

CHANGE ORDER



- Owner
- Architect
- Contractor
- O.P.M
- CX Agent
- Civil
- Landscape
- Geotech
- Structural
- MEP-FP
- FF&E
- Sustainability
- Acoustics
- Other
- Other

Project Name: **Haverhill Consentino Middle School** CO No. **10**

Architect's Project No. **21-0818**

Owner: **City of Haverhill** Architect: **DORE + WHITTIER**
4 Summer Street **260 Merrimac St, Bldg 7,**
Haverhill, MA 01830 **Newburyport, MA 01950**

To: **Brait Builders Corporation** Issue Date **4/14/2025**
57 Rockwood Road Contract Date: **4/1/2024**
Marshfield, MA 02050

Attention: **TJ Dahill**

See attached list of 7 item(s) for a total of **\$103,311.72**

Not valid until signed by both the Owner and Architect.

Signature of the Contractor indicates his agreement herewith, including any adjustment in the Contract Sum or Contract Time.

The original Contract Sum was **\$113,750,000.00**

Net change by previously authorized Change Orders **\$271,499.26**

The Contract Sum prior to this Change Order was **\$114,021,499.26**

The Contract Sum will be **INCREASED** by this Change Order **\$103,311.72**

The new Contract Sum including this Change Order will be **\$114,124,810.98**

The Contract Time will be changed by **(0) days**

The Date of Substantial Completion as of the date of this Change Order therefore is **Friday, April 30, 2027**

AUTHORIZED:

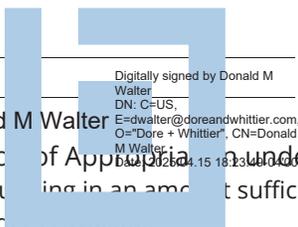
ARCHITECT:
DORE + WHITTIER
260 Merrimac St, Bldg 7, Newburyport,
MA 01950

OWNER:
Mayor Melinda E Barrett
4 Summer St Suite 100
Haverhill, MA 01830

CONTRACTOR:
Brait Builders Corporation
57 Rockwood Road
Marshfield, MA 02050

BY: _____ BY: _____
 Date: _____ Date: _____

Name: TJ Dahill 
 Title: Project Manager
 Date: April 16, 2025



Certification of Approval Under M.G.L. c44, s31C:
 Adequate funding in an amount sufficient to cover the total cost of this
 Change Order is available

CCD / PR / PCO #	Description	Amount
PCO 064	Controls Mounting Height	\$ 6,715.17
PCO 066	PR-12R1 RFI 57 Duct Chase	\$15,993.95
PCO 073	Music Storage Cabinet Doors	\$13,225.78
PCO 076	PR-47 RFI 183 Rated Horizontal Assembly	\$7,958.60
PCO 078	Modified Window Trim	\$25,390.41
PCO 081	Multivista Construction	\$29,077.65
PCO 083	Set Second Utility Pole	\$4,950.16
Total		\$103,311.72

Copies of supporting documentation for each item listed above is attached following.

PCO REVIEW FORM



Project Name: **Haverhill Consentino Middle School**

PCO No.

064

Architect's Project No. **21-0818**

Subject: **Controls Mounting Heights**

PCO Issue Date: **2025.02.11**

PCO Reviewed: **2025.03.24**

The following is a summary of the Design Team review of the above referenced Proposed Change Order (PCO). Refer to summary below *and* attached comments. Acceptance of this PCO – or partial acceptance – shall not constitute a change to the construction contract or a directive to proceed with the work. PCO review is only a recommendation to the Owner regarding the validity and cost of the proposed PCO. Final approval shall be by the Owner per contract.

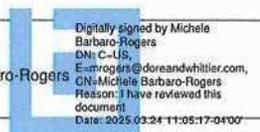
CATEGORY					
Elective / Owner		Town/AHJ/Other		Unforeseen	
Design	X	Other		GC Expenditure	

PCO shall be reviewed by each consultant with relevant work included:

Reviewed	Revise	Rejected	Consultant:	Reviewer:	Comments:
X			Architectural:	T. King / M. Rogers	D+W has reviewed the attached PCO and find the fees to be fair and reasonable
			Site/Civil:		
			Traffic:		
			Geotechnical:		
			Landscape:		
			Wetlands:		
			Haz Materials:		
			Structural:		
			Acoustical:		
			Foodservice:		
			Fire Protection:		
			Plumbing:		
			HVAC:		
			Electrical:		
			Lighting:		
			Telecomm:		
			Building Security:		
			Audio-Visual:		
			Theatrical:		
			Door Hardware:		
			Sustainability		
			Other:		

Michele Barbaro-Rogers

Michele Barbaro-Rogers



X	Design Team Recommends Approval
	Design Team Does Not Recommend Approval

Brait Builders Corp.

57 Rockwood Road
Suite 3
Marshfield , MA 02050

Phone: (781) 837-6400
Fax: (781) 837-6153

PROPOSED CHANGE ORDER

No. CMS-064

TITLE: ASI-01 Controls Mounting Heights

DATE: 02/11/2025

PROJECT: Dr. Albert B. Consentino Middle School

JOB: CSM-2024

TO: City of Haverhill
685 Washington Street
Haverhill, MA

CONTRACT NO:

DESCRIPTION OF CHANGE

Costs associated with the attached for ASI-01 Controls Mounting Heights.

Item	Description	Quantity	Units	Unit Price	Labor Burden	Burden Amount	Net Amount
1	Procraft COR	1	LS	\$6,270.00		\$0.00	\$6,270.00
2	Brait - OH&P - 5%	0	%	\$6,270.00		\$0.00	\$313.50
3	Brait - Bond - 2%	0	%	\$6,583.50		\$0.00	\$131.67

Lump Sum: \$6,715.17

Total: \$6,715.17

Dore & Whittier

By: _____

Date: _____

City of Haverhill

By: Stephen Dorrance
reviewed and approved.

Date: 4/29/2025

Brait Builders

By: T.J. Dahill
T.J. Dahill

Date: 2-11-25

Owners Project Manager

By: Suzanna Yeung
Suzanna Yeung

Date: 4/3/2025

Recommend approval at this time.



Architectural Millwork • Custom Cabinetry

TJ Dahill
Brait Construction Managers

2/06/25

PROCRAFT CORPORATION

416 River Rd. • PO Box 298

New Boston, NH 03070

www.procraftcorp.com

Phone: 603-487-2080

Fax: 603-487-2086

RE: **Consentino Middle School**
Haverhill, MA

Change Order Request

We propose to Furnish and Install the following changes per ASI 01 dated 4/29/24.

- Add outlet cut-outs in epoxy backsplashes at selected rooms.

Materials	N/A
Shop Labor	\$ 2,700.00
Field Labor	N/A
PM/Eng.	\$ 3,000.00
10% M/U	<u>\$ 570.00</u>
Sub-Total	\$ 6,270.00

Exclusions:

- Tax
- Outlet and covers

TOTAL FURNISH AND INSTALL \$ 6,270.00

*ProCraft reserves the right to withdraw or revise this proposal if not accepted within 7 days of bid date.
Contract subject to Material Escalation Clause*

Thank you,

Gary Benoit
gbenoit@procraftcorp.com

ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS



- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Owner | <input type="checkbox"/> Civil | <input type="checkbox"/> FF&E |
| <input checked="" type="checkbox"/> Architect | <input type="checkbox"/> Landscape | <input type="checkbox"/> Sustainability |
| <input checked="" type="checkbox"/> Contractor | <input type="checkbox"/> Geotech | <input type="checkbox"/> Acoustics |
| <input checked="" type="checkbox"/> O.P.M | <input type="checkbox"/> Structural | <input type="checkbox"/> Other |
| <input type="checkbox"/> CX Agent | <input checked="" type="checkbox"/> MEP-FP | <input type="checkbox"/> Other |

Project Name:	Haverhill Consentino Middle School	ASI No.	01
Architect's Project No.	21-0818		
Owner:	City of Haverhill 4 Summer Street Haverhill, MA 01830	Architect:	DORE + WHITTIER 260 Merrimac St, Bldg 7, Newburyport, MA 01950
To:	Brait Builders Corporation 57 Rockwood Road Marshfield, MA 02050	Contract Date	4/1/2024
		Issue Date:	4/29/2024
Attention:	TJ Dahill	Subject:	Controls Mounting Height

These supplement instructions constitute a Minor Change in the Work in accordance with the Contract Documents to be carried out without change in Contract Sum or Contract Time. Prior to proceeding in accordance with these instructions, indicate your acceptance of these instructions for minor change to the Work as consistent with the Contract Documents and return a copy to the Architect.

At Sheet A9.51, Interior Details, revise the height of the controls at A12, A8 and A4 as shown on attached sketch **JD-01** and **JD-02**.

Make corresponding changes to interior elevations in the contract drawing set including the following: AQ1.50, AQ1.51, AQ1.52, AQ1.53, AQ1.54, AQ1.55, AQ1.60, AQ1.61, AQ1.62, AQ1.63, AQ1.64, AQ1.65, AQ1.66, AQ1.67.

At Sheet AQ1.51, Casework Plans and Elevations, at D21 Interior Elevation – Science Classroom Exterior, adjust outlet locations at epoxy counters as shown on attached sketch **JD-03**. Make similar revision to D22/AQ1.52 and N18/AQ1.53.

At Sheet AQ1.52, Casework Plans and Elevations, at N27 Interior Elevation – Tech Classroom – North, adjust outlet locations at epoxy counters as shown on attached sketch **JD-04**. At Sheet E2.22, Level 2- Area C – Power Plan, at Technology 2004 and 2008, along exterior wall / grid C1.0, revise outlets to be counter mounted.

At Sheet E0.01, Electrical Symbol List, at Symbols List, revise as follows:

At Switches heading, revise (typically mtd 48" AFF u.n.o) to **42" AFF**.

At Fire Alarm System, at Manual pull station, revise 48" AFF to **42" AFF**.

At Miscellaneous-Devices, at ADA Call Station and ADA Master Call Station, revise 48" AFF to **42" AFF**.

At Sheet E3.03, Electrical Details, Detail 1, revise 4'-0" mounting height to **3'-6" / 42"**.

Attachments: **JD-01, JD-02, JD-03, JD-04**

Issued by

DORE + WHITTIER

Tara King

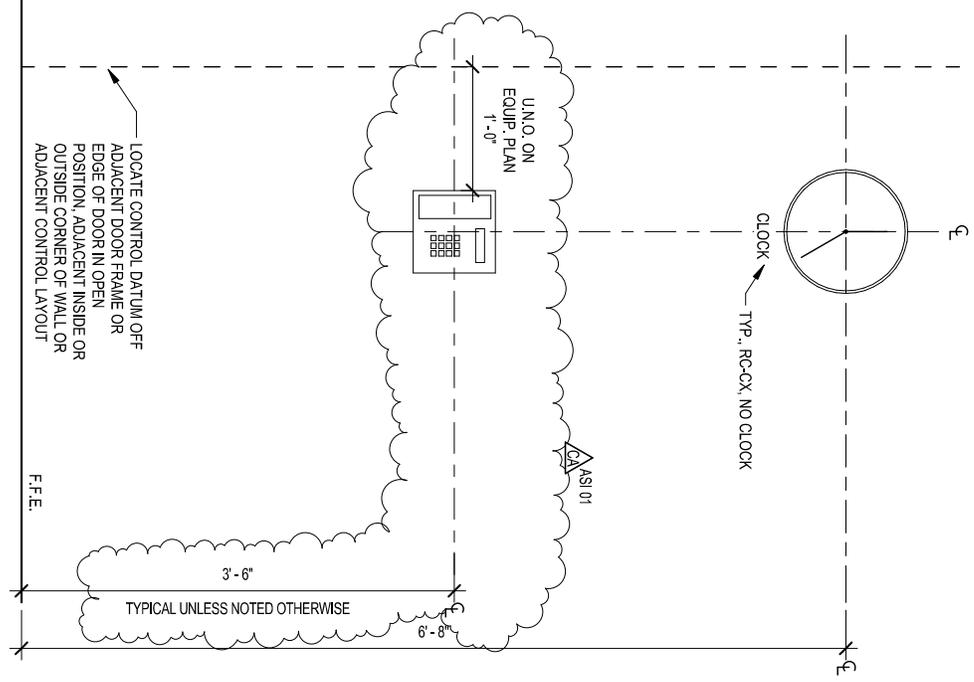
Copy: File, GGD

A12

ROOM CONTROL LAYOUT - TYPE RC-C AND RC-CX

1" = 1'-0"

NOTE:
ROOM CONTROLS SHALL BE ARRANGED ACCORDING TO THEIR LOCATION PRIORITY WITH PRIORITY 1 BEING MOUNTED CLOSEST TO THE DOOR FRAME OR OPEN DOOR LEAF. DEPENDING ON THE MOUNTING LOCATION INDICATED IN THE EQUIPMENT PLANS, WHERE A CONTROL IS NOT INCLUDED FOR A PARTICULAR ROOM, THE CONTROLS WITH THE NEXT LOWEST PRIORITY SHALL BE LOCATED ADJACENT TO THE NEXT HIGHEST PRIORITY CONTROLS AT THE TYPICAL 2" SPACING.

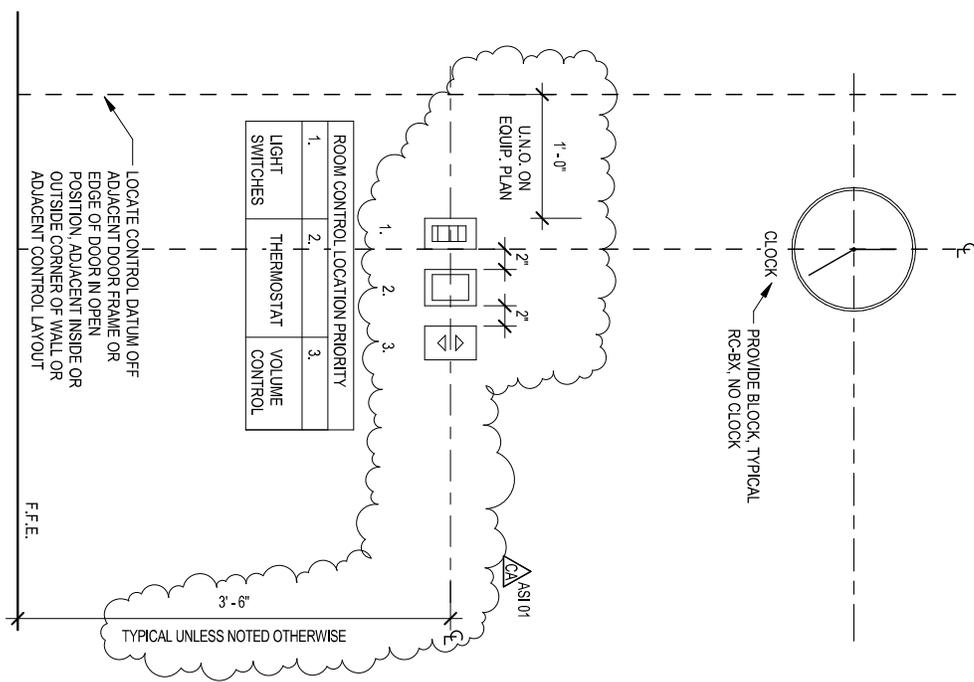


A8

ROOM CONTROL LAYOUT - TYPE RC-B AND RC-BX

1" = 1'-0"

NOTE:
ROOM CONTROLS SHALL BE ARRANGED ACCORDING TO THEIR LOCATION PRIORITY WITH PRIORITY 1 BEING MOUNTED CLOSEST TO THE DOOR FRAME OR OPEN DOOR LEAF. DEPENDING ON THE MOUNTING LOCATION INDICATED IN THE EQUIPMENT PLANS, WHERE A CONTROL IS NOT INCLUDED FOR A PARTICULAR ROOM, THE CONTROLS WITH THE NEXT LOWEST PRIORITY SHALL BE LOCATED ADJACENT TO THE NEXT HIGHEST PRIORITY CONTROLS AT THE TYPICAL 2" SPACING.

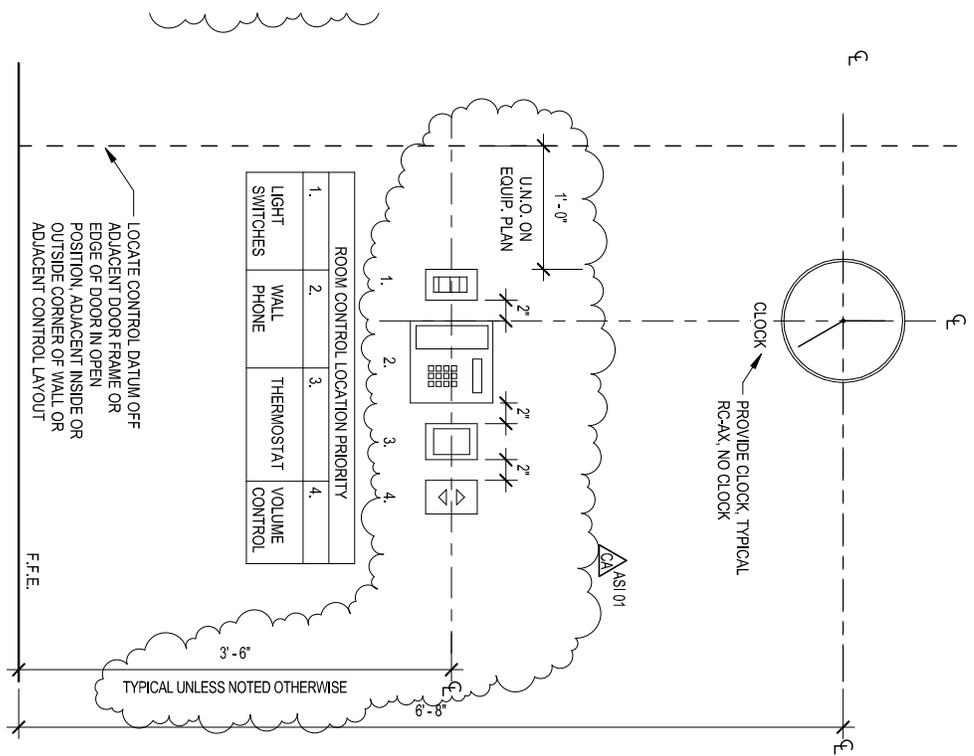


REF: A9.51

A4 ROOM CONTROL LAYOUT - TYPE RC-A AND RC-AX

1" = 1'-0"

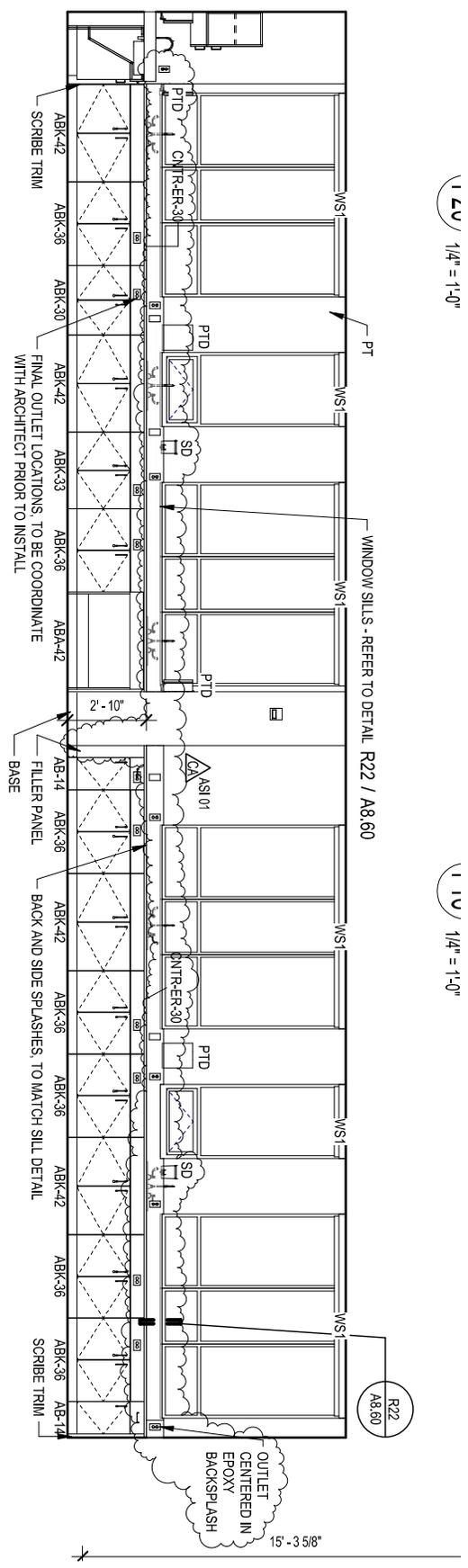
NOTE:
 ROOM CONTROLS SHALL BE ARRANGED ACCORDING TO THEIR LOCATION PRIORITY WITH PRIORITY 1 BEING MOUNTED CLOSEST TO THE DOOR FRAME OR OPEN DOOR LEAF, DEPENDING ON THE MOUNTING LOCATION INDICATED IN THE EQUIPMENT PLANS, WHERE A CONTROL IS NOT INCLUDED FOR A PARTICULAR ROOM, THE CONTROLS WITH THE NEXT LOWEST PRIORITY SHALL BE LOCATED ADJACENT TO THE NEXT HIGHEST PRIORITY CONTROLS AT THE TYPICAL 2' SPACING.



