

DATE:	February 15, 2011	CO #:	31 (THIRTY-ONE)
TO:	DAG Construction 4924 Winton Road Cincinnati, Ohio 45232	PROJECT:	Gallatin County Lower Elementary Addition & Renovations Gallatin County, Kentucky BG 09-261 / RTA 0840

CONTRACT DATE:	April 16, 2010	CONTRACT FOR:	General Construction
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**THE CONTRACT IS CHANGED AS FOLLOWS:**

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

- Provide material and labor to adjust the installation of storm drainage piping as directed in attached Field Order #21 which shall become a part of this Change Order (responding to RFI 80 which is attached for reference only) to avoid structural obstacles as noted in RFI 80 and to redirect to below the courtyard slab area. Contractor shall provide necessary additive and deductive items affected by this Change Order primarily concerning the storm drainage over the Courtyard Canopy roof area. Proposal Number 41a is attached illustrating the breakdown of costs to be an overall add of \$4,154.95 for this item.
- Provide material and labor to install per request of building code enforcement inspections and the RFI 102 response a Town and Country Plastics model GI-10 grease trap with flow control fittings in lieu of the Scheir model PATG-1412. Proposal Number 53 is attached with applicable breakdowns illustrating an overall add of \$939.83 to the contract.
- Provide material cost adjustments to install the Elkay LRAD 1918 5½" deep sink bowls in lieu of the LR 1918 sink bowls to comply with ADA requirements at the sinks requiring detail A/A2.0 in the contract documents. Proposal Number 61 is attached with applicable breakdown costs illustrating an overall add of \$906.20 to the contract.

TOTAL AMOUNT OF THIS CHANGE ORDER:	\$6,000.98
<hr/>	
The original Contract Sum was	\$6,231,000.00
The net change by previously authorized Change Orders	\$112,590.69
The Contract Sum prior to this Change Order was	\$6,343,590.69
The Contract Sum will be Increased by this Change Order in the amount of	\$6,000.98
The new Contract Sum including this Change Order will be	\$6,349,591.67
The Contract Time will be Unchanged	-
The Date of Substantial Completion as of the date of this Change Order is therefore	June 20, 2011

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.**

RossTarrant Architects, Inc.  
101 Old Lafayette Avenue  
Lexington, Kentucky 40502

**ARCHITECT** *(Firm name and address)*

DAG Construction  
4924 Winton Road  
Cincinnati, Ohio 45232

**CONTRACTOR** *(Firm name and address)*

Gallatin County Board of Education  
75 Boardwalk  
Warsaw, Kentucky 41095

**OWNER** *(Firm name and address)*

**BY** *(Signature)*

**BY** *(Signature)*

**BY** *(Signature)*

*(Typed or printed name)*

*(Typed or printed name)*

*(Typed or printed name)*

**DATE**

**DATE**

**DATE**

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 Gallatin County District Code 191 Facility Name Lower Elementary School School Code 010  
BG # 09-261 Project Renovation & Addition Contract / Bid Package DAG Const.  
Original Contract Sum \$ 6,231,000.00 Change Order Number: 31  
Requested Change Order Amount \$ 6,000.98 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:

☒ Local Board of Education ☒ General Contractor  
☒ Architect/Engineer ☐ Construction Manager  
☒ Code Enforcement Official ☐ Other: \_\_\_\_\_

Change Order Description and Justification:

Items in this change order deal with plumbing adjustments to the contract to comply with code requirements (grease interceptor), redirect storm drainage to avoid going through above ceiling areas from a canopy condition, and adjust sinks to better comply with ADA requirements. Contractor is able to perform these items in conjunction with other work related to these items.

Cost Benefit to Owner:

See above.

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 \$ 401,916.09  
Fee Amount for this Change: \$ 378.06  
New A/E Contract Amount: \$ 402,294.15

Board of Education Designee Signature

Date

Attach additional pages if necessary.



Date: 10/22/10

Project No.: 10-2 Proposal Number: 41a  
Description: FWD 21 Combo of PR 35, 38, 41 Courtyard Canopy  
Project: Gallatin New Elementary  
Constr. Mgmt: D.A.G. Construction  
Architect: Rosslarant Architects, Inc.

