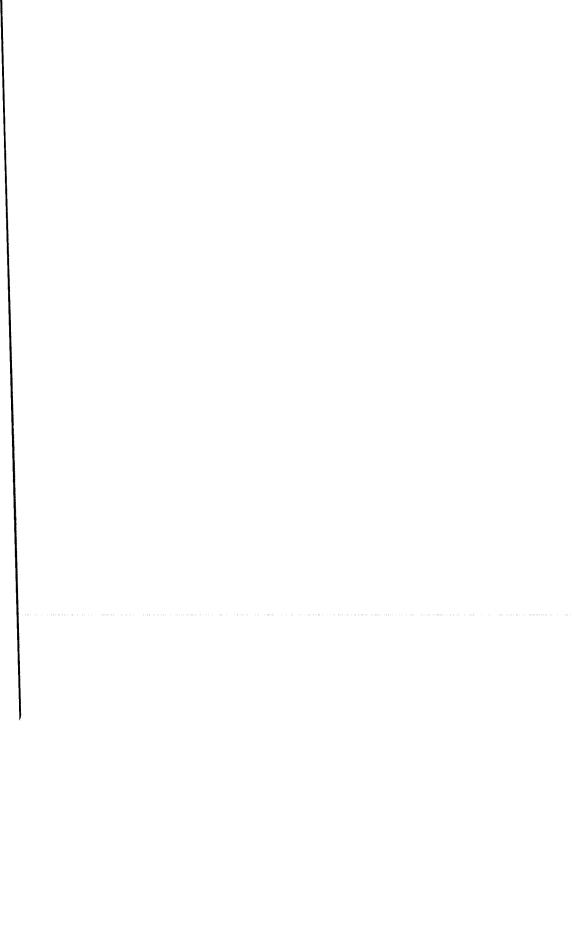
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Description					Material	Weight	Weight	L Total Cost	Shop	Labor Adjusted	Field	Adjusted Field Hrs
uct and Fittings ummary (Doublewall)	Quantity	Waste %	Length (ft)	Area (sq ft)	Area w/ wst	(lb)	w/ wst	(Material)	Hours	Shop Hrs	Hours	- Tela i iii
Galv/Perf 2" DW Fittings Coupling-Male 16 18	7.00 13.00	5% 5%		18.33 37.44	19.24 39.31	47.30 97.41	49.66 102.28	\$14.00 \$28.84	1.53 2.83	1.53 2.83	0.97 1.81	0.9 1.8
				56	59	145	152	\$43	4	4	3	

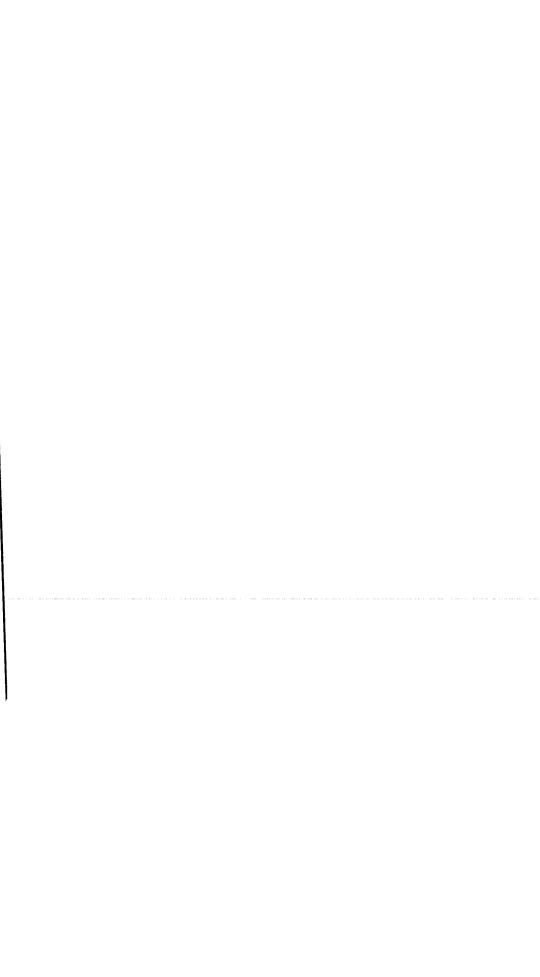
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6/12/2024 9:16:25 AM Errors: 6, Warnings: 1, Hints: 1

Bernheim Middle School Galvanized (Fabricated) Round - GV/Perf DW-Q					M	aterial						Lab		
Description		Masta	Length	Area	Area	Weight	Weight	Weight	Unit Cost	Total Cost (Material)	Shop Hours		Field Hours	
Duct and Fittings Material (Doublewall)	Quantity	Waste %	(ft)	(sq ft)	w/ wst	Factor	(lb)	w/ wst		(Matorial)				
Fittings														
Outer Wall [Galvanized] Coupling-Male	20.00	5%		55.76	58.55	1.66	92.34	96.96	\$0.276	\$26.76				
Inner Wall [Galvanized] Coupling-Male ব্যক্তির	20.00	5%		45.29	47.56	1.16	52.36	54.97	\$0.292	\$16.08		· ·	_;	
				56	59		92	97		\$27				
Outer Wall [Galvanized]	20			45	48		52	55		<u>\$16</u>				<del></del>
Inner Wall [Galvanized]	20			101	106		145	152		\$43				
Total	40	<u>'</u>							-					

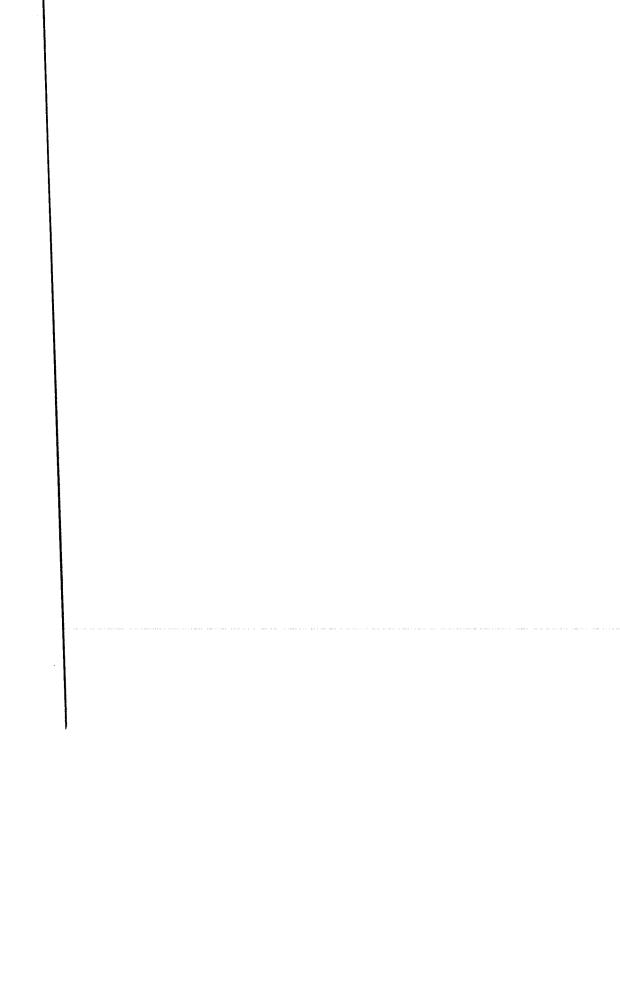
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6/12/2024 9:16:25 AM Errors: 6, Warnings: 1, Hints: 1

Description  Duct and Fitting Welds (Doublewall)  Continuous Fitting Seam	Length (ft) 10.00 10.00	Material	Total Cost (Material)	Shop Hours 0.71 0.71	Adjusted Shop Hrs 0.71 0.71	Field Hours 0.00	Adjusted Field Hrs
				1	11		