REF: A9.51

D21
1/4" = 1'-0"

INTERIOR ELEVATION - SCIENCE CLASSROOM EXTERIOR



1/4" = 1'-0"

1/4" = 1'-0"

REF: D21/AQ1.51

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CONSENTINO MIDDLE SCHOOL
685 WASHINGTON STREET
HAVERHILL, MA

Project No.
21-0818



Burlington, VT 05401
(802) 863-1428
Newburyport MA 01950
(978) 499-2999
doreandwhittier.com

Date
04.05.2024
Scale
1/4" = 1'-0"

Sheet Title

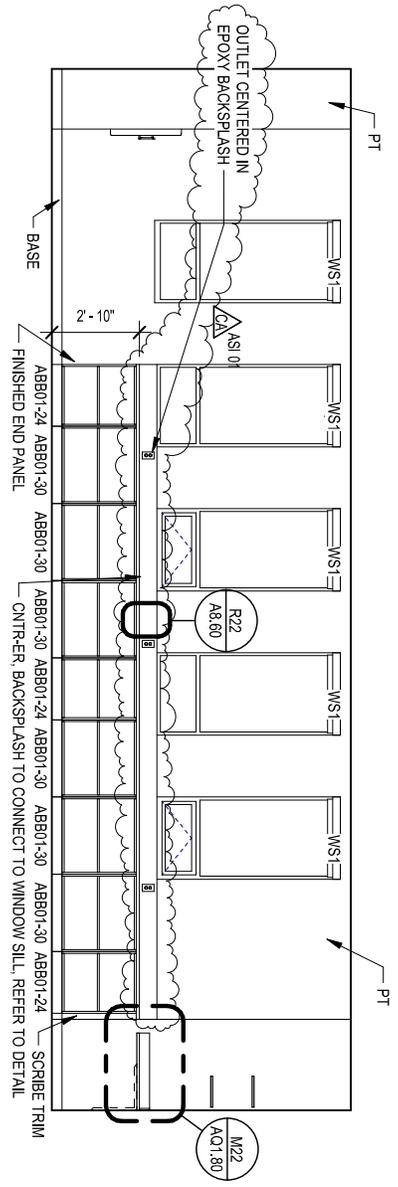
CASE WORK PLANS AND ELEVATIONS

JD-03

N27

INTERIOR ELEVATION - TECH CLASSROOM - NORTH

1/4" = 1'-0"



REF: N27/AQ1.52

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CONSENTINO MIDDLE SCHOOL
685 WASHINGTON STREET
HAVERHILL, MA

Project No.
21-0818



Burlington, VT 05401
(802) 863-1428
Newburyport MA 01950
(978) 499-2999
doreandwhittier.com

Date
04.05.2024
Scale
1/4" = 1'-0"

Sheet Title
CASE WORK PLANS AND ELEVATIONS

JD-04

PCO REVIEW FORM

Project Name: **Haverhill Consentino Middle School**

PCO No.



Architect's Project No. **21-0818**

Subject: **Duct Chase**

PCO Issue Date: **2025.03.11**

PCO Reviewed: **2025.03.27**

The following is a summary of the Design Team review of the above referenced Proposed Change Order (PCO). Refer to summary below *and* attached comments. Acceptance of this PCO – or partial acceptance – shall not constitute a change to the construction contract or a directive to proceed with the work. PCO review is only a recommendation to the Owner regarding the validity and cost of the proposed PCO. Final approval shall be by the Owner per contract.

CATEGORY					
Elective / Owner		Town/AHJ/Other		Unforeseen	
Design	X	Other		GC Expenditure	

PCO shall be reviewed by each consultant with relevant work included:

Reviewed	Revise	Rejected	Consultant:	Reviewer:	Comments:
X			Architectural:	T. King / M. Rogers	D+W has reviewed the attached PCO and finds the fee to be fair and reasonable
			Site/Civil:		
			Traffic:		
			Geotechnical:		
			Landscape:		
			Wetlands:		
			Haz Materials:		
			Structural:		
			Acoustical:		
			Foodservice:		
			Fire Protection:		
			Plumbing:		
X			HVAC:	GGD	Fee is fair and reasonable
			Electrical:		
			Lighting:		
			Telecomm:		
			Building Security:		
			Audio-Visual:		
			Theatrical:		
			Door Hardware:		
			Sustainability		
			Other:		

Michele Barbaro-Rogers

Michele Barbaro-Rogers

Digitally signed by Michele Barbaro-Rogers
 DN: C=US, E=mrogers@doreandwhittier.com, CN=Michele Barbaro-Rogers
 Reason: I have reviewed this document.
 DfG: 2025.03.27 14:47:27-0400

X	Design Team Recommends Approval
	Design Team Does Not Recommend Approval

Brait Builders Corp.

57 Rockwood Road
 Suite 3
 Marshfield , MA 02050

RECEIVED

3/11/25

GGP Consulting Engineers, Inc.
 Phone: (781) 857-6400
 Fax: (781) 857-6153

PROPOSED CHANGE ORDER**No. CMS-066****TITLE: PR-12R1 RFI 57 Duct Chase****DATE: 03/11/2025****PROJECT: Dr. Albert B. Consentino Middle School****JOB: CSM-2024****TO: City of Haverhill
685 Washington Street
Haverhill, MA****CONTRACT NO:****DESCRIPTION OF CHANGE**

Costs associated with the attached for PR-12R1 RFI 57 Duct Chase.

Item	Description	Quantity	Units	Unit Price	Labor Burden	Burden Amount	Net Amount
1	GMC Cost Differential	1	LS	\$828.56		\$0.00	\$828.56
2	CDI COR-4	1	LS	\$6,848.91		\$0.00	\$6,848.91
3	WJGEI Proposal 29	1	LS	\$7,256.19		\$0.00	\$7,256.19
4	Brait - OH&P - 5%	0	%	\$14,933.66		\$0.00	\$746.68
5	Brait - Bond - 2%	0	%	\$15,680.34		\$0.00	\$313.61

Lump Sum: \$15,993.95**Total: \$15,993.95****Dore & Whittier****By:** _____**Date:** _____**Brait Builders****By:** T.J. Dahill
T.J. Dahill**Date:** 3-11-25**City of Haverhill****By:** Stephen Dorrance
reviewed and approved.**Date:** 4/29/2025**Owners Project Manager****By:** Suzanna Yeung
Suzanna Yeung**Date:** 4/3/2025**Acceptable -- recommend approval.**

GGD Consulting Engineers, Inc.

M#92622
J#894 117 00.00

DATE: March 17, 2025

MEMO

TO: Michelle Barbaro-Rogers, AIA
Dore + Whittier

FROM: Sean Strassell, Sr. Project Manager



Jason Rioux, Engineer



Dominick B. Puniello, P.E., Principal



David M. Pereira, Electrical Principal



DEPT: HVAC/Electrical

PROJECT: Consentino Middle School
Haverhill, Massachusetts

SUBJECT: PCO #066R1: PR-12R1 RFI 57 Duct Chase

Please be advised as follows:

We have reviewed the General Mechanical Corp. portion of Proposed Change Order No. 066R1 in the amount of \$10,404.53, which supersedes the previous Proposed Change Order No. 034 in the amount of \$9,575.97, for costs associated with changing fire dampers to fire/smoke dampers and ductwork revisions per PR-12 and subsequent PR-12R1. This change results in an additional amount of \$828.56. We find the revised amount of \$10,404.53 to be fair and reasonable and recommend your approval.

We have reviewed the Wayne J. Griffin Electric, Inc. portion of Proposed Change Order No. 066R1 in the amount of \$7,256.19 for costs associated with PR-12. We find the amount to be fair and reasonable and recommend your approval.

If you have any questions regarding this information, please contact our office at your earliest convenience.

SS/JR:md

Enc.

M#92622
J#894 117
Page 2

Cc. Tara King, Dore + Whittier
Frank Mortell, GGD Consulting Engineers, Inc.
Mitchell Medeiros, GGD Consulting Engineers, Inc.

GENERAL MECHANICAL CONTRACTORS, INC.
**Consentino Middle School - PR-12 - Duct Risers w/
out of wall dampers**
2-17-2025

Reason For Change: Attached are the additional HVAC costs associated with PR-12, which made changes to exhaust ductwork and dampers. THIS REVISION INCLUDES COSTS TO PROVIDE OUT OF WALL DAMPERS FOR 3 OUT OF THE 4 DAMPERS. Please see the following breakdown. Pricing is valid for 30 days. All work to be completed on normal working hours.

MATERIAL COSTS

Additional Materials	Cost per Unit	Total
Lot of duct material per original design		\$ (2,519.00)
Lot of duct material per PR-12		\$ 3,292.00
Net cost of damper changes (INCLUDES OUT OF WALL DAMPERS)		\$ 750.00
Total Additional Material Costs		\$ 1,523.00

LABOR COSTS

Additional Man Hours	Wage	Total
-45 manhours to install ductwork per original design	\$ 122.00	\$ (5,490.00)
66 manhours to install ductwork per PR-12	\$ 122.00	\$ 8,052.00

8 additional CAD drawing hours	\$ 150.00	\$ 1,200.00
Total Additional Labor Costs		\$ 3,762.00

SUB-TRADE CONTRACTOR COSTS

Sub-Trade Contractor	Cost
ATC	\$ 4,474.98
Total Sub-Trade Contractor Costs	\$ 4,474.98

Trade Contractor Overhead and Profit

Total Trade Contractor Costs w/ OH & P =	\$	5,997.98	X 1.10 =	\$	6,597.78
Total Trade Contractors Labor Costs:	\$	3,762.00			
Bond Cost (.43%)	\$	44.75			
Total Cost	\$	10,404.53			
 Previously Approved PR 12 Amount	 \$	 9,575.97			
 Cost Differential	 \$	 828.56			

Brait Builders Corp.

57 Rockwood Road
Suite 3
Marshfield, MA 02050

Phone: (781) 837-6400
Fax: (781) 837-6153

PROPOSED CHANGE ORDER

No. CMS-034

TITLE: PR-12 RFI 57 EF Duct Chase

DATE: 10/15/2024

PROJECT: Dr. Albert B. Consentino Middle School

JOB: CSM-2024

TO: City of Haverhill
685 Washington Street
Haverhill, MA

CONTRACT NO:

DESCRIPTION OF CHANGE

Costs associated with the attached for PR-12 RFI 57 EF Duct Chase.

Item	Description	Quantity	Units	Unit Price	Labor Burden	Burden Amount	Net Amount
1	GMC Proposal	1	LS	\$4,632.23		\$0.00	\$4,632.23
2	Brait - OH&P - 5%	0	%	\$4,632.23		\$0.00	\$231.61
3	Brait - Bond - 2%	0	%	\$4,863.84		\$0.00	\$97.28

Lump Sum: \$4,961.12

Total: \$4,961.12

ACCEPTED: Dore & Whittier

By: _____

Date: _____

ACCEPTED: City of Haverhill

By: _____

Date: _____

Brait Builders

By:  _____

T.J. Dahill

Date: 10-15-24

ACCEPTED: Owners Project Manager

By: _____

Date: _____

GGD comments provided on the next page. Do not recommend approval at this time. - The engineer's comment about dampers did lead to an RFI and RFI response (attached to proposal). This response resulted in changes to damper counts, the costs of which are accounted for in this revised proposal. DW: GMC to review and clarify 21 hours of increased scope for new ductwork. - General Mechanical performed sheet metal takeoffs of the original design and the redesign sketches with the same estimating software that it used at the time of bid. General Mechanical did review both of these takeoffs upon receipt of the PR-12 review, but did not discover any irregularities. The reports do provide a detailed accounting of what those takeoffs represent and General Mechanical is happy to go over them with the design team.

GGD Consulting Engineers, Inc.

M#90916
J#894 117 00.00

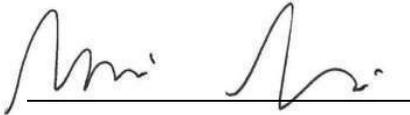
DATE: October 16, 2024

MEMO

TO: Michelle Barbaro-Rogers, AIA
Dore + Whittier

FROM: Mitchell Medeiros

Dominick B. Puniello, P.E., Principal



DEPT: HVAC

PROJECT: Consentino Middle School
Haverhill, Massachusetts

SUBJECT: PCO #034: EF Duct Chase

Please be advised as follows:

We have reviewed the General Mechanical Contractors, Inc. portion of Proposed Change Order No. 034 in the amount of \$4,632.23 for costs associated with PR-12 RFI 57-EF Duct Chase. We do not recommend approval at this time and offer the following:

- Revise original sheet metal takeoff fire damper quantity to 4, to match contract drawings.

If you have any questions regarding this information, please contact our office at your earliest convenience.

MM:md

Enc.

Cc. Tara King, Dore + Whittier

SECTION 01 30 01
REQUEST FOR INTERPRETATION FORM
CONSENTINO MIDDLE SCHOOL - #21-0818

TO: Dore & Whittier Architects Inc. 260 Merrimac St., Bldg.7 Newburyport, MA 01950	FROM: Brait Builders	RFI #: RFI - 141
Attn: Tara King	Reply Requested by: Jake McDonough	Issue Date: 10/28/24
RFI DESCRIPTION (Indicate origin of RFI, and summarize the question or type of information required): Sketches "JD-15" and "JD-16" attached to PR-012 indicate two different kinds of a life-safety dampers. Tag provided on ductwork indicate "FSD" which would be Fire Smoke Damper Call-out notes provided on sketches indicate "Fire Damper" Please clarify which type of life-safety dampers are required.		
REFERENCES (List relevant Drawings or Specification sections and paragraphs): 		
SENDER'S RECOMMENDATION (All RFIs must include a contractor's recommended solution to each condition, including a statement of cost or schedule of impact if applicable. The contractor may be back-charged by the Owner for designer's review time for any RFI submitted without a sender's recommended solution or where response is evident in Drawings.) 		
DESIGNER'S RESPONSE: 		

Refer to attached Memo below from GGD.

BY:

DATE:

COPIES TO:

END OF SECTION

Request for Interpretation Form

01 30 01 - 1

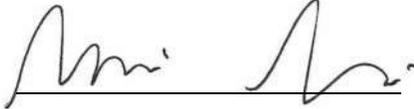
REQUEST FOR INFORMATION - RFI

M#91253
J#894 117 00.00

DATE: November 12, 2024

TO: Michelle Barbaro-Rogers, AIA
Dore + Whittier

FROM: Mitchell Medeiros



DEPT: HVAC

PROJECT: Consentino Middle School
Haverhill, Massachusetts

SUBJECT: RFI #141: GMC RFI-11 PR-12 Life Safety Damper Type Clarification

Question:

Sketches "JD-15" and "JD-16" attached to PR-012 indicate two different kinds of a life-safety dampers. Tag provided on ductwork indicate "FSD" which would be Fire Smoke Damper Call-out notes provided on sketches indicate "Fire Damper".

Please clarify which type of life-safety dampers are required.

Response:

The dampers penetrating the shaft walls horizontally shall be fire smoke dampers. The shaft floor penetration shall be a fire damper at the shaft floor penetrations between the level's 1 and 2.

MM:md

Enc.

Cc: Tara King, Dore + Whittier



Brait Builders Corporation
 57 Rockwood Rd, Suite 3
 Marshfield, Massachusetts 02050
 P: +17818376400



Project: CMS Haverhill Middle School
 685 Washington Street
 Haverhill, Massachusetts 01830

RFI #141: CMS - RFI 141 - GMC RFI - 11 PR-12 Life Safety Damper Type Clarification

Status	Open		
To	Tara King (Dore and Whittier) Heather Gratton (Dore and Whittier)	From	Jake McDonough (Brait Builders Corporation)
Date Initiated	Oct 28, 2024	Due Date	Nov 26, 2024
Location		Project Stage	
Cost Impact		Schedule Impact	
Spec Section		Cost Code	
Drawing Number		Reference	
Linked Drawings			
Received From	Thomas Beauregard (General Mechanical Contractors, Inc.)		
Copies To	TJ Dahill (Brait Builders Corporation), Neil Dooney (Brait Builders Corporation), Heather Gratton (Dore and Whittier), Tara King (Dore and Whittier), Don Walter (Dore and Whittier)		

Activity

Question

Question from Jake McDonough Brait Builders Corporation on Monday, Oct 28, 2024 at 09:46 AM EDT

Sketches "JD-15" and "JD-16" attached to PR-012 indicate two different kinds of a life-safety dampers. Tag provided on ductwork indicate "FSD" which would be Fire Smoke Damper
 Call-out notes provided on sketches indicate "Fire Damper"
 Please clarify which type of life-safety dampers are required.

Attachments

[CMS - RFI 141 - GMC RFI - 11 PR-12 Life Safety Damper Type Clarification.pdf](#)

Awaiting an Official Response

PR-012 Life Safety Damper Type Clarifications

PROJECT: Haverhill Cosentino Middle School

AUTHOR: Tom Beauregard

DATE WRITTEN: 10/28/24

DUE DATE:

DRAWING NUMBER:

SPEC SECTION:

Question

Sketches "JD-15" and "JD-16" attached to PR-012 indicate two different kinds of a life-safety dampers.

Tag provided on ductwork indicate "FSD" which would be Fire Smoke Damper

Call-out notes provided on sketches indicate "Fire Damper"

Please clarify which type of life-safety dampers are required.

Response

PROPOSAL REQUEST

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Owner | <input type="checkbox"/> Civil | <input type="checkbox"/> FF&E |
| <input checked="" type="checkbox"/> Architect | <input type="checkbox"/> Landscape | <input type="checkbox"/> Sustainability |
| <input checked="" type="checkbox"/> Contractor | <input type="checkbox"/> Geotech | <input type="checkbox"/> Acoustics |
| <input checked="" type="checkbox"/> O.P.M | <input type="checkbox"/> Structural | <input type="checkbox"/> Other |
| <input checked="" type="checkbox"/> CX Agent | <input checked="" type="checkbox"/> MEP-FP | <input type="checkbox"/> Other |



Project Name:	Haverhill Consentino Middle School	PR No.	012
Architect's Project No.	21-0818		
Owner:	City of Haverhill 4 Summer Street Haverhill, MA 01830	Architect:	DORE + WHITTIER 260 Merrimac St, Bldg 7, Newburyport, MA 01950
To:	Brait Builders Corporation 57 Rockwood Road Marshfield, MA 02050	Contract Date	4/1/2024
		Issue Date:	6/26/2024
Attention:	TJ Dahill	Subject:	RFI 57 – EF Duct Chase

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.

To coordinate with RFI 57, make the following revisions:

At Sheet A1.21, Level 2 Area B, add shaft walls in Cust Closet 2064 to accommodate EF ducts as shown on the attached sketch **JD-18**. Make similar revisions to A1.11, A1.31, and A1.41 Custodial closet.

At Sheet A1.52, revise detail F19 as shown on the attached sketch **JD-19**.

At Sheet M1.11, HVAC – Fire Floor Plan – Area A / B Ductwork and Sheet M1.21, HVAC – Second Floor Plan – Area A / B Ductwork, revise layouts as shown on attached sketch **JD-15**.

At Sheet M1.31, HVAC – Third Floor Plan – Area A / B Ductwork and Sheet M1.41, HVAC – Fourth Floor Plan – Area A / B Ductwork, revise layouts as shown on attached sketch **JD-16**.

At Sheet M3.11, Roof Plan – Area B, revise EF location as shown on attached sketch **JD-17**.

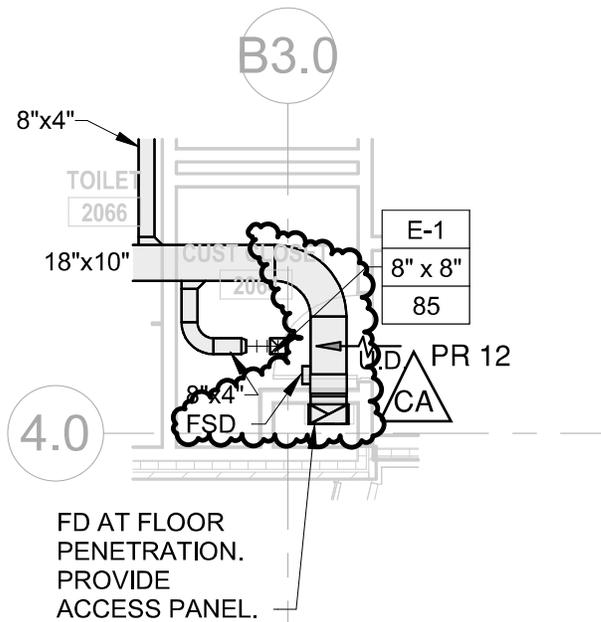
JD-15, JD-16, JD-17, JD-18, JD-19

Issued by

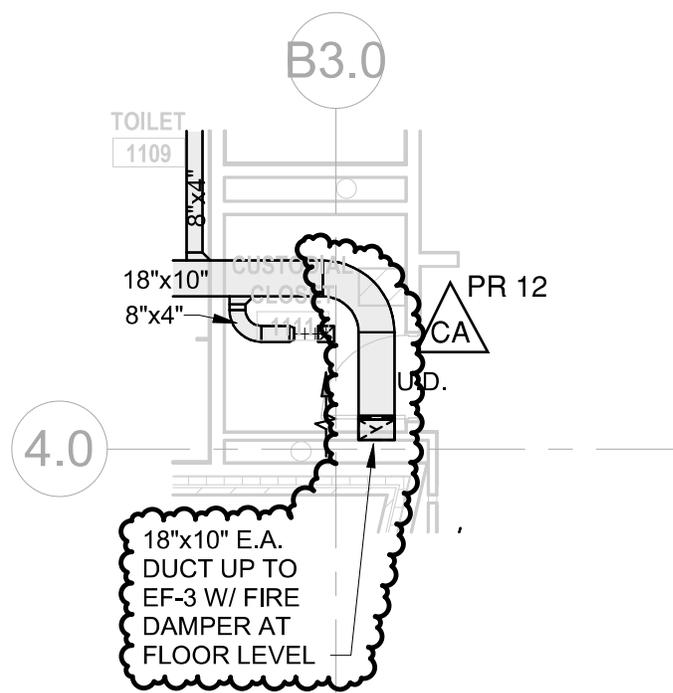
DORE + WHITTIER

Tara King

Copy: File, GGD, CX



② RFI #57 - SECOND FLOOR PLAN - AREA B - DUCT
1/8" = 1'-0"



① RFI #57 - FIRST FLOOR PLAN - AREA B - DUCT
1/8" = 1'-0"



GGD CONSULTING ENGINEERS, INC.
375 Faunce Corner Road, Suite D, Dartmouth, MA 02747-1258
p: 508-998-5700 • f: 508-998-0883 • E-MAIL: info@g-g-d.com