**TOTALS**

**1. LABOR:** (straight time only)

Coordination	3	x	\$60.00	\$	180.00
		hours x rate =			
Foreman/Layout		x		\$	-
		hours x rate =			
Subtotal (1,2,3,4,5,6):				\$	180.00

Subtotal (1 thru 7): \$ 180.00

**8. SUBCONTRACTOR:**

- PSR FWD 21 Roof leaders and down spouts
- Ec Shldml Add for roof drain plumbing work
- Ec Shldml Deduct for 10' of insulation
- G&T Downspout Drain connections, Tie into existing  
6" PVC for downspout drains, 4" PVC Storm Pipe & Downspout Drain Boot

Labor	\$677.00	\$677.00
Material	\$510.00	\$510.00
Labor	\$0.00	\$0.00
Material	\$201.00	\$201.00
Material	(\$100.00)	(\$100.00)
Labor	\$900.00	\$900.00
Material	\$1,245.00	\$1,245.00

\$0.00
\$ -
\$ 3,613.00
\$ 541.95

**9. MARKUP:**

15%

TOTAL COST (1 thru 7) + (8 and 9)

\$4,154.95

**10. MISCELLANEOUS ITEMS**

TOTAL COST (1 thru 7) + (8 and 9) + (10):

\$ 4,154.95

R.C. Schmidt Plumbing Contractor, Inc.

Project: Gallatin New Elementary Estimate

Location: 10-2 Bid Dates: 9-7-10 Est. Date: 10/22/10

Section of Spec: Roof Drain Changes Estimated by: Field Order # 11

Architect: Rosslarant Architects, Inc. Engineer:

Quantity	Description	Unit Price	Material	Unit Measure	Labor Measure
1	4" P.D. = 1	150.00	150.00	1	1
2	4" P.D. TP's	25.00	25.00	2	2
2	4" P.D. 90° ell	75.00	75.00	2	2
50'	4" P.D. pipe	2.00	100.00	50	50
50'	4" insulation	1.00	50.00	50	50
12	6" hangers	8.33	100.00	12	12
			833.00		110
	(AREA)				
1	9" insulation R.D.	125.00	125.00	1	1
1	9" P.D. hangers	150.00	150.00	1	1
2	4" P.D. 90° ell	75.00	75.00	2	2
2	4" P.D. 90° ell	75.00	75.00	2	2
50'	4" P.D. pipe	2.00	100.00	50	50
50'	4" insulation	1.00	50.00	50	50
50'	insulation R.D.	1.00	50.00	50	50
			509.00		110
	Material				
add	579.00	14.00			
total	593.00	14.00			
	174.00				
	10.00				
	17.00				
	201.00				

- production (M) = 100.00  
net change = 101.00



RI  
Gallatin County schools

Date: 02/01/00

RFI No: 00

Date Answer Required: 02/02/00

To: Pleasant Architects, Inc  
101 Old Lafayette Avenue  
Lexington, Kentucky 40502

From: D.A.G. Construction  
4824 Whelan Road  
Channahon, Ohio 45712

Phone: 513-542-8897  
Fax: 513-542-0208

E-mail: [info@dag-construction.com](mailto:info@dag-construction.com)

Ref. Drawing (s) call to page AS.1

Subject: Road Drain railing

Please refer to drawing for items AS.1 thru AS.3 and attaching and then send to the right side of the wall just to the right of the sidewalk. These road drain items have the building above the corridor railing and come into the nearest rest room stairs. How are we to get a 6' 0" diameter road drain from back into the building? There is a 12" x 14" beam there and some course of a board beam with it. But in IL, The two road drains on that road need to run somewhere else. Please have Architect and Engineer look at this situation and get resolved.

Cost Impact: YES NO  
Delays: YES NO

Signed: Date When

DISTRIBUTION

RESPONSE:

SEE ATTACHED FIELD OFFER 21.

Date of Reply: From: Signed:



FIELD ORDER

DATE: August 31, 2010 FO #: 21

TO: Dale White Jr. RE: Gallatin County Lower Elementary Addition &  
DAG Construction Renovations  
4924 Winton Road Gallatin County, Kentucky  
Cincinnati, Ohio 45232 BG 09-261  
RTA 0840

You are hereby directed to execute promptly this Field Order which interprets the Contract Documents or orders minor changes in the Work without change in Contract Sum or Contract Time.

DESCRIPTION:

In response to RH 80, adjust the courtyard canopy roof drains and leaders as noted on attached drawings F021.1, F021.2, and F021.1XP3.2.1. Reduce the roof drains at the canopy from two drains originally illustrated on the A3 sheets to the one illustrated on F021.2. Adjust the piping to a scupper as illustrated on B and C/F021.2. Additional piping information is provided on XP3.2.1 and site storm adjustments concerning this item may be found on F021.1. Adjust the location of the emergency roof drain as noted on the F021.1 and XP3.2.1.

Additionally, adjust the storm drainage piping at Vestibule VA as illustrated on the attached XP3.2.2 drawing.

Field coordinate and verify the attached adjustments and notify our office if there are any further clarifications regarding the two noted items above.