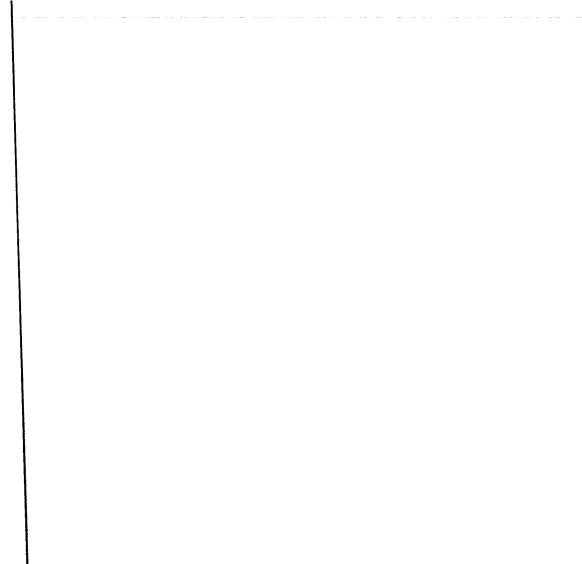
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6/12/2024 9:16:26 AM Errors: 6, Warnings: 1, Hints: 1

Description		Waste	Length	Length	Material Weight	Weight	Weight	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjuste Field H
onnectors nd their Reinforcing (Doublewall)	Quantity	wasie %	(ft)	w/ wst	Factor	(lb)	w/ wst		(Matorial)		•		
Connectors										0.00		0.00	
Coupling - Male #10 Fast PenetrScrw: 1/2	18.00 <i>263.00</i>				in de la companya de La companya de la co		ering on again			0.00		0.00	
#10 Fast Penetrocry: 1/4	and the second s												
MaleSlip Connection	2.00 <i>9.00</i>		and the second second										

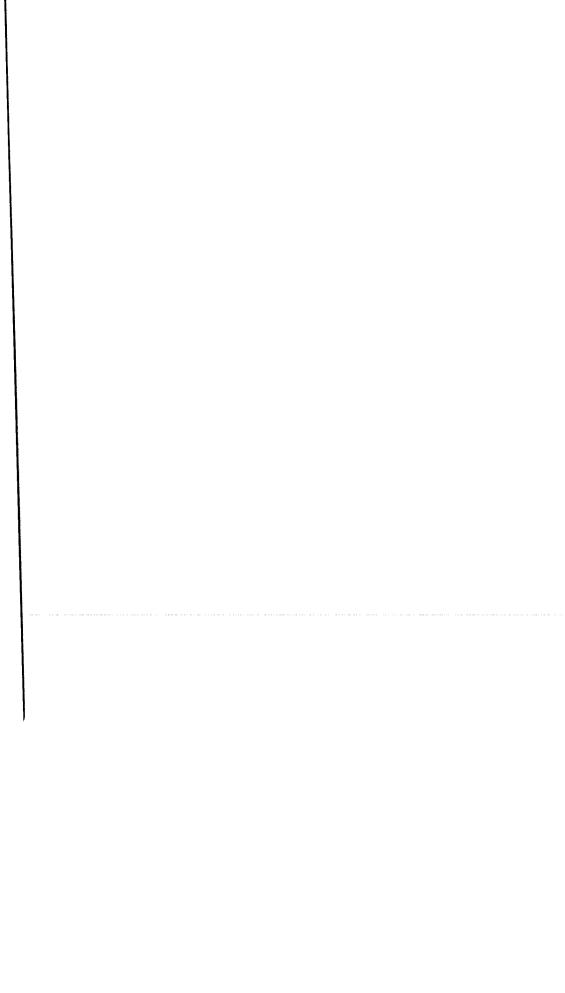
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6/12/2024 9:16:26 AM Errors: 6, Warnings: 1, Hints: 1

lound - GV/Perf DW-Q					2 1 1 1 1 1 1 1		karangan sahi		당하다 됐다		Labo	or	
Description	Quantity	Waste %	Length (ft)	Length w/ wst	Material Weight Factor	Weight (lb)	Weight w/ wst	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjuste Field Hr
angers (Doublewall)  Dwer/Vertical Support Galv1x22ga StrapRnd Galvanized Strap: 1 x 22ga Zinc Chromate Nuts: 1/4	29.00 29.00 58.00	10%	244.55	<i>2</i> 69.01	0.12	28.65 28.65	31.52 <i>31.52</i>	\$0.032 \$0.030 \$0.050	\$13.33 <i>\$8.69</i> <i>\$1.74</i> <i>\$2.90</i>	0.12 <i>0.12</i>	0.12 0.12	6.32	6.3
ZincChromatePltdBlt: 1/4 x 3/4 lpper Support Strap Attachment (Bar Joists) Zinc Chromate Nuts: 3/8 ZincChromatePltdBlt: 3/8 x 1/2	58.00 29.00 29.00 29.00						Perker	\$0.130 \$0.100	\$6.67 \$3.77 \$2.90	0.00		0.00	
						29	32		\$13			6	
Lower/Vertical Support	29								\$7				
Upper Support	29					29	32		\$20			6	

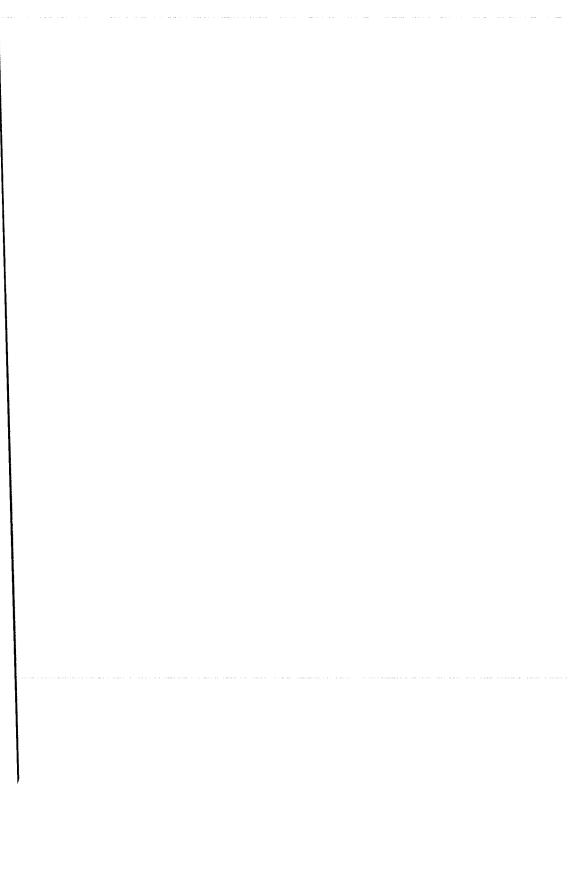
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6/12/2024 9:16:26 AM Errors: 6, Warnings: 1, Hints: 1

Round - GV/Perf DW-Q  Description	Z WARTY				Material Weight	Weight	Weight	Unit	Total Cost	Shop	Adjusted	Field Hours	Adjusted Field Hrs
Sealer, Flex Connectors and Turning Vanes (Doublewall)	Quantity	Waste %	Length (ft)	Length w/ wst	Factor	(lb)	w/ wst	Cost	(Material)	Hours	Shop Hrs		11610 1110
Sealer Transverse-WB (Transverse) Duct Sealer-WB: Gallon Membrane/Tape: 3	0.69		205.51 205.51 205.51	205.51 205.51				\$17.760 \$0.040	\$20.39 \$12.17 \$8.22	0,00		2.72	2.72
			206						\$20			3	