REF M1.31/M1.41

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CONSENTINO MIDDLE SCHOOL
685 WASHINGTON STREET
HAVERHILL, MA

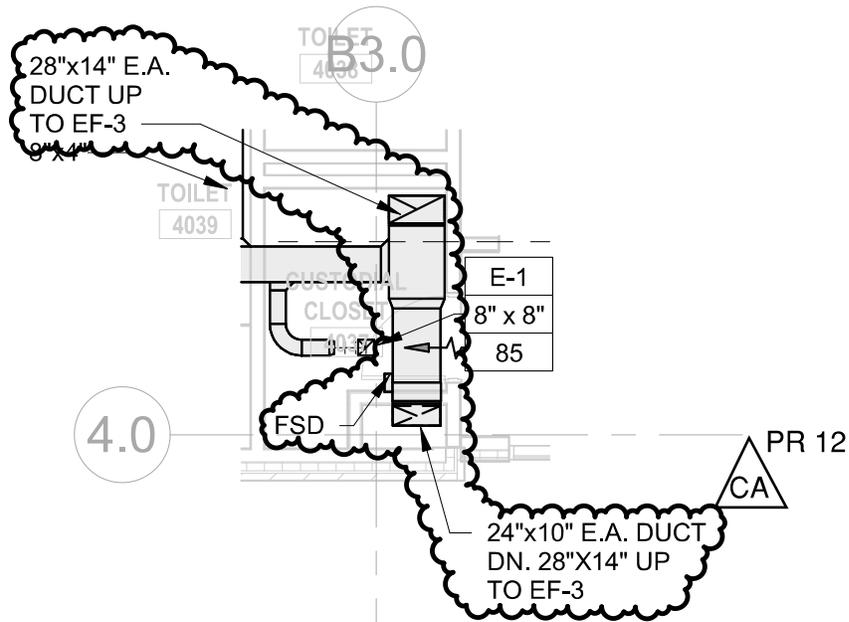
Project No.
21-0818



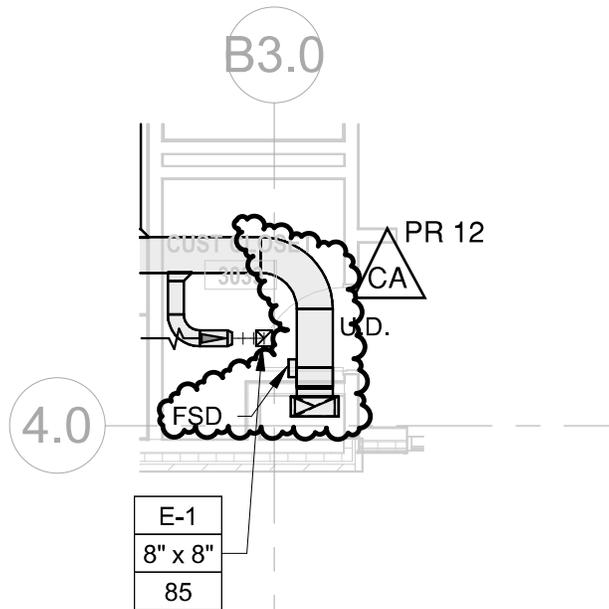
Burlington, VT 05401 (802) 863-1428	Date	06/26/24
Newburyport MA 01950 (978) 499-2999	Scale	1/8" = 1'-0"
doreandwhittier.com		

Sheet Title
RFI #57/PR #12 -
REVISIONS TO EF-3
EXHAUST DUCT

JD-15



② RFI #57 - FOURTH FLOOR PLAN - AREA B - DUCT
 1/8" = 1'-0"



① RFI #57 - THIRD FLOOR PLAN - AREA B - DUCT
 1/8" = 1'-0"



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 375 Faunce Corner Road, Suite D, Dartmouth, MA 02747-1258
 p: 508-998-5700 • f: 508-998-0883 • E-MAIL: info@g-g-d.com

REF M1.11/M1.21

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CONSENTINO MIDDLE SCHOOL
685 WASHINGTON STREET
HAVERHILL, MA

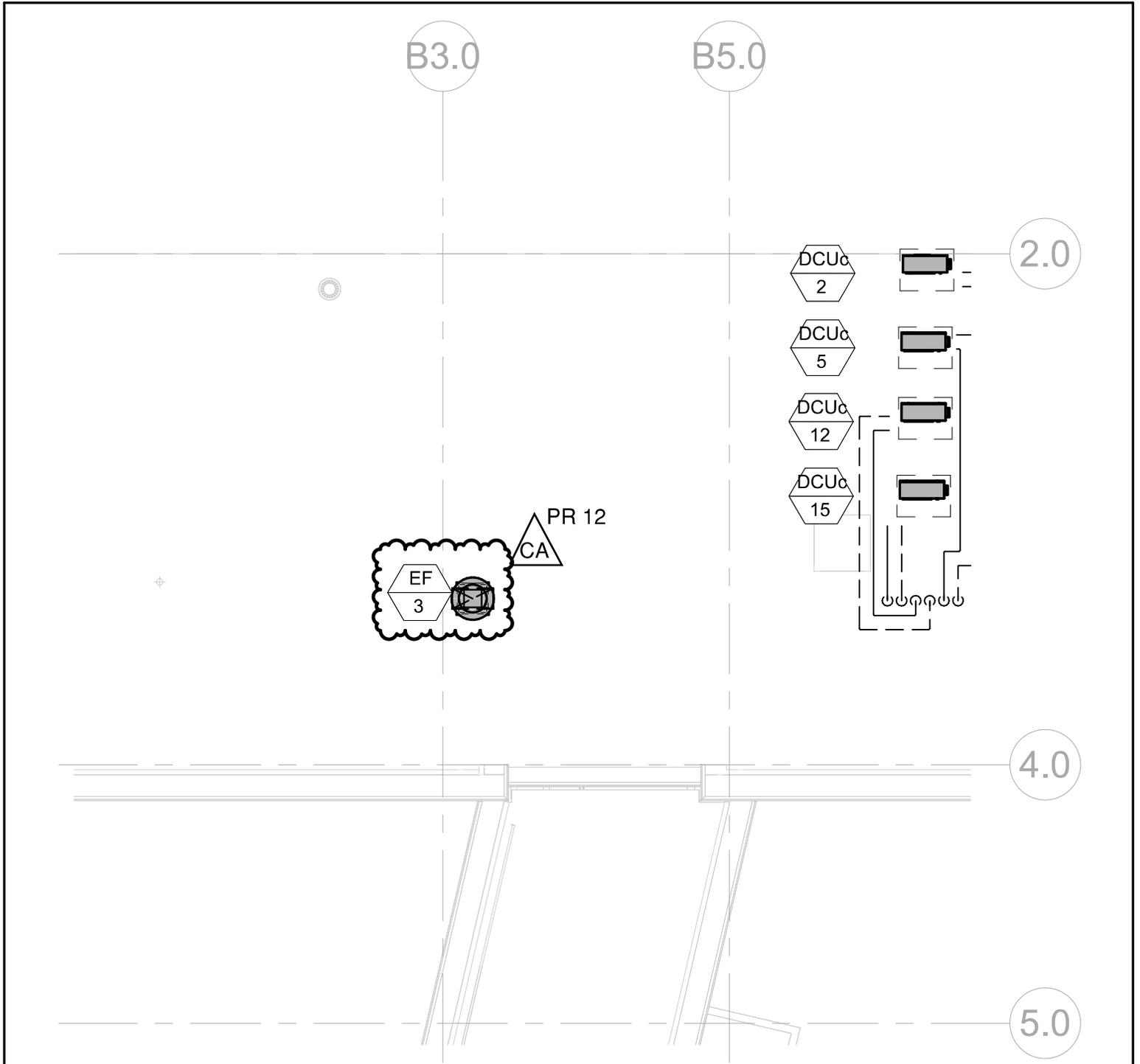
Project No.
 21-0818



Burlington, VT 05401 (802) 863-1428	Date	06/26/24
Newburyport MA 01950 (978) 499-2999	Scale	1/8" = 1'-0"
doreandwhittier.com		

Sheet Title
 RFI #57/PR #12 - REVISIONS TO
 EF-3 EXHAUST DUCT

JD-16



1 RFI #57 - ROOF PLAN - AREA B
1/8" = 1'-0"



GGD CONSULTING ENGINEERS, INC.
375 Faunce Corner Road, Suite D, Dartmouth, MA 02747-1258
p: 508-998-5700 • f: 508-998-0883 • E-MAIL: info@g-g-d.com

REF M3.11

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CONSENTINO MIDDLE SCHOOL
685 WASHINGTON STREET
HAVERHILL, MA

Project No.
21-0818



Burlington, VT 05401 (802) 863-1428	Date	1/8" = 1'-0"
Newburyport MA 01950 (978) 499-2999	06/26/24	
doreandwhittier.com	Scale	

Sheet Title
RFI #57/PR #12 - REVISIONS TO EF-3 EXHAUST DUCT

JD-17

Recap Report

Full Recaps

General Mechanical Contractors

Printed: 7/10/2024 1:52:23 PM

Project Name: (HaverConsen) Haverhill Consentinno Middle Schoo

Bid Date: 3/12/2024

Base Bid/Alternate: Base Bid

Scopes included: Drawing: M1.11, M1.21, M1.31, M1.41

System: <All>

Spec: <All>

Floor: <All>

Zone: PR 12 Original Duct

Syssymbol: <All>

**ORIGINAL SHEET METAL
TAKEOFF**

Project Calculation Log

Calculations date: 7/10/2024 1:48:31 PM

Calculations were run with AutoBid version: 2021.1.0

Labor Book: By Pound (& Piece)

Wage Table: QP2

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

NOT calculating detailing

NOT calculating pressure testing

Using insulation

Looking up tap material thickness separate from body/reducer

TakeOff lines: 8090 - Items processed: 7674

Errors: 0, Warnings: 0, Hints: 5

Name:

Full Recaps

Recap Report
Full Recaps

7/10/2024 1:52:22 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle Schoo

Project Grand Totals

Description	Weight (lb)	Material		Total Cost (Material)	Labor			
		Weight w/ wst			Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Ductwork Library Items	169	189		\$1,094	19 0	19	37 5	38 7
Grand Total	169	189		\$1,094*	19	19	42	45

* Excludes Quotes

Recap Report
Full Recaps
Ductwork Totals

7/10/2024 1:52:22 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle Schoo

Description	Weight (lb)	Material Weight w/ wst	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Labor	Field Hours	Adjusted Field Hrs
Light Aluminum	169	189	\$1,094	19	19	19	37	38
Total	169	189	\$1,094	19	19	19	37	38

Recap Report

Full Recaps

Ductwork (Material Totals)

7/10/2024 1:52:21 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle Schoo

Light Aluminum

Description	Weight (lb)	Material Weight w/ wst	Total Cost (Material)	Shop Hours	Labor Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Fabricated							
Rectangular Alum LP	169	189	\$1,094	19	19	37	38
	169	189	\$1,094	19	19	37	38
Total	169	189	\$1,094	19	19	37	38

Recap Report

Full Recaps
Ductwork (Section Totals)

7/10/2024 1:52:18 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle School
Light Aluminum (Fabricated)
Rectangular - Alum LP

Description	Quantity	% of Qty	Length (ft)	Area (sq ft)	Material			Unit Cost (Material)	Labor								
					Area w/ wst	Avg. wt/each	Weight (lb)		Weight w/ wst	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs				
Duct and Fittings																	
Full Length	8	30%	37	228	249	9.03	72	79	\$262	4	4	4	12	13			
Short Pieces	11	41%	22	137	150	3.89	43	47	\$156	4	4	4	11	11			
Fittings	8	30%		121	147	4.63	37	45	\$151	8	8	8	10	10			
Duct and Fittings	27		59	486	546		152	171	568	16	16	16	32	34			
Connectors and their Reinforcing																	
Connectors	88		112					\$414		1	1		0				
Connectors and their Reinforcing	88		112					414		1	1		0				
Hangers																	
Lower/Vertical Support	11						17	18	\$28	0	0		5	5			
Upper Support	11							\$5		0			0				
Hangers							17	18	33				5	5			
Sealer, Flex Connectors and Turning Vanes																	
Turning Vanes								\$78		2	2		2	0			
Sealer, Flex Connectors and Turning Vanes								78		2	2		2	0			
Total							169	189	\$1,094	19	19		37	38			

Recap Report

Full Recaps
Ductwork (Section Details)

7/10/2024 1:52:17 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle School
Light Aluminum (Fabricated)
Rectangular - Alum LP

Description	Quantity	Waste %	Length (ft)	Area (sq ft)	Material			Unit Cost	Total Cost (Material)	Labor				
					Area w/ wst	Weight Factor	Weight (lb)			Weight w/ wst	Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Alum LP														
24 ga														
Full Length	5.00	9%	23.33	126.87	138.29	0.28	36.03	39.28	\$3,330	\$130.79	2.14	2.14	6.20	7.49
Short Pieces	9.00	9%	14.28	84.26	91.85	0.28	23.93	26.08	\$3,330	\$86.86	2.14	2.14	6.11	6.11
Fittings	6.00	22%		83.09	101.37	0.28	23.60	28.79	\$3,330	\$95.87	5.58	5.58	6.48	6.48
22 ga														
Full Length	3.00	9%	14.00	101.46	110.59	0.36	36.22	39.48	\$3,330	\$131.47	1.80	1.80	5.70	5.70
Short Pieces	2.00	9%	7.50	52.98	57.75	0.36	18.91	20.62	\$3,330	\$68.65	1.41	1.41	4.45	4.45
Fittings	2.00	22%		37.75	46.05	0.36	13.48	16.44	\$3,330	\$54.75	2.83	2.83	3.50	3.50
Full Length	8		37	228	249		72	79		\$262	4	4	12	13
Short Pieces	11		22	137	150		43	47		\$156	4	4	11	11
Fittings	8			121	147		37	45		\$151	8	8	10	10
Total	27		59	486	546		152	171		\$568	16	16	32	34

Recap Report
Full Recaps
Ductwork (Section Details)

7/10/2024 1:52:17 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle School
Light Aluminum (Fabricated)
Rectangular - Alum LP

Description	Quantity	Waste %	Length (ft)	Length w/ wst	Material			Unit Cost	Total Cost (Material)	Labor		
					Weight Factor	Weight (lb)	Weight w/ wst			Shop Hours	Adjusted Shop Hrs	Field Hours
Connectors												
Alum TDC	88.00		112.33					\$414.45		0.88	0.88	0.00
Alum TDC Cleats: 6	158.00							\$88.48				
Alum TDC Corners: Alum TDC	176.00							\$1.700	\$299.20			
TDC Gasket: DM Sticky Butyl		10%	114.17	125.58				\$0.080	\$10.05			
Zinc Chromate Nuts: 3/8	88.00							\$0.130	\$11.44			
Zinc Plated Bolts: 3/8 x 3/4	88.00							\$0.060	\$5.28			
Total								\$414		1	1	

Recap Report

Full Recaps
Ductwork (Section Details)

7/10/2024 1:52:18 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle School
Light Aluminum (Fabricated)
Rectangular - Alum LP

Description	Quantity	Waste %	Length (ft)	Length w/ wst	Material		Unit Cost	Total Cost (Material)	Labor			
					Weight Factor	Weight (lb)			Weight w/ wst	Shop Hours	Adjusted Shop Hrs	Field Hours
Lower/Vertical Support												
Galv1x18ga Strap	11.00					16.81	18.49	\$27.73	0.05	0.05	4.70	4.70
#10 Fastener/Screw: 3/4	66.00											
Galvanized Strap: 1 x 18ga	22.00	10%	93.50	102.85	0.18	16.81	18.49	\$0.270	\$27.73	0.05	0.05	
Upper Support												
Strap Attachment (I-Beam)	11.00							\$5.34		0.00		0.00
I-Beam Clamp: 3/8	11.00							\$0.485	\$5.34			
Lower/Vertical Support	11					17	18	\$28			5	5
Upper Support	11							\$5				
Total						17	18	\$33			5	5

Recap Report
Full Recaps
Ductwork (Section Details)

7/10/2024 1:52:18 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle School
Light Aluminum (Fabricated)
Rectangular - Alum LP

Description	Quantity	Waste %	Length (ft)	Length w/ wst	Material			Unit Cost	Total Cost (Material)	Labor			
					Weight Factor	Weight (lb)	Weight w/ wst			Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Turning Vanes													
Galv 4" Dbl Vane	16.00	10%	34.37	37.81				\$0.790	\$77.81	2.12	2.12	0.00	
Rail - Galv: 4" Double	59.00	10%	55.17	60.68				\$0.790	\$29.87	0.45	0.45		
Vane - Galv: 4" Double								\$0.790	\$47.94	1.67	1.67		
Total									\$78	2	2		

Recap Report
Full Recaps
Library Totals

7/10/2024 1:52:22 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle Schoo

Description	Material	Labor	
	Weight (lb)	Shop Hours	Adjusted Shop Hrs
Duct Accessory Items		0	5

Total			
		5	7

Recap Report

Full Recaps
Library Items

7/10/2024 1:52:22 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle Schoo

Description	Quantity	Length (ft)	Area	Material		Unit Cost	Total Cost (Material)	Labor			
				Weight Factor	Weight (lb)			Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Duct Accessory Items											
Damper - Fire/Smoke											
Rect Fire Dmpr	3.00							0.00			
20 x 10	1.00								5.02	1.67	6.59
24 x 10	1.00								1.67	1.67	2.24
28 x 14	1.00								1.67	1.67	2.24
Total									5		7

Recap Report

Full Recaps

General Mechanical Contractors

Printed: 7/10/2024 1:54:58 PM

Project Name: (HaverConsen) Haverhill Consentino Middle Schoo

Bid Date: 3/12/2024

Base Bid/Alternate: Base Bid

Scopes included: Drawing: PR 12 - RFI 57 JD-15, PR 12 - RFI 57 JD-16

System: <All>

Spec: <All>

Floor: <All>

Zone: PR12 New Layout

SysSymbol: <All>

**PR-12 SHEET METAL
TAKEOFF**

Project Calculation Log

Calculations date: 7/10/2024 1:48:31 PM

Calculations were run with AutoBid version: 2021.1.0

Labor Book: By Pound (& Piece)

Wage Table: QP2

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

NOT calculating detailing

NOT calculating pressure testing

Using insulation

Looking up tap material thickness separate from body/reducer

TakeOff lines: 8090 - Items processed: 7674

Errors: 0, Warnings: 0, Hints: 5

Name:

Full Recaps

Recap Report

Full Recaps

Project Grand Totals

7/10/2024 1:54:58 PM

Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle Schoo

Description	Weight (lb)	Material Weight w/ wst	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Labor Hours	Field Hours	Adjusted Field Hrs
Ductwork Library Items	237	264	\$1,417	25 0	25	25	53 7	59 7

Grand Total	237	264	\$1,417*	25	25	25	60	66
--------------------	-----	-----	----------	----	----	----	----	----

* Excludes Quotes

Recap Report
Full Recaps
Ductwork Totals

7/10/2024 1:54:57 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle Schoo

Description	Weight (lb)	Material Weight w/ wst	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Labor Hours	Field Hours	Adjusted Field Hrs
Light Aluminum	237	264	\$1,417	25	25	25	53	59
Total	237	264	\$1,417	25	25	25	53	59

Recap Report

Full Recaps

Ductwork (Material Totals)

7/10/2024 1:54:57 PM

Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle Schoo

Light Aluminum

Description	Weight (lb)	Material Weight w/ wst	Total Cost (Material)	Shop Hours	Adjusted Shop Hrs	Labor	Field Hours	Adjusted Field Hrs
Fabricated								
Rectangular Alum LP	237	264	\$1,417	25	25	25	53	59
	237	264	\$1,417	25	25	25	53	59
Total	237	264	\$1,417	25	25	25	53	59

Recap Report

Full Recaps
Ductwork (Section Totals)

7/10/2024 1:54:54 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle School
Light Aluminum (Fabricated)
Rectangular - Alum 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	9	26%	42	256	279	9,14	82	90		\$299	4	4	14	17
Short Pieces	16	46%	48	285	311	5,52	88	96		\$321	7	7	22	24
Fittings	10	29%		130	159	4,11	41	50		\$167	10	10	11	12
Duct and Fittings	35		90	672	749		212	236		786	22	22	47	52
Connectors and their Reinforcing														
Connectors	104		140							\$501	1	1	0	0
Connectors and their Reinforcing	104		140							501	1	1	0	0
Hangers														
Lower/Vertical Support	15						25	28		\$41	0	0	6	7
Upper Support	15						25	28		\$7	0	0	6	7
Hangers							25	28		49			6	7
Sealer, Flex Connectors and Turning Vanes														
Sealer, Flex Connectors and Turning Vanes										\$81	2	2	0	0
Turning Vanes										81	2	2	0	0
Sealer, Flex Connectors and Turning Vanes										81	2	2	0	0
Total							237	264		\$1,417	25	25	53	59

Recap Report

Full Recaps
Ductwork (Section Details)

7/10/2024 1:54:53 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle School
Light Aluminum (Fabricated)
Rectangular - Alum LP

Description	Quantity	Waste %	Length (ft)	Area (sq ft)	Material				Unit Cost	Total Cost (Material)	Labor				
					Area w/ wst	Weight Factor	Weight (lb)	Weight w/ wst			Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs	
Alum LP															
24 ga															
Full Length	5.00	9%	23.33	125.21	136.48	0.28	35.56	38.76	\$3,330	\$129.07	2.11	2.11	6.12	6.98	
Short Pieces	11.00	9%	34.03	185.04	201.69	0.28	52.55	57.28	\$3,330	\$190.74	4.69	4.69	13.42	13.90	
Fittings	6.00	22%		73.37	89.51	0.28	20.84	25.42	\$3,330	\$84.65	5.42	5.42	5.61	5.61	
22 ga															
Full Length	4.00	9%	18.67	130.83	142.61	0.36	46.71	50.91	\$3,330	\$169.53	2.32	2.32	7.39	9.90	
Short Pieces	5.00	9%	13.90	100.28	109.30	0.36	35.80	39.02	\$3,330	\$129.94	2.68	2.68	8.43	9.70	
Fittings	4.00	22%		56.86	69.36	0.36	20.30	24.76	\$3,330	\$82.46	4.78	4.78	5.60	6.15	
Full Length	9		42	256	279		82	90		\$299	4	4	14	17	
Short Pieces	16		48	285	311		88	96		\$321	7	7	22	24	
Fittings	10			130	159		41	50		\$167	10	10	11	12	
Total	35		90	672	749		212	236		\$786	22	22	47	52	