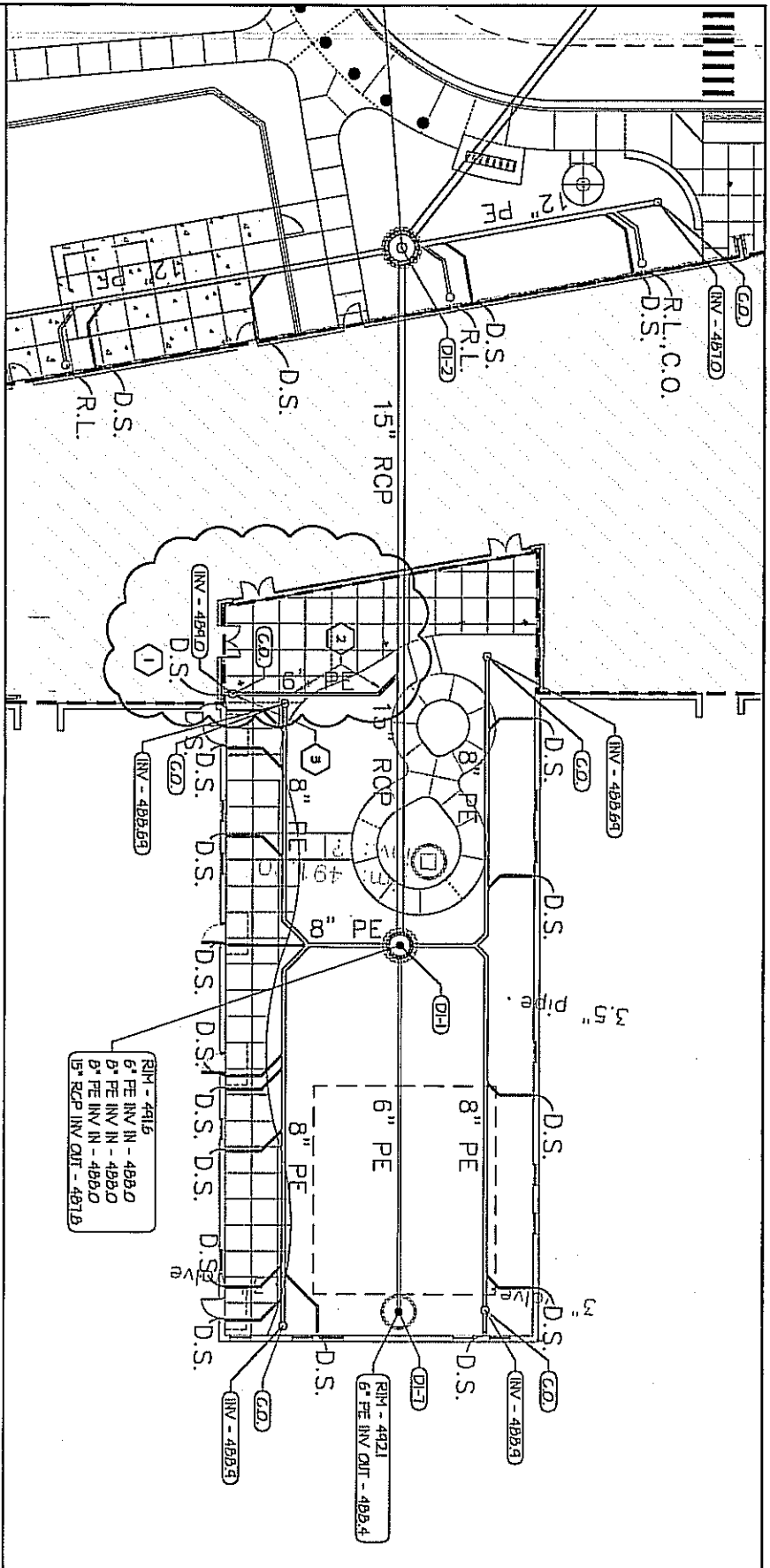
ATTACHMENTS:

F021.1, F021.2, F021.1XP3.2.1, and F021.1XP3.2.2

BY: Sarah Johnson, LEED Green Associate

CC:

Ronald E. Murrell, Jr., AIA, LEED AP BD+C  
Sarah Johnson, LEED Green Associate  
Lath M. Ross, PE, LEED AP BD+C  
John C. Gilbert, LEED AP BD+C  
File 0840-401  
F021-0840



