

April 2016 Contingency Use Requests

CALEB DUSTIN HUNKING MIDDLE SCHOOL SCHOOL BUILDING COMMITTEE MEETING

April 26, 2016



Submitted By:
NV5, Inc.
44 Pleasant Street, Suite 100
Watertown, MA 02472
Phone: 617.744.3110



MEMORANDUM

To: Kathleen Smith, City of Haverhill
 From: William G. Cunniff – NV5
 Date: April 26, 2016
 Re: GMP & Construction Contingency Approval: Caleb Dustin Hunking School
 Cc: James F. Scully; Jeffery Luxenberg; Adam Sniegocki

Enclosed for approval and processing, please find the following commitments:

1) GMP Contingency Approval Request: Budget Transfer No. Change Request No. 172 (BT-172): This request to use GMP Contingency funds is the result of JCJ's response to RFI-172. The funds for this work will be allocated from the GMP Contingency budget line item as a lump sum proposal.

Furnish six (6) Automatic Door Operators per RFI-172 - Description of Work	Value \$
JCJ's RFI response details the addition of 6 automatic door operators which were not originally shown on the contract documents. Details include type and amount of automatic openers needed for installation.	\$ 17,369.00
	\$ 17,369.00

2) GMP Contingency Approval Request: Budget Transfer No. Change Request No. 201 (BT-201): This request to use GMP Contingency funds is the result of JCJ's response to RFI-201. The funds for this work will be allocated from the GMP Contingency budget line item as a lump sum proposal.

Header detail at Interior Storefronts SI-19, 20 & 21 per RFI-291 - Description of Work	Value \$
JCJ's RFI-291 response calls for the necessary light gauge metal framing above, and to support, the aluminum entrances; work was not shown on the construction documents.	\$ 3,536.00
	\$ 3,536.00

3) GMP Contingency Approval Request: Budget Transfer No. Change Request No. 206 (BT-206): This request to use GMP Contingency funds is the result of JCJ's response to RFI-272R1. The funds for this work will be allocated from the GMP Contingency budget line item as a lump sum proposal.

Fire stopping at edge of slab-top of partitions, all floors - Description of Work	Value \$
JCJ's RFI-272R1 response was issued to provide design details for code required fire stopping at locations where the building's exterior walls meet the slab edge or the top of partitions. Work was not shown on the contract documents.	\$ 20,776.00
	\$ 20,776.00

4) Construction Contingency Approval Request: Change Request No. 073 (CR-073): This request to use Construction Contingency funds is the result of JCJ's response to RFI-263R1. The funds for this work will be re-allocated from the Construction Contingency budget line item, to the Construction Change Order line item as a lump sum proposal. A Budget Revision Request will follow.

Added soffit for folding glass partition support concealment per RFI- 263R1 - Description of Work	Value \$
JCJ's RFI-263R1 response was issued to add a small gypsum board soffit to enclose the medial center sliding glass door support steel. Work was not shown on the construction documents, and became apparent only with the miscellaneous metals shop drawing submittal.	\$ 2,297.00
	\$ 2,297.00

5) Construction Contingency Approval Request: Change Request No. 074 (CR-074): This request to use Construction Contingency funds is the result of CCD-007 being issued by the designer, JCJ. The funds for this work will be re-allocated from the Construction Contingency budget line item, to the Construction Change Order line item as a lump sum proposal. A Budget Revision Request will follow.

Relocate Ductwork per CCD-007 - Description of Work	Value \$
Issued by JCJ, CCD-007 details relocation of HVAC ductwork from the ceiling of the (2) electrical rooms to an area outside of the rooms. This work was not shown on the construction documents, but it was deemed code required by the mechanical engineers of record.	\$ 4,247.00
	\$ 4,247.00

6) Construction Contingency Approval Request: Change Request No. 081 (CR-081): This request to use Construction Contingency funds is the result of CCD-011 issued by the designer, JCJ. The funds for this work will be re-allocated from the Construction Contingency budget line item, to the Construction Change Order line item as a lump sum proposal. A Budget Revision Request will follow.

Add sinks at three (3) workrooms per CCD-011 - Description of Work	Value \$
Issued by JCJ, CCD-011 details the addition of sinks/casework to three (3) workrooms. This work was not shown on the construction documents, but it was determined to be necessary by HPS, so the rooms could function as originally intended.	\$ 19,318.00
	\$ 19,318.00

7) Construction Contingency Approval Request: Change Request No. 084 (CR-084): This request to use Construction Contingency funds is the result of JCJ's response to RFI-282. The funds for this work will be re-allocated from the Construction Contingency budget line item, to the Construction Change Order line item as a lump sum proposal. A Budget Revision Request will follow.

Add soffit in kitchen to conceal duct per RFI-282 - Description of Work	Value \$
JCJ's RFI-282 response added a gypsum board soffit to enclose the kitchen exhaust duct. Due to the kitchen ceiling height in this area being lowered to 9' to accommodate MEP services in the dry storage room, it was determined that a soffit needed to be constructed to conceal part of the duct which is at a height of 8'6". This work was not shown on the construction documents.	\$ 2,776.00
	\$ 2,776.00

8) Construction Contingency Approval Request: Change Request No. 086 (CR-086): This request to use Construction Contingency funds is the result of ASI-010 issued by the designer, JCJ. The funds for this work will be re-allocated from the Construction Contingency budget line item, to the Construction Change Order line item as a lump sum proposal. A Budget Revision Request will follow.

Add soffit per ASI-010: Ceiling height change - Description of Work	Value \$
Issued by JCJ, ASI-010 details the addition of a soffit at the main vestibule to accommodate MEP services.	\$ 3,952.00
	\$ 3,952.00



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9) Construction Contingency Approval Request: Change Request No. 089 (CR-089): This request to use Construction Contingency funds is the result of CCD-015 issued by the designer, JCJ. The funds for this work will be re-allocated from the Construction Contingency budget line item, to the Construction Change Order line item as a lump sum proposal. A Budget Revision Request will follow.

Revise handrails at stairs 1, 2, 4, & 5 per CCD-015 - Description of Work	Value \$
Issued by JCJ, CCD-015 details the revision of handrails at stairwells 1, 2, 4 & 5. These code required ADA revisions, requiring extension of stairwell handrails, were not shown on the construction documents.	\$ 18,316.00
	\$ 18,316.00

10) Construction Contingency Approval Request: Change Request No. 096 (CR-096): This request to use Construction Contingency funds is the result of JCJ's response to RFI-315R1. The funds for this work will be re-allocated from the Construction Contingency budget line item, to the Construction Change Order line item as a lump sum proposal. A Budget Revision Request will follow.

Add hard ceiling in elevator machine room per RFI-315R1 - Description of Work	Value \$
JCJ's RFI-315R1 response was issued to add a gypsum board ceiling to the elevator machine rooms. This code required work was not shown on the construction documents.	\$ 2,844.00
	\$ 2,844.00

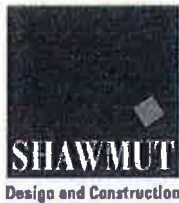
11) Construction Contingency Approval Request: Change Request No. 098 (CR-098): This request to use Construction Contingency funds is the result of PR-027 issued by the designer, JCJ. The funds for this work will be re-allocated from the Construction Contingency budget line item, to the Construction Change Order line item as a lump sum proposal. A Budget Revision Request will follow.

Add closers at fifteen (15) doors per PR-027 - Description of Work	Value \$
Issued by JCJ, PR-027 details the addition of closers to fifteen (15) additional doors not previously identified as needing closers. This work was not shown on the construction documents.	\$ 10,358.00
	\$ 10,358.00

12) Construction Contingency Approval Request: Change Request No. 102 (CR-102): This request to use Construction Contingency funds is the result of CCD-016 issued by the designer, JCJ. The funds for this work will be re-allocated from the Construction Contingency budget line item, to the Construction Change Order line item as a lump sum proposal. A Budget Revision Request will follow.

Add door in admin office per CCD-016 - Description of Work	Value \$
Issued by JCJ, CCD-016 details the addition of a new door/sidelight/hardware in the administrative area corridor. It was determined that the addition of this wall/door separating the principal and guidance areas would add both security and also additional privacy to this area.	\$ 5,855.00
	\$ 5,855.00

The items listed above are consistent with the Total Project Budget and, to the best of our knowledge, are possibly eligible for reimbursement from the Massachusetts School Building Authority. NV5 recommends that these items be approved and paid. Note: If you have any questions, please feel free to contact the Owner's Project Manager, NV5.



Change Request BT172

To: William Cunniff
Joslin Lesser & Assoc
44 Pleasant Street
Watertown, MA 02472

Date:
Project #: 131411
Project: MSBA - Haverhill Caleb Dustin MS

Description: Furnish 6 Automatic Door Operators per the Response to RFI #172

Item Description	Amount
Furnish 6 Automatic Door Operators per the Response to RFI #172	\$17,369
Furnish 6 Automatic Door Operators per the Response to RFI #172	\$(17,369)
Total:	\$0

Type: Lump sum proposal
Schedule Impact: This change will add TBD day(s) to the contract completion date.
Overtime: Project Overtime TBD
Notes:

By: William Cunniff, Joslin Lesser & Assoc

Date: 4/19/16

By: Joseph Pollock, Shawmut Design & Construction

Date: 4/12/16

By: Katy Lillich, JCJ Architecture, Inc.

Date: 4.19.16

BT172

Galeno & Associates, Inc.

83 Eastman Street

P.O. Box 1157

So. Easton, Ma. 02334 - 1157

Tel: 508-238-5083

Fax: 508-238-5028

3-22-16

Shawmut Design & Construction

Re: Caleb Dustin Hunking School - Haverhill

Change order proposal:

6 AUTO Matic OPERATORS – OPENINGS # A010A, A010C, B011C, B011F, C012A, C012C

STANLEY MAGIC OPERATORS AND ACCESSORIES PER ATTACHED.

COST \$ 15,790.00

10% O & P \$ 1,579.00

TOTAL \$ 17,369.00

ALTERNATE ADD FOR BOLLARD POST (EA) COST \$ 320.00

10 % O & P \$ 32.00

TOTAL \$ \$ 352.00 EACH



Quoted By: Allen Matthews

A written purchase order is required for release of materials:

Lower-tier Subs, Use SUB-SUBCONTRACTOR Form, NOT this form

FIRM SUBMITTING CHANGE REQUEST:		C.M.		Shawmut Design & Construction	
PROJECT NO.		PCI DESC.		RFI 271	
SDC PCI NUMBER:		DATE:			
FIRM NO.		PROJECT NO.		PROJECT NAME	

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form, after its approval by the CM and Owner				Total Direct Labor Cost
			Total Hourly Labor Costs (Item I from Wage Approval Sheet)	Total Base Cost + Fringe	Wages	Base Wage Rate for Ins/Taxer (Item D from Wage Approval Sheet)	
				\$	-		\$
				\$	-		\$
				\$	-		\$
				\$	-		\$
				\$	-		\$
				Total Base Wages		\$	\$
TOTAL BASE and FRINGE DIRECT LABOR COSTS							\$

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
AUTOMATIC OPERATORS	6		\$	\$ 15,790 ⁰⁰
			\$	\$
			\$	\$
			\$	\$
			\$	\$
			\$	\$
TOTAL MATERIALS COST:			\$	\$ 15,790 ⁰⁰

(For extensive equipment lists, attach detailed backup and enter as a lump sum below.)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$
				\$
				\$
				\$
				\$
TOTAL EQUIPMENT COST:			\$	\$

SDC PCI NUMBER:
 DATE:

PCI DESC.

RFI-211

FIRM SUBMITTING CHANGE REQUEST:

Galeno Abad

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$
	\$
	\$
	\$
TOTAL LUMP SUM SERVICES COST:	
	\$

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 15,790.00

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

\$ 1,579.00

10.00%

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Insurance & Taxes Rate (12%, or as approved on "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form)

Total Base Wages Subject to Insurance and Taxes from Item 1 above \$

TOTAL COST INSURANCE AND TAXES ON LABOR \$

8.

TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7): \$ 17,369.00

9.

TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

10.

** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)

11.

TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10): \$ 17,369.00

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11.

13.

TOTAL CHANGE PROPOSAL AMOUNT, including bond cost \$ 17,369.00

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.

** By Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.



GALENO AND ASSOCIATES INC
83 EASTMAN STREET
SOUTH EASTON, MA 2375
Tel: 508-238-5083
Fax: 508-238-5028

Kevin Kalmin
Territory Manager

Quotation #85734-1
Caleb Dustin Hunking School

New England-MA Branch
25 Ash Lane
Dudley, MA
USA, 01571
Tel: 508-461-9175
Fax: 866-709-4696
Mobile:
Email: Kevin.Kalmin@sbdinc.com

21 March, 2016

Stanley Access Technologies, LLC is pleased to provide you a quotation to Furnish and Install the following:

6 ea. Magic Force Swing Door Operator
6 ea. Magic Force Door Arm, Clear
6 ea. Magic Force Door Arm, Clear
6 ea. Magic Force Single Control (MC521)
6 ea. Magic Force Visible Header, 39" Visible, Class 1 Clear Anodized
12 ea. Stainless Steel Push Plate Switch
6 ea. BEA 10BR3 PROG 3-RELAY LOGIC MODULE
6 ea. Quarterly PM

Net Price: \$15,790.00

Add/Deduct as Required:

ALT: Add to furnish and install BEA bollard post per spec 087113 (2.5)(C)(1)(b)... \$320.00 each

Scope of Work:

Furnish and install SIX (6) Single Stanley Magic-Force Heavy-Duty low-energy swing door operator with the following features and accessories: visible header case for single door leaf. The header will be surface mount over door on push side - MC521 micro-processor control. - Heavy duty electro-mechanical power open/spring close drive. - Soft start, soft stop logic, reverse on obstruction feature. - Adjustable opening/closing time and hold open time within limits of ANSI A156.19 - On/off/hold switch. - Activation by pushplate wall switches. Time delay to interface with electric locking (electric locking and access control coordination wiring is required by others). Prevailing Wage/Union Stanley Technicians. Includes Quarterly preventative maintenance.

Lead Time/Warranty:

Lead Time: Current equipment lead time is 6 weeks from receipt of order and approved dimensions. Equipment is furnished and installed during normal business hours, (8:00AM to 4:30PM, Mon-Fri).

Warranty: 2 year parts and labor. 12 months of quarterly preventative maintenance. During normal business hours Mon-Fri 8:00AM to 4:30PM.

Exclusions:

- Doors, frames & associated hardware.
- 120 volts AC to inside auto door header 5 amp min.
- Back boxes & low voltage wiring from any control to inside auto door header.
- After hours premium labor.
- Structural support / wood blocking for swing headers.
- Permits & inspections by others.
- All coordination and control wiring from switches and access control to operators.