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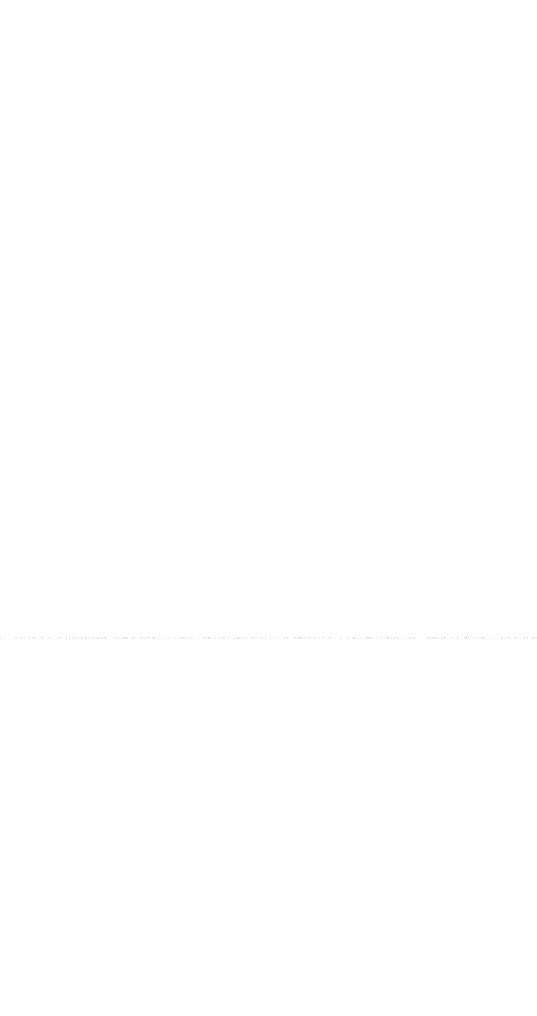


6/12/2024 9:16:30 AM Errors: 6, Warnings: 1, Hints: 1

Bernheim Middle School

Round - GV/Perf DW-Q (Doublewal	')		41.V 1 5.1		Material					Labo	)r	
Description	Quantity	% of Qty	Length (ft)	Area (sq ft)	Avg. wt/each	Weight (lb)	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Duct and Fittings Elbow-90 Reducer-Concentric Spiral Lock - Grooved Flat Lock Duct and Fittings	16 2 6	67% 8% 25%	100	392 7 617	52.94 9.28 154.54	847 19 <u>927</u> 1,793			0 0 0		27 2 18 47	27 2 18 4
Treatment Outer Treatment Treatment	<u>5</u>			949 949				<u>\$147</u> 147	0		0	
			=			1,793		\$147			47	4

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6/12/2024 9:16:29 AM Errors: 6, Warnings: 1, Hints: 1

Round - GV/Perf DW-Q			441.5 A 1.4	Material			Labor		Adjusted
Description		l enath	Area	Weight (lb)	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Hours	Adjusted Field Hrs
ouct and Fittings (Doublewall)	Quantity	Length (ft)	(sq ft)	(10)					
Galv/Perf 2" DW									
Fittings									
Elbow-90						0.00		10.02	10.02
20 ga	6.00		130.28	280.01		0.00		16.70	16.7
16	10.00		261.76	566.98					
18	10.00								
Reducer-Concentric				10.57		0.00		2.12	2.1
20 ga	2.00		7.44	18.57					
18, 16									
Duct Consum Line Look									
Spiral Lock - Grooved Flat Lock				440.52		0.00		9.03	9.0 9.0
24 ga	3.00	50.00	293.79	486.73		0.00		9.03	9.0
16 18	3.00	50.00	323.17	-100110					
10								27	2
			392	847				2	
Elbow-90	16 2		7	19				18	
Reducer-Concentric	6	100	617	927				47	
Spiral Lock - Grooved Flat Lock		100	1,016	1,793					
Total	24	100	.,010						

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6/12/2024 9:16:29 AM Errors: 6, Warnings: 1, Hints: 1

Round - GV/Perf DW-Q				Material					Labo		
Description		Length	Area (sq ft)	Weight Factor	Weight (lb)	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjuste Field H
reatment (Doublewall)	Quantity	(ft)	(3417)								
Galv/Perf 2" DW Outer Treatment Black Primer-Shop Duct Fittings	3.14 2.28		549.78 399.48			\$24.633 \$24.633	\$85.13 \$61.85	0.00 0.00		0.00 0.00	
			949				\$147				

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### Recap Report Full Recaps Other Labor Totals

6/12/2024 9:16:31 AM Errors: 6, Warnings: 1, Hints: 1

Bernheim Middle School  Description	Material Weight	Shop Hours	Labor Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Detailing	Weight (lb)	5 0	5	0 10	10
Material Handling  Total		5	5	10	10

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Lusk Group



# Recap Report Full Recaps Other Labor (Section Details)

6/12/2024 9:16:31 AM Errors: 6, Warnings: 1, Hints: 1

			Office Tarmer /	j.			and the second of the	Switz Co. Co.
Bernheim Middle School  Description		Longth	M: Area	/aterial	Sho			Adjusted ield Hrs
Detailing  Round and Flex Duct	Quantity 6.00 18.00	Length (ft) 100.00	(sq ft) 616.95 399.48		1.3 3.3		0.00	
Round Fitting  Total	24	100	1,016			5 5		

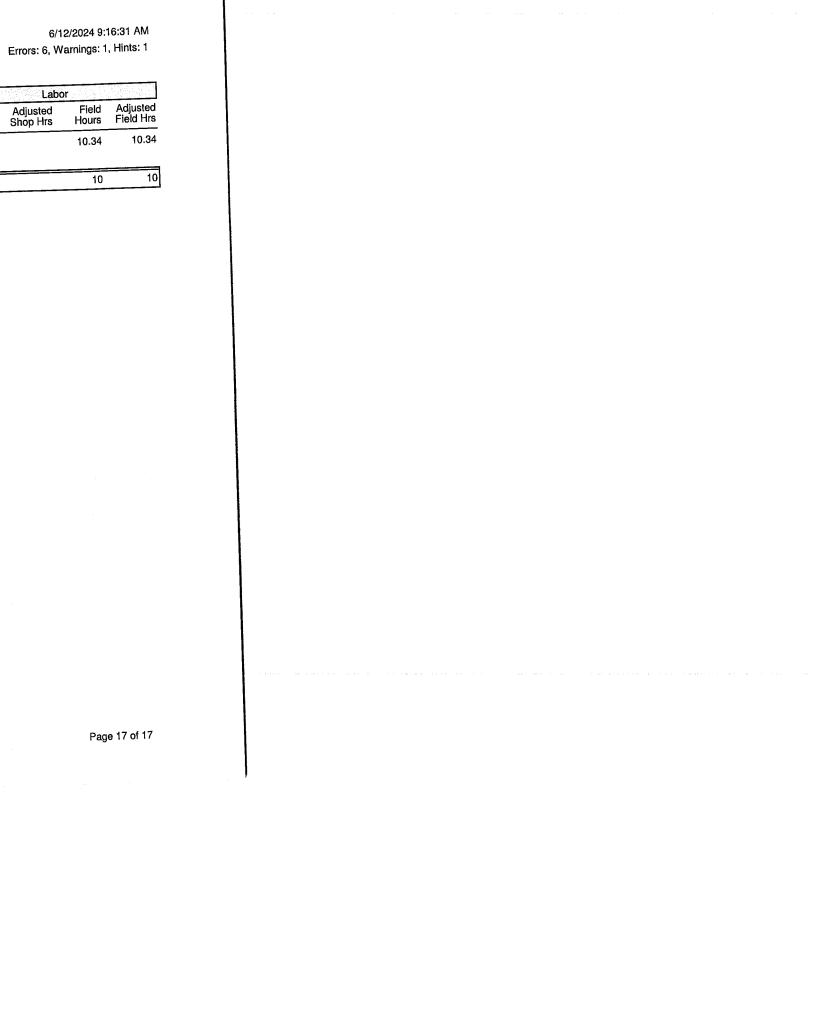
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\	

# Recap Report Full Recaps Other Labor (Section Details)

Bernheim Middle School						Labor		
Description		Length	Area	Material Weight (lb)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Material Handling	Quantity	(ft)	(sq ft)	1,937.51	0.00		10.34	10.34
Round Ductwork	44.00	169.67	1,867.88	1,837.31				
			1.000	1,938			10	10
Total	44	170	1,868					

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Recap Report Full Recaps

Lusk Group

Printed: 6/12/2024 9:19:22 AM

Project Name:

(1107) Bernheim Middle School

**Bid Date:** 

Base Bid/Alternate:

Alt. Bid: RFP20 Deduct

Scopes included:

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

### **Project Calculation Log**

Calculations date: 6/12/2024 9:15:27 AM

There are errors in the calculation log. Rerun calculations after these problems are addressed.