- 1 PROVIDE AND INSTALL DOWNCUT BOOT FOR CANOPY DRAIN CONNECTION.
- 2 PROVIDE AND INSTALL 6\"/>

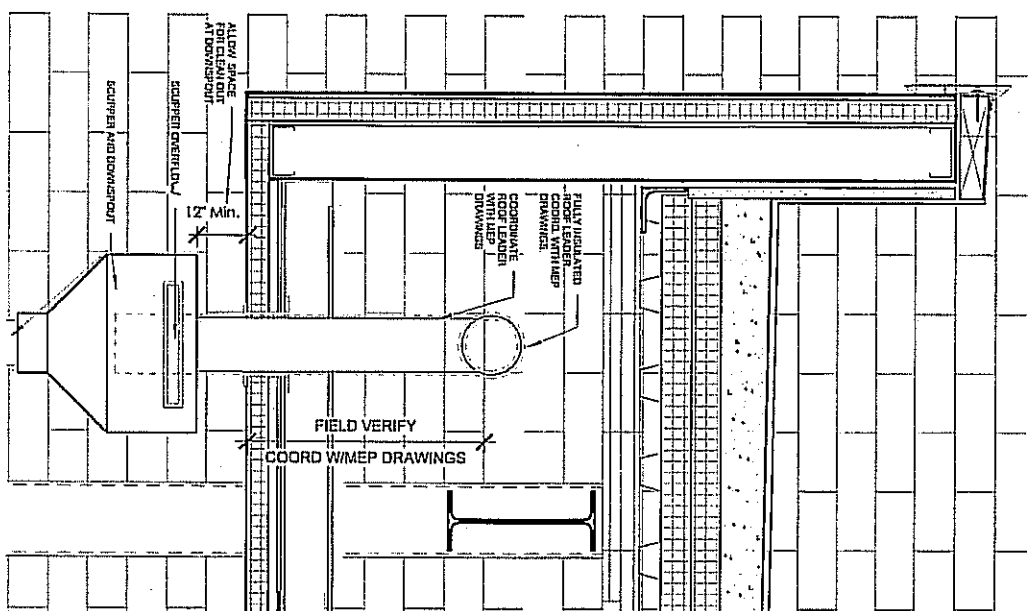
**REVISED COURTYARD SITE DRAINAGE PLAN**  
 SCALE: 1\"/>

A  
FO211

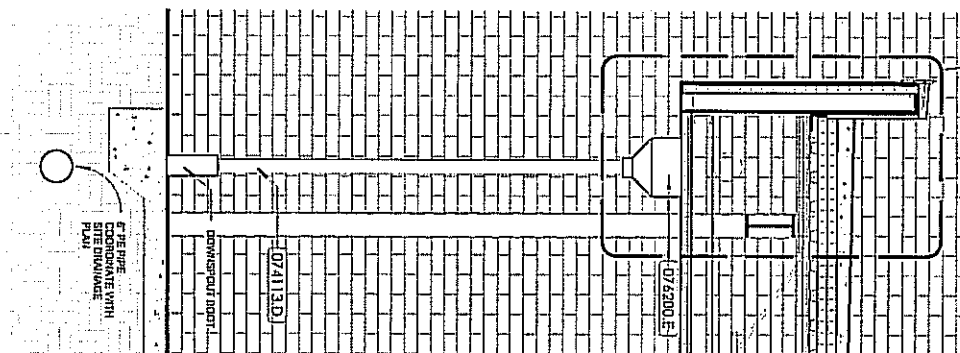


<p><b>ROSSI ARANT</b> architects</p> <p>101 WEST 10TH AVENUE, SUITE 200, DENVER, CO 80202 TEL: 303.733.4318 FAX: 303.733.4314</p>	<p><b>FIELD ORDER 211</b></p> <p><b>LOWER ELEMENTARY SCHOOL</b>  <b>ADDITION AND RENOVATIONS</b>  <b>FOR THE</b>  <b>GALLATIN COUNTY BOARD OF EDUCATION</b></p>	<p><b>BG# BG#</b></p> <p><b>DATE</b> <b>REVISION</b></p> <p><b>FO211</b></p> <p><b>FIELD ORDER</b></p>
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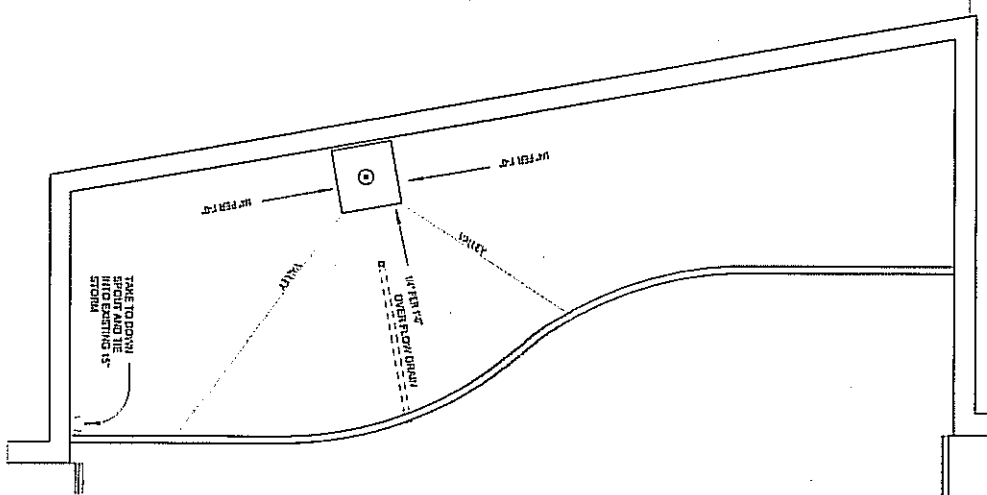
C  
FO21.2