If you would like to pay by Credit Card, please contact us at 1(800) 727-2377 Ext. 6

We accept the following Credit Cards:





GALENO AND ASSOCIATES INC
83 EASTMAN STREET
SOUTH EASTON, MA 2375
Tel: 508-238-5083
Fax: 508-238-5028

Kevin Kalmin
Territory Manager

Quotation #85734-1
Caleb Dustin Hunking School

New England-MA Branch
25 Ash Lane
Dudley, MA
USA, 01571
Tel: 508-461-9175
Fax: 866-709-4696
Mobile:
Email: Kevin.Kalmin@sbdinc.com

Conditions: Acceptance of this Quotation by purchaser shall constitute an order and is a contract for the purchase of the items & services described herein. The terms of this contract are as follows: Payment by purchaser to Stanley is "Net 30 days", subject only to contract termination by Stanley in the event of an adverse credit decision by Stanley's Credit Department. Payment is not contingent upon purchaser's receipt of moneys from owner or any other source. Purchaser acknowledges that the goods which are the subject of this contract are not returnable and will typically be custom fabricated by Stanley. Unless specifically set forth in this quotation, prevailing wages and specific workforce requirements are excluded. The following shall represent events of default by purchaser in the terms of this contract: non-payment in accordance with the terms set out herein, cancellation of this order by purchaser or refusal by purchaser or its agent to accept delivery of the goods from Stanley. In the event of default by purchaser, purchaser agrees to pay Stanley the contract price for all work completed by Stanley to the date of default or cancellation as well as all of Stanley's costs and expenses incurred in enforcing the terms of this contract including, but not limited to a reasonable attorney's fee, collection and court costs. This contract shall be governed by the laws of the State of Connecticut, which state shall have exclusive jurisdiction. Except for purchaser's payment obligations, neither party shall be liable for any failure under this agreement due to acts of nature, acts, regulations or laws of any government; riot, strike, or labor dispute; destruction of product facilities and materials by fire, earthquake or storm; failure of public utilities or common carriers; or any other causes beyond the reasonable control of the affected party. Unless accepted by purchaser, this quotation shall expire ninety days from the date hereof. Sales tax is not included in this Quotation.

This document is a contract. I affirm that I have authority to sign this contract and this is my acceptance of this Quotation as well as my authorization to proceed with the above stated work at the price of \$_____, plus applicable sales tax.

Signature: _____ Title: _____

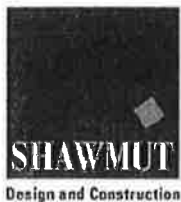
Name (print): _____ Date: _____

Ref# _____

If you would like to pay by Credit Card, please contact us at 1(800) 722-2377 Ext 6.

We accept the following Credit Cards:





Request for Information RFI172

Project # 131411
MSBA - Haverhill Caleb Dustin MS

RFI #: RFI172

Date Created: October 26, 2015

To:

Katy Lillich
JCJ Architecture, Inc.
1 State Street
Boston MA, 02109

From:

Joseph Pollock
Shawmut Design & Construction
560 Harrison Avenue
Boston MA, 02118

Subject

Automatic Door Operators

Source

Cost Impact

Potentially

Amount

\$TBD

Schedule Impact

No

Days

TBD

Question

Date Required: November 02, 2015

The Hardware Schedule says to reference spec section 087113 for Automatic Door Operators, however this spec section is not included in the specifications.

Please provide.

Suggestion

Answer

Date Answered:

See attached.
KKL 11/09/15

Cc: Company Name

Contact Name

SECTION 087113

AUTOMATIC DOOR OPERATORS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Low-energy door operators for swinging doors.
- B. Related Requirements:
 - 1. Section 033000 "Cast-in-Place Concrete" for installing recessed metal frames for control mats in concrete.

1.3 DEFINITIONS

- A. AAADM: American Association of Automatic Door Manufacturers.
- B. Activation Device: A control that, when actuated, sends an electrical signal to the door operator to open the door.
- C. Safety Device: A control that, to avoid injury, prevents a door from opening or closing.
- D. For automatic door terminology, see BHMA A156.19 for definitions of terms.

1.4 COORDINATION

- A. Coordinate sizes and locations of recesses in concrete floors for recessed control mats that control automatic door operators. Concrete, reinforcement, and formwork requirements are specified elsewhere.
- B. Templates: Distribute for doors, frames, and other work specified to be factory prepared and reinforced for installing automatic door operators.
- C. Coordinate hardware for doors with operators to ensure proper size, thickness, hand, function, and finish.
- D. Electrical System Roughing-in: Coordinate layout and installation of automatic door operators with connections to power supplies and access-control system.

1.5 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.6 ACTION SUBMITTALS

- A. Product Data: For each type of product.

1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for automatic door operators.
 2. Include rated capacities, operating characteristics, electrical characteristics, and furnished specialties and accessories.
- B. Shop Drawings: For automatic door operators.
1. Include plans, elevations, sections, hardware mounting heights, and attachment details.
 2. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
 3. Indicate locations of activation and safety devices.
 4. Include diagrams for power, signal, and control wiring.
 5. Include plans, elevations, sections, and attachment details for guide rails.
- C. Samples: For each exposed product and for each color and texture specified, manufacturer's standard size.

1.7 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Manufacturer, Installer and Certified Inspector.
- B. Product Certificates: For each type of automatic door operator.
- C. Field quality-control reports.
- D. Sample Warranties: For manufacturer's special warranties.

1.8 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For automatic door operators, safety devices, and control systems, to include in maintenance manuals.

1.9 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Equipment shall be manufactured by an AAADM registered manufacturer. Equipment shall meet or exceed the American National Standard for Low energy Power Operated Pedestrian Doors ANSI/BMHA 156.19.
- B. Installer Qualifications: An AAADM certified, authorized representative who is trained and approved by manufacturer for installation and maintenance of units required for this Project and who employs a Certified Inspector.
 1. Maintenance Proximity: Not more than two hours' normal travel time from Installer's place of business to Project site.
- C. Certified Inspector Qualifications: Certified by AAADM.

1.10 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of automatic door operators that fail in materials or workmanship within specified warranty period.
 1. Failures include, but are not limited to, the following:

- a. Faulty or sporadic operation of automatic door operator, including controls.
 - b. Deterioration of metals, metal finishes, and other materials beyond normal weathering or use.
2. Warranty Period: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide Model 8100; record-USA or comparable product by one of the following:
1. Besam Entrance Solutions; Subsidiary of ASSA ABLOY Entrance Systems.
 2. Horton Automatics; a division of Overhead Door Corporation.
 3. Nabco Entrances Inc.
 4. Stanley Access Technologies, LLC; Div. Of Stanley Security Solutions.
- B. Source Limitations: Obtain automatic door operators, including activation and safety devices, from single source from single manufacturer.

2.2 AUTOMATIC DOOR OPERATORS, GENERAL

- A. General: Provide operators of size recommended by manufacturer for door size, weight, and movement; for condition of exposure; and for long-term, maintenance-free operation under normal traffic load for occupancy type indicated; and according to UL 325. Coordinate operator mechanisms with door operation, hinges, and activation and safety devices.
1. Emergency Breakaway: Where indicated for center-pivoted doors, provide emergency breakaway feature for reverse swing of doors. Equip system to discontinue power to automatic door operator when door is in emergency breakaway position, to return door to closed position after breakaway, and to automatically reset.
 2. Fire-Rated Doors: Provide door operators for fire-rated door assemblies that comply with NFPA 80 for fire-rated door components and are listed and labeled by a qualified testing agency.
 3. Wind Load: Provide door operators on exterior doors that will open and close doors and maintain them in fully closed position when subjected to wind load of <Insert wind load>.
- B. Electromechanical Operating System: Self-contained unit powered by permanent-magnet dc motor; with closing speed controlled mechanically by gear train and dynamically by braking action of electric motor, connections for power and activation- and safety-device wiring, and manual operation including spring closing when power is off.
- C. Hinges: See Section 087100 "Door Hardware" for hinge type for each door that door operator shall accommodate.
- D. Cover for Surface-Mounted Operators: Fabricated from 0.125-inch- (3.2-mm-) thick, extruded or formed aluminum; manufacturer's standard width; with enclosed end caps, provision for maintenance access, and fasteners concealed when door is in closed position.
- E. Brackets and Reinforcements: Fabricated from aluminum with nonstaining, nonferrous shims for aligning system components.
- F. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by

a qualified testing agency, and marked for intended location and application.

2.3 LOW-ENERGY DOOR OPERATORS

- A. Standard: BHMA A156.19.
- B. Performance Requirements:
 - 1. Opening Force if Power Fails: Not more than 15 lbf (67 N) required to release latch if provided, not more than 30 lbf (133 N) required to manually set door in motion, and not more than 15 lbf (67 N) required to fully open door.
 - 2. Entrapment-Prevention Force: Not more than 15 lbf (67 N) required to prevent stopped door from closing or opening.
- C. Configuration: Operator to control single swinging door.
 - 1. Traffic Pattern: One way.
 - 2. Operator Mounting: Overhead concealed.
- D. Operation: Power opening and power-assisted spring closing. Provide time delay for door to remain open before initiating closing cycle as required by BHMA A156.19. When not in automatic mode, door operator shall function as manual door closer, with or without electrical power.
- E. Operating System: Electromechanical.
- F. Microprocessor Control Unit: Solid-state controller.
- G. Features:
 - 1. Adjustable opening and closing speed.
 - 2. Adjustable opening and closing force.
 - 3. Adjustable backcheck.
 - 4. Adjustable hold-open time from zero to 30 seconds.
 - 5. Adjustable time delay.
 - 6. Adjustable acceleration.
 - 7. Obstruction recycle.
 - 8. On-off/hold-open switch to control electric power to operator; key operated.
- H. Activation Device: Push-plate switch on each side of door to activate door operator.
- I. Exposed Finish: Class I, clear anodic finish.

2.4 MATERIALS

- A. Aluminum: Alloy and temper recommended by manufacturer for type of use and finish indicated.
 - 1. Extrusions: ASTM B 221 (ASTM B 221M).
 - 2. Sheet: ASTM B 209 (ASTM B 209M).
- B. Stainless-Steel Sheet: ASTM A 240/A 240M or ASTM A 666, Type 304, stretcher-leveled standard of flatness, in manufacturer's standard thickness.
- C. Fasteners and Accessories: Corrosion-resistant, nonstaining, nonbleeding fasteners and accessories compatible with adjacent materials.

2.5 CONTROLS

- A. General: Provide controls, including activation and safety devices, according to BHMA standards; for condition of exposure; and for long-term, maintenance-free operation under normal traffic load for occupancy type indicated. Coordinate activation and safety devices with door operation and door operator mechanisms.
- B. Presence Sensors: Self-contained, active-infrared scanner units; adjustable to provide detection field sizes and functions required by BHMA A156.10. Sensors shall remain active at all times.
- C. Push-Plate Switch: Momentary-contact door control switch with flat push-plate actuator with contrasting-colored, engraved message.
 - 1. Configuration: Rectangular push plate with 2-by-4-inch (50-by-100-mm) junction box.
 - a. Mounting: Recess mounted, semiflush in wall at Lower School and Upper School Entrances.
 - b. Mounting: Surface mounted on post and Main School Entrance.
 - 2. Push-Plate Material: Stainless steel as selected by Architect from manufacturer's full range.
 - 3. Message: International symbol of accessibility and "Push to Open."
- D. Electrical Interlocks: Unless units are equipped with self-protecting devices or circuits, provide electrical interlocks to prevent activation of operator when door is locked, latched, or bolted.

2.6 FABRICATION

- A. Factory fabricate automatic door operators to comply with indicated standards.
- B. Form aluminum shapes before finishing.
- C. Fabricate exterior components to drain condensation and water passing joints within operator enclosure to the exterior.
- D. Use concealed fasteners to greatest extent possible. Where exposed fasteners are required, use countersunk Phillips flat-head machine screws, finished to match operator.
- E. Provide metal cladding, completely covering visible surfaces before shipment to Project site. Fabricate cladding with concealed fasteners and connection devices, with accurately fitted joints with ends coped or mitered to produce hairline joints free of burrs and distortion, and with allowance for thermal expansion at exterior doors.

2.7 ACCESSORIES

- A. Signage: As required by cited BHMA standard for type of door and its operation.
 - 1. Application Process: Operator manufacturer's standard process.
 - 2. Provide sign materials with instructions for field application when operators are installed.

2.8 GENERAL FINISH REQUIREMENTS

- A. Protect mechanical finishes on exposed surfaces from damage by applying strippable, temporary protective covering before shipping.
- B. Apply organic and anodic finishes to formed metal after fabrication unless otherwise indicated.

- C. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within range of approved Samples and are assembled or installed to minimize contrast.

2.9 ALUMINUM FINISHES

- A. Clear Anodic Finish: AAMA 611, AA-M12C22A41, Class I, 0.018 mm or thicker.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine conditions, with Installer present, for compliance with requirements for installation tolerances, door and frame preparation and reinforcements, and other conditions affecting performance of automatic door operators.
- B. Examine roughing-in for electrical systems to verify actual locations of power connections before automatic door operator installation.
- C. Verify that full-height finger guards are installed at each door with pivot hinges where door has a clearance at hinge side greater than 1/4 inch (6 mm) and less than 3/4 inch (19 mm) with door in any position.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General: Install automatic door operators according to manufacturer's written instructions and cited BHMA standard for type of door operation and direction of pedestrian travel, including signage, controls, wiring, remote power units if any, and connection to building's power supply.
 - 1. Do not install damaged components. Fit joints to produce hairline joints free of burrs and distortion.
 - 2. Install operators true in alignment with established lines and door geometry without warp or rack. Anchor securely in place.
- B. Controls: Install activation and safety devices according to manufacturer's written instructions and cited BHMA standard for operator type and direction of pedestrian travel. Connect control wiring according to Section 260000 "Electrical."
- C. Access-Control System: Connect operators to access-control system as specified in Section 281000 "Security Systems."
- D. Signage: Apply on both sides of each door as required by cited BHMA standard for type of door operator and direction of pedestrian travel.

3.3 FIELD QUALITY CONTROL

- A. Certified Inspector: Engage a Certified Inspector to test and inspect components, assemblies, and installations, including connections.
- B. Perform the following tests and inspections with the assistance of a factory-authorized service representative:

1. Test and inspect each automatic door operator installation, using AAADM inspection forms, to determine compliance of installed systems with applicable BHMA standards.
- C. Automatic door operators will be considered defective if they do not pass tests and inspections.
- D. Prepare test and inspection reports.

3.4 ADJUSTING

- A. Adjust automatic door operators to function smoothly, and lubricate as recommended by manufacturer; comply with requirements of applicable BHMA standards.
 1. Adjust operators on exterior doors for weathertight closure.
- B. After completing installation of automatic door operators, inspect exposed finishes on doors and operators. Repair damaged finish to match original finish.
- C. Readjust automatic door operators and controls after repeated operation of completed installation equivalent to three days' use by normal traffic (100 to 300 cycles).
- D. Occupancy Adjustment: When requested within 12 months of date of Substantial Completion, provide on-site assistance in adjusting system to suit actual occupied conditions. Provide up to two visits to Project during other-than-normal occupancy hours for this purpose.