Calculations were run with AutoBid version: 2021.1.0

Labor Book: Lusk Group Labor Book

Wage Table: Denver 2002

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

Duct/fitting labor: is adjusted for aspect ratio
Using insulation; Using treatment

NOT looking up tap material thickness separate from body/reducer

TakeOff lines: 5588 - Items processed: 6779

Errors: 6, Warnings: 1, Hints: 1

Name: Full Recaps

Page 1 of 14

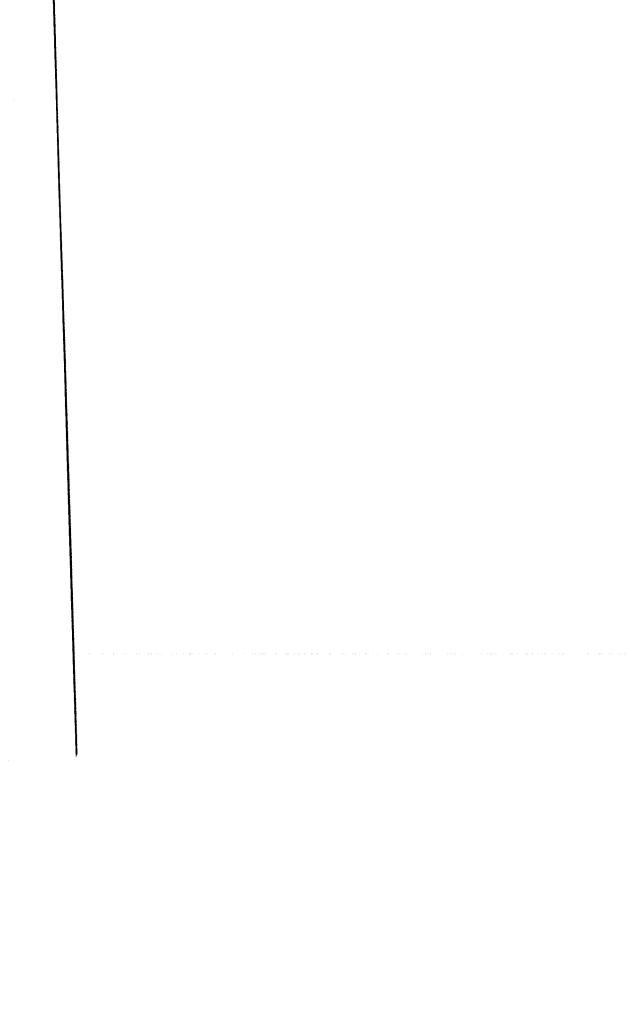

# Recap Report Full Recaps Project Grand Totals

6/12/2024 9:19:22 AM Errors: 6, Warnings: 1, Hints: 1

							1997 10 10 12 20 11 19
Bernheim Middle School  Description	Weight	Material Weight	Total Cost	Shop Hours	Labor Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
	(lb)	w/ wst	(Material)		- Chief the	13	13
Ductwork	591	592	\$61	1	1	1	1
Other Labor			\$61 *	1	1	13	13
Grand Total	591	592	φυι				
	х 6.53 \$2.850.23						

x 6.53 \$3,859.23 \* Excludes Quotes

Page 2 of 14 Lusk Group

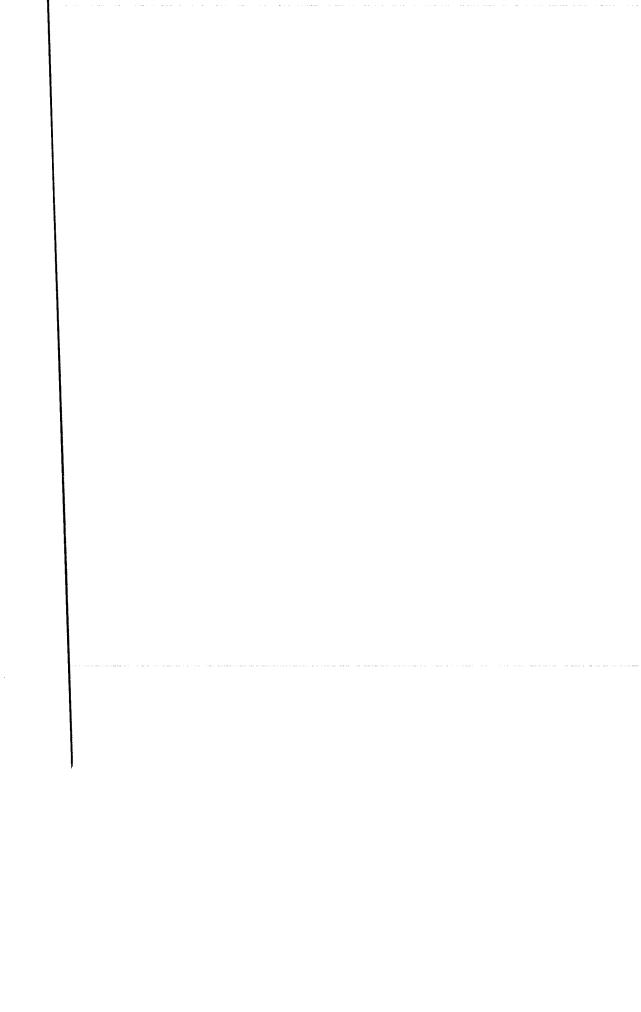


## Recap Report Full Recaps Ductwork Totals

6/12/2024 9:19:21 AM Errors: 6, Warnings: 1, Hints: 1

Bernheim Middle School					Labor		
Description	Weight	Material Weight w/ wst	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Material	(lb) 591		\$61	0		13	13
Galvanized	591					13	13
Total	591	592	\$61				

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Lusk Group



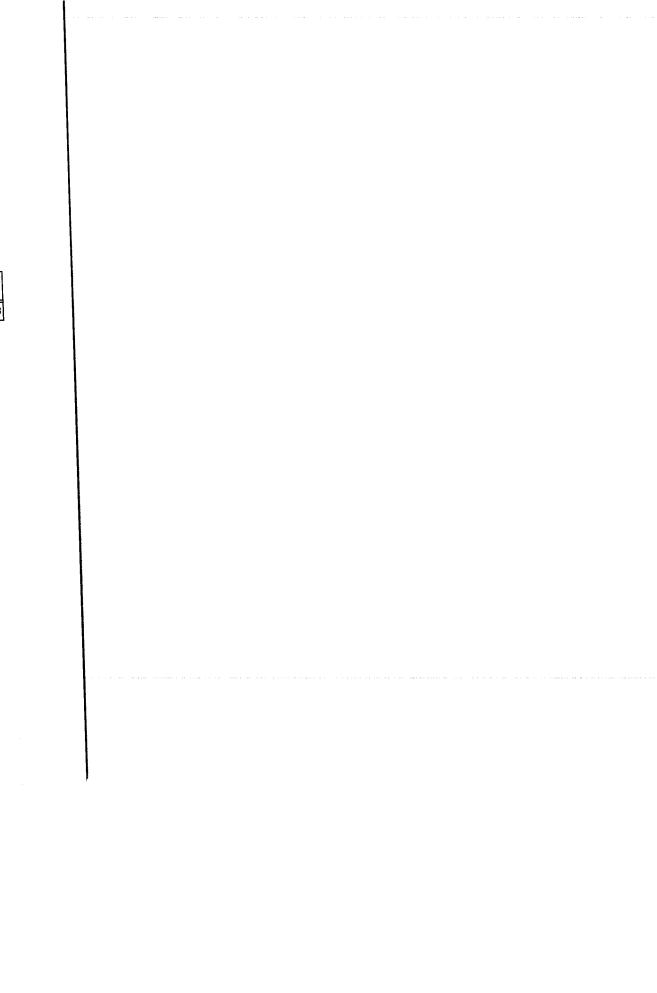
# Recap Report Full Recaps Ductwork (Material Totals)