Recap Report
Full Recaps
Ductwork (Section Details)

7/10/2024 1:54:53 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle School
Light Aluminum (Fabricated)
Rectangular - Alum LP

Description	Quantity	Waste %	Length (ft)	Length w/ wst	Material			Unit Cost	Total Cost (Material)	Labor		
					Weight Factor	Weight (lb)	Weight w/ wst			Shop Hours	Adjusted Shop Hrs	Field Hours
Connectors and their Reinforcing												
Connectors												
Alum TDC	104.00		140.33					\$501.26		1.10	1.10	0.00
Alum TDC Cleats: 6	206.00							\$0.560				
Alum TDC Corners: Alum TDC	208.00							\$1.700				
TDC Gasket: DM Sticky Butyl		10%	142.50	156.75				\$0.080				
Zinc Chromate Nuts: 3/8	104.00							\$0.130				
Zinc Plated Bolts: 3/8 x 3/4	104.00							\$0.060				
Total								\$501		1	1	

Recap Report
Full Recaps
Ductwork (Section Details)

7/10/2024 1:54:54 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle School
Light Aluminum (Fabricated)
Rectangular - Alum LP

Description	Quantity	Waste %	Length (ft)	Length w/ wst	Material		Unit Cost	Total Cost (Material)	Shop Hours	Labor		
					Weight Factor	Weight (lb)				Weight w/ wst	Adjusted Shop Hrs	Field Hours
Lower/Vertical Support												
Galv1x18ga Strap	15.00					25.07	27.58	\$41.37	0.07	0.07	6.41	6.56
#10 Fastener/Screw: 3/4	90.00											
Galvanized Strap: 1 x 18ga	30.00	10%	139.50	153.45	0.18	25.07	27.58	\$0.270	\$41.37	0.07	0.07	
Upper Support												
Strap Attachment (1-Beam)	15.00							\$7.28	0.00		0.00	
1-Beam Clamp: 3/8	15.00							\$0.485	\$7.28			
Lower/Vertical Support	15					25	28	\$41			6	7
Upper Support	15							\$7				
Total						25	28	\$49			6	7

Recap Report
Full Recaps
Ductwork (Section Details)

7/10/2024 1:54:54 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle School
Light Aluminum (Fabricated)
Rectangular - Alum LP

Description	Quantity	Waste %	Length (ft)	Length w/ wst	Material			Unit Cost	Total Cost (Material)	Labor				
					Weight Factor	Weight (lb)	Weight w/ wst			Shop Hours	Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs	
Turning Vanes														
Galv 4" Dbl Vane	16.00	10%	28.54	31.40				\$0.790	\$80.56	2.32	2.32	0.00		
Rail - Galv: 4" Double	49.00	10%	64.17	70.58				\$0.790	\$24.80	0.37	0.37			
Vane - Galv: 4" Double								\$0.790	\$55.76	1.95	1.95			
Total									\$81	2	2			

Recap Report
Full Recaps
Library Totals

7/10/2024 1:54:58 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle Schoo

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

Total			7
--------------	--	--	---

Recap Report

Full Recaps
Library Items

7/10/2024 1:54:58 PM
Errors: 0, Warnings: 0, Hints: 5

Haverhill Consentino Middle Schoo

Description	Quantity	Length (ft)	Area	Material		Unit Cost	Total Cost (Material)	Shop Hours	Labor		
				Weight Factor	Weight (lb)				Adjusted Shop Hrs	Field Hours	Adjusted Field Hrs
Duct Accessory Items											
Damper - Fire/Smoke											
Rect Fire Dmpr	4.00							0.00		6.70	6.70
18 x 10	3.00									5.02	5.02
24 x 10	1.00									1.67	1.67
Total										7	7

Buckley Associates, Inc.

385 King Street • P.O. Box 1410
Hanover, MA 02339
(781) 878-5000
Fax (781) 871-9435



Quote Number **215619**
Bid Date 12/09/2024
Estimator Brian Lussier / 781-563-4383
Email blussier@buckleyonline.com

QUOTATION

Project **CONSENTINO RFI-141 QUOTE**
Location HAVERHILL, MA
Plan Date 12/09/2024
Engineer No Assigned Engineer
Addendum PR-12

Qty	Product	Description	Price
-----	---------	-------------	-------

SHEET METAL PRODUCTS

4	FIRE/SMOKE DAMPER	ADDITIONAL COST REQUIRED FOR UPDATING (3) FIRE DAMPERS TO COMBINATION FIRE/SMOKE DAMPERS WITH UPDATED SIZES PER LATEST RFI	\$400
---	-------------------	--	-------

Sheet Metal Notes

Unless specifically noted, all registers, grilles, and diffusers are quoted with standard white finish. All diffusers that have t-bar lay-in panels are quoted for standard 15/16 inch ceiling grid. If any type of supply diffuser or return grille is to require a sheet rock frame please add \$33 each for a 2'x2' frame and \$59 for a 4'x2' frame. Above pricing does not include cable operated dampers. If any are required, please add \$128 for each damper assembly. Filter grille pricing does not include the cost of the filters.

Terms & Conditions

The above quotation is based on standard factory lead times and a one time release unless specifically noted. Any changes or cancellations made to orders after release may be subject to additional fees. The above quotation is valid for 30 days from the date of the quote. Prices do not include local sales tax. Prices include standard ground freight. All standard terms and conditions of Buckley Associates or the manufacturer responsible for the billing applies. (Copy provided upon request)

QUOTATION TOTAL \$ 400

Michael Tomasino

From: Lussier, Brian <blussier@buckleyonline.com>
Sent: Thursday, February 13, 2025 4:20 PM
To: Michael Tomasino
Subject: OFSD vs FSD

Hi Michael,

For the (3) dampers given, it costs an additional \$350 to go with out-of-wall FSDs versus regular FSDs

Brian Lussier
Outside Sales Engineer

Mobile: (781) 563-4383

Buckley Associates, Inc. | 1099 Hingham Street | Suite 201 | Rockland, MA | 02370

Web: buckleyonline.com

Email: blussier@buckleyonline.com

[Register for Buckley Online Account Access](#) - Order Status Information and Online Ordering

Delta Controls AUTOMATIC TEMPERATURE CONTROLS – CHANGE ORDER PROPOSAL

Date: November 26, 2024

Michael Tomasino
General Mechanical Contractors, Inc.
29A Sword Street
Auburn, MA 01501

Project: The Dr Consentino Middle School, PR-12 Fire/Smoke Dampers

Thank you for giving us the opportunity to quote you on the following:

Per PR-12:

- RPO will provide, install and wire DDC controllers, end-switches, transformers, enclosures & cable to monitor (2) additional Fire/Smoke Dampers.

Material Costs.....\$1,034.58
Labor Costs..... \$3,440.40
Total..... \$4,474.98

Includes:
 Programming, Engineering & Commissioning

The following clarifications/exclusions apply:

- All work to be done during normal working hours (7:00am-3:30pm)
- All wiring to be installed using plenum rated cable where concealed and in EMT where exposed, mechanical rooms, and outside.
- Installation of Valves, Flow Meters/Stations, Smoke Detectors (div 16), VFD's, Contactors, Disconnect switches, motion sensors, Dampers, Smoke Dampers, Fire Smoke Dampers, Smoke Damper Actuators and Wells by others.

Thank you for the opportunity to be of service to you on this project. We trust that you will find the above satisfactory. If there are any questions, please do not hesitate to contact me at (office) 508-650-9400 (mobile) 508-889-5120.

Best Regards,

R.P.O'Connell, Inc.

Randy Dale
V.P. Automatic Temperature Controls Division



Century Drywall Inc.

1988 Louisquisset Pike
Lincoln, RI 02865
Ph : (401) 333-2140
Fax : (401) 334-2013

Change Request

To: Brait Builders Corporation
57 Rockwood Street
Suite 3
Marshfield, MA 02050
Ph: 781-837-6400

Number: 4
Date: 2/13/25
Job: 24-015 Consentino Middle School DW
Phone:

Description: PR #12 Added Shafts @ Closets

This Change Request consists of the following:

Please find our costs to add shaftwalls in Custodial Closets to accommodate EF ducts on 2nd - 4th floors per PR #12 & #12R1.

The total amount to provide this work is \$6,849.00

If this job is slated as an MBE project, this change request does not include a percentage of MBE participation, therefore, it is expressly understood that approval of this change request will not increase our MBE requirement, goal or obligation for this project

Submitted by: Larry Abatiello
Century Drywall Inc

Approved by: _____
Date: _____

CENTURY DRYWALL, INC.

1988 Louisquisset Pike
Lincoln, RI 02865

Phone (401) 333-2140

Fax: (401) 334-2013

2/13/2025

WORKSHEET **Constentino CR #4 PR #12 & #12R1 Shafts @ Custodian Closets** **2/13/2025**

LABOR

TRADE	REG HRS	RATE	1.5X HRS	Rate		2X HRS	RATE	PREMIUM HRS	RATE	TOTALS
Carpenter - Foreman	2.0	\$ 106.44	0.0	\$139.56		0.0	\$ 172.69	0.0	\$33.12	\$ 212.88
Carpenter	36.0	\$ 102.25	0.0	\$133.43		0.0	\$ 164.61	0.0	\$31.18	\$ 3,681.00
Taper	2.0	\$ 106.31	0.0	\$136.29		0.0	\$ 166.28	0.0	\$29.98	\$ 212.62
Laborer	2.0	\$ 86.46	0.0	\$111.43		0.0	\$ 136.41	0.0	\$24.97	\$ 172.92
TOTAL LABOR										\$ 4,279.42

MATERIAL

ITEM	UNIT	QTY	PRICE	TOTAL	Item	UNIT	QTY	PRICE	TOTAL	
16 Ga. 3-5/8" Track	LF		\$ 1.61	\$ -	1" XP Coreboard	SF	470	\$ 1.840	\$ 864.80	
16 Ga. 3-5/8" Stud	LF		\$ 1.72	\$ -	5/8" Paperless Board	SF		\$ 0.995	\$ -	
12 Ga. 6" Track	LF		\$ 3.80	\$ -	5/8" Type X Board	SF		\$ 0.550	\$ -	
14 Ga. 6" Track	LF		\$ 2.50	\$ -	5/8" Moisute & Mold Resistant Board	SF	250	\$ 0.710	\$ 177.50	
14 Ga. 6" Stud	LF		\$ 2.61	\$ -	5/8" Tile Back Board	SF		\$ 1.060	\$ -	
16 Ga. 6" Track	LF		\$ 1.91	\$ -	5/8" Cement Board	SF		\$ 1.370	\$ -	
16 Ga. 6" Stud	LF		\$ 2.02	\$ -	5/8" Impact Board	SF		\$ 1.325	\$ -	
16 Ga. 8" Track	LF		\$ 2.50	\$ -	5/8" Abuse Board	SF		\$ 1.100	\$ -	
16 Ga. 8" Stud	LF		\$ 2.61	\$ -	5/8" Sheathing	SF		\$ 1.000	\$ -	
16 Ga. 10" Track	LF		\$ 3.62	\$ -	2 x 4 PT Lumber	LF		\$ 2.300	\$ -	
16 Ga. 10" Stud	LF		\$ 3.73	\$ -	2 x 4 FT Lumber	LF		\$ 2.450	\$ -	
20 Ga. 1-5/8" Stud	LF		\$ 0.58	\$ -	2 x 6 FT Lumber	LF		\$ 2.810	\$ -	
20 Ga. 1-5/8" Track	LF		\$ 0.50	\$ -	2 x 8 FT Lumber	LF		\$ 3.010	\$ -	
20 Ga. 2-1/2" Stud	LF		\$ 0.69	\$ -	5/8" FT Plywood	SF		\$ 2.800	\$ -	
20 Ga. 2-1/2" Track	LF		\$ 0.60	\$ -	3/4" FT Plywood	SF		\$ 3.500	\$ -	
20 Ga. 2-1/2" Slotted Track	LF		\$ 1.02	\$ -	3" Mineral Wool Insulation	SF		\$ 0.870	\$ -	
20 Ga. 2-1/2" CH Stud	LF		\$ 1.28	\$ -	6" Mineral Wool Insulation	SF		\$ 1.770	\$ -	
20 Ga. 2" J Track	LF		\$ 1.17	\$ -	6 Mil Poly	SF		\$ 0.150	\$ -	
20 Ga. 3-5/8" Stud	LF		\$ 0.78	\$ -	3-1/2" Batt Insulation	SF		\$ 0.390	\$ -	
20 Ga. 3-5/8" Track	LF		\$ 0.70	\$ -	6" Batt Insulation	SF		\$ 0.600	\$ -	
20 Ga. 3-5/8" Slotted Track	LF		\$ 1.27	\$ -	Drywall Suspension Ceiling Grid	LF		\$ 0.957	\$ -	
20 Ga. 6" Stud	LF	-120	\$ 1.09	\$ (130.80)	Fry Reglet Trim	LF		\$ 6.670	\$ -	
20 Ga. 6" Track	LF	-10	\$ 0.98	\$ (9.80)	Joint Compound	EA	2	\$ 22.500	\$ 45.00	
20 Ga. 6" Slotted Track	LF	-10	\$ 1.54	\$ (15.40)	Durabond	EA		\$ 15.500	\$ -	
20 Ga. 6" CH Stud	LF	240	\$ 1.62	\$ 389.76	Cornerbead/Trim	LF		\$ 0.270	\$ -	
20 Ga. 6" J Track	LF	240	\$ 1.50	\$ 360.00	Peel Away Trim	EA		\$ 0.320	\$ -	
20 Ga. 2 x 2 angle	LF		\$ 0.55	\$ -	Firestop Caulk	EA	6	\$ 25.300	\$ 151.80	
20 Ga. 7/8" Hi-Hat	LF		\$ 0.55	\$ -	Paper Tape	LF		\$ 4.380	\$ -	
				\$ -					\$ -	
				\$ -					\$ -	
				\$ -					\$ -	
TOTAL MATERIAL										\$ 1,832.86

EQUIPMENT

ITEM	UNIT	QTY	RATE	TOTAL	ITEM	UNIT	QTY	RATE	TOTALS	
19' Scissor Lift	day	3	\$ 38.00	\$ 114.00	135' Boom Lift	DAY		\$ 555.00	\$ -	
25' RT Exterior Lift	Day		\$ 58.00	\$ -	Forklift (6,000 Lbs)	Day		\$ 152.00	\$ -	
35' RT Exterior Lift	Day		\$ 72.00	\$ -	Swing Staging Rental (Single & Triple)	Month		\$ 18,600.00	\$ -	
50' RT Exterior Lift	Day		\$ 110.00	\$ -	Firestopping Spray Machine	Day		\$ 75.00	\$ -	
40' Boom Lift	Day		\$ 112.00	\$ -	Engineering (Small Detail)	EA		\$ 1,100.00	\$ -	
80' Boom Lift	Day		\$ 216.00	\$ -	Driver with Truck	TRIP		\$ 550.00	\$ -	
TOTAL EQUIPMENT										\$ 114.00

RECAP

LABOR		\$ 4,279.42
MATERIALS		\$ 1,832.86
EQUIPMENT		\$ 114.00
SUBTOTAL OF COSTS		\$ 6,226.28
OVERHEAD AND PROFIT	10%	\$ 622.63
PROFIT	0%	\$ -
TOTAL OF ALL COSTS		\$ 6,848.91



**WAYNE J.
GRIFFIN ELECTRIC
INC.**

March 7, 2025

VIA EMAIL ONLY: tdahill@braitbuilders.com

Mr. T.J. Dahill, Project Executive
Brait Builders Corporation
57 Rockwood Road, Suite 3
Marshfield, MA 02050

RE: Job #2949 - Consentino Middle School, Haverhill, MA
Proposal #29

Dear Mr. Dahill:

Wayne J. Griffin Electric, Inc. (“WJGEI”) proposes to modify our contract to perform the following lump sum revisions to our work per our enclosed detailed backup:

DESCRIPTION OF WORK:

WJGEI are providing their cost proposal for the labor and material for the works as set out below and captured in PR-12. WJGEI has reviewed PR-12 which adds three (3) FSD which are 120volt Devices controlled by the Fire Alarm System. WJGEI are providing their cost for the following:

- To provide and install an additional three (3) 20amp Circuits for the Added Dampers located in Rooms #2064, #3039, and #4037. The added circuits shall be derived from Panels EP2B and EP3B and connected to previously installed Spare Circuit Breakers.
- To extend the Local SLC Fire Alarm Loop to each to each location and provide and install one (1) Monitor Module and one (1) PAM Relay to each FSD connected and programmed to the Fire Alarm System.

Our costs do not include any cutting, patching, painting, floor/wall protection, ceiling tile removal, or permit.

Total \$ 7,256.19

The additional work will require 2 days to be added to the completion date. This is a lump sum forward looking estimate of the above-noted change to our scope of work. This estimate represents a price we are willing to accept to assume the cost risk of this change to our ongoing work given the information provided to us.

Corporate Headquarters:

116 Hopping Brook Road
Holliston, MA 01746
Phone: (508) 429-8830
Fax: (508) 429-7825

Regional Offices:

296 Cahaba Valley Parkway
Pelham, AL 35124
Phone: (205) 733-8848
Fax: (205) 733-8107

2395 Pleasantdale Road
Suite 14
Doraville, GA 30340
Phone: (678) 417-9377
Fax: (678) 417-9373

2310 Presidential Drive
Suite 101
Durham, NC 27703
Phone: (919) 627-9724
Fax: (919) 627-9727

9801-C Southern Pine Boulevard
Charlotte, NC 28273
Phone: (704) 522-3851
Fax: (704) 522-3856

The labor and material prices contained in this proposal are based upon vendor/subcontractor quotes (if noted) and/or electrical industry pricing guides such as NECA, Trade Service, or R.S. Means, which guides are widely used and accepted in the construction industry to facilitate timely and consistent change order pricing. This estimate is offered for your review, approval and acceptance.

The value included in this proposal does not include any amounts for extended contract duration, overtime, changes in the sequence of work, acceleration, disruptions, interference and/or impacts, and the right is expressly reserved to recover any and all of these related items prior to any final settlement of this contract. The working relationship between your company and ours shall be in accordance with our mutually agreed to contract form.

Wayne J. Griffin Electric, Inc. reserves the right to void this proposal after thirty (30) days from the date above.

If you have any questions regarding the above, please do not hesitate to contact me at (508) 306-5373 or rtredgett@wjgei.com.

Very truly yours,

WAYNE J. GRIFFIN ELECTRIC, INC.



Richard Tredgett
Project Manager

RT/bhd

ACKNOWLEDGMENT: The contract modifications stated for the above proposal are acceptable for the work to be performed. The value of the work completed to the date of the next requisition may be billed on that requisition.

Date: _____ Authorized Signature: _____

cc: Michael Brait, Owner, Brait Builders Corporation, mbrait@braitbuilders.com
Jake McDonough, Assistant Project Manager, Brait Builders Corporation,
jmcdonough@braitbuilders.com
Neil Dooney, Superintendent, Brait Builders Corporation, ndooney@braitbuilders.com
Tom Donahue, Project Executive, Wayne J. Griffin Electric, Inc.
Chris Deschenes, Assistant Project Manager, Wayne J. Griffin Electric, Inc.
Victor Vargas, Assistant Project Manager, Wayne J. Griffin Electric, Inc.
Alex L'Homme, Project Foreman, Wayne J. Griffin Electric, Inc.
Jacklyn McPherson, Project Administrator, Wayne J. Griffin Electric, Inc.



CCN#: P-0029, CP - PR 12 Added FSD
Date: 3/5/2025
Project Name: Consentino Middle School
Project Number: 02949-00-24
Page Number: 1

116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

Work Description

Wayne J Griffin are providing their cost proposal for the labor and material for the works as set out below and captured in PR 12.

*WJGEI has reviewed PR 12 which adds (3) FSD which are 120 volt Devices controlled by the Fire Alarm System. WJGEI are providing their cost for the following.

*To provide and install an additional (3) 20amp Circuits for the Added Dampers located in Rooms 2064, 3039, and 4037. The added circuits will be derived from Panels, EP2B and EP3B and connected to previously installed Spare Circuit Breakers.

*To extend the Local SLC Fire Alarm Loop to each to each location and provide and install (1) Monitor Module and (1) PAM Relay to each FSD connected and programmed to the Fire Alarm System.

Our costs do not include for any cutting, patching, painting, floor/wall protection, ceiling tile removal or permit.