3.5 MAINTENANCE SERVICE

- A. Initial Maintenance Service: Beginning at Substantial Completion, maintenance service shall include 12 months' full maintenance by skilled employees of automatic door operator Installer. Include quarterly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper door operation. Parts and supplies shall be manufacturer's authorized replacement parts and supplies.
 1. Engage a Certified Inspector to perform safety inspection after each adjustment or repair and at end of maintenance period. Furnish completed inspection reports to Owner.
 2. Perform maintenance, including emergency callback service, during normal working hours.
 3. Include 24-hour-per-day, 7-day-per-week, emergency callback service.

3.6 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain automatic door operators.

END OF SECTION 087113



Change Request BT201

To: William Cunniff
Joslin Lesser & Assoc
44 Pleasant Street
Watertown, MA 02472

Date: March 29, 2016
Project #: 131411
Project: MSBA - Haverhill Caleb Dustin MS

Description: Header Detail at Interior Storefronts SI-19, 20 & 21 per RFI #291

Item Description	Amount
Angelini; Add Header Detail at Interior Storefronts SI-19, 20 & 21 per RFI #291	\$3,536
Contingency; Add Header Detail at Interior Storefronts SI-19, 20 & 21 per RFI #291	\$(3,536)
Total:	\$0

Type: Lump sum proposal
Schedule Impact: This change will add 0 day(s) to the contract completion date.
Overtime: Project OT Not Required
Notes:

By: Katy Lillich, JCJ Architecture, Inc.

Date: 4.19.16

By: Joseph Pollock, Shawmut Design & Construction

Date: 4/13/16

By: William Cunniff, Joslin Lesser & Assoc

Date: 4/19/16

SUBCONTRACTOR CHANGE REQUEST

Caleb Dustin Hunking School	
SDC PCI NUMBER:	RFL291
DATE:	3/10/2016

PROJ. NO. 131411

PCI DESC. added header detail over frames SI-19.20 and SI21

C.M. Shawmut Design & Construction

FIRM SUBMITTING CHANGE REQUEST: Angelini Plastering Inc

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "Rate Approval Pricing Form", after its approval by the CM and Owner or the Prevailing Wage Table in the specifications.			
			Hourly Labor Rate (Base + Fringes); (Item I from Rate Approval Pricing Form OR Total Rate from PREVAILING WAGE RATE TABLE)	Total Labor Cost (Wages + Fringe only)	Base Wage Rate for Ins/Taxes (Item D from Rate Approval Pricing Form, or Base Rate from PREVAILING WAGE RATE TABLE)	
Carpenter	Foreman-MacLean	2.00	\$ 76.86	\$ 153.72	\$ 48.92	\$ 153.72
Carpenter	Journeyman-API	24.00	\$ 71.86	\$ 1,724.64	\$ 43.92	\$ 1,724.64
Taper	Foreman-Strout		\$ 72.37	\$ -	\$ 44.95	\$ -
Taper	Journeyman-API	6.00	\$ 69.87	\$ 419.22	\$ 42.45	\$ 419.22
Laborer	Foreman-Delaney	3.00	\$ 57.25	\$ 171.75	\$ 35.35	\$ 171.75
			Total Base Wages		\$ 1,512.67	
			TOTAL BASE and FRINGE DIRECT LABOR COSTS \$ 2,469.33			

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
3 5/8" track	110.00	LF	\$0.43	\$ 47.30
3 5/8" Stud	168.00	LF	\$0.45	\$ 75.60
Type X drywall	232.00	SQFT	\$0.30	\$ 69.60
Drywall compound	221.00	SQFT	\$0.10	\$ 22.10
Fastners	783.00	PCS	\$ 0.05	\$ 39.15
2x6x8	55.00	LF	\$ 0.85	\$ 46.75
			\$	-
TOTAL MATERIALS COST:			\$	300.50

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$ -
				\$ -
				\$ -
				\$ -
G:\Caleb Dustin Hunking\Lump Sum Pricing Formats & Log\Subcontractor Change Orders\000				

G:\Caleb Dustin Hunking\Lump Sum Pricing Formats & Log\Subcontractor Change Request Form

SDC PCI NUMBER: RFI-291
DATE: 3/10/2016

PCI DESC. added header detail over frames SI-19.20 and SI21

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 2,769.83

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

\$ 276.98

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above \$ 1,512.67
Insurance & Taxes Rate (30%, or as approved on "RATE APPROVAL PRICING FORM") 30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR \$ 453.80

8. TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7):

\$ 3,500.61

9. TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

10. ** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)

11. TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10):

\$ 3,500.61

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11.

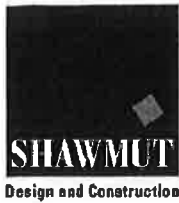
\$ 35.01

13. TOTAL CHANGE PROPOSAL AMOUNT, including bond cost

\$ 3,536.00

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.
Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.



Request for Information RFI291

Project # 131411
MSBA - Haverhill Caleb Dustin MS

RFI #: RFI291

Date Created: February 19, 2016

To:

Katy Lillich
JCJ Architecture, Inc.
1 State Street
Boston MA, 02109

From:

Andrew LaRosa
Shawmut Design & Construction
560 Harrison Avenue
Boston MA, 02118

Subject

Interior Storefront Vestibule Framing

Source

Cost Impact

Potentially

Amount

\$TBD

Schedule Impact

Potentially

Days

TBD

Question

Date Required: February 26, 2016

Interior storefront vestibules SI-19, SI-20 and SI-21 go from floor level up to ceiling and do not show a wall or any type of framing above. Please provide a detail for framing above these storefronts.

Suggestion

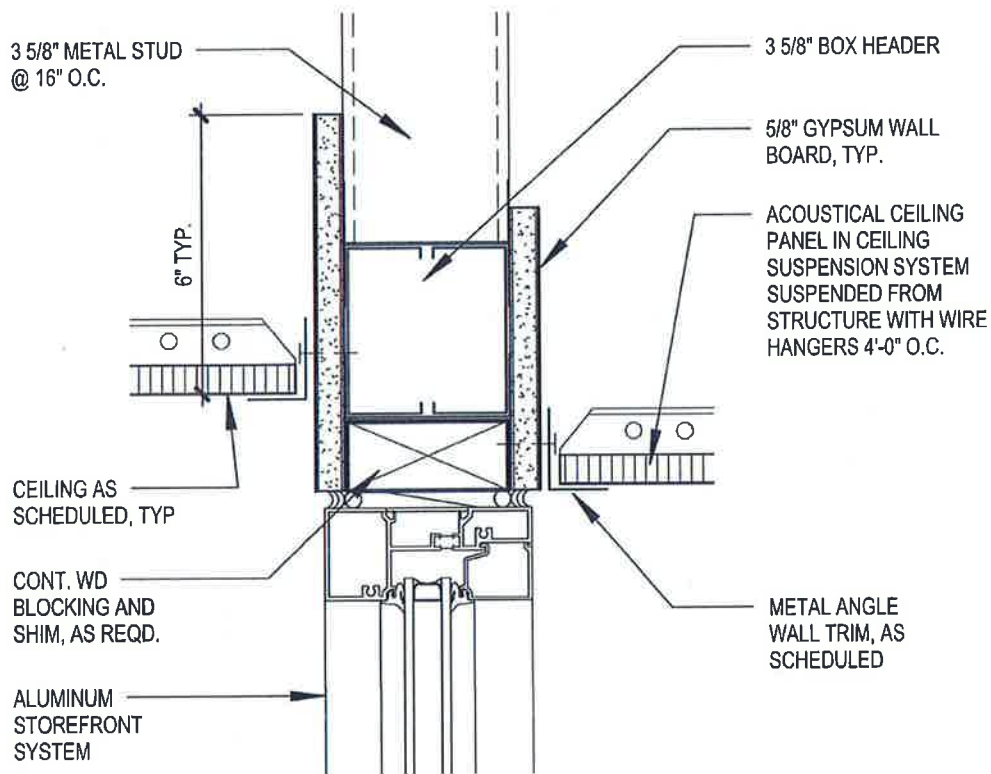
Answer

Date Answered: ,

See SK-043, attached.
KKL 02/29/16

Cc: Company Name

Contact Name



1 INTERIOR STOREFRONT HEAD

3" = 1'-0"

JCJARCHITECTURE

38 PROSPECT STREET
HARTFORD, CT 06103
860.247.9226

RFI-291

CALEB DUSTIN HUNKING SCHOOL

DRAWING REFERENCE:

DATE: 02/29/16

PROJECT: B13020.01

DRAWN: CPC

SCALE: 3" = 1'-0"

SK-043



Change Request BT206

To: William Cunniff
Joslin Lesser & Assoc
44 Pleasant Street
Watertown, MA 02472

Date: April 14, 2016
Project #: 131411
Project: MSBA - Haverhill Caleb, Dustin MS

Description: Firestopping at Edge of Slab - Top of Partitions, All Floors

Item Description	Amount
Angelini; Firestopping at Edge of Slab - Top of Partitions, All Floors	\$20,776
Contingency; Firestopping at Edge of Slab - Top of Partitions, All Floors	\$(20,776)
Total:	\$0

Type: Lump sum proposal
Schedule Impact: This change will add 0 day(s) to the contract completion date.
Overtime: Project OT Not Required
Notes:


By: Katy Lillich, JCJ Architecture, Inc.

4.19.16
Date:


By: Joseph Pollock, Shawmut Design & Construction

4/14/16
Date:


By: William Cunniff, Joslin Lesser & Assoc

4/19/16
Date:

SUBCONTRACTOR CHANGE REQUEST

 LOWER-LEVEL SUBS: Use SUB-
 SUBCONTRACTOR Form, NOT this
 form

Caleb Dustin Hunking School

PROJ. NO.

131411

C.M. Shawmut Design & Construction

SDC PCI NUMBER: RFL272-R1
DATE: 3/3/2016

PCI DESC

staff swap between Zones and with them other than space for pulling over the top of a zone on initial and third time.

FIRM SUBMITTING CHANGE REQUEST:

Angelini Plastering Inc

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner Approved Wages and Rates.

If any work is performed by a lower tier sub, their rates must be approved by the Owner prior to executing any changes, and those rates, if different to a Sub-Subcontractor Change Request form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Working	Hourly Labor Rate (Base + Fringes) (Item 1 from Rate Approval Pricing Form OR Total Rate from PREVAILING WAGE RATE TABLE)	Total Labor Cost (Wages + Fringe only)	Base Wage Rate for Item 1 (Item 1 from Rate Approval Pricing Form, or Base Rate from PREVAILING WAGE RATE TABLE)	Total Labor Cost (Wages + Fringe only)
Carpenter	Foreman-MacLean	9.00	\$ 76.86	\$ 691.74	\$ 45.92	\$ 691.74
Carpenter	Journeyman-API	104.00	\$ 71.86	\$ 7,473.44	\$ 43.92	\$ 7,473.44
Paper	Foreman-Serant		\$ 72.57	\$ -	\$ 44.95	\$ -
Paper	Journeyman-API	16.00	\$ 69.87	\$ 1,117.92	\$ 42.45	\$ 1,117.92
Laborer	Foreman-Delaney	4.00	\$ 57.25	\$ 229.00	\$ 33.35	\$ 229.00
			Total Base Wages	\$ 8,828.56		
			TOTAL BASE and FRINGE DIRECT LABOR COSTS			\$ 9,512.10

2. MATERIALS: SUBCONTRACTOR:

(For extensive materials lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
Insulation FOAM SPRAY	3,132.00	LF	\$2.24	\$ 7,007.00
Roswell insulation	3,445.00	LF	\$0.16	\$ 551.20
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			TOTAL MATERIALS COST:	\$ 7,558.20

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$
				\$
				\$
				\$
G:\Caleb Quinlan\Hunkindl\unit Sum Pricing Estimate 51001\Subcontractor Cost\TOTAL EQUIPMENT COST:				\$

G:\Caleb Dustin Hunking\Sump Pump Pricing Formats 6 Log\Subcontractor Change Request-EQUIPMENT COST: \$

SDC PCI NUMBER:
DATE:

PCI DESC:

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach invoice	Total
	\$
	\$
	\$
	\$
TOTAL LUMP SUM SERVICES COST:	\$

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 17,110.30

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

\$ 1,711.03

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above: \$ 5,328.56
Insurance & Taxes Rate (30%, or as approved on WETA APPROVAL PRE-BID FORM) 10.00%

TOTAL COST INSURANCE AND TAXES ON LABOR \$ 1,748.57

8.

TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, AND 7):

\$ 20,569.90

9.

TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

\$

10.

** ALLOWABLE MAKEUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)

\$

11.

TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10):

\$ 20,569.90

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11:

1.00% ITEM 11: \$ 206.70

13.

TOTAL CHANGE PROPOSAL AMOUNT, including bond cost

\$ 20,776.00

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.

** By

Contract, the maximum aggregate markup allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.

Pollock, Joseph T

From: Pollock, Joseph T
Sent: Wednesday, April 13, 2016 3:16 PM
To: 'Jay Cloutier'
Subject: RE: Caleb Dustin Firestopping

Thanks

Joseph Pollock, Project Manager
Shawmut Design and Construction | 560 Harrison Avenue, Boston, MA 02118
T 617-622-8488 | C 603-540-2394
www.shawmut.com | [Facebook](#) | [LinkedIn](#) | [Twitter](#)

From: Jay Cloutier [<mailto:jcloutier@angeliniplastering.com>]
Sent: Wednesday, April 13, 2016 2:58 PM
To: Pollock, Joseph T
Subject: FW: Caleb Dustin Firestopping

Joe,

RFI-263 as discussed. also see below on instructions from 3M

Jay Cloutier

Angelini Plastering Inc.
304 Main Street
North Reading, MA. 01864
Cell: 978-361-6787

www.angeliniplastering.com

From: Michael Palmacci [<mailto:mpalmacci@generalinsulation.com>]
Sent: Thursday, January 21, 2016 3:46 PM
To: Jay Cloutier
Subject: Caleb Dustin Firestopping

Jay,

Per our phone conversation.

1. Fire rated walls:

gypsum to I beam. leave minimum 1/4" to max 3/4" gap at top of wall.

a) if using FD200 spray, joint needs to be stuffed with mineral wool and 1/8" of spray applied. Overlapping 1" on to wall and beam. Spray will dry to 1/16". Both sides of wall.

b) if using 150+ caulking product no mineral needed. 5/8" depth of sealant flush with wall.



gypsum to fluted deck

a)stuff flutes with deck plugs flush with wall. Ed200 spray applied 1/8" overlap 1" onto wall and ceiling.
Both sides of wall

2. Smoke and/or Sound walls

Gypsum to I beam. leave minimum 1/2" to max 3/4" gap. No mineral wool needed. Spray Pecora AIS-919 1/4" depth ONE side of wall only.

Gypsum to fluted deck. Stuff flutes with deck plugs. Spray Pecora AIS-919 ONE side of wall only

I spoke with John with Shawmut regarding smoke and sound walls. he said to follow manufacturers instructions which states one side wall only. See attached.