FOUO



B  
FO21.2



A  
FO21.2

Date	_____
Project	_____
Casefile	_____
Station	_____
Checked	_____
Examiner	_____
1	_____
2	_____
3	_____

Gallatin County Lower Elementary School  
For the  
Gallatin County Board of Education



rosstarrant  
architects

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10411 Meeting Street,  
P.O. Box #43594  
Louisville, Kentucky 40253  
502.326.3085 • F 502.326.2691  
www.chidley.com

PROJECT: GALLATIN COUNTY LOWER ELEMENTARY  
SCHOOL ADDITION AND RENOVATION

DRAWN BY: JPW CHECKED BY: HCK

DATE: 9.1.10

REF. # P32

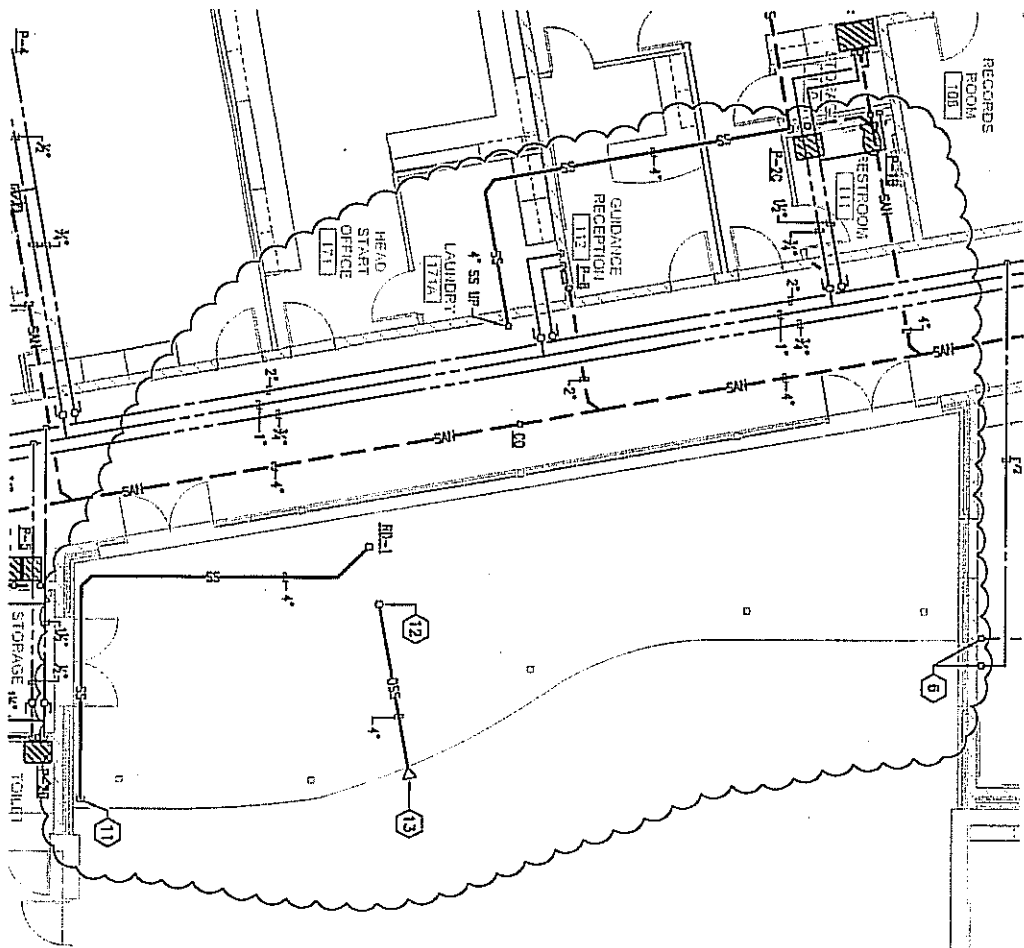
SHEET TITLE: PARTIAL PLAN - AREA 'B' - PLUMBING