Itemized Breakdown

Description	Qty	Net Price	UM	Materials (\$)	Labor	Total Hours
NSG VENDOR QUOTE	1.00	1,680.0000		1,680.000	0.0000	0.000
WJGEI FA DEVICE INSTALL	1.00	0.0000		0.000	4.0000	4.000
3/4" EMT CONDUIT	52.00	1.0160	FT	52.830	0.0500	2.600
3/4" RIGID THREADED COUPLING	3.00	3.1333	EA	9.400	0.1700	0.510
3/4" EMT STEEL SET SCREW CONNECTOR	6.00	0.3600	EA	2.160	0.1000	0.600
1/2" FLEX CONDUIT	6.00	1.0983	FT	6.590	0.0400	0.240
1/2" FLEX STEEL STRAIGHT CONNECTOR	6.00	1.2833	EA	7.700	0.1200	0.720
3/4" OFFSET NIPPLE DIE CAST	3.00	3.0433	EA	9.130	0.3000	0.900
12/2 MC CABLE - 1000FT REEL	204.00	0.9997	FT	203.940	0.0300	6.120
16/2 16/2 MC FIRE ALARM BLACK,WHITE	108.00	1.4988	FT	161.870	0.0250	2.700
GROUNDING PIGTAILS #12	3.00	0.6467	EA	1.940	0.0400	0.120
4" SQ. BOX 2-1/8" DEEP 1/2" & 3/4" KO	6.00	1.7083	EA	10.250	0.3000	1.800
4" SQ. RING 3/4" RAISED 1 DEV	3.00	0.9700	EA	2.910	0.1500	0.450
4" SQ. COVER FLAT BLANK	3.00	0.6200	EA	1.860	0.0800	0.240
3/4" EMT/RIGID MINI W/BOLT	6.00	0.4117	EA	2.470	0.1250	0.750
1/4 X 4 TOGGLE BOLT	18.00	0.5494	EA	9.890	0.1200	2.160
3/8" STRAIGHT MC/BX CONNECTOR (2-SCREW)	6.00	0.7033	EA	4.220	0.1700	1.020
3/8" DUPLEX MC/BX CONNECTOR (2 SCREW)	6.00	2.2850	EA	13.710	0.1900	1.140
		Totals		2,180.87		26.07
		Tax		0.00		
		Materials with Tax		2,180.87		

Summary

	Itemized Breakdown Total		
			2,180.87
Electrical Journeyman	(26.0700 hrs @ \$100.28 / hr)	2,614.30	
			2,614.30



116 Hopping Brook Road, Holliston, MA 01746
 (508) 429-8830 FAX (508) 429-9251

CCN#: P-0029, CP - PR 12 Added FSD
Date: 3/5/2025
Project Name: Consentino Middle School
Project Number: 02949-00-24
Page Number: 2

FIELD CLEANUP	(0.78 hrs @ \$100.28 / hr)	78.22	
FIELD AS BUILTS	(0.78 hrs @ \$100.28 / hr)	78.22	
FIELD JHA/SAFETY	(0.78 hrs @ \$100.28 / hr)	78.22	
WORKING FOREMAN	(5.21 hrs @ \$100.28 / hr)	522.46	
		<u>757.12</u>	
Labor Burden	(\$3,371.42 @ 30.00%)	1,011.43	
		<u>1,011.43</u>	
Overhead & Profit	(\$6,563.72 @ 10.00%)	656.37	
		<u>656.37</u>	
Bond	(\$7,220.09 @ 0.50%)	36.10	
		<u>36.10</u>	
			<u>2,461.02</u>
Total			<u>\$7,256.19</u>

PROPOSAL REQUEST

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Owner | <input type="checkbox"/> Civil | <input type="checkbox"/> FF&E |
| <input checked="" type="checkbox"/> Architect | <input type="checkbox"/> Landscape | <input type="checkbox"/> Sustainability |
| <input checked="" type="checkbox"/> Contractor | <input type="checkbox"/> Geotech | <input type="checkbox"/> Acoustics |
| <input checked="" type="checkbox"/> O.P.M | <input type="checkbox"/> Structural | <input type="checkbox"/> Other |
| <input checked="" type="checkbox"/> CX Agent | <input checked="" type="checkbox"/> MEP-FP | <input type="checkbox"/> Other |



Project Name:	Haverhill Consentino Middle School	PR No.	012
Architect's Project No.	21-0818		
Owner:	City of Haverhill 4 Summer Street Haverhill, MA 01830	Architect:	DORE + WHITTIER 260 Merrimac St, Bldg 7, Newburyport, MA 01950
To:	Brait Builders Corporation 57 Rockwood Road Marshfield, MA 02050	Contract Date	4/1/2024
		Issue Date:	6/26/2024
Attention:	TJ Dahill	Subject:	RFI 57 – EF Duct Chase

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.

To coordinate with RFI 57, make the following revisions:

At Sheet A1.21, Level 2 Area B, add shaft walls in Cust Closet 2064 to accommodate EF ducts as shown on the attached sketch **JD-18**. Make similar revisions to A1.11, A1.31, and A1.41 Custodial closet.

At Sheet A1.52, revise detail F19 as shown on the attached sketch **JD-19**.

At Sheet M1.11, HVAC – Fire Floor Plan – Area A / B Ductwork and Sheet M1.21, HVAC – Second Floor Plan – Area A / B Ductwork, revise layouts as shown on attached sketch **JD-15**.

At Sheet M1.31, HVAC – Third Floor Plan – Area A / B Ductwork and Sheet M1.41, HVAC – Fourth Floor Plan – Area A / B Ductwork, revise layouts as shown on attached sketch **JD-16**.

At Sheet M3.11, Roof Plan – Area B, revise EF location as shown on attached sketch **JD-17**.

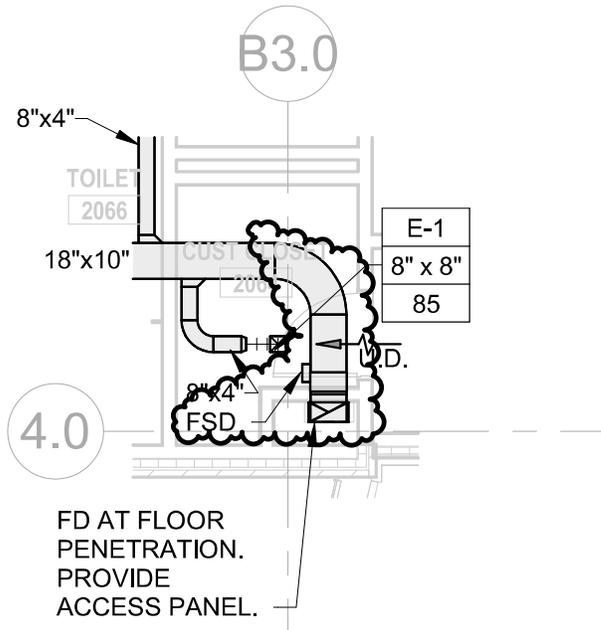
JD-15, JD-16, JD-17, JD-18, JD-19

Issued by

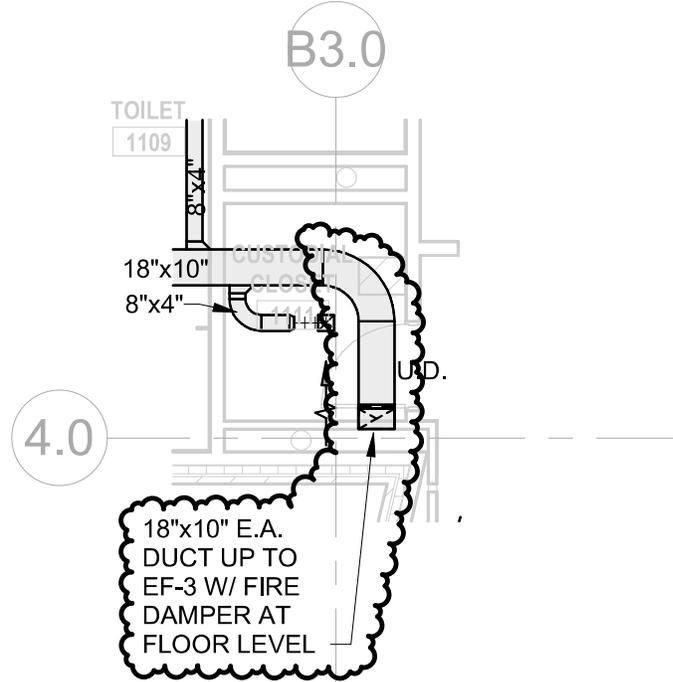
DORE + WHITTIER

Tara King

Copy: File, GGD, CX



② RFI #57 - SECOND FLOOR PLAN - AREA B - DUCT
1/8" = 1'-0"



① RFI #57 - FIRST FLOOR PLAN - AREA B - DUCT
1/8" = 1'-0"



GGD CONSULTING ENGINEERS, INC.
375 Faunce Corner Road, Suite D, Dartmouth, MA 02747-1258
p: 508-998-5700 • f: 508-998-0883 • E-MAIL: info@g-g-d.com

REF M1.31/M1.41

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CONSENTINO MIDDLE SCHOOL
685 WASHINGTON STREET
HAVERHILL, MA

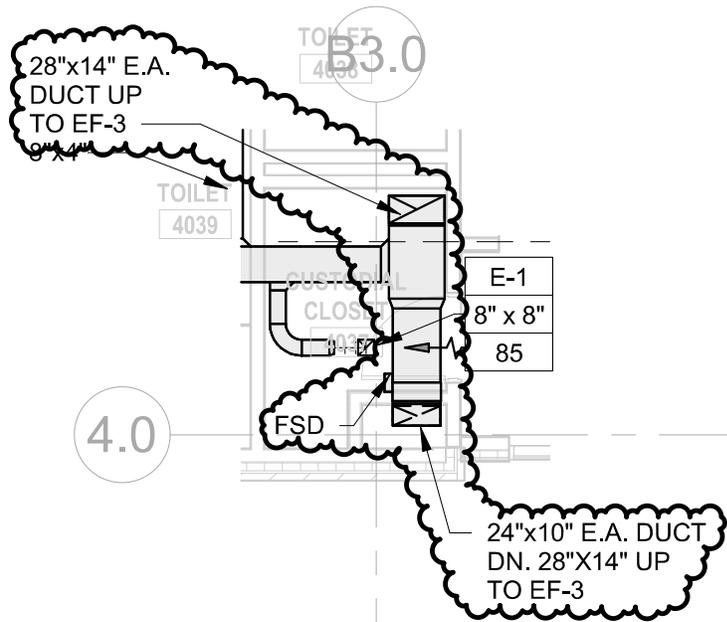
Project No.
21-0818



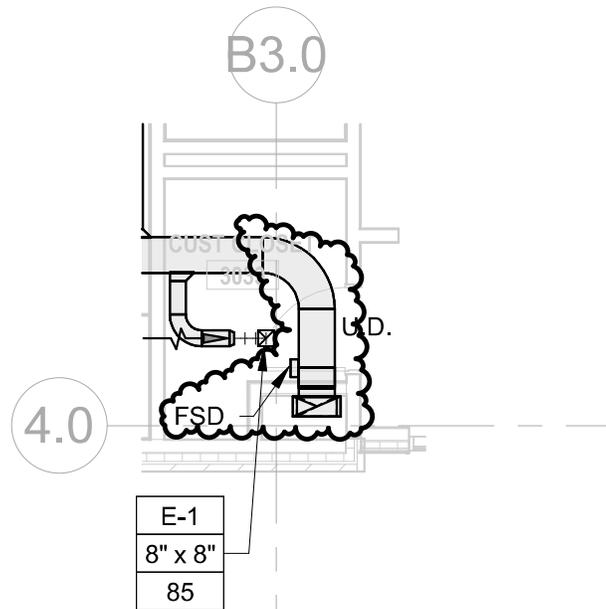
Burlington, VT 05401 (802) 863-1428	Date	06/26/24	Sheet Title
Newburyport MA 01950 (978) 499-2999	Scale		
doreandwhittier.com		1/8" = 1'-0"	

RFI #57/PR #12 -
REVISIONS TO EF-3
EXHAUST DUCT

10
JD15
M10



② RFI #57 - FOURTH FLOOR PLAN - AREA B - DUCT
1/8" = 1'-0"



① RFI #57 - THIRD FLOOR PLAN - AREA B - DUCT
1/8" = 1'-0"



GGD CONSULTING ENGINEERS, INC.
375 Faunce Corner Road, Suite D, Dartmouth, MA 02747-1258
p: 508-998-5700 • f: 508-998-0883 • E-MAIL: info@g-g-d.com

REF M1.11/M1.21

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CONSENTINO MIDDLE SCHOOL
685 WASHINGTON STREET
HAVERHILL, MA

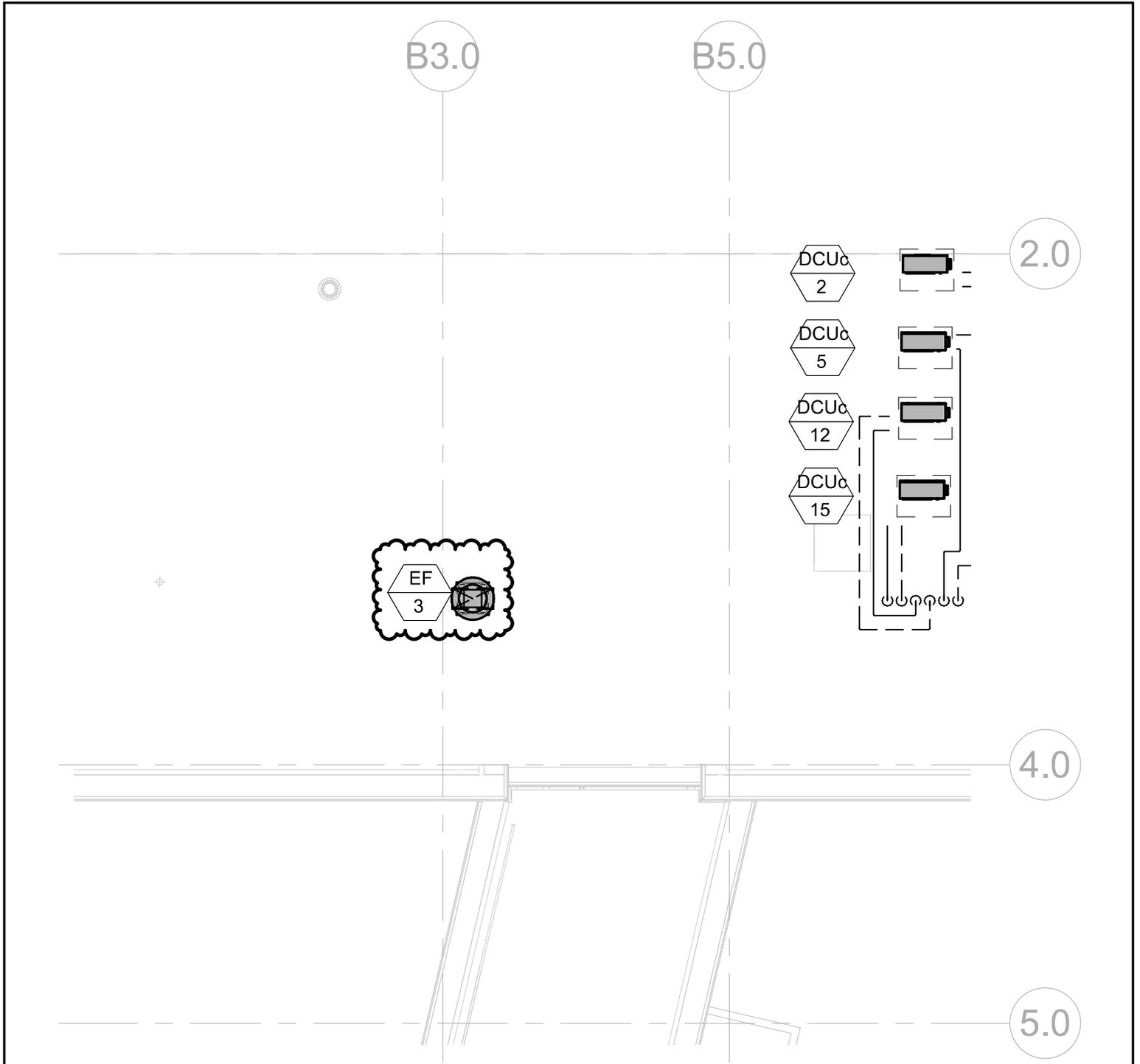
Project No.
21-0818



Burlington, VT 05401 (802) 863-1428	Date 06/26/24
Newburyport MA 01950 (978) 499-2999	Scale 1/8" = 1'-0"
doreandwhittier.com	

Sheet Title
**RFI #57/PR #12 - REVISIONS TO
EF-3 EXHAUST DUCT**

JD16
M11



1 RFI #57 - ROOF PLAN - AREA B
1/8" = 1'-0"



GGD CONSULTING ENGINEERS, INC.
375 Faunce Corner Road, Suite D, Dartmouth, MA 02747-1258
p: 508-998-5700 • f: 508-998-0883 • E-MAIL: info@g-g-d.com

REF M3.11

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CONSENTINO MIDDLE SCHOOL
685 WASHINGTON STREET
HAVERHILL, MA

Project No.
21-0818



Burlington, VT 05401 (802) 863-1428	Date 06/26/24
Newburyport MA 01950 (978) 499-2999	Scale 1/8" = 1'-0"
doreandwhittier.com	

Sheet Title
RFI #57/PR #12 - REVISIONS TO
EF-3 EXHAUST DUCT

JD17
M12

REF:

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Project No.



Burlington, VT 05401
(802) 863-1428

Newburyport MA 01950
(978) 499-2999

doreandwhittier.com

Date
Scale

Sheet Title

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REF:

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Project No.



Burlington, VT 05401
(802) 863-1428
Newburyport MA 01950
(978) 499-2999
doreandwhittier.com

Date
Scale

Sheet Title

PROPOSAL REQUEST



- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Owner | <input type="checkbox"/> Civil | <input type="checkbox"/> FF&E |
| <input checked="" type="checkbox"/> Architect | <input type="checkbox"/> Landscape | <input type="checkbox"/> Sustainability |
| <input checked="" type="checkbox"/> Contractor | <input type="checkbox"/> Geotech | <input type="checkbox"/> Acoustics |
| <input checked="" type="checkbox"/> O.P.M | <input type="checkbox"/> Structural | <input type="checkbox"/> Other |
| <input checked="" type="checkbox"/> CX Agent | <input checked="" type="checkbox"/> MEP-FP | <input type="checkbox"/> Other |

Project Name:	Haverhill Consentino Middle School	PR No.	012R1
Architect's Project No.	21-0818		
Owner:	City of Haverhill 4 Summer Street Haverhill, MA 01830	Architect:	DORE + WHITTIER 260 Merrimac St, Bldg 7, Newburyport, MA 01950
To:	Brait Builders Corporation 57 Rockwood Road Marshfield, MA 02050	Contract Date	4/1/2024
		Issue Date:	1/9/2025
Attention:	TJ Dahill	Subject:	RFI 57 – EF Duct Chase

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.

To coordinate with RFI 57, make the following revisions:

At Sheet A1.21, Level 2 Area B, add shaft walls in Cust Closet 2064 to accommodate EF ducts as shown on the attached sketch JD-18R1. Make similar revisions to A1.31 and A1.41 Custodial closet.

At Sheet A1.52, revise detail F19 as shown on the attached sketch JD-19.

At Sheet M1.11, HVAC – Fire Floor Plan – Area A / B Ductwork and Sheet M1.21, HVAC – Second Floor Plan – Area A / B Ductwork, revise layouts as shown on attached sketch JD-15.

At Sheet M1.31, HVAC – Third Floor Plan – Area A / B Ductwork and Sheet M1.41, HVAC – Fourth Floor Plan – Area A / B Ductwork, revise layouts as shown on attached sketch JD-16.

At Sheet M3.11, Roof Plan – Area B, revise EF location as shown on attached sketch JD-17.

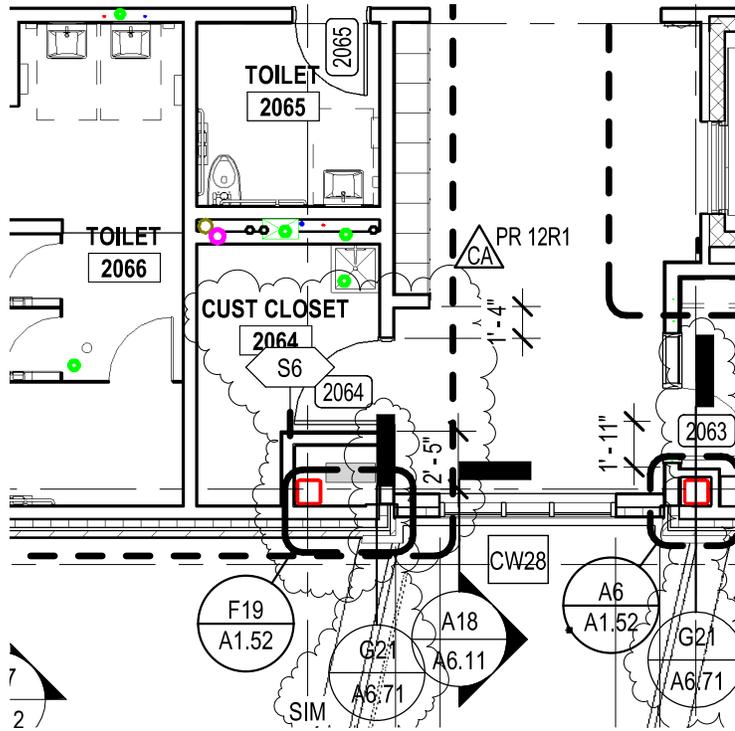
*JD-15, JD-16, JD-17, **JD-18R1**, JD-19*

Issued by

DORE + WHITTIER

Tara King

Copy: File, GGD, CX



M26 LEVEL 2 - AREA B
 1/8" = 1'-0"

REF: A1.21



March 4, 2025

Customer: Wayne J Griffin Electric
Rich Tredgett

Project: Cosentino Middle School
685 Washington Street
Haverhill, MA 01830

Scope of Services:

Quotation is for fire alarm system related changes issued in PR-12 dated 6/26/24 and PR-12R1 dated 1/9/2025. Quotation includes the below scope of work:

- (4) Addressable control module
- (4) PAM-1 Relays
- Additional programming
- Additional testing
- Revisions to Tier II documentation
- Equipment warranty
- Project management fees

Quotation specifically excludes:

- Field device installation/terminations, panel installation, cable, cable installation, device backboxes, backbox installation, 120V power, permits, Tier I documentation and sales tax.

Total Quotation Price: \$1,680.00



323 Manley Street
West Bridgewater, MA 02379
Office: 508-262-8632



Terms and Conditions:

Pricing. The pricing set forth in this Agreement is based on the number of devices to be installed and/or services to be performed as set forth in the Scope of Work ("Scope of Services"). If the actual number of devices installed or services to be performed is greater than that set forth in the Scope of Services, the price will be increased accordingly.

Subject to the limitations below, Company warrants any equipment and Software installed pursuant to this Agreement to be free from defects in material and workmanship under normal use for a period of one (1) year from the date of first beneficial use or all or any part of the Covered System(s) or 18 months after Equipment shipments, whichever is earlier.

Warranty Service: Warranty Service will be performed during Company's normal working hours. If Customer requests warranty service at other than normal working hours, service will be performed at Company's then current rates for after-hours services. All repairs or adjustments that are or may become necessary shall be performed by and authorized representative of Company. Any repairs, adjustments or interconnections performed by Customer or any third party shall void all warranties.

Code Compliance. Company does not undertake an obligation to inspect for compliance with laws or regulations unless specifically stated in the Scope of Work. Customer acknowledges that the Authority Having Jurisdiction (e.g. Fire Marshal) may establish additional requirements for compliance with local codes. Any additional services or equipment required will be provided at an additional cost to Customer.