Please pass this along to Eric for his records.

Let me know if you have any questions or need anything else.

Thank you.

Mike Palmacci
BM Sales Specialist-Firestop
General Insulation Company, Inc.
www.generalinsulation.com
378 Commercial st
Malden, Ma 02148
Cell: (617)590-9214
Phone: (781)321-5300
Fax: (781)321-5350
mpalmacci@generalinsulation.com



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Request for Information RFI272R1

Project # 131411
MSBA - Haverhill Caleb Dustin MS

RFI #: RFI272R1		Date Created: February 10, 2016	
To: Katy Lillich JCJ Architecture, Inc. 1 State Street Boston MA, 02109		From: Andrew LaRosa Shawmut Design & Construction 560 Harrison Avenue Boston MA, 02118	
Subject: Slab and Roof Edge Firestopping		Source:	
Cost Impact: Potentially	Amount: \$TBD	Schedule Impact: Potentially	Days: TBD
Question: Please see the attached, approved sheathing product data, supplementary information regarding the sheathing, and an excerpt from the approved drywall submittal (submittal 092900-2.1 labeled GB-1, 2, 3). The sheathing currently installed is fireguard and the drywall currently installed is type X board. The attached, marked-up drawing 2/A-510 shows the drywall/sheathing assembly from floor to floor that is currently installed. Please advise if installing fire sealant at the top of drywall is a requirement (see note on attached drawing) and advise if this assembly meets fireproofing requirement from floor to floor. Also please confirm that what is shown in drawings meets firestopping requirements at all roof edges and advise if fire sealant is required at the top of drywall.		Date Required: February 17, 2016	
Suggestion:			
Answer: The assembly shown in the attached sketch meets the intent of the firestop. Where fireproofing is cementitious based, firestopping is required at the joint between the drywall and the fireproofing material (both at floor and roof details). KKL 02/11/16		Date Answered:	
Co: Company Name		Contact Name	



Shawmut Design & Construction
580 Harrison Avenue
Boston MA 02118
US

PROJECT

No TR0287

PROJECT: MSBA - Haverhill Caleb Dustin MS

DATE: 08/13/2015

To: JCJ Architecture, Inc.
319 A Street Studio 4A
Boston MA 02210
US

RE: 2.1 Gypsum Wall Sheathing Product Data

ATTN: Katy Litch

JOB: 131411

WE ARE SENDING:		SUBMITTED FOR:		ACTION TAKEN:	
☐	Shop Drawings	☒	Approval	☐	Approved as Submitted
☐	Letter	☐	Your Use	☐	Approved as Noted
☐	Prints	☐	As Requested	☐	Returned After Loan
☐	Change Order	☐	Review and Comment	☐	Resubmit
☐	Plans	☐		☐	Submit
☐	Samples	SENT VIA:		☐	Returned
☐	Specifications	☒	Attached	☐	Returned for Corrections
☐	Other:	☐	Separate Cover	☒	Due Date: 09/22/2015
☒	Submittal:	☐	Other: N	☐	Other:

Line	Item	Package	Code	Rev.	QTY	Date	Description	Status
1	Submittal		002-061600	1		08/13/2015	2.1 Gypsum Wall Sheathing Product Data	For Review and Approval

REMARKS:

CC:

Signed: _____

Joseph Pollock

JCJ ARCHITECTURE

☒ NO EXCEPTIONS ☐ RESUBMIT
☐ AMEND AS NOTED ☐ REJECTED

CONTRACTOR TO VERIFY ALL DIMENSIONS AND QUANTITIES

DATE 8/13/15 BY KKL

SHOP DRAWINGS, SAMPLES AND OTHER SUBMITTALS OF THE CONTRACTOR ARE REVIEWED ONLY FOR GENERAL COMPLIANCE TO DESIGN CONCEPT OF THE PROJECT AND FOR GENERAL COMPLIANCE WITH THE CONSTRUCTION CONTRACT.

Job Name: Caleb Dustin Hunking School

Job Number: 131411 Date: 8/13/15

Reviewed By: AJL

Submittal #: 002-061600

Submittal Type:

Shop Drawing(s) ☐ Sample(s) ☐
Cut Sheet(s) ☐ Photo(s) ☐
Product Data ☒ Calculations ☐
Test Report(s) ☐ Mix Design(s) ☐



304 Main Street, North Reading, MA 01864
Ph: (978) 664 3836 Fax: (978) 664 0771

Project: Cole's Junior High School
GC: Shawana
Attn: Joe Pollock

Manufacturer

Georgia-Pacific Gypsum
153 Peachtree Street
Atlanta, GA 30303

Georgia-Pacific Canada
2180 Meadowvale Boulevard, Suite 200
Mississauga, ON L4N 5S3

Technical Service Hotline: 1-800-225-6119

Description

DensGlass[®] Sheathing is a gypsum panel made of a treated, water-resistant core, surfaced with fiberglass mats and a GOU colored primer coating. Providing superb protection from the elements, DensGlass Sheathing is resistant to delamination and deterioration due to weather exposure—even during construction delays that last as long as twelve months after installation and are backed by a limited warranty against delamination and deterioration for up to 12 months of exposure to normal weather conditions.* DensGlass Sheathing panels are also mold-resistant, and have scored a 10, the highest level of performance for mold resistance under ASTM D3273 test method.

DensGlass Sheathing exhibits a dimensional stability that assures resistance to warping, ripping, buckling and sagging for a flat and even substrate and is noncombustible as defined and tested in accordance with ASTM E136 or CAN/ULC S114. Since DensGlass Sheathing is strong in both directions, it may be installed either parallel or perpendicular to wall framing members (always follow specific assembly installation instructions).

Primary Uses

Because of the superior performance of DensGlass Sheathing, it is specified for exterior walls, ceilings and soffits in a wide variety of applications. These include exterior foundation and finish systems (EIFS), cavity brick in three-segment applications, cladding such as wood siding, vinyl siding, compression siding, wood shingles, shakes, conventional stone systems, plywood siding panels, and interior finish systems that require a substrate panel with moisture, fire and moisture resistance for EIFS applications. DensGlass Sheathing is an ideal substrate for adhesive or mechanical application of expanded polystyrene or extruded polystyrene insulation and is recommended in all climate zones.

Manufacturers of water and air sensitive barriers, which include attached flexible membranes, self-adhered membranes and liquid applied, have found DensGlass Sheathing to be a suitable substrate for their systems.

DensGlass Sheathing is an ideal product for exterior ceilings and soffits for both cold and warm climate zones. It resists sagging, even under exceptionally humid conditions. Panels are applied directly to structural framing. Surface and joints may be finished and painted, or surfaced with an exterior finish system.

Limitations

DensGlass Sheathing is resistant to normal weather conditions, but it is not intended for immersion in water. Cascading roof/floor water should be directed away from the sheathing until appropriate drainage is installed.

Avoid any conditions that will create moisture in the air and condensation on DensGlass Sheathing. The use of forced air heaters creates volumes of water vapor which, when not properly vented, can condense on building materials. The use of these heaters and any resulting damage is not the responsibility of Georgia-Pacific Gypsum. Consult heater manufacturers for proper use and ventilation.

When DensGlass Sheathing panels are used in studded wall applications, that portion of the wall must be temporarily protected from the elements. Do not allow water to pond or settle on sheathing. Also, exposed wall ends must be covered to prevent water from infiltrating the cavity.

Georgia-Pacific Gypsum does not warrant and is not responsible or liable for the performance of the cladding or exterior systems applied over DensGlass Sheathing. The suitability and compatibility of any system is the responsibility of the system manufacturer or design authority.

Do not laminate masonry surfaces to DensGlass Sheathing, use furring strips or framing.

DensGlass Sheathing is not intended for roof applications. For roof applications, consult our DensDuck[®] Roof Board brochure.

DensGlass Sheathing is not intended for interior or exterior tile applications. For interior tile applications, consult our DensShield[®] Tile Backer brochure.

DensGlass Sheathing should not be used in lieu of plywood where required.

Do not apply DensGlass Sheathing below grade.

For all installations, design details such as fasteners, sealants and control joints per system specifications must be properly installed. Openings and penetrations must be properly flashed and sealed. Failure to do so will void the warranty.

Do not use DensGlass Sheathing as a base for railing or mechanical fastening. Fasteners should be flush to the face of the board, not countersunk.

Technical Data

DensGlass Sheathing is noncombustible as described and tested in accordance with ASTM E136 or CAN/ULC S114.

DensGlass Sheathing exceeds ASTM C1396 sheathing standards for modified deflection by a factor of 10 in tests over the standard for regular gypsum sheathing. 1/8" (15.9 mm) DensGlass[®] Fireguard[®] Sheathing is UL and ULC classified Type DGG.

DensGlass Sheathing is manufactured to meet ASTM C1177.

Flame spread and smoke development in 1/8" when tested in accordance with ASTM E84 or CAN/ULC S102.

Handling and Use—CAUTION

This product contains fiberglass facings which may cause skin irritation. Dust and fibers produced during the handling and installation of the product may cause skin, eye and respiratory tract irritation. Avoid breathing dust and minimize contact with skin and eyes. Wear long sleeve shirts, long pants and eye protection. Always maintain adequate ventilation. Use a dust mask or NIOSH/MSHA approved respirator as appropriate in dusty or poorly ventilated areas.

Material Safety Data Sheet (MSDS) is available at www.buillogo.com/safetyinfo or call 1-800-652-5119.

Product Data

Thicknesses: 1/2" (12.7 mm), 5/8" (15.9 mm) or Type X (ASTM C1177)
Width: 4' (1220 mm) standard, tolerances up to ± 1/8" (3.2 mm)
Lengths: 8' (2438 mm), 9' (2743 mm) or 10' (3048 mm) standard
Edges: Square

* For complete warranty details, visit www.gpgypsum.com.

Submittal Approvals

Job Name _____

Contractor _____

Date _____

Physical Properties

Properties	1/2" (12.7 mm) DensGlass® Sheathing	5/8" (15.9 mm) DensGlass® Fireguard® Sheathing
Width, nominal	4' (1219 mm) ± 1/8" (3 mm)	4' (1219 mm) ± 1/8" (3 mm)
Length, standard	8' (2440 mm), 9' (2743 mm), 10' (3048 mm) ± 1/4" (6 mm)	8' (2440 mm), 9' (2743 mm), 10' (3048 mm) ± 1/4" (6 mm)
Weight, nominal, lbs./sq. ft. (kg/m²)	1.9 (5)	2.5 (12)
Edges	Square	Square
Bending radius*	8' (2438 mm)	8' (2438 mm)
Tacking strength ¹ , lbs./ft. (dry) (N/m), Ultimate-nail design value	>540 (7876)	>654 (9544)
Flexural strength ¹ , parallel, lb./in. (N), 4" weak direction	>80 (358)	>100 (445)
Compressive strength	min. 500 psi (3445 kPa)	min. 500 psi (3445 kPa)
Hamillflex deflection ^{1,2}	<2/8" (6 mm)	<1/8" (3 mm)
Permeance ³ , perms (ng/Pa-s-m²)	>23 (1300)	>12 (670)
R Value ³ , (R=F-hr/BTU (m²-K/W))	56 (0.099)	67 (0.118)
Combustibility ⁴	Noncombustible	Noncombustible
Linear expansion with moisture change, in/in. (%RH) (mm/mm. %RH) ⁵	6.25 x 10 ⁻⁴	6.25 x 10 ⁻⁴
Surface burning characteristics per ASTM E84 or CAN/ULC S102; flame spread/smoke developed	0/0	0/0
Coefficient of thermal expansion, in/in./°F (mm/mm./°C)	8.5 x 10 ⁻⁶ (15.3 x 10 ⁻⁶)	8.5 x 10 ⁻⁶ (15.3 x 10 ⁻⁶)

* Tested in accordance with ASTM C473

¹ Tested in accordance with ASTM E36 (dry-snap method)

² Tested in accordance with ASTM C518 (heat flow method)

³ Specified values per ASTM C177

* Double fasteners per code as needed

⁴ Tested in accordance with ASTM E22

⁵ As delivered and tested in accordance with ASTM E309 or CAN/ULC S111

* As tested by Gypsum Association GA-235

* Tested in accordance with ASTM E228-05



U.S.A. Georgia-Pacific Gypsum LLC
Georgia-Pacific Gypsum LLC
Canada Georgia-Pacific Canada LP

SALES INFORMATION AND OFFICE PLACEMENT

U.S.A. West 1-800-824-7503
Midwest 1-800-876-4745
South Central 1-800-231-6060
Southeast 1-800-527-2344
Northeast 1-800-547-4497

CANADA Canada Toll Free 1-800-387-6823
Canada Toll Free 1-800-361-0486

TECHNICAL INFORMATION

U.S.A. and Canada 1-800-225-6119, www.gpgypsum.com

TRADEMARKS Unless otherwise noted, all trademarks are owned by or licensed to Georgia-Pacific Gypsum LLC.

WARRANTIES, REMEDIES AND TERMS OF SALE For current warranty information for this product, please go to www.gpgypsum.com and select the product for warranty information. All sales of this product by Georgia-Pacific are subject to our Terms of Sale available at www.gpgypsum.com

UPDATES AND CURRENT INFORMATION The information in this document may change without notice. Visit our website at www.gpgypsum.com for updates and current information.

CAUTION For product fire, safety and use information, go to www.buildgp.com/safetyinfo or call 1-800-225-6119.

FIRE SAFETY CAUTION Passing a fire test in a controlled laboratory setting and/or certifying or labeling a product as having a one-hour, two-hour, or any other fire resistance or protection rating and, therefore, as acceptable for use in certain fire rated assemblies/systems, does not mean that either a particular assembly/system incorporating the product, or any given piece of the product itself, will necessarily provide one-hour fire resistance, two-hour fire resistance, or any other specified fire resistance or protection in an actual fire. In the event of an actual fire, you should immediately take any and all actions necessary for your safety and the safety of others without regard for any fire rating of any product or assembly/system.

DensGlass® Sheathing is a preferred substrate under brick, stone, stucco, siding and Exterior Insulation and Finishing Systems (EIFS) because of its exemplary track record. DensGlass Sheathing should be specified for any project where flexibility and easy sheathing installation are paramount without the headaches and expense of delamination, deterioration, sagging and warping. Look for the distinctive GOLD color to ensure you're using genuine DensGlass Sheathing.

Mold Resistance

In independent testing, DensGlass Sheathing, with its fiberglass mat design, has achieved a score of 10, the highest level of performance for mold resistance under ASTM D 3273. For additional information concerning mold resistance, go to www.buildgp.com/safetyinfo.

Strength

Fiberglass mats penetrate into the panel to make an integrated unit that offers superb strength; outstanding resistance to delamination, deterioration, warping and job site damage; and an excellent bonding surface for EIFS. The flexural strength of DensGlass Sheathing is approximately the same in both directions. This means DensGlass Sheathing can be installed either vertically or horizontally without sacrificing wall strength between studs. DensGlass panels also protect and help stabilize structural framing.