6/12/2024 9:19:21 AM Errors: 6, Warnings: 1, Hints: 1

Bernheim Middle School

Galvanized					Labor		
Description	Weight (lb)	Material Weight w/ wst	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
-abricated Round		8 ************************************	**************************************	0		2	2 2
GV/Perf DW-Q Quoted Round GV/Perf DW-Q			\$54 \$54	0		11 11	11 11
Estated	7	8	\$7 \$54			2 11	1
Fabricated Quoted Total	584 591	584 592	\$61			13	1

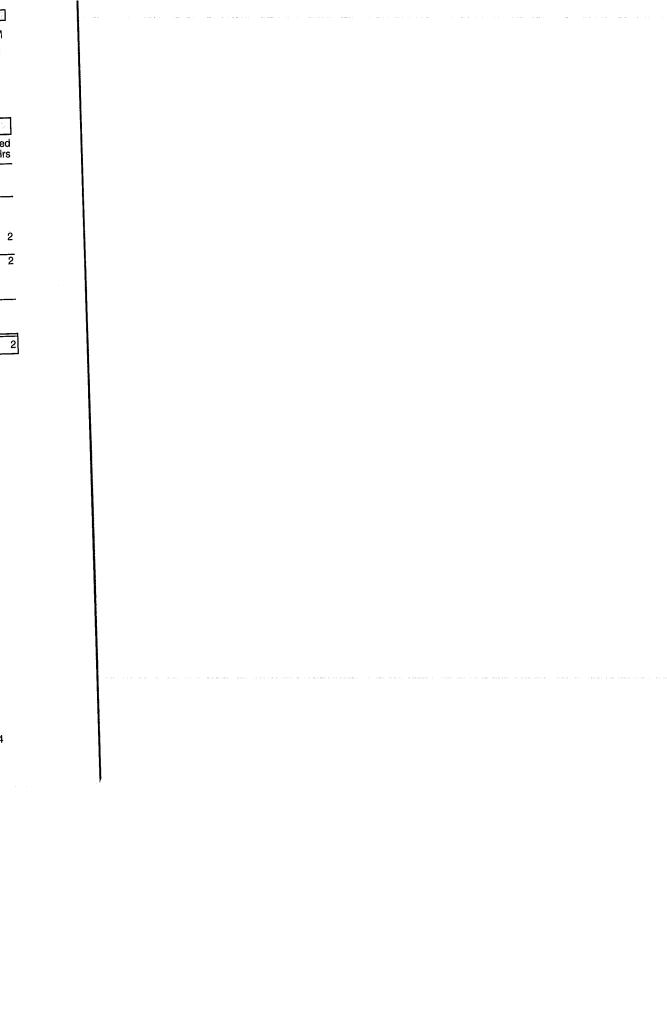
Page 4 of 14
Lusk Group



6/12/2024 9:19:15 AM Errors: 6, Warnings: 1, Hints: 1

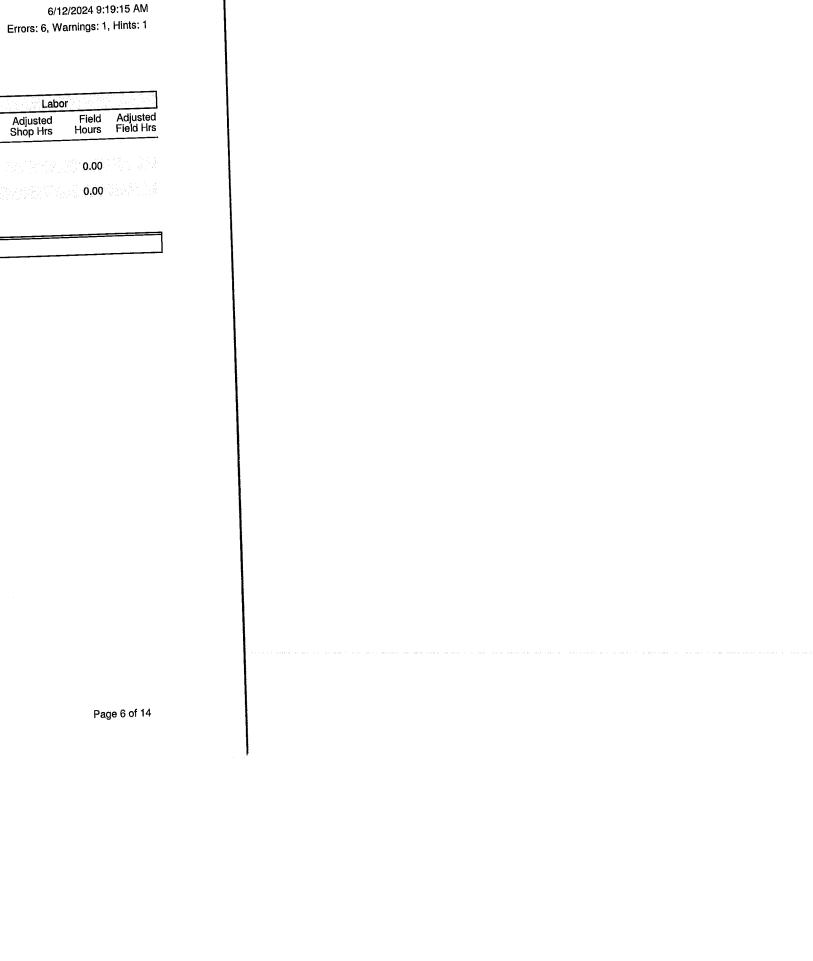
Description	l)	% of Qty	Length (ft)	Area (sq ft)	Area	aterial Avg. wt/each	Weight (lb)	Weight w/ wst	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
	Quantity												0	
Connectors and their Reinforcing  Connectors	3										0_		0	
Connectors and their Reinforcing	3												0	
Hangers Lower/Vertical Support	7						7	8		\$3 \$2	0 0	<del>.</del>	0 2	
Upper Support	7_						7	8		5				
Hangers										40	0		0	
Sealer, Flex Connectors and Turning Vanes Sealer			<u>26</u> 26							\$3 3	0			
Sealer, Flex Connectors and Turning Vanes			20											
					· 		7	8		\$7			2	

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ound - GV/Perf DW-Q  Description		Waste	Length	Length	Material Weight	Weight	Weight	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjuste Field Hr
nnectors d their Reinforcing (Doublewall)	Quantity	%_	(ft)	w/ wst	Factor	(lb)	w/ wst						rau sv
onnectors	20 20 20 20 20 20 20 20 20 20 20 20 20 2		uga gamaniya	erani etek ili d						0.00		0.00	
Coupling - Male #10 Fast PenetrScrw: 1/2	2.00 <i>30.00</i>				4 1	4.77. 可数形成的				0.00	TERROR PA	0.00	
#10 Fast Perieusulw. 1/2	1.00						2. 3% - 1585 TW						