DRAWING #

FO21.1  
XP3.2.1

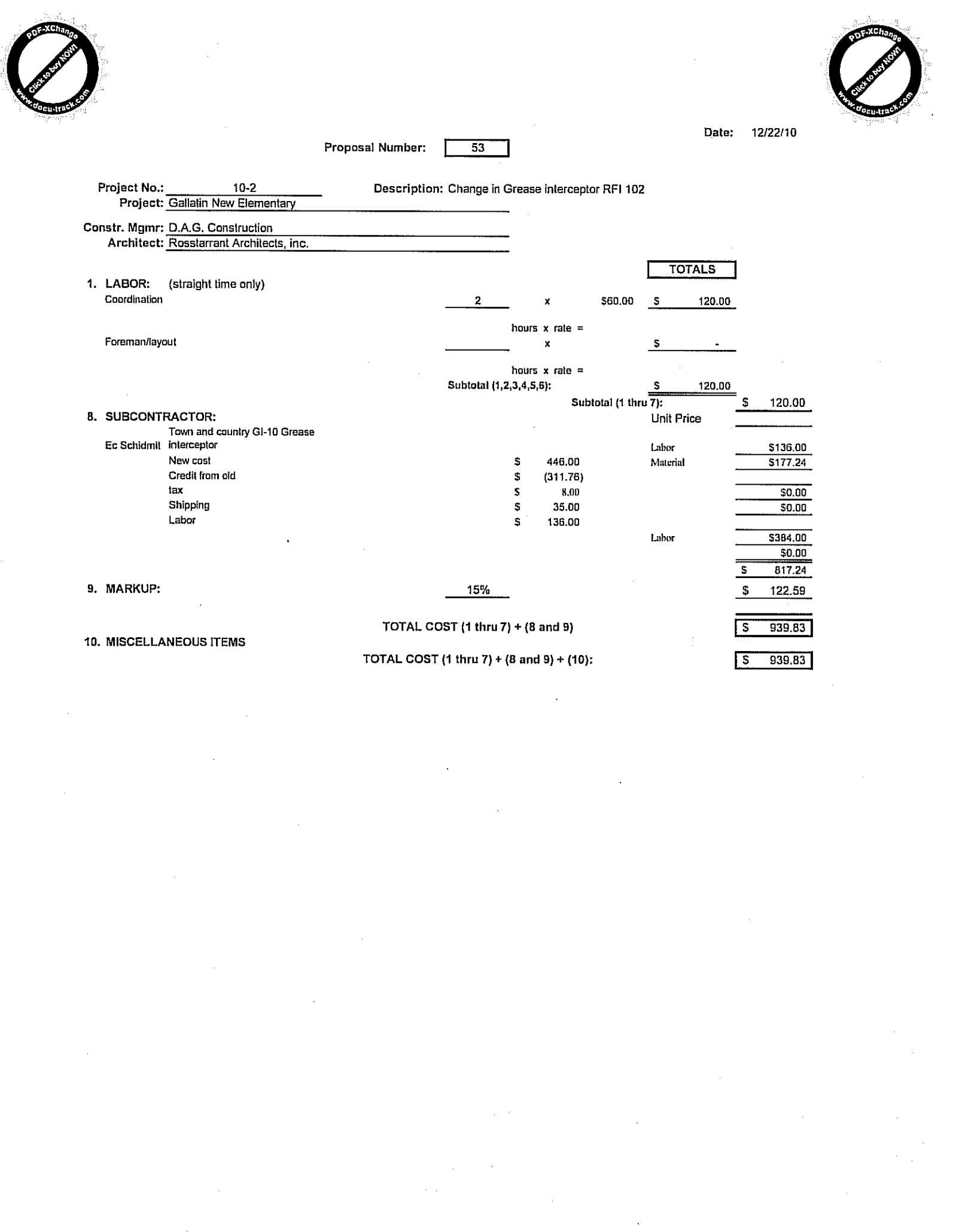
PLUMBING TAG NOTES:

11. EXTEND 4" STORM LINE DOWN INTO SCUPPER AND SPILL. REFERENCE ARCHITECTURAL FIELD ORDER FO21.1 FOR EXACT LOCATION OF SCUPPER AND ADDITIONAL INFORMATION.
12. FINISH AND INSTALL OVERFLOW ROOF DRAIN EQUAL TO ZURN ZC-100-AN-C WITH ALUMINUM DOME. ADJUSTABLE WATER LEVEL REGULATOR, UNDER DECK CLAMP, CAST IRON BODY WITH ACCESSORIES AS REQUIRED FOR ROOF CONSTRUCTION, AND 4" OUTLET. PROVIDE WATER TIGHT SEAL AT THE CONNECTION OF THE BODY TO THE DOME TO PREVENT ROOF WATER FROM ENTERING INTO THE BOAT.
13. FINISH AND INSTALL DOWNSPOUT NOZZLE EQUAL TO ZURN ZAMB-100-SS WITH ALL ROUGH BROUZE BODY, INTEGRAL WIRE RECEPTIVE FACE OF 1/2" FLANGE AND OUTLET NOZZLE, REMOVABLE STAINLESS STEEL SCREEN, AND 4" OUTLET SIZE.