Stability

DensGlass Sheathing is extremely resistant to rippling, buckling and sagging, even under humid conditions—which makes it particularly suitable for soffits. In actual tests, DensGlass panels exceeded ASTM C 1396 standards for humidified deflection by a factor of five times over the standard for paper-faced gypsum sheathing.

Fire Resistance

DensGlass Sheathing is noncombustible as described and tested in accordance with ASTM E 138 or CAN/ULC S114. 5/8" (15.9 mm) DensGlass® Fireguard® Sheathing is included in a variety of UL and IBC listings and other designs in the GA 600 Fire Resistance Design Manual.

Superior Weather Protection

DensGlass Sheathing integrates a water resistant, treated core with a fiberglass mat face and back to provide superb protection from the elements.

A water-resistant barrier is not required over DensGlass Sheathing to provide for the protection of the gypsum sheathing during installation. DensGlass Sheathing is the ideal substrate for a wide variety of air and water-resistant barriers including building wraps, fluid applied coatings, self-adhering membranes and spray foam applications. See page 10 for details.

Easy to Handle

DensGlass Sheathing is lightweight and easy to handle. It can be cut and fastened with standard drywall tools and fasteners. The product is much easier to work with than cement board, fiber cement sheathing or magnesium oxide sheathing which tend to be heavy and brittle.

Outstanding Warranty

DensGlass Sheathing is covered by a 12-month limited warranty for exposure to normal weather conditions, a five-year limited warranty against manufacturing defects and a 12-year limited warranty when used as a substrate for architecturally specified EIFS. For a copy of the limited warranty, visit our website at www.gpgypsum.com.

Standards and Code Compliance

DensGlass Sheathing is manufactured to meet ASTM C 1177. Application standards where applicable are in accordance with Gypsum Association Publication GA-253 for gypsum sheathing or ASTM C 1280.

Evaluated by:

- ICC-ES: www.icc-es.org/reports/index.cfm?search=search
- CCMC: www.nrc-cnrc.gc.ca
- N.Y. City MEA: www.nyc.gov/html/dob/html/codes_and_reference_materials/mea_resource.shtml
- Florida Product Approval: www.floridabuilding.org
- Miami Dade HVHZ: www.miamidade.gov/building/pc-search_app.asp

The data relating to fire- and sound-tested assemblies is based on the characteristics, properties and performance of materials and systems obtained under controlled test conditions as set forth under the appropriate ASTM standard, such as E 119 (fire), E 90 (sound) or E 12 (structural).

**For use in select assemblies*



Manufacturer

Georgia-Pacific Gypsum
133 Peachtree Street
Atlanta, GA 30303

Georgia-Pacific Canada
2180 Meadowdale Boulevard, Suite 200
Mississauga, ON L5N 5S3

Technical Service Hotline: 1-800-225-6119

Description

ToughRock® Fireguard X™ and ToughRock® Fireguard C® Gypsum Board have noncombustible (per ASTM E136 or CAN/ULC S114), dimensionally stable gypsum cores. The core has been reinforced with the addition of glass fibers, increasing its strength and its resistance to the passage of heat. The surfaces on both faces and on the long edges are 100% recycled paper. The front face paper is white; the back face paper is gray. The ends are square cut.

Georgia-Pacific ToughRock Gypsum Board products are GREENGUARD® and GREENGUARD Gold Certified for low emissions of volatile organic compounds (VOCs). They are listed in CHPS® High Performance Product Database as low emitting products.

Primary Uses

ToughRock Fireguard X and Fireguard C Gypsum Board are wall or ceiling covering materials for use in building construction. Both are designed for direct mechanical attachment to wood or metal framing for use in building assemblies with a designated fire-resistance rating.

A specially formulated gypsum core which includes glass fibers enables ToughRock Fireguard X and Fireguard C Gypsum Board to help protect framing members from the spread of fire. With joints covered, ToughRock Fireguard X and Fireguard C Gypsum Board will resist the passage of smoke.

ToughRock Fireguard X and Fireguard C Gypsum Board are manufactured with a paper surfacing designed to be receptive to joint treatment, joint, wall covering, or textured coatings.

Limitations

- ToughRock Fireguard X and Fireguard C Gypsum Board are nonstructural products and should not be used as a nailing base or to support heavy wall-mounted objects.
- They are intended for interior applications and must be kept dry and clean and not used where exposure to moisture is extreme or continuous.
- Do not use ToughRock Fireguard X and Fireguard C Gypsum Board where there is prolonged exposure to temperatures exceeding 125°F (52°C) and/or continuous exposure to extreme humidity, e.g., located adjacent to wood-burning stoves, heating appliances, electric lighting and hot air flows.

Applicable Standards

Manufactured to meet ASTM C1396 Section 5, CSA-A52.27-M; Federal SS-L-300, Type III, Grade X and SS-S-300.

Building Code Conformity

ToughRock Fireguard X and Fireguard C Gypsum Board conforms to the requirements of uniform IBC/IRC building codes for its intended use.

Sizes

	Fireguard X™	Fireguard C®	Fireguard C®
Thickness, nominal	5/8" (15.9 mm)	5/8" (15.9 mm)	1/2" (12.7 mm)
Width, nominal	48" (1220 mm)	48" (1220 mm)	48" (1220 mm)
Length, standard	8'-14'	8'-14'	8'-14'
	(2440-4270 mm)	(2440-4270 mm)	(2440-4270 mm)

Edges

Tapered, square, or tapered with rounded edges.

Supplemental Materials

Corner boards and trim, expansion joints, joint tape, joint compound.

Technical Data

Flame spread rating of 15 and smoke developed 0, when tested in accordance with ASTM E84. The core is noncombustible when tested in accordance with ASTM E136.

The 5/8" (15.9 mm) ToughRock Fireguard X is UL classified, Type X.

The 1/2" (12.7 mm) ToughRock Fireguard C is UL Type TC-C, and UL classified, Type C.

The 5/8" (15.9 mm) ToughRock Fireguard C is UL Type TC-C, and UL classified, Type C.

Fire Resistance Ratings

ToughRock Fireguard X and Fireguard C Gypsum Board meet the criteria for Type X special fire resistance, as defined in ASTM E1363. ToughRock Fireguard X and Fireguard C Gypsum Board are classified for fire rated assemblies by Underwriters Laboratories (UL).

Sound Control

ToughRock Fireguard X and Fireguard C Gypsum Board are acoustically designed. Sound Transmission Class (STC) values when used in properly designed construction. Sound rated assemblies require sealing at top, bottom, intermediate and other locations where sound leaks may develop.

Application Standards

ToughRock Fireguard X and Fireguard C Gypsum Board may be applied according to the Gypsum Association Publication GA-216 or ASTM C840 for non-fire rated construction.

For fire resistance rated construction application regarding fire protection, fastener type and spacing shall be consistent with the tested construction details for Type X Gypsum Board. These details are published in the Gypsum Association "Fire Resistance Design Manual GA-800," "UL Fire Resistance Directory," and "Intertek Testing Services/Warrick-Horsey Listings Directory."

Handling Precautions

Stack gypsum board flat on a level surface. As individual sheets are removed for installation, they should be raised up on edge carefully and carried in a vertical position. Appropriate handling is also outlined in Gypsum Association Publications GA-216 and GA-801.

Take care to avoid impact, undue flexing, and subsequent damage to board edges, ends, and corners. Avoid scuffing the face to be finished.

Handling and Use- Caution

This product may contain fiberglass which may cause skin irritation. Dust and fibers produced during the handling and installation of the product may cause skin, eye and respiratory tract irritation. Avoid breathing dust and minimize contact with skin and eyes. Wear long sleeve shirts, long pants and eye protection. Always maintain adequate ventilation. Use a dust mask or NIOSH/MSHA approved respirator as appropriate in dusty or poorly ventilated areas.

Material Safety Data Sheet

Material Safety Data Sheet (MSDS) is available upon request or online at www.buildgyp.com/safetyinfo.

Submittal Approvals

Job Name: _____
Contractor: _____
Date: _____

Board Decoration—Application Standards

ToughRock® Fireguard X™ and Fireguard C® Gypsum Board are designed to accept most types of paints, textures and wall covering materials. Georgia-Pacific Gypsum strongly recommends priming the surface with a full-bodied, quality latex primer before applying a final decorative material. Priming will equalize the suction variation between the joint compounds and the paper surface. If glossy paints are used in such areas as kitchens or bathrooms, skim coat joint compound over the entire surface to reduce highlighting or joint photographing. This method is also recommended in areas with severe natural or artificial side lighting.

Georgia-Pacific Gypsum recommends application of a sealer prior to applying wallpaper or other wall covering to the board so that the board surface will not be damaged if the covering is subsequently removed during redecorating. Joint treatment must be thoroughly dry before proceeding with primer application and final decoration. Refer to Gypsum Association Publications GA-216 and GA-216 for joint treatment and finishing recommendations.

Physical Properties

Properties	1/2" ToughRock® Fireguard X™	5/8" ToughRock® Fireguard C®	1/2" ToughRock® Fireguard C®
Thickness, nominal inches	5/8" (15.9 mm) ± 1/64" (0.4 mm)	5/8" (15.9 mm) ± 1/64" (0.4 mm)	1/2" (12.7 mm) ± 1/64" (0.4 mm)
Width, nominal	4' (1220 mm), 54" (1377 mm), 60" (1524 mm) ± 3/32" (2.4 mm)	4' (1220 mm) ± 3/32" (2.4 mm)	4' (1220 mm) ± 3/32" (2.4 mm)
Length, Standard	8' (2440 mm) to 14' (4270 mm), ± 1/4" (6.4 mm)	8' (2440 mm) to 14' (4270 mm), ± 1/4" (6.4 mm)	8' (2440 mm) to 14' (4270 mm), ± 1/4" (6.4 mm)
Weight, lbs./sq. ft., nominal (kg/m²)	2.2 (10.7)	2.3 (11.2)	2.0 (9.6)
Edges	Tapered, square or tapered with rounded edges	Tapered, square or tapered with rounded edges	Tapered, square or tapered with rounded edges
Flexural Strength ¹ , spacing, mm Parallel, lbf. (N) Perpendicular, lbf. (N)	≥ 40 (205) ≥ 147 (654)	≥ 45 (205) ≥ 147 (654)	≥ 35 (158) ≥ 102 (457)
R Value, R ² × °F × in. / (k × W)	0.56 est. (0.10)	0.58 est. (0.10)	0.48 est. (0.08)
Nail Pull Resistance ² , minimum, lbf. (N)	≥ 32 (387)	≥ 117 (380)	≥ 77 (343)
Hardness ³ , lbf. (N) (core, edges and ends)	≥ 15 (67)	≥ 15 (67)	≥ 15 (67)
Unfinished Deflection ³ , max	5/8" (15 mm)	5/8" (15 mm)	11/8" (32 mm)
Packaging	Two pieces per bundle, face-to-face and end taped	Two pieces per bundle, face-to-face and end taped	Two pieces per bundle, face-to-face and end taped
Surface Burning Characteristics ⁴ (per ASTM E84)			
Flame Spread	15	15	15
Smoke Developed	0	0	0
(Core is noncombustible when tested in accordance with ASTM E138.)			

¹ Represents approximate weight for design and shipping purposes. Actual weight may vary depending on manufacturing location and other factors.

² Specified minimum values are as defined in ASTM E1388.

³ Products qualify for NFPA Class A or IBC Class 1.



U.S.A. Georgia-Pacific Gypsum LLC
Georgia-Pacific Gypsum LLC
Canada Georgia-Pacific Canada LP

SALES INFORMATION AND ORDER PLACEMENT
U.S.A. West 1-800-824-7503
Midwest 1-800-876-4765
South Central 1-800-231-5860
Southeast 1-800-327-2344
Northeast 1-800-947-4497

CANADA Canada toll free 1-800-397-6823
Quebec toll free 1-800-391-0465

TECHNICAL INFORMATION

U.S.A. and Canada 1-800-225-6119, www.gpgypsum.com

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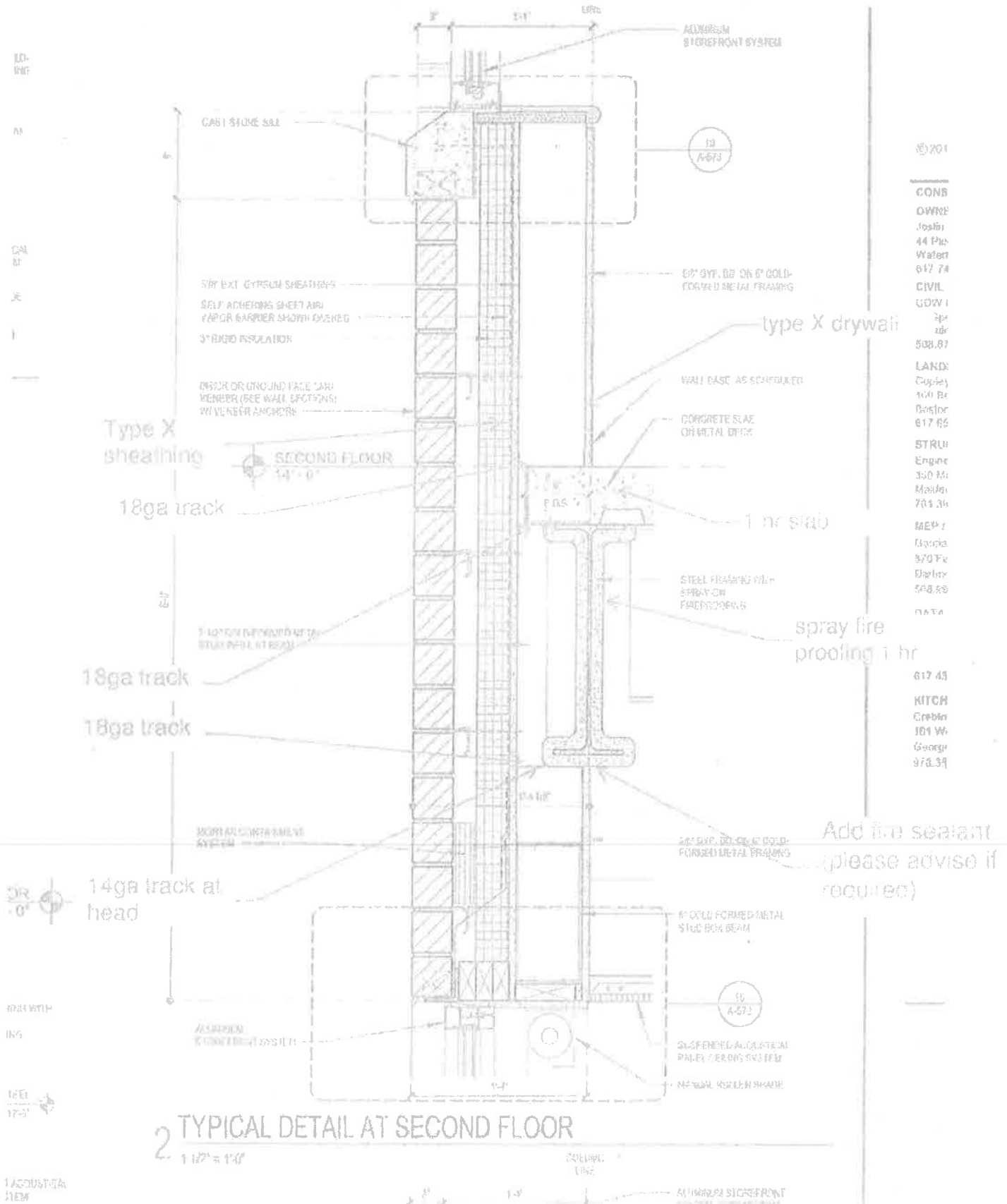
WARRANTIES, REMEDIES AND TERMS OF SALE For current warranty information for this product, please go to www.gpgypsum.com and select the product for warranty information. All sales of this product by Georgia-Pacific are subject to our Terms of Sale available at www.gpgypsum.com.