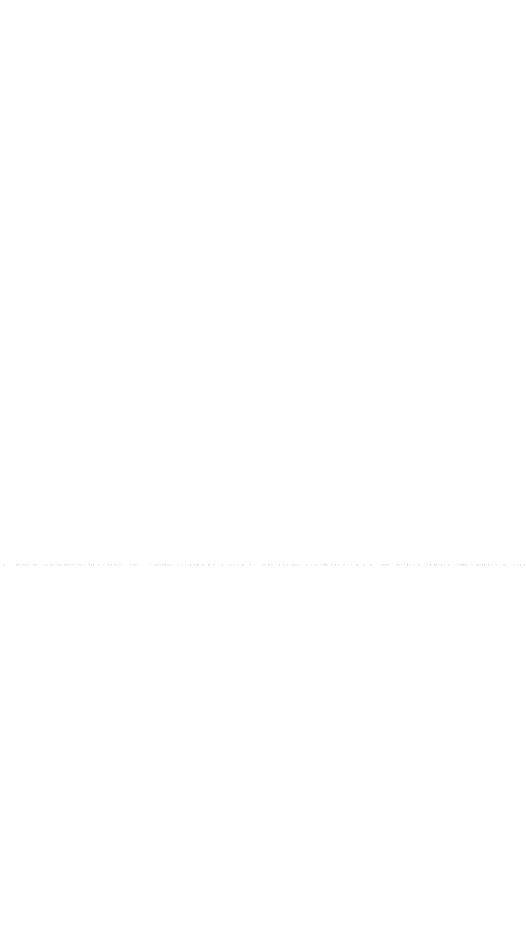
Page 6 of 14 Lusk Group



6/12/2024 9:19:15 AM Errors: 6, Warnings: 1, Hints: 1

Round - GV/Perf DW-Q			<del>en santala</del>		Material						Lab		Adjuste
Description		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	Adjuste Field Hr
langers (Doublewall)	Quantity	<del></del>								6.00	0.03	1.53	1.5
ower/Vertical Support Galv1x22ga StrapRnd Galvanized Strap: 1 x 22ga Zinc Chromate Nuts: 1/4	7.00 7.00 14.00	10%	60.15	66.17	0.12	7.05 7.05	7.75 7.75	\$0.032 \$0.030 \$0.050	\$3.26 \$2.14 \$0.42 \$0.70	0.03 <i>0.03</i>	0.03		
ZincChromatePitdBlt: 1/4 x 3/4	14.00					and the river			\$1.61	0.00		0.00	
Jpper Support Strap Attachment (Bar Joists) Zinc Chromate Nuts: 3/8	7.00 <i>7.00</i>					N. P. P. P. M. P. P.		\$0.130 \$0.100	\$0.91 \$0.70				
ZincChromatePltdBlt: 3/8 x 1/2	7.00												
						7	8		\$3			2	
Lower/Vertical Support	7					<del>`</del>			\$2				
Upper Support	7						8		\$5			2	

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6/12/2024 9:19:15 AM Errors: 6, Warnings: 1, Hints: 1

(lb)	w/ wst	Cost	(Material)	Hours	Adjusted Shop Hrs	Hours	Adjuste Field H
		\$17.760 \$0.040	\$2.57 \$1.53 \$1.04	0.00		0.34	0.
		etjas ten 1849 (1948) T		\$17.760 \$1.53 \$0.040 \$1.04	\$17.760 \$1.53 \$0.040 \$1.04	\$17.760 \$1.53 \$0.040 \$1.04	\$17.760    \$1.53

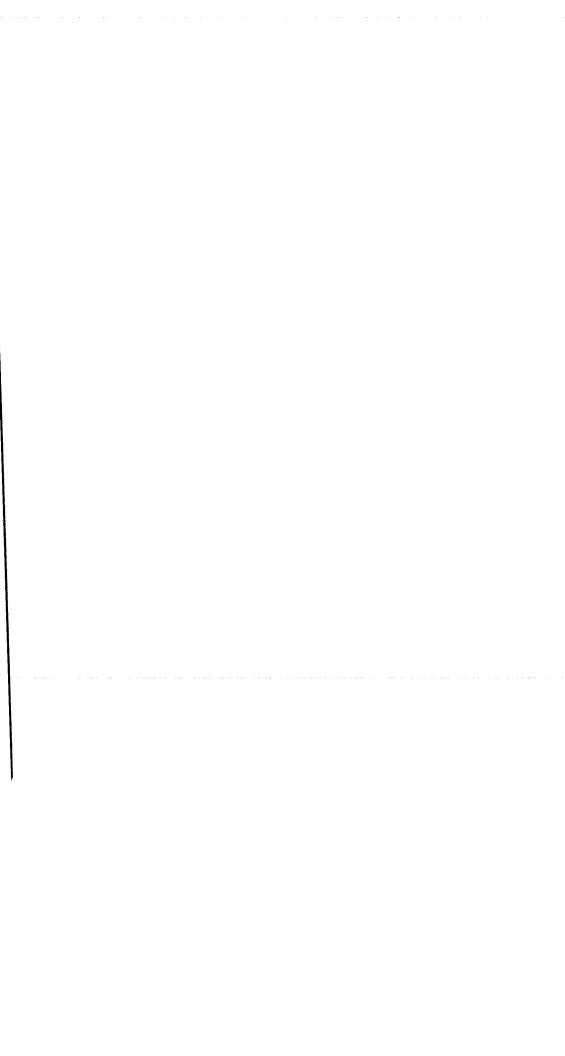
Page 8 of 14 Lusk Group



6/12/2024 9:19:20 AM Errors: 6, Warnings: 1, Hints: 1

Description	ewall)	% of	Length	Area	Material Avg.	Weight	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
	Quantity	Qty	(ft)	(sq ft)	wt/each	(lb)		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
uct and Fittings Spiral Lock - Grooved Flat Lock	3	100%	60	388	194.77	<u>584</u> 584			0_		<u>11</u> 11	1
uct and Fittings reatment Outer Treatment reatment	2			346 346				<u>\$54</u> 54	0		0	

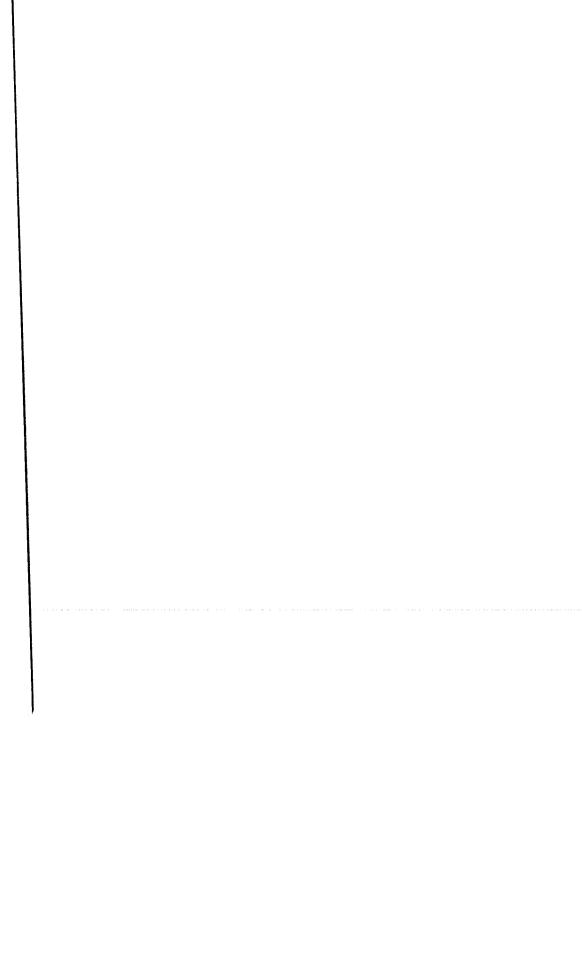
Page 9 of 14 Lusk Group



6/12/2024 9:19:19 AM Errors: 6, Warnings: 1, Hints: 1

ernheim Middle School alvanized (Quoted) ound - GV/Perf DW-Q							Labor		
Description		Length	Area (sq ft)	Material Weight (lb)	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
uct and Fittings (Doublewall)	Quantity	(ft)	(54 11)						
alv/Perf 2" DW									
Duct Spiral Lock - Grooved Flat Lock									40.6
24 ga	3.00	60.00	387.96	584.32		0.00		10.83	10.8
18	5							11	
		60	388	584					

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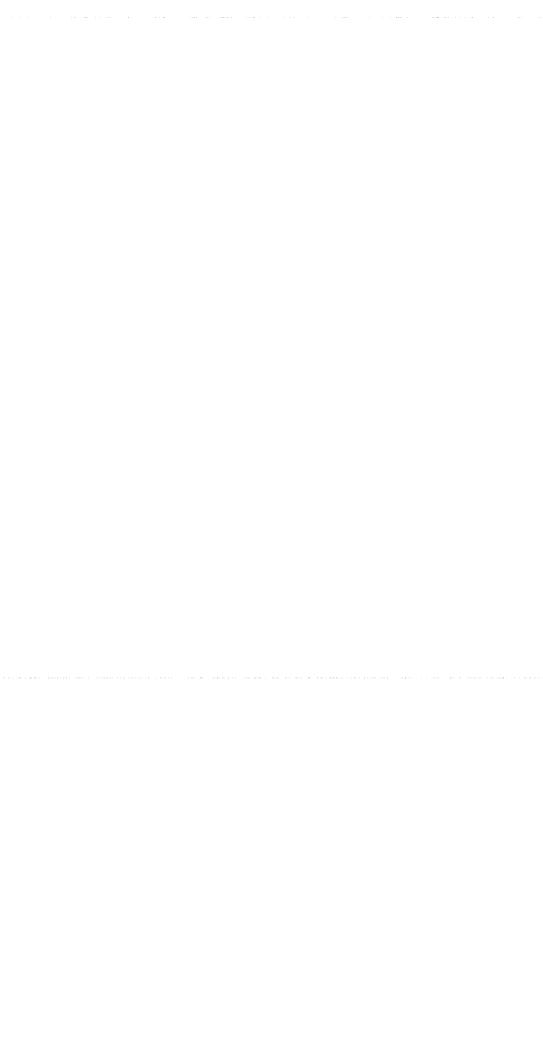