Back charges: No charges shall be levied against the Seller unless seventy-two (72) hours prior written notice is given to Company to correct any alleged deficiencies which are alleged to necessitate such charges and unless such alleged deficiencies are solely and directly caused by Company.

Force Majeure; Delays. Company shall not be liable for any damage or penalty for delays or failure to perform work due to acts of God, acts or omissions of Customer, acts of civil or military authorities, Government regulations or priorities, fires, epidemics, quarantine, restrictions, war, riots, civil disobedience or unrest, strikes, delays in transportation, vehicle shortages, differences with workmen, inability to obtain necessary labor, material or manufacturing facilities, defaults of Company's subcontractors, failure or delay in furnishing complete information by Customer with respect to location or other details of work to be performed, impossibility or impracticability of performance or any other cause or causes beyond Company's control, whether or not similar to the foregoing.

Termination. Any termination under the terms of this Agreement shall be made in writing. In the event Customer terminates this Agreement prior to completion for any reason not arising solely from Company's performance or failure to perform, Customer understands and agrees that Company will incur costs of administration and preparation that are difficult to estimate or determine. Accordingly, should Customer terminate this Agreement as described above, Customer agrees to pay all charges incurred for products and equipment installed and services performed, and in addition pay an amount equal to twenty (20%) percent of the price of products and equipment not yet delivered and Services not yet performed, return all products and equipment delivered and pay a restocking fee of twenty (20%) percent the price of products or equipment returned.

Shipping: Complete order from manufacturer(s) drop shipped to EC destination of choice

Payment. FOB net 30 no retainage on material

Please feel free to contact us by any means with questions or concerns. Thanks for the opportunity.

Respectfully,



Torrey M. Champignie
Senior Project Engineer, NSG Life Safety
323 Manley Street, West Bridgewater, MA 02379
O: 508-262-8207 | M: 781-724-3983
tchampignie@nsglifesafety.com | www.nsglifesafety.com



323 Manley Street
West Bridgewater, MA 02379
Office: 508-262-8632

PCO REVIEW FORM



Project Name: **Haverhill Consentino Middle School**

PCO No.

073

Architect's Project No. **21-0818**

Subject: **Music Storage Cabinets**

PCO Issue Date: **2025.12.19**

PCO Reviewed: **2025.04.08**

The following is a summary of the Design Team review of the above referenced Proposed Change Order (PCO). Refer to summary below *and* attached comments. Acceptance of this PCO – or partial acceptance – shall not constitute a change to the construction contract or a directive to proceed with the work. PCO review is only a recommendation to the Owner regarding the validity and cost of the proposed PCO. Final approval shall be by the Owner per contract.

CATEGORY					
Elective / Owner	X	Town/AHJ/Other		Unforeseen	
Design		Other		GC Expenditure	

PCO shall be reviewed by each consultant with relevant work included:

Reviewed	Revise	Rejected	Consultant:	Reviewer:	Comments:
X			Architectural:	T. King / M. Rogers	D+W has reviewed the attached PCO finds the fees to be fair and reasonable
			Site/Civil:		
			Traffic:		
			Geotechnical:		
			Landscape:		
			Wetlands:		
			Haz Materials:		
			Structural:		
			Acoustical:		
			Foodservice:		
			Fire Protection:		
			Plumbing:		
			HVAC:		
			Electrical:		
			Lighting:		
			Telecomm:		
			Building Security:		
			Audio-Visual:		
			Theatrical:		
			Door Hardware:		
			Sustainability		
			Other:		

Michele Barbaro-Rogers



X	Design Team Recommends Approval
	Design Team Does Not Recommend Approval

Brait Builders Corp.

57 Rockwood Road
Suite 3
Marshfield , MA 02050

Phone: (781) 837-6400
Fax: (781) 837-6153

PROPOSED CHANGE ORDER

No. CMS-073

TITLE: PR-48 Music Storage Cabinets

DATE: 03/18/2025

PROJECT: Dr. Albert B. Consentino Middle School

JOB: CSM-2024

TO: City of Haverhill
685 Washington Street
Haverhill, MA

CONTRACT NO:

DESCRIPTION OF CHANGE

Costs associated with the attached for PR-48 Music Storage Cabinets.

Item	Description	Quantity	Units	Unit Price	Labor Burden	Burden Amount	Net Amount
1	Procraft COR	1	LS	\$12,349.00		\$0.00	\$12,349.00
2	Brait - OH&P - 5%	0	%	\$12,349.00		\$0.00	\$617.45
3	Brait - Bond - 2%	0	%	\$12,966.45		\$0.00	\$259.33

Lump Sum: \$13,225.78

Total: \$13,225.78

Dore & Whittier

By: _____

Date: _____

City of Haverhill

By: Stephen Dorrance
reviewed and approved.

Date: 4/29/2025

Brait Builders

By: T.J. Dahill

T.J. Dahill

Date: 3-18-25

Owners Project Manager

By: Suzanna Yeung

Suzanna Yeung

Date: 4/8/2025

DW: Recommend approval



Architectural Millwork • Custom Cabinetry

TJ Dahill
Brait Construction Managers

3/17/25

PROCRAFT CORPORATION

416 River Rd. • PO Box 298

New Boston, NH 03070

www.procraftcorp.com

Phone: 603-487-2080

Fax: 603-487-2086

RE: **Consentino Middle School**
Haverhill, MA

Change Order Request

We propose to Furnish and Install the following changes per PR 48 dated 3/03/25.

- Add lockable steel grille doors at Music room Wenger cabinets.

Cabinet doors \$ 11,226.00

10% M/U \$ 1,123.00

Sub-Total \$ 12,349.00

Exclusions:

- Tax
- Outlet and covers

TOTAL FURNISH AND INSTALL \$ 12,349.00

Alternate:

- Add keyed locks, in lieu of owner provided. \$ 706.00

Alternate not accepted

*ProCraft reserves the right to withdraw or revise this proposal if not accepted within 7 days of bid date.
Contract subject to Material Escalation Clause*

Thank you,

Gary Benoit
gbenoit@procraftcorp.com



PROPOSAL REQUEST

- | | | |
|--|-------------------------------------|---|
| <input checked="" type="checkbox"/> Owner | <input type="checkbox"/> Civil | <input type="checkbox"/> FF&E |
| <input checked="" type="checkbox"/> Architect | <input type="checkbox"/> Landscape | <input type="checkbox"/> Sustainability |
| <input checked="" type="checkbox"/> Contractor | <input type="checkbox"/> Geotech | <input type="checkbox"/> Acoustics |
| <input checked="" type="checkbox"/> O.P.M | <input type="checkbox"/> Structural | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> CX Agent | <input type="checkbox"/> MEP-FP | <input type="checkbox"/> Other |



Project Name:	Haverhill Consentino Middle School	PR No.	48
Architect's Project No.	21-0818		
Owner:	City of Haverhill 4 Summer Street Haverhill, MA 01830	Architect:	DORE + WHITTIER 260 Merrimac St, Bldg 7, Newburyport, MA 01950
To:	Brait Builders Corporation 57 Rockwood Road Marshfield, MA 02050	Contract Date	4/1/2024
		Issue Date:	3/3/2025
Attention:	TJ Dahill	Subject:	Music Storage Cabinet

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.

To coordinate with Owner request, make the following revisions:

At Music Storage 1049, and Multi-Purple Music Room 1053, provide full length, lockable straight steel grille door with heavy-duty hardware and powder coat paint finish. Provide (1) door/grille per vertical cabinet. Provide separate line item for individual keyed lock at each cabinet in lieu of owner provided. Refer to specification 2.07 Hardware for additional clarification on keying.

Issued by

DORE + WHITTIER
Tara King

Copy: File

PCO REVIEW FORM

Project Name: **Haverhill Consentino Middle School**

PCO No.



Architect's Project No. **21-0818**

Subject: **RFI Rated Horizontal Assembly**

PCO Issue Date: **2025.04.01**

PCO Reviewed: **2025.04.08**

The following is a summary of the Design Team review of the above referenced Proposed Change Order (PCO). Refer to summary below *and* attached comments. Acceptance of this PCO – or partial acceptance – shall not constitute a change to the construction contract or a directive to proceed with the work. PCO review is only a recommendation to the Owner regarding the validity and cost of the proposed PCO. Final approval shall be by the Owner per contract.

CATEGORY					
Elective / Owner		Town/AHJ/Other		Unforeseen	
Design	X	Other		GC Expenditure	

PCO shall be reviewed by each consultant with relevant work included:

Reviewed	Revise	Rejected	Consultant:	Reviewer:	Comments:
X			Architectural:	T. King / M. Rogers	D+W has reviewed the attached PCO and recommends approval
			Site/Civil:		
			Traffic:		
			Geotechnical:		
			Landscape:		
			Wetlands:		
			Haz Materials:		
			Structural:		
			Acoustical:		
			Foodservice:		
			Fire Protection:		
			Plumbing:		
X			HVAC:	GGD	reviewed
			Electrical:		
			Lighting:		
			Telecomm:		
			Building Security:		
			Audio-Visual:		
			Theatrical:		
			Door Hardware:		
			Sustainability		
			Other:		

Michele Barbaro-Rogers



X	Design Team Recommends Approval
	Design Team Does Not Recommend Approval

Brait Builders Corp.

57 Rockwood Road
Suite 3
Marshfield , MA 02050

Phone: (781) 837-6400
Fax: (781) 837-6153

PROPOSED CHANGE ORDER

No. CMS-076

TITLE: PR-47 RFI 183 Rated Horizontal
Assembly
PROJECT: Dr. Albert B. Consentino Middle
School
TO: City of Haverhill
685 Washington Street
Haverhill, MA

DATE: 04/01/2025
JOB: CSM-2024
CONTRACT NO:

DESCRIPTION OF CHANGE

Costs associated with the attached for PR-47 RFI 183 Rated Horizontal Assembly.

Item	Description	Quantity	Units	Unit Price	Labor Burden	Burden Amount	Net Amount
1	CDI CR-11	1	LS	\$7,431.00		\$0.00	\$7,431.00
2	Brait - OH&P - 5%	0	%	\$7,431.00		\$0.00	\$371.55
3	Brait - Bond - 2%	0	%	\$7,802.55		\$0.00	\$156.05

Lump Sum: \$7,958.60

Total: \$7,958.60

Dore & Whittier

By: _____

Date: _____

Brait Builders

By: T.J. Dahill
T.J. Dahill

Date: 4-1-25

City of Haverhill

By: Stephen Dorrance
reviewed and approved.

Date: 4/29/2025

Owners Project Manager

By: Suzanna Yeung
Suzanna Yeung

Date: 4/8/2025

DW - We find the subject PCO fair and reasonable for Century Drywall. However, there are no mechanical costs included with subject PCO. Contractor has confirmed no additional changes will be issued per RFI 183R1.



Century Drywall Inc.

1988 Louisquisset Pike
Lincoln, RI 02865
Ph : (401) 333-2140
Fax : (401) 334-2013

Change Request

To: Brait Builders Corporation
57 Rockwood Street
Suite 3
Marshfield, MA 02050
Ph: 781-837-6400

Number: 11
Date: 3/11/25
Job: 24-015 Consentino Middle School DW
Phone:

Description: PR #47 Horizontal Rated Assemblies @ Shafts

This Change Request consists of the following:

Please find our costs to install horizontal shaft assemblies at the 2nd Floor slab in the Plumbing Storage Room shafts per PR #47.

The total amount to provide this work is \$7,431.00

If this job is slated as an MBE project, this change request does not include a percentage of MBE participation, therefore, it is expressly understood that approval of this change request will not increase our MBE requirement, goal or obligation for this project

Submitted by: Larry Abatiello
Century Drywall Inc

Approved by: _____
Date: _____

CENTURY DRYWALL, INC.

1988 Louisquisset Pike

Lincoln, RI 02865

Phone (401) 333-2140

Fax: (401) 334-2013

3/11/2025

16hrs per shaft

WORKSHEET **Constentino CR #11 PR #47 Horizontal Assemblies @ 2nd Floor Slab** **3/11/2025**

LABOR

TRADE	REG HRS	RATE	1.5X HRS	Rate	2X HRS	RATE	PREMIUM HRS	RATE	TOTALS
Carpenter - Foreman	1.0	\$ 108.37	0.0	\$142.26	0.0	\$ 176.15	0.0	\$33.89	\$ 108.37
Carpenter	48.0	\$ 104.17	0.0	\$136.11	0.0	\$ 168.05	0.0	\$31.94	\$ 5,000.16
Taper	2.0	\$ 108.06	0.0	\$138.61	0.0	\$ 169.15	0.0	\$30.55	\$ 216.12
Laborer	2.0	\$ 88.22	0.0	\$113.56	0.0	\$ 138.90	0.0	\$25.34	\$ 176.44
TOTAL LABOR									\$ 5,501.09

MATERIAL

ITEM	UNIT	QTY	PRICE	TOTAL	Item	UNIT	QTY	PRICE	TOTAL
16 Ga. 3-5/8" Track	LF		\$ 1.61	\$ -	1" XP Coreboard	SF	150	\$ 1,840	\$ 276.00
16 Ga. 3-5/8" Stud	LF		\$ 1.72	\$ -	5/8" Paperless Board	SF		\$ 0.995	\$ -
12 Ga. 6" Track	LF		\$ 3.80	\$ -	5/8" Type X Board	SF		\$ 0.550	\$ -
14 Ga. 6" Track	LF		\$ 2.50	\$ -	5/8" Moisute & Mold Resistant Board	SF	450	\$ 0.710	\$ 319.50
14 Ga. 6" Stud	LF		\$ 2.61	\$ -	5/8" Tile Back Board	SF		\$ 1.060	\$ -
16 Ga. 6" Track	LF		\$ 1.91	\$ -	5/8" Cement Board	SF		\$ 1.370	\$ -
16 Ga. 6" Stud	LF		\$ 2.02	\$ -	5/8" Impact Board	SF		\$ 1.325	\$ -
16 Ga. 8" Track	LF		\$ 2.50	\$ -	5/8" Abuse Board	SF		\$ 1.100	\$ -
16 Ga. 8" Stud	LF		\$ 2.61	\$ -	5/8" Sheathing	SF		\$ 1.000	\$ -
16 Ga. 10" Track	LF		\$ 3.62	\$ -	2 x 4 PT Lumber	LF		\$ 2.300	\$ -
16 Ga. 10" Stud	LF		\$ 3.73	\$ -	2 x 4 FT Lumber	LF		\$ 2.450	\$ -
20 Ga. 1-5/8" Stud	LF		\$ 0.58	\$ -	2 x 6 FT Lumber	LF		\$ 2.810	\$ -
20 Ga. 1-5/8" Track	LF		\$ 0.50	\$ -	2 x 8 FT Lumber	LF		\$ 3.010	\$ -
20 Ga. 2-1/2" Stud	LF		\$ 0.69	\$ -	1/2" FT Plywood	SF		\$ 2.200	\$ -
20 Ga. 2-1/2" Track	LF		\$ 0.60	\$ -	5/8" FT Plywood	SF		\$ 2.800	\$ -
20 Ga. 2-1/2" Slotted Track	LF		\$ 1.02	\$ -	3/4" FT Plywood	SF		\$ 3.500	\$ -
20 Ga. 2-1/2" CH Stud	LF		\$ 1.28	\$ -	3" Mineral Wool Insulation	SF		\$ 0.870	\$ -
20 Ga. 2" J Track	LF		\$ 1.17	\$ -	6" Mineral Wool Insulation	SF		\$ 1.770	\$ -
20 Ga. 3-5/8" Stud	LF		\$ 0.78	\$ -	6 Mil Poly	SF		\$ 0.150	\$ -
20 Ga. 3-5/8" Track	LF		\$ 0.70	\$ -	3-1/2" Batt Insulation	SF		\$ 0.390	\$ -
20 Ga. 3-5/8" Slotted Track	LF		\$ 1.27	\$ -	6" Batt Insulation	SF		\$ 0.600	\$ -
20 Ga. 4" CH Stud	LF	150	\$ 1.45	\$ 217.50	Drywall Suspension Ceiling Grid	LF		\$ 0.957	\$ -
20 Ga. 4" J Track	LF	200	\$ 1.34	\$ 267.00	Fry Reglet Trim	LF		\$ 6.670	\$ -
20 Ga. 6" Stud	LF		\$ 1.09	\$ -	Joint Compound	EA	1	\$ 22.500	\$ 22.50
20 Ga. 6" Track	LF		\$ 0.98	\$ -	Durabond	EA		\$ 15.500	\$ -
20 Ga. 6" Slotted Track	LF		\$ 1.54	\$ -	Cornerbead/Trim	LF		\$ 0.270	\$ -
20 Ga. 6" CH Stud	LF		\$ 1.62	\$ -	Peel Away Trim	EA		\$ 0.320	\$ -
20 Ga. 6" J Track	LF		\$ 1.50	\$ -	Firestop Caulk	EA	6	\$ 25.300	\$ 151.80
20 Ga. 2 x 2 angle	LF		\$ 0.55	\$ -	Paper Tape	LF		\$ 4.380	\$ -
20 Ga. 7/8" Hi-Hat	LF		\$ 0.55	\$ -					\$ -
TOTAL MATERIAL									\$ 1,254.30

EQUIPMENT

ITEM	UNIT	QTY	RATE	TOTAL	ITEM	UNIT	QTY	RATE	TOTALS
19' Scissor Lift	day		\$ 38.00	\$ -	135' Boom Lift	DAY		\$ 555.00	\$ -
25' RT Exterior Lift	Day		\$ 58.00	\$ -	Forklift (6,000 Lbs)	Day		\$ 152.00	\$ -
35' RT Exterior Lift	Day		\$ 72.00	\$ -	Swing Staging Rental (Single & Triple)	Month		\$ 18,600.00	\$ -
50' RT Exterior Lift	Day		\$ 110.00	\$ -	Firestopping Spray Machine	Day		\$ 75.00	\$ -
40' Boom Lift	Day		\$ 112.00	\$ -	Engineering (Small Detail)	EA		\$ 1,100.00	\$ -
80' Boom Lift	Day		\$ 216.00	\$ -	Driver with Truck	TRIP		\$ 550.00	\$ -
TOTAL EQUIPMENT									\$ -

RECAP

LABOR	\$ 5,501.09
MATERIALS	\$ 1,254.30
EQUIPMENT	\$ -
SUBTOTAL OF COSTS	\$ 6,755.39
OVERHEAD AND PROFIT	10% \$ 675.54
PROFIT	0% \$ -
TOTAL OF ALL COSTS	\$ 7,430.93

for review purposes only - 2450 per shaft

PROPOSAL REQUEST

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Owner | <input type="checkbox"/> Civil | <input type="checkbox"/> FF&E |
| <input checked="" type="checkbox"/> Architect | <input type="checkbox"/> Landscape | <input type="checkbox"/> Sustainability |
| <input checked="" type="checkbox"/> Contractor | <input type="checkbox"/> Geotech | <input type="checkbox"/> Acoustics |
| <input checked="" type="checkbox"/> O.P.M | <input type="checkbox"/> Structural | <input type="checkbox"/> Other |
| <input type="checkbox"/> CX Agent | <input checked="" type="checkbox"/> MEP-FP | <input type="checkbox"/> Other |



Project Name:	Haverhill Consentino Middle School	PR No.	47
Architect's Project No.	21-0818		
Owner:	City of Haverhill 4 Summer Street Haverhill, MA 01830	Architect:	DORE + WHITTIER 260 Merrimac St, Bldg 7, Newburyport, MA 01950
To:	Brait Builders Corporation 57 Rockwood Road Marshfield, MA 02050	Contract Date	4/1/2024
		Issue Date:	2/12/2025
Attention:	TJ Dahill	Subject:	RFI183 Rated Horizontal Assembly

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.

On Level 1 Area A and B, at Level 2 slab and ducts at shafts (Plumbing Storage rooms, 1081, 1101, 1119), provide 2hr horizontal assembly as shown on attached sketch **JD-91**.