UPDATES AND CURRENT INFORMATION The information in this document may change without notice. Visit our website at www.gpgypsum.com for updates and current information.

CAUTION For product fire, safety and use information, go to www.buildgyp.com/safetyinfo or call 1-800-225-6119.

FIRE SAFETY CAUTION Passing a fire test is a controlled laboratory setting and/or certification of labeling a product as having a one-hour, two-hour, or any other fire resistance or protection rating and, therefore, as acceptable for use in certain fire rated assemblies/systems, does not mean that either a particular assembly/system incorporating the product, or any given piece of the product itself, will necessarily provide one hour fire resistance, two-hour fire resistance, or any other specified fire resistance or protection in an actual fire. In the event of an actual fire, you should immediately take any and all actions necessary for your safety and the safety of others without regard for any fire rating of any product or assembly/system.

2/A-510





Design and Construction

Change Request CR073

To: William Cuniff
Joslin Lesser & Assoc
44 Pleasant Street
Watertown, MA 02472

Date: April 13, 2016
Project #: 131411
Project: MSBA - Haverhill Caleb Dustin MS

Description: Added Soffit for Folding Glass Partition Support Concealment per RFI #263R1

Item Description	Amount
Added Soffit for Folding Glass Partition Support Concealment per RFI #263R1	\$2,172
Fee	\$87
GL Insurance	\$17
Builder's Risk	\$4
Bond	\$17
Total:	\$2,297

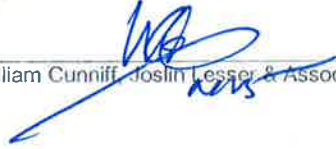
Type: Lump sum proposal
Schedule Impact: This change will add 0 day(s) to the contract completion date.
Overtime: Project OT Not Required
Notes:

By:  Katy Lillich, JCJ Architecture, Inc.

Date: 4.19.16

By:  Joseph Pollock, Shawmut Design & Construction

Date: 4/13/16

By:  William Cuniff, Joslin Lesser & Assoc

Date: 4/19/16

CONSTRUCTION MANAGER CHANGE ORDER SUMMARY SHEET

PROJECT#: 131411 - Hunking School
CR#: 073R

DESCRIPTION: Added Soffit for Folding Glass Partition Support Concealment per RFI #263R1

DATE: 04/13/16

REFERENCE RFI #263R1

CONSTRUCTION MANAGER: Shawmut Design and Construction

SECTION I - SUBCONTRACTORS		Direct Costs	Non-Direct Costs	Total Costs
Angelini Plastering, Inc.		\$ 1,740.00	\$ 432.00	\$ 2,172
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTALS		\$ 1,740.00	\$ 432.00	\$ 2,172.00

SECTION II - CM MARK-UPS			Total Costs
Subcontract Direct Costs		\$ 1,740.00	
CM Fee on Direct Costs Only	5.00%	\$ 87.00	
Subcontract Non-Direct Costs		\$ 432.00	
			\$ 2,259
General Liability Insurance	0.76%	\$ 17.00	
Builder's Risk	0.18%	\$ 4.00	
			\$ 2,280
Payment and Performance Bond	0.75%	\$ 17.00	
TOTAL CHANGE ORDER AMOUNT:			\$ 2,297

SUBCONTRACTOR CHANGE REQUEST

Caleb Dustin Hunking School		PROJ. NO.	131411	C.M.	Shawmut Design & Construction
SDC PCI NUMBER:	RFI-263	PCI DESC.	added soffits per SK030 to cover steel glass support.		
DATE:	3/14/2016				
FIRM SUBMITTING CHANGE REQUEST:					
Angelini Plastering Inc					

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	Hourly Labor Rate (Base + Fringe); (Item I from Rate Approval Pricing Form OR Total Rate from PREVAILING WAGE RATE TABLE)	Total Labor Cost (Wages + Fringe only)	Base Wage Rate for Ins/Taxes (Item D from Rate Approval Pricing Form, or Base Rate from PREVAILING WAGE RATE TABLE)	Total Labor Cost (Wages + Fringe only)
Carpenter	Foreman-MacLean	1.00	\$ 76.86	\$ 76.86	\$ 48.92	\$ 76.86
Carpenter	Journeyman-API	16.00	\$ 71.86	\$ 1,149.76	\$ 43.92	\$ 1,149.76
Taper	Foreman-Strout	0.00	\$ 72.37	\$ -	\$ 44.95	\$ -
Taper	Journeyman-API		\$ 69.87	\$ -	\$ 42.45	\$ -
Laborer	Foreman-Delaney	1.00	\$ 57.25	\$ 57.25	\$ 35.35	\$ 57.25
			Total Base Wages	\$ 786.99		
			TOTAL BASE and FRINGE DIRECT LABOR COSTS			\$ 1,283.87

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
metal truck	263.00	LF	\$0.35	\$ 92.05
metal studs	324.00	LF	\$0.35	\$ 113.40
type X drywall	394.00	SQFT	\$0.30	\$ 118.20
fasteners	380.00	Pcs	\$ 0.05	\$ 19.00
blocking	65.00	Lf	\$ 1.75	\$ 113.75
TOTAL MATERIALS COST:				\$ 456.40

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL EQUIPMENT COST:				\$ -

G:\Caleb Dustin Hunking\Lump Sum Pricing Formats & Log\Subcontractor Change Request Form

SDC PCI NUMBER: RFI-263
DATE: 3/14/2016

PCI DESC: added soffits per SK030 to cover steel glass support.

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 1,740.27

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

10.00%

\$ 174.03

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above \$ 786.99
Insurance & Taxes Rate (30%, or as approved on "RATE APPROVAL PRICING FORM") 30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR \$ 236.10

8.

TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7): \$ 2,150.39

9.

TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

10.

** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 or attached Sub-Sub Form)

11.

TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10): \$ 2,150.39

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11.

1.00% x ITEM 11:

\$ 21.50

13.

TOTAL CHANGE PROPOSAL AMOUNT, including bond cost \$ 2,172.09

Additional Notes:

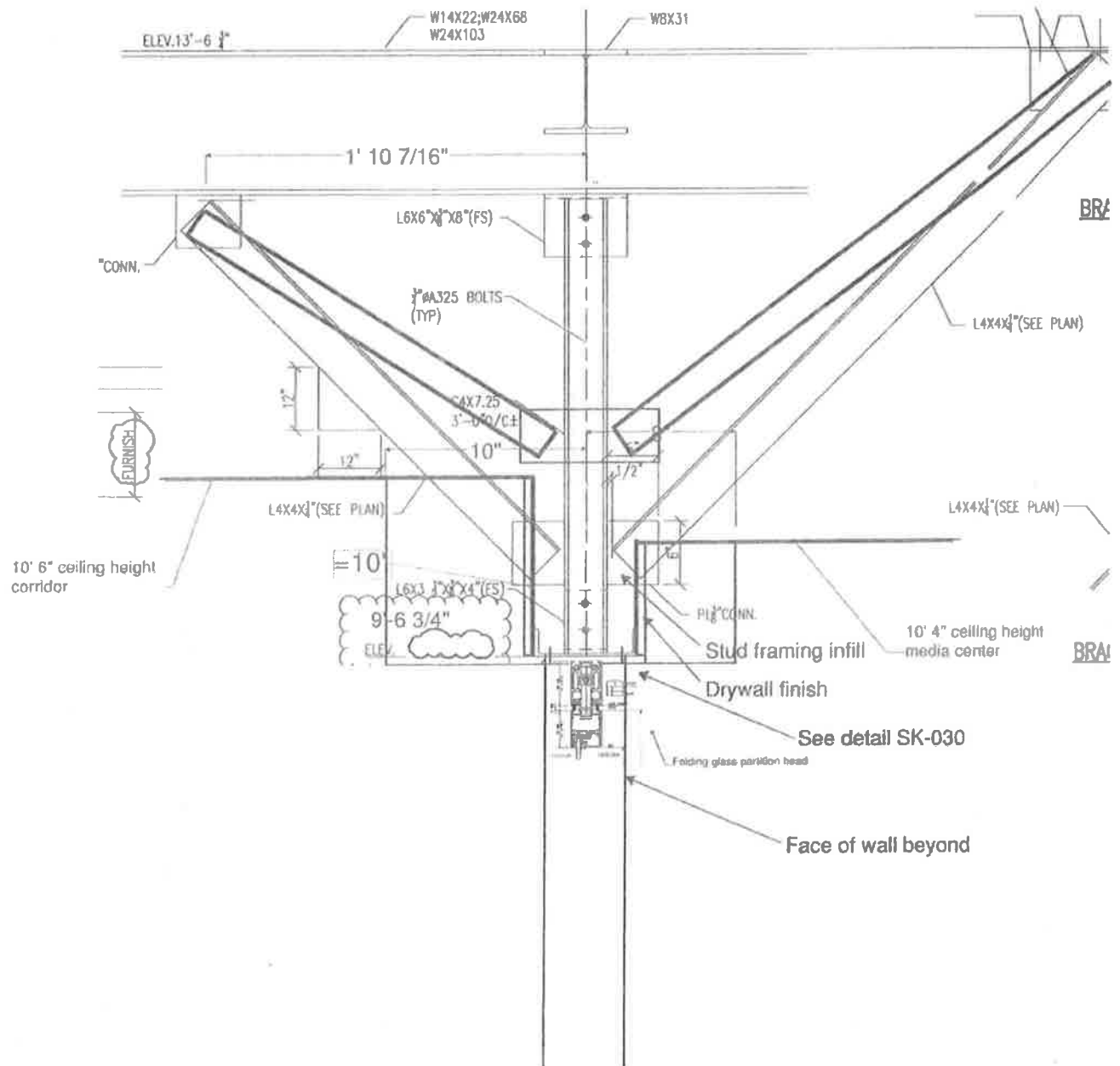
Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.
** By Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.

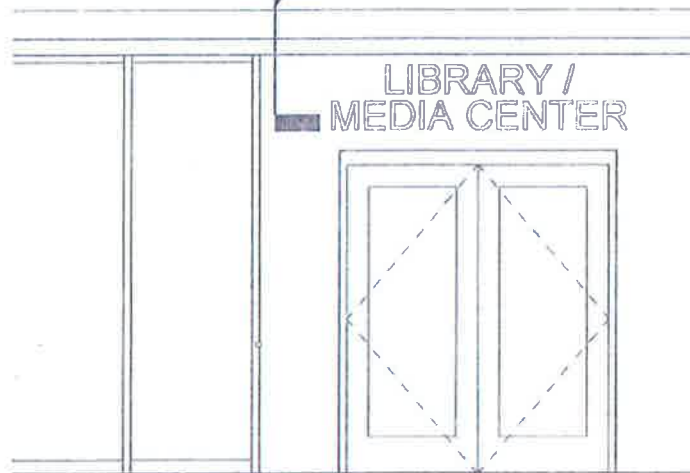


Request for Information RFI263

Project # 131411
MSBA - Haverhill Caleb Dustin MS

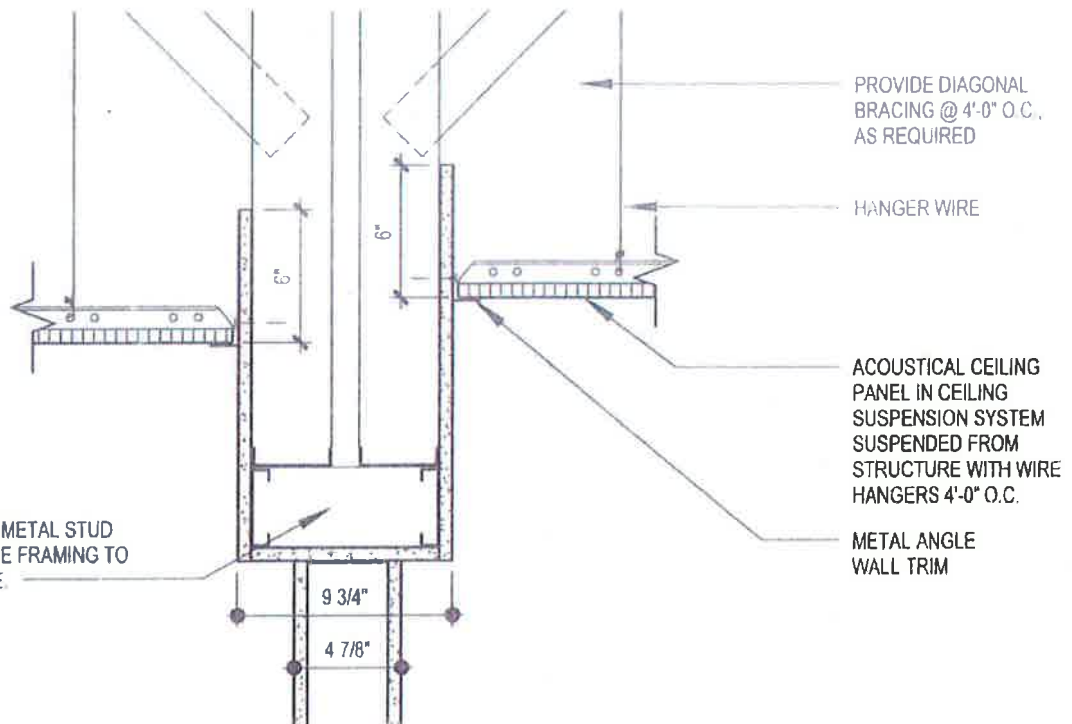
RFI #: RFI263		Date Created: January 12, 2016	
To: Katy Lillich JCJ Architecture, Inc. 1 State Street Boston MA, 02109		From: Andrew LaRosa Shawmut Design & Construction 560 Harrison Avenue Boston MA, 02118	
Subject Folding Glass Partition Support Concealment		Source	
Cost Impact Potentially	Amount \$TBD	Schedule Impact Potentially	Days TBD
Question Please see the attached marked up shop drawing for the folding glass partition support. Currently the top of the head for the folding glass partition (at the media center) will be installed at 9'-6". The angles for the glass partition supports will be exposed, a soffit will need to be constructed to cover up these support angles per the attached sketch (soffit is shown in blue). Please confirm this is acceptable.		Date Required: January 19, 2016	
Suggestion			
Answer Kickers should be shifted up to connect above 10'-6". Structural has agreed to this modification - please resubmit shop drawings for this change. See SK-030 for soffit detail KKL 01/28/16		Date Answered:	
Cc: Company Name		Contact Name	





2 MEDIA CENTER ENTRY

1/4" = 1'-0"



1 MEDIA CENTER SOFFIT

1 1/2" = 1'-0"

JCJARCHITECTURE

38 PROSPECT STREET
HARTFORD, CT 06103
860.247.9226

© 2013 JCJ Architecture

RFI 263

CALEB DUSTIN HUNKING SCHOOL

DRAWING REFERENCE:

DATE: 01/28/16

PROJECT: B13020.01

DRAWN: KKL

SCALE: As Indicated

SK-030



Change Request CR074

To: William Cunniff
Joslin Lesser & Assoc
44 Pleasant Street
Watertown, MA 02472

Date: April 12, 2016
Project #: 131411
Project: MSBA - Haverhill Caleb Dustin MS

Description: Relocate Ductwork per CCD-07

Item Description	Amount
Relocate Ductwork per CCD-07	\$3,997
Fee	\$178
GL Insurance	\$32
Builder's Risk	\$8
Bond	\$32
Total:	\$4,247

Type: Lump sum proposal
Schedule Impact: This change will add 0 day(s) to the contract completion date.
Overtime: Project OT Not Required
Notes:

By: Katy Lillich, JCJ Architecture, Inc.