Errors: 6, Warnings: 1, Hints: 1

6/12/2024 9:19:20 AM

Bernheim Middle School Galvanized (Quoted) Round - GV/Perf DW-Q				Material				Olam	Labo	or Field	Adjusted
Description Treatment (Doublewall)	Quantity	Length (ft)	Area (sq ft)	Weight Factor	Weight (lb)	Unit Cost	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Hours	Adjusted Field Hrs
Galv/Perf 2" DW Outer Treatment Black Primer-Shop Duct	1.97		345.58			\$24.633	\$53.51	0.00	·	0.00	
Total	2		346				\$54				

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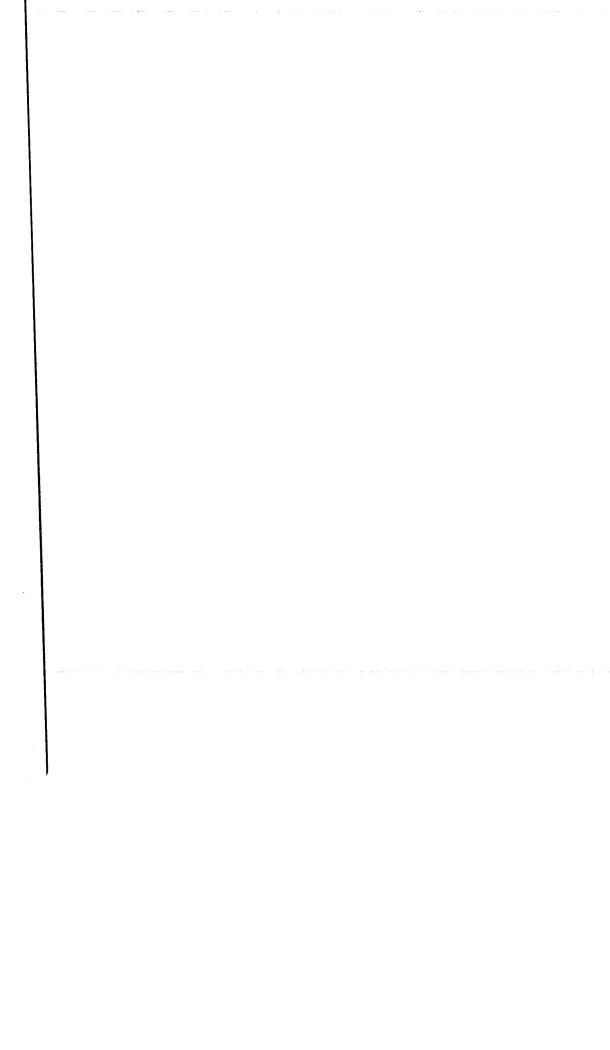


### Recap Report Full Recaps Other Labor Totals

6/12/2024 9:19:22 AM Errors: 6, Warnings: 1, Hints: 1

Bernheim Middle School			Labor		
Description	Material Weight (lb)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Detailing		1 0	1	0	1
Material Handling	584	1	11	1	1
Total					

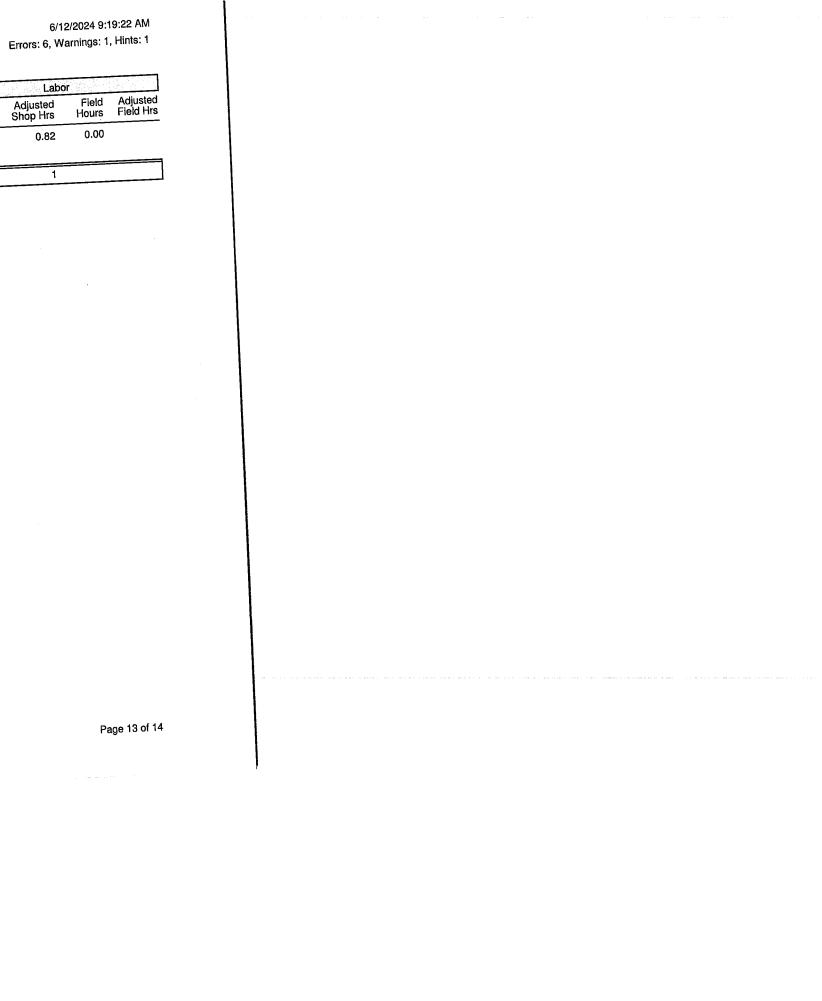
Page 12 of 14
Lusk Group



Recap Report
Full Recaps
Other Labor (Section Details)

			Office Education				The second second second second	10.00	V V
							Labor	9.5	
Bernheim Middle School			Mater	lal	<u> Baraga ay na kataban 1988 lata</u>	Shop	Adjusted Shop Hrs	Field	Adjusted Field Hrs
Description		Length	Area			Hours	Shop Hrs	Hours	
Out	antity	Length (ft)	(sq ft)			0.82	0.82	0.00	
Detailing		60.00	387.96						
Round and Flex Duct	3.00	00.00					1		
			000						
	3	60	388		<del></del> _				
Total									