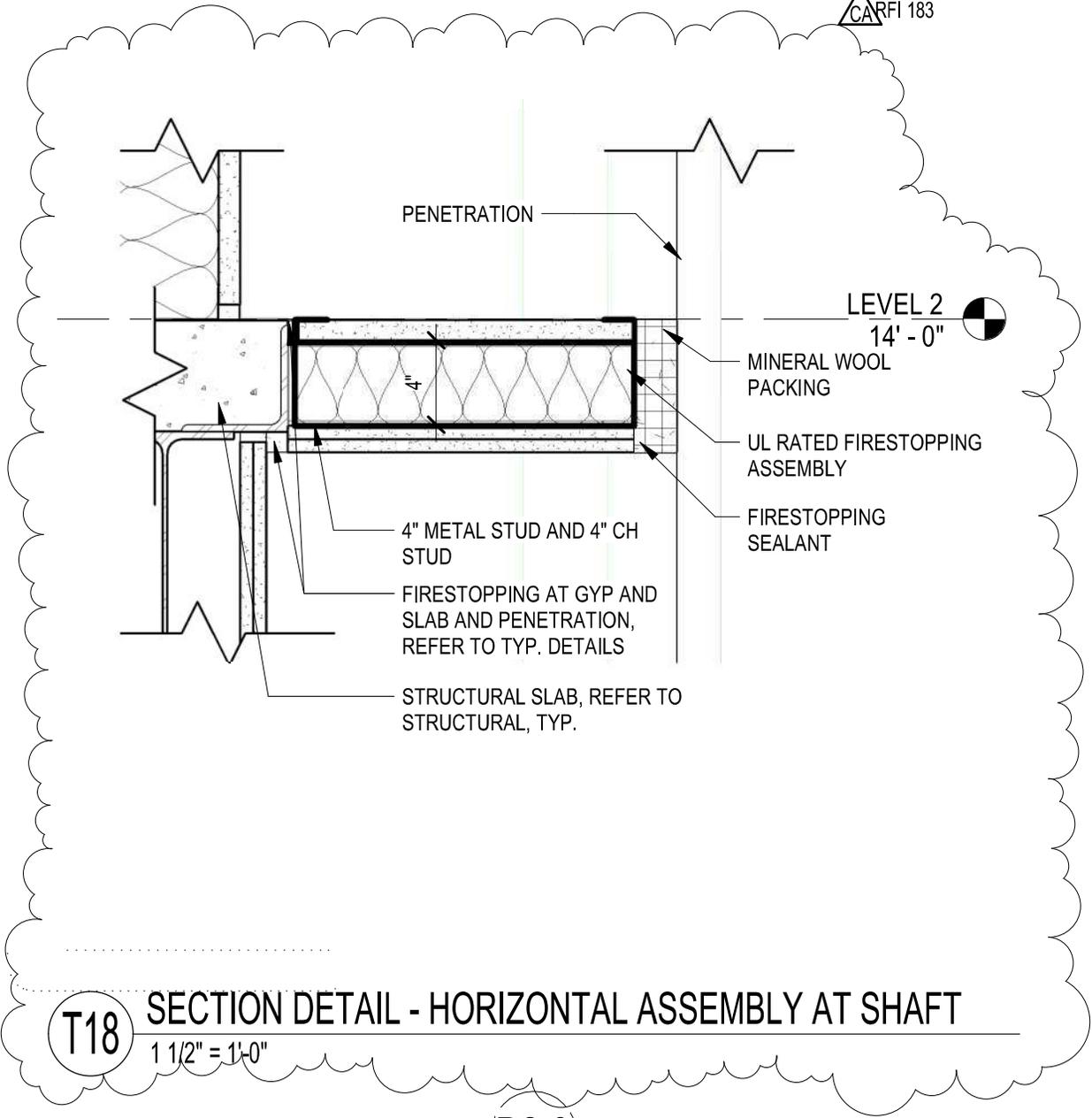
JD-91

Issued by

DORE + WHITTIER
Tara King

Copy: File, GGD

PR 47
CARFI 183



T18

SECTION DETAIL - HORIZONTAL ASSEMBLY AT SHAFT

1 1/2" = 1'-0"

(R20)

REF: T18/A6.59

**CONSENTINO MIDDLE SCHOOL
685 WASHINGTON STREET
HAVERHILL, MA**

Project No.
21-0818



Burlington, VT 05401 (802) 863-1428	Date 01.30.2025	Sheet Title MID WALL DETAIL
Newburyport MA 01950 (978) 499-2999	Scale 1 1/2" = 1'-0"	
doreandwhittier.com		

JD - 91

PCO REVIEW FORM



Project Name: **Haverhill Consentino Middle School**

PCO No.

078

Architect's Project No. **21-0818**

Subject: **Modified Window Trim**

PCO Issue Date: **2025.03.12**

PCO Reviewed: **2025.04.01**

The following is a summary of the Design Team review of the above referenced Proposed Change Order (PCO). Refer to summary below *and* attached comments. Acceptance of this PCO – or partial acceptance – shall not constitute a change to the construction contract or a directive to proceed with the work. PCO review is only a recommendation to the Owner regarding the validity and cost of the proposed PCO. Final approval shall be by the Owner per contract.

CATEGORY					
Elective / Owner	X	Town/AHJ/Other		Unforeseen	
Design		Other		GC Expenditure	

PCO shall be reviewed by each consultant with relevant work included:

Reviewed	Revise	Rejected	Consultant:	Reviewer:	Comments:
X			Architectural:	T. King / M. Rogers	DW takes no exception to this PCO
			Site/Civil:		
			Traffic:		
			Geotechnical:		
			Landscape:		
			Wetlands:		
			Haz Materials:		
			Structural:		
			Acoustical:		
			Foodservice:		
			Fire Protection:		
			Plumbing:		
			HVAC:		
			Electrical:		
			Lighting:		
			Telecomm:		
			Building Security:		
			Audio-Visual:		
			Theatrical:		
			Door Hardware:		
			Sustainability		
			Other:		

Michele Barbaro-Rogers

Michele Barbaro-Rogers



Digitally signed by Michele Barbaro-Rogers
DN: c=US,
e=mrogers@doreandwhittier.com,
cn=Michele Barbaro-Rogers
Reason: I have reviewed this document
Date: 2025.04.01 17:13:42-0400

X	Design Team Recommends Approval
	Design Team Does Not Recommend Approval

Brait Builders Corp.

57 Rockwood Road
Suite 3
Marshfield , MA 02050

Phone: (781) 837-6400
Fax: (781) 837-6153

PROPOSED CHANGE ORDER

No. CMS-078

TITLE: Modified Window Trim

DATE: 03/12/2025

PROJECT: Dr. Albert B. Consentino Middle School

JOB: CSM-2024

TO: City of Haverhill
685 Washington Street
Haverhill, MA

CONTRACT NO:

DESCRIPTION OF CHANGE

Costs associated with the attached for Modified Window Trim.

Item	Description	Quantity	Units	Unit Price	Labor Burden	Burden Amount	Net Amount
1	Lymo CO-01	1	LS	\$23,707.20		\$0.00	\$23,707.20
2	Brait - OH&P - 5%	0	%	\$23,707.20		\$0.00	\$1,185.36
3	Brait - Bond - 2%	0	%	\$24,892.56		\$0.00	\$497.85

Lump Sum: \$25,390.41

Total: \$25,390.41

Dore & Whittier

By: _____

Date: _____

City of Haverhill

By: Stephen Dorrance
reviewed and approved.

Date: 4/29/2025

Brait Builders

By: T.J. Dahill

T.J. Dahill

Date: 3-12-25

Owners Project Manager

By: Suzanna Yeung

Suzanna Yeung

Date: 4/4/2025

DW - no comment

CPL - Owner request
following mockup
review



ARCHITECTURAL PANEL SYSTEMS

44 WENTWORTH AVE, LONDONDERRY, NH, 03053, P:(603) 626-8800 EXT. 121, F:(603) 626-8811

CHANGE ORDER REQUEST

Change Request No.: #001

To: Brait Builders Corp
 57 Rockwood Rd.
 Marshfield, MA 02050
 Ph: (781) 837-6400

Attn: TJ Dahill
 Consentino Elementary School
 Haverhill, MA

Project Number: 2401
Contract Number: _____

Date: 12-Mar-25

WE HEREBY AGREE TO MAKE THE CHANGE(S) SPECIFIED BELOW:

Cost to purchase custom 1" Versa-Lok trim to install in lieu of standard 2" trim for all window openings.
 NOTE: The standard 2" trim has already been purchased and Atas will not issue a credit as they fabricate materials as they are ordered. 2" trim is still to be used at conditions other than windows.

Description	Units	Rate (\$)	
Materials			
1" Versa-Lok Snap J Cover	360 pcs	\$ 54.45	\$ 19,602.00
Freight			
Trucking from manufacturer	1 ea.	\$ 750.00	\$ 750.00
Installation			
No Impact	0 ea.	\$ -	\$ -
Equipment			
No Impact	0 ea.	\$ -	\$ -
Shop Drawing Revision			
	1 ea.	\$ 1,200.00	\$ 1,200.00
		10% O/H & P	\$ 2,155.20
		Change Order Total =	\$ 23,707.20

NOTE: THIS CHANGE ORDER BECOMES PART OF AND IN CONFORMANCE WITH THE EXISTING CONTRACT.

WE AGREE HEREBY TO MAKE THE CHANGE(S) SPECIFIED ABOVE AT THIS PRICE

DATE 12-Mar-25

AUTHORIZED SIGNATURE

CHANGE ORDER AMOUNT

\$ -
 \$ 23,707.20

DATE OF ACCEPTANCE

ACCEPTED - THE ABOVE PRICES AND SPECIFICATIONS OF THIS CHANGE ORDER ARE SATISFACTORY AND ARE HEREBY ACCEPTED. ALL WORK TO BE PERFORMED UNDER SAME TERMS AND CONDITIONS AS SPECIFIED IN THE ORIGINAL CONTRACT UNLESS OTHERWISE STIPULATED.

SIGNATURE

(OWNER)

Steve Emond

From: Paul Penaskovic <Paul.Penaskovic@LWSupply.com>
Sent: Wednesday, February 19, 2025 5:25 PM
To: Steve Emond
Subject: Re: [EXTERNAL] Atas Custom Trim

Hi Steve,

I have been told that Atas can make the Snap Cover as you want it. There is no minimum that they need to order and your cost is \$45.00 for 12' long - .032 Alum – Standard Color.

We could get this out in about 2 weeks.

Let me know if you have any questions.

Thank you
Paul Penaskovic
L&W Supply
M: 603-682-4956

On Feb 18, 2025, at 3:01 PM, Steve Emond <semond@lymoconstruction.com> wrote:

Hi Paul,

Just had another mock-up call with the team at Consentino Middle School. They are asking us to price some closure pieces that don't exist in Atas' catalog. You might recall the architect asking about a 1" trim piece to trim out around the openings. We would be looking for a modified snap J cover as depicted below. Where Atas is showing the * on the 2" dimension, my understanding is this leg is customizable. If we move forward with this, I'm assuming that we can use the Snap J Base that we've already purchased (please confirm this).

Could you please provide the minimum order quantity and pricing for this modified Snap J Cover? Also, could you please ask Atas to comment on whether there are any potential negative impacts if this change is made?



DIFFERENCE DELIVERED

RECEIVED

MAR 10 2025

LYMO CONSTRUCTION

Jonathan Donegan
District Manager – New England

February 14, 2025

To Our Valued Customers,

Manufacturers have announced price increases on the products listed below. Because of these manufacturer price increases, L&W Supply will increase pricing as follows:

Category	Amount	Date
METAL FRAMING		
All Metal Framing Products	10%	March 14, 2025
All Metal Framing Products	10%	April 1, 2025
METAL LATH & STUCCO WIRE		
All Metal Lath & Stucco Wire Products	10%	March 14, 2025
All Metal Lath & Stucco Wire Products	10%	April 1, 2025
METAL TRIMS		
All Metal Trim Products	10%	March 14, 2025
All Metal Trim Products	10%	April 1, 2025

A complete listing of manufacturer price increases is available on our website in the Resource Center (<https://lwsupply.com/resource-center/manufacturer-pricing-updates/>) and a full list of quote terms is available on our website (<https://lwsupply.com/help/terms-of-conditions-of-quotation/>). If you have questions about pricing or lead times, please feel free to reach out to your L&W Sales Representative.

We appreciate your support of L&W Supply and we will continue to provide you the high quality service and products that you deserve.

Sincerely,

Jon Donegan
District Manager – New England
Jonathan.donegan@lwsupply.com

PCO REVIEW FORM

Project Name: **Haverhill Consentino Middle School** PCO No.



Architect's Project No. **21-0818**

Subject: **Multivista Construction Document** PCO Issue Date: **2025.03.25**
 PCO Reviewed: **2025.03.27**

The following is a summary of the Design Team review of the above referenced Proposed Change Order (PCO). Refer to summary below *and* attached comments. Acceptance of this PCO – or partial acceptance – shall not constitute a change to the construction contract or a directive to proceed with the work. PCO review is only a recommendation to the Owner regarding the validity and cost of the proposed PCO. Final approval shall be by the Owner per contract.

CATEGORY					
Elective / Owner	X	Town/AHJ/Other		Unforeseen	
Design		Other		GC Expenditure	

PCO shall be reviewed by each consultant with relevant work included:

Reviewed	Revise	Rejected	Consultant:	Reviewer:	Comments:
X			Architectural:	T. King / M. Rogers	This PCO is an Owner Elective – DW takes no exception to this
			Site/Civil:		
			Traffic:		
			Geotechnical:		
			Landscape:		
			Wetlands:		
			Haz Materials:		
			Structural:		
			Acoustical:		
			Foodservice:		
			Fire Protection:		
			Plumbing:		
			HVAC:		
			Electrical:		
			Lighting:		
			Telecomm:		
			Building Security:		
			Audio-Visual:		
			Theatrical:		
			Door Hardware:		
			Sustainability		
			Other:		

Michele Barbaro-Rogers

<input type="checkbox"/>	Design Team Recommends Approval
<input type="checkbox"/>	Design Team Does Not Recommend Approval

Brait Builders Corp.

57 Rockwood Road
Suite 3
Marshfield , MA 02050

Phone: (781) 837-6400
Fax: (781) 837-6153

PROPOSED CHANGE ORDER

No. CMS-081

TITLE: Multivista Construction
Documentation- Contract Scope
PROJECT: Dr. Albert B. Consentino Middle
School
TO: City of Haverhill
685 Washington Street
Haverhill, MA

DATE: 03/25/2025
JOB: CSM-2024
CONTRACT NO:

DESCRIPTION OF CHANGE

Costs associated with the attached for Multivista Construction Documentation- Contract Scope.

Item	Description	Quantity	Units	Unit Price	Labor Burden	Burden Amount	Net Amount
1	MCD Proposal	1	LS	\$27,150.00		\$0.00	\$27,150.00
2	Brait - OH&P - 5%	0	%	\$27,150.00		\$0.00	\$1,357.50
3	Brait - Bond - 2%	0	%	\$28,507.50		\$0.00	\$570.15

Lump Sum: \$29,077.65

Total: \$29,077.65

Dore & Whittier

By: _____

Date: _____

Brait Builders

By: T.J. Dahill
T.J. Dahill

Date: 3-25-25

City of Haverhill

By: Stephen Dorrance
reviewed and approved.

Date: 4/29/2025

Owners Project Manager

By: Anita Campbell

Date: 3-25-2025

Owner request for services.
No comment from DW



MULTIVISTA
CONSTRUCTION DOCUMENTATION

Multivista

379 Elliot Street, Suite 110H, Newton Upper Falls, MA 02464

T: (617) 964-2800 F: (617) 964-2900

E: massachusetts-info@multivista.com, www.multivista.com

CHANGING THE WAY THE CONSTRUCTION INDUSTRY DOCUMENTS PROJECTS

Multivista Documentation Technologies LLC PROPOSAL AND AGREEMENT

CLIENT: City of Haverhill
PROJECT: Consentino School Project
LOCATION: Haverhill, MA
PROJECT SIZE: 183,128 Sq Ft
DATE: March 24, 2025

Multivista Documentation Technologies LLC referred to herein as Multivista, is pleased for the opportunity to provide **City of Haverhill** with superior photographic documentation of your **Consentino School Project** under the following terms and conditions.

1.0 Scope of Services:

This Section 1 sets forth the complete scope of services that Multivista will provide for the above-described project:

1.1 Project Documentation (Photo Sets):

- **Detailed Interior MEP Exact-Built** of all rooms on all levels. The detailed MEP exact-built documentation is crucial for verifying the precise installation of mechanical, electrical, and plumbing systems within each room. This process ensures compliance with design specifications and minimizes potential issues during later stages of construction. to be conducted after rough-ins are complete, just prior to insulation and or drywall, or as directed by client. All images are associated with specific locations on the architectural plans. This ensures that discrepancies can be easily identified and rectified.
- One Half Day (4 Hours) of **Owner Video Training** included. Uploaded to the Multivista platform under the VIDEO Tab.
- Slideshows will be taken each visit to the site, which allow for the inclusion of timely images that do not fit into any regular monthly progressions.

*Please see General Conditions with regards to Client responsibility in scheduling Detailed Set shoots.

*Access of Multivista photographers to the elevations and floors is the client's responsibility.

1.2 Complete Documentation Services:

In addition to the foregoing, all documentation packages include:

- **Access.** Your project will be a web based platform accessible 24/7/365 with **no** monthly fees.
- **Unlimited** Users.
- **Unlimited** Use of the **Multivista Mobile Application.**
- **Unlimited** addition of your own photos, taken with your smartphone, into the Multivista platform and tagged to the drawings, with the ability to annotate, highlight, and email directly out of the platform to your team. The ultimate tool for collaborating with your team.
- **Unlimited** Support included in your price.
- **Dedicated** Multivista Project Implementation Manager assigned to your project. Providing on-site training, webex training and phone support.
- **Security.** Access to your platform is password protected and user access determined by you and your team.

2.0 Documentation Fees:

The following Documentation Fee is inclusive of all the services set forth in Section 1 above:

Monthly Invoice: \$ 4,520.00 x 6 months

Total Contract Amount: \$ 27,150.00

Plus Applicable Sales Tax (not included above)

(all pricing is guaranteed as specified and may be withdrawn if not accepted in 90 days)

Add Alternates:

2.1 Early Completion and Additional Build Time Fees

Invoicing is based on periods set forth above, beginning as applicable throughout construction. If the scope of work set forth in Section 1 above is completed prior to those times, the balance of the Total Fees unpaid at the completion of the scope of work shall be due and payable within thirty (30) days of the final shoot. Exterior and Interior Progression Shoots in excess of the number set forth in Section 1, if required, will be priced as needed. Additional Detail Shoots will be priced individually.

2.2 Reimbursable Expenses

Multivista will invoice for actual expenses incurred plus 15% for those expenses that are directly related to the Project. Back-up for all such expenses will be provided with invoicing. Expenses that are reimbursable include, but are not limited to, mileage, out-of-town travel (including airfare, ground transportation, gas, lodging and incidentals), and reproductions, printing costs, deliveries/parcels and project-specific insurance where insurance needs exceed Multivista’s general liability policy limits. Client agrees to compensate Multivista for any and all time spent by Multivista in any form of dispute resolution concerning the project that is the subject of this agreement. Dispute resolution includes, but is not limited to, document production in response to subpoenas or document requests, claims meetings, mediation, litigation, and arbitration.

On this Project, reimbursable expenses are estimated to be \$ 0, including mark-up, and Multivista will invoice only if directed by the client.

3.0 Definitions and Service Descriptions

This Section 3.0 defines the *full range* of documentation services available from **Multivista Massachusetts**.

Any services described below that are not expressly included in the Scope of Services set forth in Section 1.0 of this proposal and agreement are NOT included in this agreement. The following definitions and descriptions are provided only as a reference for the Client, and in no way expand or limit the agreed upon Scope of Service expressly set forth in Section 1.0 of this proposal and agreement. Additional Services may be added by written agreement by and between the parties.

All documentation described below combines Multivista's state-of-the-art indexing and navigation system with inspection-grade digital photography designed to capture actual conditions throughout construction and at critical milestones. The Multivista system will utilize actual construction drawings, making such drawings interactive and accessible anywhere through a secure on-line interface. For all documentation referenced herein, indexing and navigation is organized by both time and location throughout the Project.

1.1 Site Survey and Progressions Sets:

“Progression” photo sets are performed at pre-determined intervals throughout the duration of construction. Progression photos broadly track all aspects of construction through time.

The Site Survey and Progression Sets are generally included in all subscriptions to the Multivista system. They are critical tools for the communication and project management aspects of all product types.

- **Site Survey (Pre-Construction):** The pre-construction site survey is a one-time shoot that provides coverage of the site and its immediate surrounding area to carefully memorialize conditions before a project begins.
- **Exterior Progression Shoots:** Exterior Progression photos are taken from key perspectives along site perimeters and 360 degrees around each building envelope during erection. Exterior progressions track the construction of building elevations and all work within the immediate vicinity of the exterior of the building, including some site work. Exterior progressions are performed, approximately, at monthly intervals and are coordinated with the pace of erection. Exterior progression documentation typically begins at substantial framing, and not at commencement of site work. Exterior progressions can begin at commencement of site work for the purpose of *broadly* capturing site work upon request.
- **Interior Progression Shoots:** Interior Progression photos track the interior improvements from when interior work begins (typically, at the commencement of stud-work) to completion. Interior Progressions broadly track the improvements from logical perspectives. Interior Progressions are

designed to provide comprehensive coverage of the various trades coming together over time. Interior progressions are performed, approximately, at monthly intervals and are coordinated with the pace of erection.

1.2 Detailed Sets (“Exact-Built™”):

Detailed photo sets serve as “visual as-builts” which are performed at critical milestones during construction. They offer a higher concentration of photos and perspectives than the Progression shoots and/or focus on details of particular interest or importance to the Client.

The Fundamental Exact-Built™:

Depending on the product type, subscriptions to the Multivista System generally include at least two out of three of the following Exact-Built™ shoots which, when combined with the Site Survey and Progression Shoots, result in an unparalleled permanent documentation package superior to any known “best-practices.”

- **Pre-Slab Exact-Built™:** Pre-slab work will be documented just prior to the placing of the concrete. This process will include overlapping images of all in-slab MEP’s *within* the building envelope(s). If specified in the Scope, this can also include all MEP’s enclosed in slab-on-deck in multi-story buildings. Indexing and navigation is accomplished through a separate set of interactive plans and interfaces and, as needed.
- **Interior MEP Exact-Built™:** Mechanical, Electrical, Plumbing (MEP) and all other systems in walls and ceilings will be documented post-inspection and pre-insulation, sheet rock or dry wall installation. This process provides a high concentration of overlapping coverage allowing for all finished systems to be viewed in great detail. This Exact-Built™ sweeps the entire project: every wall and every ceiling, on every floor of every building, throughout the entire Project. Note that this will not capture pre-slab, site, or in-slab-on-deck systems or other “horizontal” MEP work.
- **Interior Finished Condition Exact-Built™:** At Certificate of Occupancy or other “finished” milestone as the Client designates, all walls, ceilings and floors in their post-inspection, completed condition are documented in exceptional detail.

Custom Exact-Built™:

These Exact-Built™ shoots are project-specific Detailed Sets that are not generally included in standard subscriptions to the service, but can be added to scope upon request.

- **Exterior Vertical Exact-Built™:** Designed for specific needs to increase concentration of photographs and allow greater zoom capability and resolution on aesthetic, EIFS or architectural detailing, the nature of these shoots can vary widely. Examples include window-flashing details or window-system details for glass-intensive buildings, radiused steel work (i.e., for a rotunda), EIFS system as-Builts and cores or “lobbies” of exterior loaded buildings.
- **Bright-Line Exact-Built™:** Also known as our “current condition” Exact-Built™, this is an exhaustive sweep of a project designed to capture every detail of the project in its current condition before any further work commences. These are performed prior to major redevelopments, refurbishment or maintenance work and are also a good idea if you are considering terminating a

major trade subcontractor or GC. Our detail shoot will give you a bright line as to where one party stopped and the next began.

- **You-Name-It Exact-BuiltTM**: If you have a construction drawing for it, the odds are that we can document it and combine it with our state-of-the art navigation and indexing systems.