Date: 4.19.16

By: Joseph Pollock, Shawmut Design & Construction

Date: 4/12/16

By: William Cunniff, Joslin Lesser & Assoc

Date: 4/19/16

CONSTRUCTION MANAGER CHANGE ORDER SUMMARY SHEET

PROJECT#: 131411 - Hunking School
CR#: 074

DESCRIPTION: Relocate Ductwork per CCD-07

DATE: 04/12/16
REFERENCE: CCD-07
CONSTRUCTION MANAGER: Shawmut Design and Construction

SECTION I - SUBCONTRACTORS	Direct Costs	Non-Direct Costs	Total Costs
N.B. Kenney Co, Inc.	\$ 3,559.15	\$ 437.85	\$ 3,997
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
TOTALS	\$ 3,559.15	\$ 437.85	\$ 3,997.00

SECTION II - CM MARK-UPS			Total Costs
Subcontract Direct Costs		\$ 3,559.15	
CM Fee on Direct Costs Only	5.00%	\$ 178.00	
Subcontract Non-Direct Costs		\$ 437.85	
			\$ 4,175
General Liability Insurance	0.76%	\$ 32.00	
Builder's Risk	0.18%	\$ 8.00	
			\$ 4,215
Payment and Performance Bond	0.75%	\$ 32.00	
TOTAL CHANGE ORDER AMOUNT:			\$ 4,247

CR074

N. B. Kenney Co., Inc.**PROPOSED CHANGE ORDER****No. 00011**68 Barnum Road
Devens, MA 01434Phone: 978-849-5200
Fnx: 978-849-5299**TITLE:** RFI-221: Elec. Room Duct**DATE:** 1/19/2016**PROJECT:** Hunking School**JOB:** 15014**TO:** Attn: Robert Joubert
Shawmut Design and Construction
560 Harrison Avenue
Boston, MA 02218**CONTRACT NO:** 1**RE:****To:****From:****Number:****DESCRIPTION OF PROPOSAL**

This PCO represents the cost to relocate ductwork located in Electrical Room C-138A due to ceiling clearance requirements per RFI-221. Includes sheetmetal and supervision.

Item	Description	Stock#	Quantity	Units	Unit Price	Tax Rate	Tax Amount	Net Amount
00001	Change order Request Form		1,000		\$3,997.00	0.00%	\$0.00	\$3,997.00

Unit Cost: \$3,997.00**Unit Tax:** \$0.00**Total:** \$3,997.00**APPROVAL:****By:** _____

Robert Joubert

By: _____

Brian Gentile

Date: _____**Date:** _____

PROJECT#:	131411 - Hunking School
CR#:	074
DESCRIPTION:	Relocate Ductwork per CCD-07
DATE:	04/12/16
REFERENCE	CCD-07
CONSTRUCTION MANAGER:	Shawmut Design and Construction

SECTION II - CM MARK-UPS			Total Costs	
Subcontract Direct Costs		\$	3,559.15	
CM Fee on Direct Costs Only	5.00%	\$	178.00	
Subcontract Non-Direct Costs		\$	437.85	
				\$ 4,175
General Liability Insurance	0.76%	\$	32.00	
Builder's Risk	0.18%	\$	8.00	
				\$ 4,215
Payment and Performance Bond	0.75%	\$	32.00	
TOTAL CHANGE ORDER AMOUNT:			\$	4,247

SUBCONTRACTOR CHANGE REQUEST

Lower-tier Subs. Use SUB-SUBCONTRACTOR Form. NOT this form.

Catch Dustin Hunking School	PROJ. NO. 131411	C.M. Shawmut Design & Construction
SDC PCI NUMBER: 14072846	PCI DESC. REF. 227-CT30A SECS. 21 & 222 RECORDS/POSTHOLE DIES IN ASSE. CUB. YD. & 2nd floor	
DATE: 1/4/97		
FIRM SUBMITTING CHANGE REQUEST: N.E. Kemper Company, Inc.		

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only the following Wage Rates for Crane-Approved Wages and Rates
If any work is performed by a lower tier unit, labor rates must be approved by the Owner prior to exceeding any elements and those costs reflected on a Sub-Subcontractor Change Request Form

[illegible]

2. MATERIALS, SUBCONTRACTOR:

For extensive material, visit www.pearsoned.com and enter a keyword below.

Material Description	Qty	Unit	Cost Per Unit	Total
			\$	\$
			\$	\$
			\$	\$
			\$	\$
			\$	\$
			\$	\$
			\$	\$
			\$	\$
TOTAL MATERIALS CONT:			\$	\$

4. EQUIPMENT: SUBCONTRACTOR:

[illegible][illegible]

SDC PCI NUMBER: DATE:

PCI DESC:

FIRM SUBMITTING CHANGE REQUEST:

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
Excel HVAC	\$ 3,426.75
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ 3,426.75

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4) \$ 3,559.15

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5) \$ 355.92

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above: \$ 83.50

Insurance & Taxes Rate (10%, or as approved on "RATE APPROVAL PRICING FORM") 30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR \$ 25.05

8. TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7): \$ 3,940.12

9. TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

10. ** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form):

11. TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10): \$ 3,940.12

12. SUBCONTRACTOR BOND \$ 50.74

Approved bond premium percentage x item 11: 1.31% ITEM 11:

13. TOTAL CHANGE PROPOSAL AMOUNT, including bond cost: \$ 3,997.00

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.

** By Contract, the maximum appropriate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.

Excel HVAC, Inc.

61 Glenn Street
Lawrence, MA 01843

Tel: (978) 988-7686

Fax: (978) 988-7685

Email: timjr@excehvacinc.com

January 4, 2016

Ms. Lindsey Michelin
NB Kenney Co., Inc.
68 Barnum Rd
Devens, MA 01434

Re: Excel HVAC PCO # 7 (Excel Job # 2016007)
Caleb Hunking Middle School RFI 221-C138A SKM 21 & 22

Dear Lindsey,

Please accept the attached Change Order Request Form for additional work at the Caleb Hunking Middle School – Haverhill, MA.

The additional work is per RFI 221-C138A for the amount of \$3,426.75

The scope of work includes the following:

- All work to be performed during regular business hours.
- Relocate/reroute 48 x 16 and 34 x 12 ductwork slightly above column line H and down to F.
- All ductwork shall be constructed of galvanized steel. (Unlined).
- Provide coordination.
- Work is located in Area C on 1st and 2nd Floors.

Exclusions for RFI 155 R1 are as follows:

- Premium time.
- Cutting and patching.

Please feel free to contact me with any questions or concerns.

Sincerely,

Timothy Sughrue, Jr.
Senior Estimator
Excel HVAC, Inc.

SUB-SUBCONTRACTOR CHANGE REQUEST

First-Tier Subs, Use Subcontractor
Pricing Form, NOT this form

Project Name: Caleb Dustin Hunklog School	PROJ. NO. 131411	C.M. Shawmut Design & Construction
PCO NUMBER: 7	PCO DESC: RELOCATE CHINA SKIM-21 & SKIM-22: Relocate/reroute 46x16 & 34x12 ductwork located above Column Line H and down to F. All ductwork to be galvanized steel. Work located in Area C on 1st & 2nd Floors, Provide Coordination.	
DATE: 1/10/2016		
FIRM SUBMITTING CHANGE ORDER: Excel HVAC, Inc.	SUB TO: ND Kenney Company, Inc.	

1. DIRECT LABOR: SUB-SUBCONTRACTOR:Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
All Labor Rates must be approved by the Owner prior to issuance of change orders

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "Rate Approval Pricing Form", after its approval by the CM and Owner, or the Prevailing Wage Table in the specifications.			Total Labor Cost (Wages + Fringe only)
			Hourly Labor Rate (Base + Fringe) (Item I from Wage Approval Sheet, or Base Rate from PREVAILING WAGE RATE TABLE)	Total Labor Cost (Wages + Fringe only)	Base Wage Rate for Ins/Taxes (Item D from Wage Approval Sheet, or Base Rate from PREVAILING WAGE RATE TABLE)	
Sheet Metal - Field Labor	Foreman	8.00	\$ 84.19	\$ 673.52	\$ 46.31	\$ 673.52
Sheet Metal - Field Labor	Journeyman	8.00	\$ 81.19	\$ 649.52	\$ 43.31	\$ 649.52
Sheet Metal - Shop Labor	Foreman	4.00	\$ 84.19	\$ 336.76	\$ 46.31	\$ 336.76
Sheet Metal - Shop Labor	Journeyman	4.00	\$ 81.19	\$ 324.76	\$ 43.31	\$ 324.76
Sheet Metal - Coordination	Foreman	8.00	\$ 84.19	\$ 673.52	\$ 46.31	\$ 673.52
				Total Base Wages	\$ 1,445.92	
TOTAL BASE LABOR COSTS (Wages + Fringe only)						\$ 2,658.08

2. MATERIALS: SUB-SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
Shop Materials	1.00		\$334.89	\$ 334.89
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
TOTAL MATERIALS COST:				\$ 334.89

3. EQUIPMENT: SUB-SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
TOTAL EQUIPMENT COST:				\$ -

4. LUMP SUM SERVICES PROVIDED TO SUB-SUBCONTRACTOR (Not Typical, Contact GC for direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 2,992.97

6. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above	\$ 1,445.92
Insurance & Taxes Rate (10%, or as approved on "RATE APPROVAL PRICING FORM")	30.00%
TOTAL COST INSURANCE AND TAXES ON LABOR	\$ 433.78

7.

TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR: \$ 3,426.75

Additional Notes:

--

All change proposals must include a cover letter on company letterhead identifying the PCO number, a description of the scope of work and the total cost of the proposed change order. **
NOTE: Total allowable markup of Direct Costs, per Contract, is 10%, and will be identified on the First-Tier Subcontractor's Change Request Form. **

GARCIA • GALUSKA • DESOUSA
Consulting Engineers Inc

REQUEST FOR INFORMATION - RFI

M#60093
J#745 002 00.00

DATE: December 10, 2015
TO: Katy Lillich, RA, MCPPO
JCJ Architecture, Inc.
FROM: Jose M. Carreiro Robert Ryan
DEPT: Electrical
PROJECT: Caleb Dustin Hunking School
Haverhill, MA
SUBJECT: RFI #221- C138A Ceiling Clearance Requirements

RFI #221

Electrical code calls for a 6' clearance above the top of electrical panels to any kind of piping or duct within that room. There is a duct drop located within room C138A which cannot be relocated to another room. This duct is within the required 6' clearance above the top of the electrical panel. Code would allow this if a structural ceiling is built within this room. Please advise if it is acceptable to build a gypsum board ceiling within this room at an elevation of 8'-4".

Response:

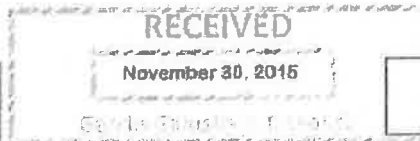
Relocate duct east of column 22. Refer to HVAC SKM-21 and SKM-22. Electric code does not allow installation of a ceiling to cover a duct.

JMC,RR:map

Enc.

Cc: Daniel F.B. Ruiz, MCPPO, JCJ Architecture
Louis Vieira, Garcia, Galuska & DeSousa, Inc.

12/10/15 -KRL



Request for Information RFI221

Project # 131411
MSBA - Haverhill Cabot Dustin MS

RFI #: RFI221

Date Created: November 30, 2015

To:
Katy Lillich
JCJ Architecture, Inc.
1 State Street
Boston MA, 02109

From:
Andrew LaRosa
Shawmut Design & Construction
580 Harrison Avenue
Boston MA, 02118

Subject
C138A Ceiling Clearance Requirements

Source

Cost Impact
Potentially

Amount
\$TBD

Schedule Impact
Potentially

Days
TBD

Question

Date Required: December 07, 2015

Electrical code calls for a 6' clearance above the top of electrical panels to any kind of piping or duct located within that room. There is a duct drop located within room C138A which cannot be relocated to another room. This duct is within the required 6' clearance above the top of the electrical panel. Code would allow this if a structural ceiling is built within this room. Please advise if it is acceptable to build a gypsum board ceiling within this room at an elevation of 8'-4".