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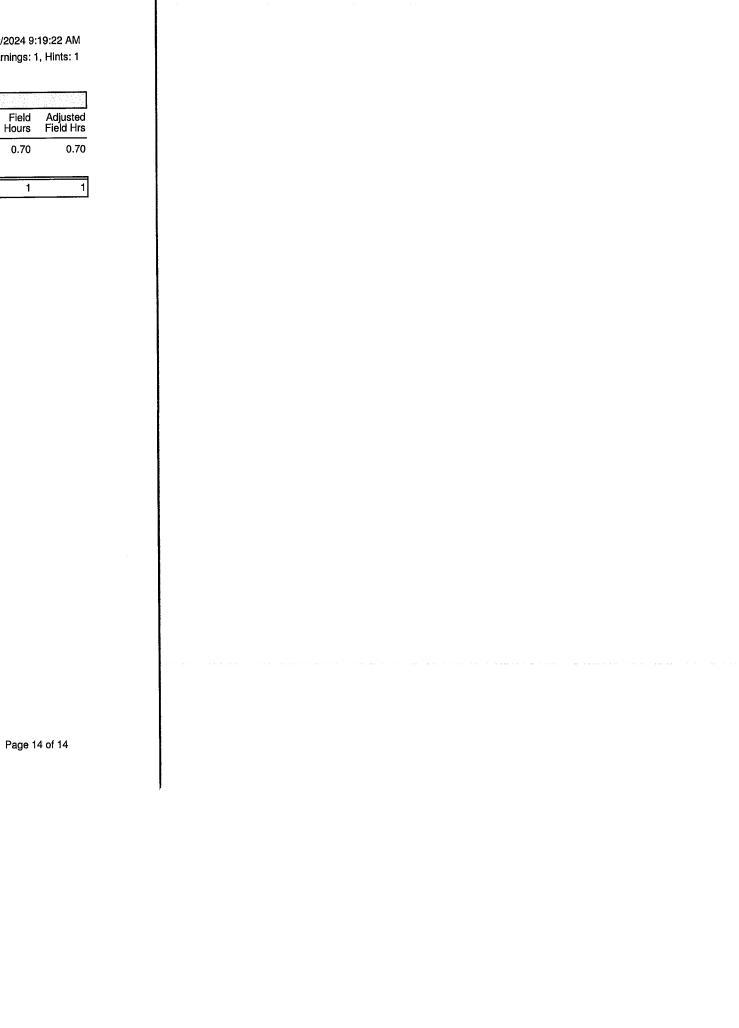
## Recap Report Full Recaps Other Labor (Section Details)

6/12/2024 9:19:22 AM Errors: 6, Warnings: 1, Hints: 1

Bernheim Middle School

Description				Material		Labo	r	
Material Handling	Quantity	Length (ft)	Area (sq ft)	Weight (lb)	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Round Ductwork	3.00	60.00	677.60	584.32	0.00		0.70	0.70
Total	3	60	678	584			1	1

Lusk Group



### listquote@shapemfg.com

From:

Joe Perraut <jperraut@theluskgroup.com>

Sent:

Wednesday, June 12, 2024 9:48 AM

To;

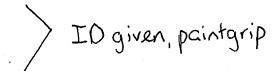
'listquote@shapemfg.com'

Subject:

Need some quick Pricing

See list below

18" round double wall duct - 50' 16" round double wall duct - 50' 18" elbow double wall - 10 16" elbow double wall - 6 18"x16" reducer double wall - 2



If you have any questions please give me a call.

Joe Perraut The Lusk Group 820 S. Dixie Hwy Muldraugh, KY 40155

Office: 502-942-6966 Cell: 502-643-7833

jperraut@theluskgroup.com

paintgrip, doublewall w/ 1"FDL,

DW lite-flanges

QUOTE from SHAPE MANUFACTURING

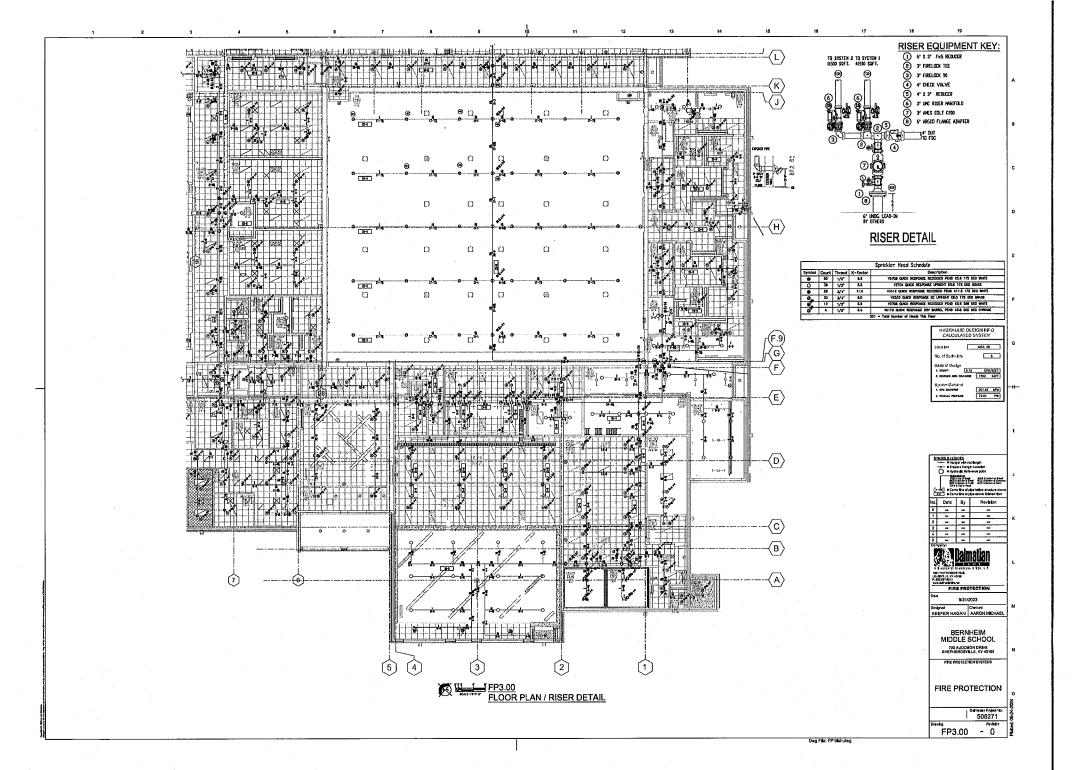
Ph. 502-583-7834 Fax 502-583-7925

Amount w/o Tax \$\frac{\frac{12}{841}}{2}\$

Date \$\frac{6-12-24}{2}\$ Quote # 49108

Comments \$\frac{ad}{500}\$

Please note any substitutions or exclusions



### REQUEST FOR PROPOSAL

PROJECT:

**Bernheim Middle School Renovation** 

REQUEST FOR PROPOSAL NO .:

20

Shepherdsvile, KY

DATE:

18-Jun-2024

OWNER:

**Bullitt County Public Schools** 

1040 Highway 44 East Shepherdsville, KY 40165 ARCHITECT:

**Studio Kremer Architects** 1231 S Shelby Street

Louisville, KY 40203

TO CONTRACTOR:

Calhoun Construction Services, Inc.

7707 National Turnpike

ARCHITECT'S PROJECT NO .:

2022-36

**BG# 23-051** 

Louisville, KY 40218

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN

### Description:

Provide price proposal for the following:

Item 1:

**REFERENCE A1.6B** 

- Increased the size of the cafeteria soffit around the beam due to duct work modifications.
- Removed scheduled soffits from the plan east and west wall.
- Modified the ACT ceiling along the Cafeteria exterior wall due to the removal of the side wall soffits.
- Refer to the attached sketch for information on closing the gap at the upper beam and CMU wall as stated on note 1.40 on the architectural sheet A1.6B

Item 2:

REFERENCE E3.2

- Modified lighting layout due to new ductwork configuration.

Item 3:

REFERENCE M3.1B

- Modified ductwork layout in Cafeteria.

Sprinkler Modification per site review 6/20

**Attachments:** 

PDF: sketch, A1.6B, E3.2, M3.1B

ISSUED:

18-Jun-2024

ARCHITECT:

studio kremer architects

CONTRACTOR:

Calhoun Construction Services, Inc.

BY:

Stephanie Satterfield

## **DETAIL @ CAFETERIA BEAM** (APPLIES TO BOTH SIDES OF BEAM)

EXTEND BREAK METAL TO BOTTOM OF METAL ANGLE AT ROOF DECK.

BREAK METAL TO EXTEND 3" INTO BEAM WEB AND WELD SEAM.

BREAK METAL SHALL BE PAINTED TO MATCH COLOR OF CMU WALL

8" FROM OPENING TO FRONT FACE OF CMU

EXTEND BREAK METAL TO BOTTOM OF METAL ANGLE AT ROOF DECK.

BREAK METAL TO EXTEND 3" INTO BEAM WEB AND WELD SEAM.