Slideshows:

Slideshows capture miscellaneous occurrences or conditions while a Multivista photographer is on-site to perform any other shoot in the Scope. These conditions are those that do not fit neatly into the building envelope interface (i.e., materials stored on site). Slideshows are not linked to architectural plans in the same manner as the formal shoots; however, they will be dated, labeled and stored on the Client's interface. Thus, all of your information remains in one "place."

4.0 Additional Services (Upon Request)

Multivista would be pleased to accommodate limited additional items that may be captured during our scheduled visits and included in the Slideshow section of our service.

Additional items which require special visits to site or are of significant scope may be added for the rate of \$225 per hour to include onsite services, computer services and travel time plus tolls from our office to the site. Requests from clients for additional services must be in writing and a separate proposal or change order to the original will be issued from Multivista.

5.0 Standard Terms and Conditions

- 1) **SERVICES**: Multivista shall provide professional services in accordance with the above agreed upon Scope. Multivista will begin a Project Set-Up only after receipt of (a) electronic plans from the architect of the Project in an acceptable format, (b) a fully executed Agreement and (c) the Set-Up deposit. Thereafter, Multivista requires at least ten (10) business days for Project Set-Up *prior to the first shoot* contemplated by the Scope.
- 2) **DETAILED PHOTO SETS**: Because of the volatile nature of construction schedules, IT IS THE SOLE RESPONSIBILITY OF THE CLIENT TO PROVIDE MULTIVISTA AT LEAST 48 HOURS NOTICE PRIOR TO THE TIME THAT A DETAILED SET MUST BE PERFORMED. To the extent look-ahead schedules are made available to Multivista, Multivista will endeavor to communicate with the Project owner's representative or superintendent regarding upcoming Detailed Set shoots. However, Multivista will not be responsible if such Detailed Sets are not performed due to lack of notice pursuant to this provision.

_____ Client Initials

- 3) **AGENT/OWNER'S REPRESENTATIVE**: Client must designate a specific person or persons authorized to and responsible for scheduling site visits and Detailed Shoots.
- 4) **EXECUTION**: This Agreement becomes effective upon signatures by the authorized representative, of the Client and Multivista and upon receipt by Multivista of a signed original or facsimile transmittal. Multivista is authorized to proceed with services upon receipt of an executed Agreement or written Notice to proceed. If facsimile transmittal is initially sent to Multivista, Client will provide Multivista with a signed original for record as soon as practical.

- 5) **COMPLETION/TERMINATION:** This Agreement shall remain in force until terminated. This contract may be terminated by the Client and/or Multivista, upon fourteen (14) days written notice. In the event of such termination Multivista will be paid the portion of the compensation (and fixed fee, if applicable) earned for services properly performed through the termination date including any retention held by the Client. Continuing Service Agreements shall be reviewed annually for rates and shall remain in force until terminated in writing by either party.
- 6) **STANDARD OF CARE:** Services provided by Multivista under this Agreement will be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances. Multivista makes no warranties or guarantees, either expressed or implied, of the fitness of its documentation for any particular use. Multivista's sole obligation under this agreement is to provide professional photographic documentation of the work contained within the scope of the agreement. No interpretation or opinion shall be offered or presumed from any of the images taken and Multivista shall not be liable for any defect or condition disclosed by such images, if any.
- 7) **INDEPENDENT CONSULTANT:** Multivista is and shall be at all times during the term of the Agreement an independent contractor and not an agent or sub-contractor of the Client. Client acknowledges and agrees that, notwithstanding this Agreement or any provision contained herein, Multivista may provide its services, including, but not limited to, those services contained in the Scope of this Agreement, to any other party authorized to contract for services relating to, in connection with or on behalf of the Project, including, but not limited to, the Contractor(s), Owner(s), Developer(s), Architect(s) or Owner's Representatives. Client hereby waives any claim of conflict of interest, estoppel or business interference arising out of any such third party agreement.
- 8) **COMPLIANCE WITH LAWS:** Multivista will comply with Federal, State, and local laws applicable to the services to be provided under this Agreement.
- 9) **PAYMENT & COLLECTION:** An initial set up fee equal to 25% of the total contract amount is due upon execution of this proposal, and no later than 10 days prior to the commencement of documentation. Remaining balance to be invoiced on a monthly basis according to work completed. Payments are due in full within thirty (30) days from date of invoice, or according to other terms as agreed to expressly in writing. The Client will be invoiced for work completed. A finance charge of 1-1/2% per month, equivalent to 18% per annum, will be assessed on any amounts outstanding beyond 30-day payment terms. In the event legal action is necessary to enforce the payment provisions of this Agreement if the Client fails to make payment within thirty (30) days of the invoice date, Multivista shall be entitled to collect from the Client any judgment or settlement sums due, reasonable attorney's fees, court costs and expenses incurred by Multivista in connection therewith and, in addition, the reasonable value of Multivista's time and expenses spent in connection with such collection action, computed at Multivista's prevailing fee schedule and expense policies.
- 10) **OWNERSHIP OF DOCUMENTS: CONFIDENTIALITY; INTELLECTUAL PROPERTY:** Specifications, drawings, personal information, or other information given to Multivista by the Client is disclosed in confidence. They shall not be reproduced, copied, disclosed, or used except in connection with the services that are the subject of the agreement. All documents, digital and electronic media prepared under the Agreement are instruments of service and are, and shall remain, the property of Multivista or Multivista Systems LLC ("Multivista Systems"), including all intellectual property rights to said documents and media, until such time as they are paid for in full by the Client at which time their ownership, excepting Confidential, Trade Secret and Proprietary Information of Multivista Systems, shall pass to the Client. Multivista and Multivista Systems make no warranties as to the professional nature of the media other than to capture construction conditions or events. Notwithstanding the foregoing, the underlying proprietary software, indexing, navigation and viewing systems, processes, procedures, databases, information and any other content of Multivista Systems that is housed in the software, and all other service, including all

intellectual property rights associated therewith (collectively "Confidential, Trade Secret and Proprietary Information"), shall at all times remain the sole property of Multivista Systems. Client agrees not to reproduce, copy or use the Confidential, Trade Secret and Proprietary Information except as expressly permitted in the Agreement and only in connection with the services which are the subject matter of the Agreement. Notwithstanding the foregoing, Multivista Systems reserves the right to use and Client hereby consents to the use of limited samples of the media and system service prepared for Client (not to exceed 1% of total project media) for Multivista Systems marketing and promotional purposes. Multivista Systems may also utilize Client statements, cost savings and ROI examples derived from Client's use of Multivista System's services. Anonymity will be observed if requested.

- 11) **NO PUBLIC ACCESS:** Online access to Client's documentation shall be restricted to Client approved personnel only, each of whom will be provided with a unique username and password. Making access credentials publically available shall be prohibited and Client shall make its approved personnel aware of this and that Client's confidentiality and restricted access obligations under the Agreement extend to all approved personnel.
- 12) **SITE VISITS/OBSERVATION:** Multivista shall visit the project and/or construction site at appropriate intervals and take photos of the construction progress. Visits to the project site and observations made by Multivista as part of services provided during construction under this Agreement shall not make Multivista responsible for monitoring of the work. Multivista employees will report to the site office prior to working on site. The site superintendent shall be the designated person granting permission onto the site in order to ensure safe access for Multivista employees.
- 13) **CHANGES IN WORK SCOPE:** From time to time, the Client may wish to increase the scope of the documentation, or enroll further projects. Any changes in scope of work shall be bound by this agreement, subject to any further agreements made in writing and signed by all parties to this agreement. Such increases in scope or further enrollments will be considered addendums to this contract and will be billed as set forth herein or as set forth in an Additional Service Agreement (for Detailed Set enrollments).
- 14) **DELAYS:** Multivista shall not be liable for delays in performing or failure to perform its obligations under this Agreement resulting directly or indirectly from, or contributed to by acts of God; acts or failures to act by the Client; acts or failures to act by civil or military authority; governmental priorities; fires; strikes; or labor disputes; accidents; floods; epidemics; failure of the worldwide web, or any other circumstances beyond Multivista's reasonable control, whether similar or dissimilar to the foregoing. The Client or Multivista shall notify the other promptly of any potential delay.
- 15) **EQUAL OPPORTUNITY EMPLOYMENT:** Multivista will comply with federal regulations pertaining to Equal Opportunity Employment. Multivista will comply with applicable local, state, and federal regulations concerning minority hiring. Multivista's equal opportunity employment policy applies to all phases of employment.
- 16) **INSURANCE:** Multivista maintains \$5,000,000 of General liability insurance. Multivista is currently covered by a policy written through its agent, VanParys Associates, and the specific carriers will be outlined on the Acord Certificate of Liability Insurance that will be issued to you prior to start of work. Multivista maintains a \$1,000,000 policy for Workers Compensation insurance coverage, written through Paychex Insurance Agency Inc, and the carriers will be outlined on the Acord Certificate of Liability Insurance issued to you prior to the start of work.
- 17) **INDEMNIFICATION/HOLD-HARMLESS:** Multivista shall indemnify and defend the Client and their principals and members, Client's Inspectors, General Contractor, Architect, Architect's consultants, and agents and employees of any of them from claims based on intentional misconduct or gross negligence by Multivista, its employees and agents. Client shall indemnify and defend Multivista for any claims related directly or indirectly to the project that do not result from the sole and direct intentional misconduct or gross negligence of Multivista, its employees and agents.

Multivista further agrees to name the client and any other required entities as additional insured on a primary and non-contributory basis.

- 18) **LIMITATION OF LIABILITY:** Client agrees to limit the liability of Multivista for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes so that the total aggregate liability of Multivista to the Client shall not exceed Multivista's total fee for services rendered under this Agreement.
- 19) **DISPUTES:** Any action for claims arising out of or relating to this Agreement or the project that is the subject of this Agreement shall be governed by the laws of the State of Massachusetts. Mediation is an express condition precedent to the filing of any legal action. Unless the parties agree otherwise, the mediation shall be conducted pursuant to the Construction Mediation rules of the American Arbitration Association.
- 20) **ATTORNEY FEES:** Should there be any suit or action instituted to enforce any right granted in the contract, the substantially prevailing party shall be entitled to recover its costs, disbursement and reasonable attorney fees from the other party. The party who is awarded a net recovery against the other shall be deemed the substantially prevailing party unless such other party has previously made a bona fide offer of payment in settlement and the amount of recovery is the same or less than the amount offered in settlement. Reasonable attorney fees may be recovered regardless of the forum in which the dispute is heard, including an appeal.
- 21) **EXPENSES:** Multivista shall be punctually reimbursed according to Multivista's Standard schedule of rates and fees for any out of contract costs incurred at the Client's written request.

Multivista will perform all work per the selected option for scope of services, standard terms and conditions, and shall be reimbursed for its expenses in accordance with Multivista's Documentation Fees. Upon acceptance of this Proposal, Multivista will work diligently to pursue its work until the completion of this project, consistent with the above referenced Scope of Services. Your acceptance of this Proposal constitutes your authorization and direction for Multivista to proceed with this project. Multivista reserves the right to revoke or modify this Proposal at any time before its acceptance.

The foregoing proposal is accepted by:

Multivista

Signature _____

Signature _____

Printed _____

Printed _____

Title _____

Title _____

Date _____

Date _____

PCO REVIEW FORM



Project Name: **Haverhill Consentino Middle School**

PCO No.

083

Architect's Project No. **21-0818**

Subject: **Set Second Utility Pole**

PCO Issue Date: **2025.04.01**

PCO Reviewed: **2025.04.04**

The following is a summary of the Design Team review of the above referenced Proposed Change Order (PCO). Refer to summary below *and* attached comments. Acceptance of this PCO – or partial acceptance – shall not constitute a change to the construction contract or a directive to proceed with the work. PCO review is only a recommendation to the Owner regarding the validity and cost of the proposed PCO. Final approval shall be by the Owner per contract.

CATEGORY					
Elective / Owner		Town/AHJ/Other		Unforeseen	
Design		Other	X	GC Expenditure	

PCO shall be reviewed by each consultant with relevant work included:

Reviewed	Revise	Rejected	Consultant:	Reviewer:	Comments:
X			Architectural:	T. King / M. Rogers	D+W has reviewed the attached PCO and finds the fees to be fair and reasonable
			Site/Civil:		
			Traffic:		
			Geotechnical:		
			Landscape:		
			Wetlands:		
			Haz Materials:		
			Structural:		
			Acoustical:		
			Foodservice:		
			Fire Protection:		
			Plumbing:		
			HVAC:		
X			Electrical:	GGD	reviewed
			Lighting:		
			Telecomm:		
			Building Security:		
			Audio-Visual:		
			Theatrical:		
			Door Hardware:		
			Sustainability		
			Other:		

Michele Barbaro-Rogers

Michele Barbaro-Rogers

Digitally signed by Michele Barbaro-Rogers
 DN: C=US, email=mrogers@doreandwhittier.com, o=Dore + Whittier, ou=Dore + Whittier
 Reason: I have reviewed this document
 Date: 2025.04.04 16:14:17-0400'

X	Design Team Recommends Approval
	Design Team Does Not Recommend Approval

PCO REVIEW FORM

Project Name: **Haverhill Consentino Middle School** PCO No.



Architect's Project No. **21-0818**

Subject: **Set Second Utility Pole**

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			Wetlands:		
			Haz Materials:		
			Structural:		
			Acoustical:		
			Foodservice:		
			Fire Protection:		
			Plumbing:		
			HVAC:		
X			Electrical:	GGD	reviewed
			Lighting:		
			Telecomm:		
			Building Security:		
			Audio-Visual:		
			Theatrical:		
			Door Hardware:		
			Sustainability		
			Other:		

 Michele Barbaro-Rogers

X	Design Team Recommends Approval
	Design Team Does Not Recommend Approval

Brait Builders Corp.

57 Rockwood Road
Suite 3
Marshfield , MA 02050

Phone: (781) 837-6400
Fax: (781) 837-6153

PROPOSED CHANGE ORDER

No. CMS-083

TITLE: Set Second Utility Pole

DATE: 04/01/2025

PROJECT: Dr. Albert B. Consentino Middle School

JOB: CSM-2024

TO: City of Haverhill
685 Washington Street
Haverhill, MA

CONTRACT NO:

DESCRIPTION OF CHANGE

Costs associated with the attached for Set Second Utility Pole - Nation Grid will not set second pole for town and Comcast would not set second pole. Second pole required due to # of conduits needed in contract docs

Item	Description	Quantity	Units	Unit Price	Labor Burden	Burden Amount	Net Amount
1	XTEL Estimate 1091	1	LS	\$3,422.00		\$0.00	\$3,422.00
2	Police Detail	8	Hr	\$150.00		\$0.00	\$1,200.00
3	Brait - OH&P - 5%	0	%	\$4,622.00		\$0.00	\$231.10
4	Brait - Bond - 2%	0	%	\$4,853.10		\$0.00	\$97.06

Lump Sum: \$4,950.16

Total: \$4,950.16

Dore & Whittier

By: _____

Date: _____

Brait Builders

By: T.J. Dahill
T.J. Dahill

Date: 4-1-25

City of Haverhill

By: Stephen Dorrance
reviewed and approved.

Date: 4/29/2025

Owners Project Manager

By: Suzanna Yeung
Suzanna Yeung

Date: 4/11/2025

On Thu, Mar 13, 2025 at 12:08 PM Antonio Xu Liu (he/him)
<Antonio.XuLiu@nationalgrid.com> wrote:

Hello TJ,

Thanks for taking my call. Confirming with you that National Grid does not set poles outside of the scope of our work. Setting poles for other utilities falls in that bucket. I put out a few feelers to ask about subcontractors that I could connect you with and will let you know if I hear back.

In the meantime, I recommend moving forward to identify a vendor through other channels.

ESTIMATE

XTEL Utility Construction, LLC
31 Keyes Hill Road
Pelham, NH 03076

xtelutility@outlook.com
+1 (603) 860-8934

Bill to
TJ Dahill
Brait Builders

Ship to
TJ Dahill
Brait Builders

Estimate details

Estimate no.: 1091
Estimate date: 03/31/2025
Expiration date: 04/30/2025

JOB NUMBER: Consentino middle school
COMPANY REP: TJ Dahill
JOB LOCATION: Haverhill

#	Date	Product or service	Description	Qty	Rate	Amount
1.	03/31/2025	200- Place pole 25' to 50'	does not include ledge truck if needed does not include traffic control if needed	1	\$1,500.00	\$1,500.00
2.		45-2 utility pole		1	\$922.00	\$922.00
3.		211- Place anchor road side		1	\$800.00	\$800.00
4.		Anchor rod with helix		1	\$200.00	\$200.00
					Total	\$3,422.00

Expiry date 04/30/2025

Accepted date

Accepted by

From: [Stephen Dorrance](#)
To: [Antonio Xu Liu \(he/him\)](#)
Cc: [T.J. Dahill](#); [Jake McDonough](#); [Charlie Kanouff](#); [Amber Jones](#)
Subject: Re: [EXTERNAL EMAIL] RE: [EXTERNAL] RE: [EXTERNAL EMAIL] CMS - New Pole For Telcomm Lines
Date: Thursday, March 13, 2025 12:30:38 PM

Antonio,

I was so hoping we could get the other pole done by NGRID, but I understand. I we can amend the other easement, great. If we have to send one through the Mayor's office, so be it.

Sincerely,

Stephen Dorrance

Director, Facilities

“The World Is Changed By Your Actions Not By Your Opinions.”

Attribution to Paulo Coelho

On Thu, Mar 13, 2025 at 12:08 PM Antonio Xu Liu (he/him)
<Antonio.XuLiu@nationalgrid.com> wrote:

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In the meantime, I recommend moving forward to identify a vendor through other channels.

Update on design: [@Stephen Dorrance](#)

- Our design team worked on the update design. Will plan to have a service agreement and invoice update next.
- Easement: I am working with our Right of Way team to identify a workaround for the easement amendment. The current easement is an underground only easement, and this scope change in work adds overhead. I understand getting the Mayor's signature on the easement is a hurdle on timeline and doing our due diligence to propose the best path forward.

Will share an update with you all next week as I have it.

Antonio Xu Liu (pronounced [su lee-öö](#))

[Pronouns: He, Him, His \[?\]](#)

Principal Project Manager, Operations Customer Project Management | NE Electric Operations
(c): 917-618-1409

Waltham, MA | antonio.xuliu@nationalgrid.com

Out of office: March 17-20 (training)

If you receive this email outside of your normal working hours, it is not expected that you respond at this time

From: Antonio Xu Liu (he/him)

Sent: Wednesday, March 12, 2025 9:38 AM

To: T.J. Dahill <tdahill@braitbuilders.com>; Stephen Dorrance <stephen.dorrance@haverhill-ps.org>; Jake McDonough <jmcdonough@braitbuilders.com>; Charlie Kanouff <charlie.kanouff@collierseng.com>

Subject: RE: [EXTERNAL] RE: [EXTERNAL EMAIL] CMS - New Pole For Telcomm Lines

Hi all,

Acknowledging receipt of your notes. Our poles on this job will be set by our in-house crews- I'll ask around and see what's possible.

TJ,

Call in the demo request at: 800-322-3223. Ensure to tell them we aren't ready for the removal right now, but we'd like the WR to be called in.

Antonio Xu Liu (pronounced [su lee-öö](#))

[Pronouns: He, Him, His \[?\]](#)

Principal Project Manager, Operations Customer Project Management | NE Electric Operations
(c): 917-618-1409

Waltham, MA | antonio.xuliu@nationalgrid.com

Out of office: March 17-20 (training)

If you receive this email outside of your normal working hours, it is not expected that you respond at this time

Make sure your personal information is up to date. Review your [Self ID info today](#)

From: T.J. Dahill <tdahill@braitbuilders.com>

Sent: Wednesday, March 12, 2025 9:32 AM

To: Stephen Dorrance <stephen.dorrance@haverhill-ps.org>; Jake McDonough <jmcdonough@braitbuilders.com>; Charlie Kanouff <charlie.kanouff@collierseng.com>

Cc: Antonio Xu Liu (he/him) <Antonio.XuLiu@nationalgrid.com>

Subject: [EXTERNAL] RE: [EXTERNAL EMAIL] CMS - New Pole For Telcomm Lines

CAUTION: This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe. If you suspect this email is malicious, please use the 'Report Phish' button.

Antonio – Since we’re looking ahead, can you send me the WO request form for when we want to disconnect existing service, that is 12+ months out but I’ll file the form away

From: Stephen Dorrance <stephen.dorrance@haverhill-ps.org>

Sent: Wednesday, March 12, 2025 8:16 AM

To: Jake McDonough <jmcdonough@braitbuilders.com>

Cc: Antonio Xu Liu (he/him) <Antonio.XuLiu@nationalgrid.com>; T.J. Dahill <tdahill@braitbuilders.com>

Subject: Re: [EXTERNAL EMAIL] CMS - New Pole For Telcomm Lines

Antonio,

I know this is a little bit of an oddball ask but we all are truly without resources on this one. If NGrid would do it at their standard rates, it would be very much appreciated. If on the other hand you have a sub, we'd be happy to reach out to them.

Thanks for your continuing support. Just think, in 18 months this project will be over!

Sincerely,

Stephen Dornance

Director, Facilities

“The World Is Changed By Your Actions Not By Your Opinions.”

Attribution to Paulo Coelho

On Tue, Mar 11, 2025 at 3:03 PM Jake McDonough <jmcdonough@braitbuilders.com> wrote:

Hey Antonio,

Brait & Charlie from Colliers met with Comcast on site last week to discuss new pole needed for telcomm conduit lines. They advised us to reach out to Ngrid to see if we can piggy back on your new pole install to get an additional pole installed for the telcomm lines. If that's something you could help accommodate or point us in the right direction to the subcontractor you guys will be using & their contact info I can take it from there.

Obviously the cost component will have to be worked out but utilizing your sub to get both poles installed at once would help work progress as efficiently as possible.

Please let me know your thoughts on this.

Thank you,

Jake McDonough | *Assistant Project Manager*



Brait Builders Corporation | 57 Rockwood Rd Suite 3, Marshfield, MA 02050

C 339 793 1235 | P 781 837 6400 | F 781 837 6153 | jmcdonough@braitbuilders.com

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