AWING #  
FO21.1  
XP3.2.2



Proposal Number: 53

Date: 12/22/10

Project No.: 10-2

Description: Change in Grease Interceptor RFI 102

Project: Gallatin New Elementary

Constr. Mgmt: D.A.G. Construction

Architect: Rosslarrant Architects, inc.

1. LABOR: (straight time only)

Coordination

2 x \$60.00 \$ 120.00

hours x rate =

Foreman/layout

x \$ -

hours x rate =

Subtotal (1,2,3,4,5,6): \$ 120.00

**TOTALS**

Subtotal (1 thru 7): \$ 120.00

8. SUBCONTRACTOR:

Ec Schmidmil Town and country GI-10 Grease  
interceptor

New cost \$ 446.00  
Credit from old \$ (311.76)  
tax \$ 8.00  
Shipping \$ 35.00  
Labor \$ 136.00

Unit Price

Labor \$136.00

Material \$177.24

\$0.00

\$0.00

Labor \$384.00

\$0.00

\$ 817.24

9. MARKUP:

15%

\$ 122.59

10. MISCELLANEOUS ITEMS

TOTAL COST (1 thru 7) + (8 and 9)

\$ 939.83

TOTAL COST (1 thru 7) + (8 and 9) + (10):

\$ 939.83



**RFI**  
**Gallatin County schools**

Date: 11/30/10

RFI No.: 102

Date Answer Required: 12/3/2010

To: Rosstarrani Architects, Inc  
101 Old Lafayette Avenue  
Lexington, Kentucky 40502

From: D.A.G. Construction  
4924 Winton Road  
Cincinnati Ohio 45232

Phone: 513-542-8597

E-mail: dwhitejr@dag-cons.com

Fax: 513-542-9286

Ref.Spec(s):  
Ref. Drawing (s):

Subject: Grease trap conflict

Question: Here are the documents (3 pages) that explain the situation with the grease trap. The first page is the approved interceptors by the KY State Division of Plumbing. The second page is a letter from the manufacturers rep. stating that is not approved.

Cost Impact:	<table border="1"><tr><td>x</td></tr></table>	x	YES	<table border="1"><tr><td></td></tr></table>		NO
x						
Delays:	<table border="1"><tr><td>x</td></tr></table>	x	YES	<table border="1"><tr><td></td></tr></table>		NO
x						

Signed: Dale White

DISTRIBUTION

RESPONSE: Furnish and install Town and County Plastics model GI-10 grease trap with flow control fitting in lieu of the Scheir model PATG-1412.

Date of Reply: 12/3

From: JEREMY LEWIS

Signed: SARAH JOHNSON



(d) Rockford separators for grease, oil, hair and solids in various styles and sizes and being more specifically model series G, G LO, G M, G LOM, GF, GFE, GAS, GPS, GSS, OS, RHS, GSC, RMS, RSD, SD, SDE, GTD, and RTD that are used for their intended purpose and installed in accordance to the manufacturer's specification and the plumbing code.

(e) Grease Interceptors as manufactured by Enpoco, Inc. of St. Charles, IL.

(f) Grease Traps U.S.A.: Polypropylene grease trap, model number GT-25, as certified by the Plumbing and Drain Institute.

(g) Schier Grease Interceptors Trapper II Series meeting ASME 112.14.3 Model numbers 1820, 2025, 2635 and 3050.

(h) Schier Grease Interceptors Great Basin Series meeting ASME 112.14.3 Model numbers GB-75 and GB-250 approved only with the installation of two-directional, accessible cleanouts on the inlet and the outlet. The discharge of garbage disposals shall not be permitted.

(21) Plastic Oddities Srv (sewer relief vent) clean-out;

(22) Contech A-2000 - a PVC corrugated pipe with smooth interior meeting or exceeding all the material and service test requirements of ASTM D-3034-06 except dimensions at the time of manufacture;

(23) Nonchemical water treatment to control lime scale and corrosion buildup superior water conditioners as manufactured by Kemtune Inc;

**Debbie Schmidt**

From: zak@streamkey.com  
Sent: Monday, November 29, 2010 1:16 PM  
To: ecschmidt@fuse.net  
Subject: Re: Schier APML

Earl:

Schier Products manufacturer's every grease trap they make in accordance to the ASME #A112.14.3 grease interceptor standard.

It is extremely expensive to obtain ASME certification. Also, ASME charges that large fee for every single unit, instead of per series (i.e. Trapper II, Great Basin Series). That being said, Schier had to choose the most popular models for "official" certification.

Unfortunately, the PATG 1412 is not one of the Trapper II interceptors with the "official" ASME stamp of certification.

Regards,  
Zak

*PATG-1412*  
*ATML PLUMBING LIST*

UNIT TAG No.:

**INDICATIONS (PAID 2010)**

1. Unit size: 18" x 24" x 24"
2. Unit type: 10 GPM
3. Unit material: 304 Stainless Steel
4. Unit weight: 20 Pounds
5. Unit length: 24" (24" x 24" x 24")
6. Unit width: 18" (18" x 24" x 24")
7. Unit depth: 24" (18" x 24" x 24")
8. Unit material: 304 Stainless Steel
9. Unit material: 304 Stainless Steel
10. Unit material: 304 Stainless Steel

**NOTES**

1. Engineered and tested to meet ASME 112.14.3 requirements for grease interceptors.
2. All units are tested to meet ASME 112.14.3 requirements for grease interceptors.
3. All units are tested to meet ASME 112.14.3 requirements for grease interceptors.
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9. All units are tested to meet ASME 112.14.3 requirements for grease interceptors.
10. All units are tested to meet ASME 112.14.3 requirements for grease interceptors.

**Q TO GRADE**

**OPTIONS**

- 1. 18" x 24" x 24" unit with 10 GPM capacity
- 2. 18" x 24" x 24" unit with 20 GPM capacity
- 3. 18" x 24" x 24" unit with 30 GPM capacity
- 4. 18" x 24" x 24" unit with 40 GPM capacity
- 5. 18" x 24" x 24" unit with 50 GPM capacity
- 6. 18" x 24" x 24" unit with 60 GPM capacity
- 7. 18" x 24" x 24" unit with 70 GPM capacity
- 8. 18" x 24" x 24" unit with 80 GPM capacity
- 9. 18" x 24" x 24" unit with 90 GPM capacity
- 10. 18" x 24" x 24" unit with 100 GPM capacity

Signature of Approval: \_\_\_\_\_  
Company: \_\_\_\_\_  
Date of Approval: \_\_\_\_\_

**TOP VIEW (18" x 24")**

**SECTION A-A**

**SECTION B-B**

**SECTION C-C**

**SECTION D-D**

**SECTION E-E**

**SECTION F-F**

**SECTION G-G**

**SECTION H-H**

**SECTION I-I**

**SECTION J-J**

**SECTION K-K**

**SECTION L-L**

**SECTION M-M**

**SECTION N-N**

**SECTION O-O**

**SECTION P-P**

**SECTION Q-Q**

**SECTION R-R**

**SECTION S-S**

**SECTION T-T**

**SECTION U-U**

**SECTION V-V**

**SECTION W-W**

**SECTION X-X**

**SECTION Y-Y**

**SECTION Z-Z**

**DESCRIPTION:** 10 GPM, 53 GALLONS HOURLY, 20 POUND GREASE STORAGE, POLYETHYLENE GREASE INTERCEPTOR

**PART NUMBER:** PATG-1412

**DATE:** 11/29/10

**REV:** 1.0

**MADE IN THE USA**

**SUBMITTAL SHEET**

**SCHIER PRODUCTS**

2100 South 170th Street  
Maple Park, Minnesota 55124  
Tel: 612.827.7111  
Fax: 612.827.7114  
www.schierproducts.com



Proposal Number: 61

Date: 01/27/11

Project No.: 10-2  
Project: Gallatin New Elementary

Description: P-4 ADA Sink Change in new addition

Constr. Mgmt: D.A.G. Construction  
Architect: Rosstarrant Architects, Inc.

**TOTALS**

1. LABOR: (straight time only)

Coordination 2 x \$60.00 \$ 120.00

hours x rate =

Foreman/layout x \$ -

hours x rate =

Subtotal (1,2,3,4,5,6): \$ 120.00

Subtotal (1 thru 7): \$ 120.00

8. SUBCONTRACTOR:

Unit Price

EC Schmidt Elkay Lrad1918 5 1/2" Deep sink bowls in lieu of LR1918

Material \$ 630.00

Tax \$ 38.00

9. MARKUP: 15%

\$ 788.00

\$ 118.20

10. MISCELLANEOUS ITEMS

TOTAL COST (1 thru 7) + (8 and 9)

\$ 906.20

TOTAL COST (1 thru 7) + (8 and 9) + (10):

\$ 906.20

DATE: January 24, 2010

PR #: (21) Twenty-One (revision 01/25/11)

TO: Dale White Jr.  
DAG Construction  
4924 Winton Road  
Cincinnati, Ohio 45232RE: Gallatin County Lower Elementary Addition &  
Renovations  
Gallatin County, Kentucky  
BG 09-261  
RTA 0840

---

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

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

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## DESCRIPTION:

(Revision underlined.)

Please provide pricing for material and labor to install vision glass to match elevation type B in A/A6.1 for the pair of doors (147) at Music Room 147.

## ATTACHMENTS:

none

BY: Sarah Johnson, LEED Green Associate

c: Ronald E. Murrell, Jr., AIA, LEED AP BD+C;  
John C. Gilbert, LEED AP BD+C; Sarah  
Johnson, LEED Green Associate;  
File 0840  
PR-21-0840