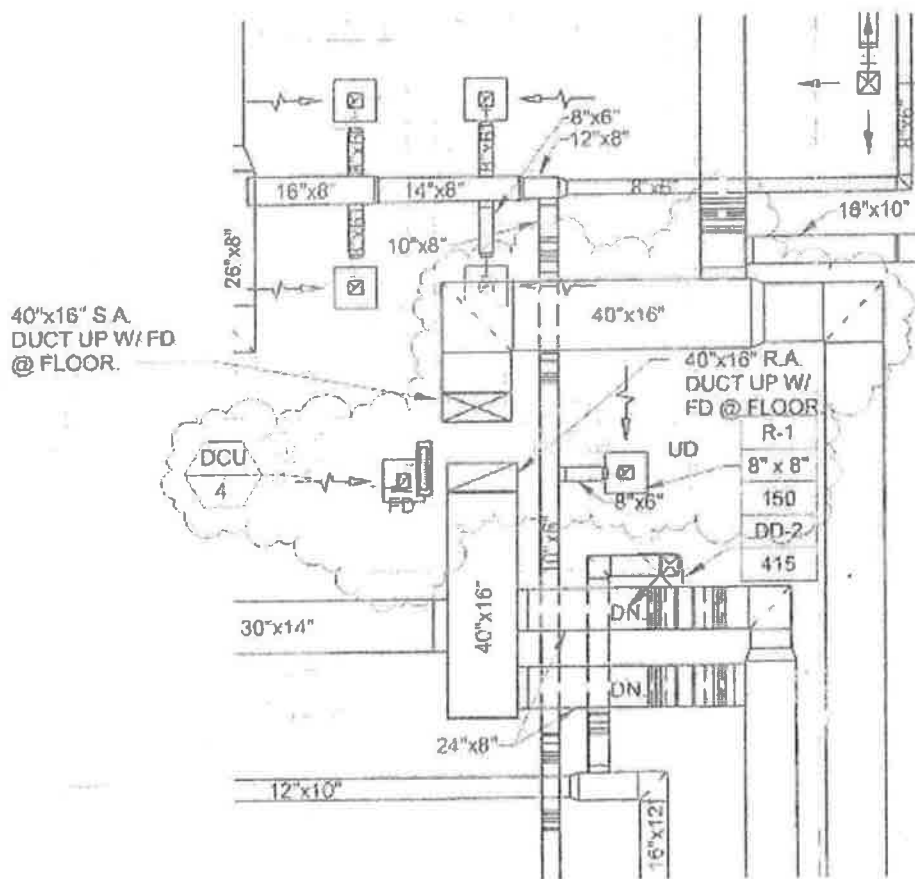
Suggestion

Answer

Date Answered:

Cc: Company Name

Contact Name



JCJ ARCHITECTURE

38 PROSPECT STREET
HARTFORD, CT 06103
860.244.3228

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**HVAC - FIRST FLOOR PART C DUCT
REVISION**

CALEB DUSTIN HUNKING SCHOOL

DRAWING REFERENCE:

DATE: 12/10/15

PROJECT: B13020.01

DRAWN: RR

SCALE: 1/8" = 1'-0"

SKM-21

GARCIA • GALUSKA • DESOUSA
Consulting Engineers Inc.

REQUEST FOR INFORMATION - RFI

M#50093
J#745 002 00.00

DATE: December 10, 2015
TO: Katy Lillich, RA, MCPPO
JCJ Architecture, Inc.
FROM: José M. Carreiro Robert Ryan
DEPT: Electrical
PROJECT: Caleb Dustin Hunking School
Haverhill, MA
SUBJECT: RFI #221- C138A Ceiling Clearance Requirements

RFI #221

Electrical code calls for a 6' clearance above the top of electrical panels to any kind of piping or duct within that room. There is a duct drop located within room C138A which cannot be relocated to another room. This duct is within the required 6' clearance above the top of the electrical panel. Code would allow this if a structural ceiling is built within this room. Please advise if it is acceptable to build a gypsum board ceiling within this room at an elevation of 8'-4".

Response:

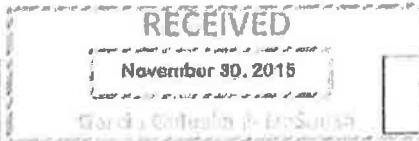
Relocate duct east of column 22. Refer to HVAC SKM-21 and SKM-22. Electric code does not allow installation of a ceiling to cover a duct.

JMC,RR:map

Enc.

Cc: Daniel F.B. Ruiz, MCPPO, JCJ Architecture
Luis Vieira, Garcia, Galuska & DeSousa, Inc.

12/17/15 GKL



Request for Information RFI221

Project # 131411
MSBA - Haverhill Caleb Dustin MS

RFI#: RFI221 **Date Created: November 30, 2015**

To:
Katy Lillich
JCJ Architecture, Inc.
1 State Street
Boston MA, 02109

From:
Andrew LaRosa
Shawmut Design & Construction
560 Harrison Avenue
Boston MA, 02118

Subject
C138A Ceiling Clearance Requirements

Source

Cost Impact **Amount**
Potentially \$TBD

Schedule Impact **Days**
Potentially TBD

Question

Date Required: December 07, 2016

Electrical code calls for a 6' clearance above the top of electrical panels to any kind of piping or duct located within that room. There is a duct drop located within room C138A which cannot be relocated to another room. This duct is within the required 6' clearance above the top of the electrical panel. Code would allow this if a structural ceiling is built within this room. Please advise if it is acceptable to build a gypsum board ceiling within this room at an elevation of 8'-4".

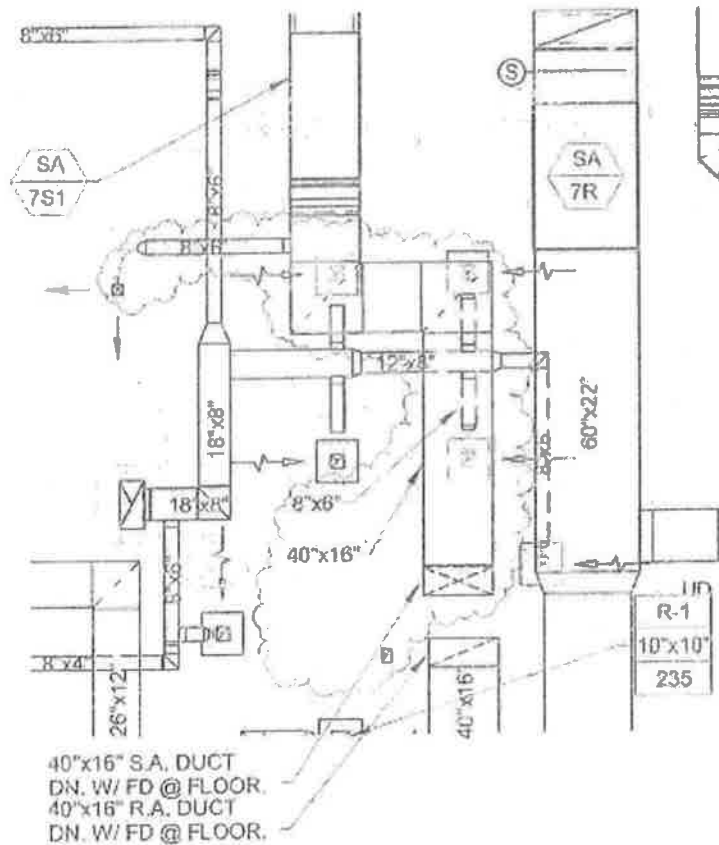
Suggestion

Answer

Date Answered:

Cc: Company Name

Contact Name



JCJ ARCHITECTURE

10 PRAXIPRO STREET
HARTFORD, CT 06103
603.247.0220

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HVAC - SECOND FLOOR PART C DUCT
REVISION

CALEB DUSTIN HUNKING SCHOOL

DRAWING REFERENCE:

DATE: 12/10/15

PROJECT: B13020.01

DRAWN: RR

SCALE: 1/8" = 1'-0"

SKM-22

AIA® Document G714™ – 2007

Construction Change Directive

PROJECT: *(Name and address)*
Caleb Dustin Hunking School
98 Winchester Street
Haverhill, MA 01835

TO CONTRACTOR: *(Name and address)*
Shawmut Design & Construction
560 Harrison Avenue
Boston, MA 02118

DIRECTIVE NUMBER: 007
DATE: December 30, 2015
CONTRACT FOR: General Construction

CONTRACT DATED: May 14, 2013
ARCHITECT'S PROJECT NUMBER:
B130200.00

OWNER: ☐

ARCHITECT: ☐

CONSULTANT: ☐

CONTRACTOR: ☐

FIELD: ☐

OTHER: ☐

You are hereby directed to make the following change(s) in this Contract:
(Describe briefly any proposed changes or list any attached information in the alternative)

Move ductwork per response to RFI 221 and SK-025, attached.

PROPOSED ADJUSTMENTS

1. The proposed basis of adjustment to the Contract Sum or Guaranteed Maximum Price is:

☐ • Lump Sum decrease of \$0.00

☐ • Unit Price of \$ per

☒ • As provided in Section 7.3.3 of AIA Document A201-2007

☐ • As follows:

2. The Contract Time is proposed to (remain unchanged). The proposed adjustment, if any, is 0 days.

When signed by the Owner and Architect and received by the Contractor, this document becomes effective IMMEDIATELY as a Construction Change Directive (CCD), and the Contractor shall proceed with the change(s) described above.

Contractor signature indicates agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this CCD.

JCJ Architecture
ARCHITECT *(Firm name)*
One State Street, Suite 900
Boston, MA 02109
ADDRESS


BY *(Signature)*

Katy Lillich
(Typed name)

DATE

City of Haverhill
OWNER *(Firm name)*
Four Summer Street, Room 100
Haverhill, MA 01830
ADDRESS

BY *(Signature)*

(Typed name)

DATE

Shawmut Design & Construction
CONTRACTOR *(Firm name)*
560 Harrison Avenue
Boston, MA 02118
ADDRESS

BY *(Signature)*

(Typed name)

DATE

GARCIA • GALUSKA • DESOUSA
Consulting Engineers Inc.

REQUEST FOR INFORMATION - RFI

M#50093
J#745 002 00.00

DATE: December 10, 2015

TO: Katy Lillich, RA, MCPPO
JCJ Architecture, Inc.

FROM: Jose M. Carreiro

Robert Ryan



DEPT: Electrical

PROJECT: Caleb Dustin Hunking School
Haverhill, MA

SUBJECT: RFI #221- C138A Ceiling Clearance Requirements

RFI #221

Electrical code calls for a 6' clearance above the top of electrical panels to any kind of piping or duct within that room. There is a duct drop located within room C138A which cannot be relocated to another room. This duct is within the required 6' clearance above the top of the electrical panel. Code would allow this if a structural ceiling is built within this room. Please advise if it is acceptable to build a gypsum board ceiling within this room at an elevation of 8'-4".

Response:

Relocate duct east of column 22. Refer to HVAC SKM-21 and SKM-22. Electric code does not allow installation of a ceiling to cover a duct.

JMC,RR:map

Enc.

Cc: Daniel F.B. Ruiz, MCPPO, JCJ Architecture
Louis Vieira, Garcia, Galuska & DeSousa, Inc.

12/11/15 KKL



Request for Information RFI221

Project # 131411
MSBA - Haverhill Caleb Dustin MS

RFI #: RFI221 Date Created: November 30, 2015

To: Katy Lillich JCJ Architecture, Inc. 1 State Street Boston MA, 02109	From: Andrew LaRosa Shawmut Design & Construction 560 Harrison Avenue Boston MA, 02118
--	---

Subject C138A Ceiling Clearance Requirements	Source
--	---------------

Cost Impact Potentially	Amount \$TBD	Schedule Impact Potentially	Days TBD
-----------------------------------	------------------------	---------------------------------------	--------------------

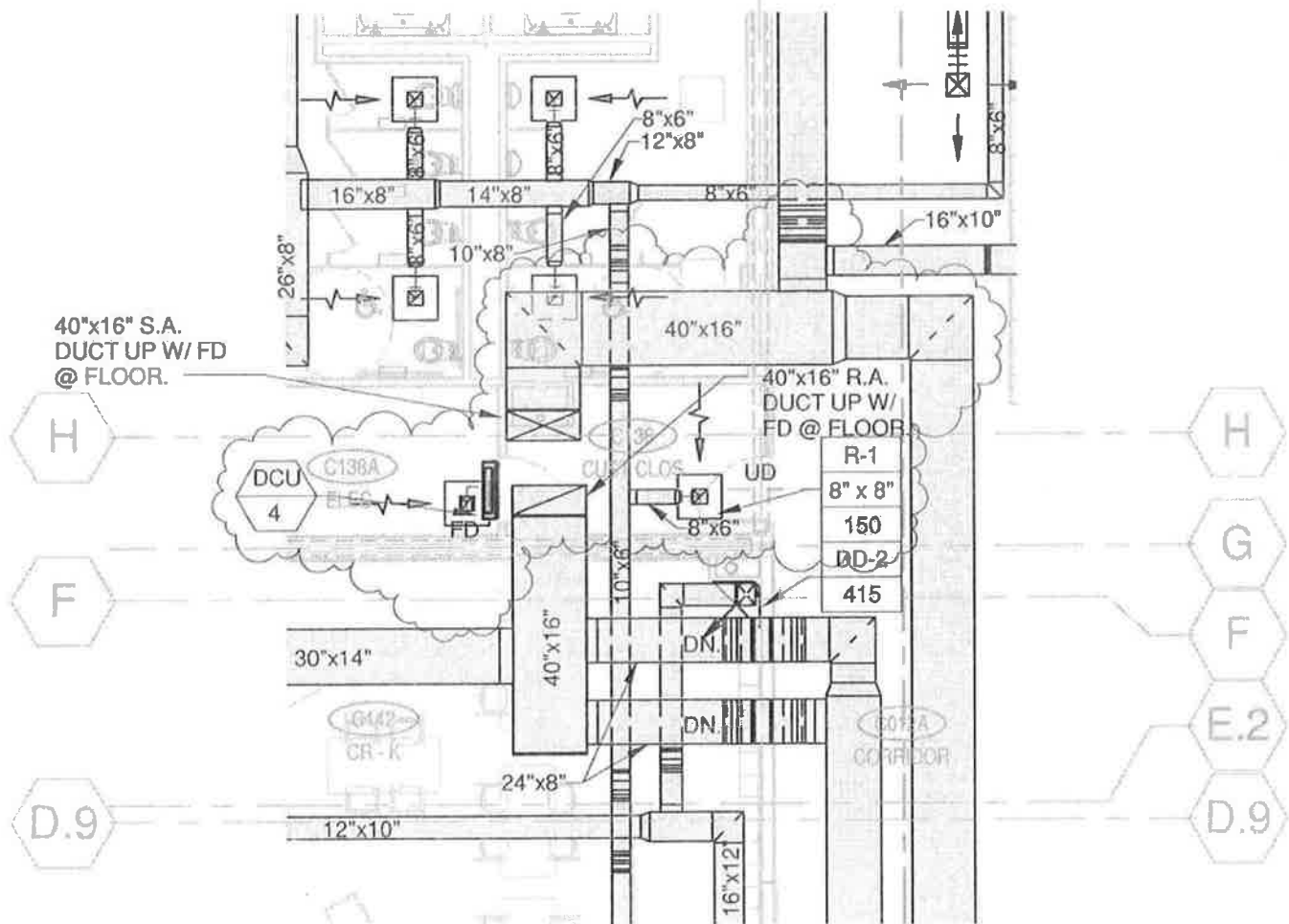
Question	Date Required: December 07, 2015
Electrical code calls for a 6' clearance above the top of electrical panels to any kind of piping or duct located within that room. There is a duct drop located within room C138A which cannot be relocated to another room. This duct is within the required 6' clearance above the top of the electrical panel. Code would allow this if a structural ceiling is built within this room. Please advise if it is acceptable to build a gypsum board ceiling within this room at an elevation of 8'-4".	

Suggestion

Answer	Date Answered:
---------------	-----------------------

Cc: Company Name	Contact Name
-------------------------	---------------------

23



JCJ ARCHITECTURE

38 PROSPECT STREET
HARTFORD, CT 06103
860.247.9226

**HVAC - FIRST FLOOR PART C DUCT
REVISION**

CALEB DUSTIN HUNKING SCHOOL

DRAWING REFERENCE:

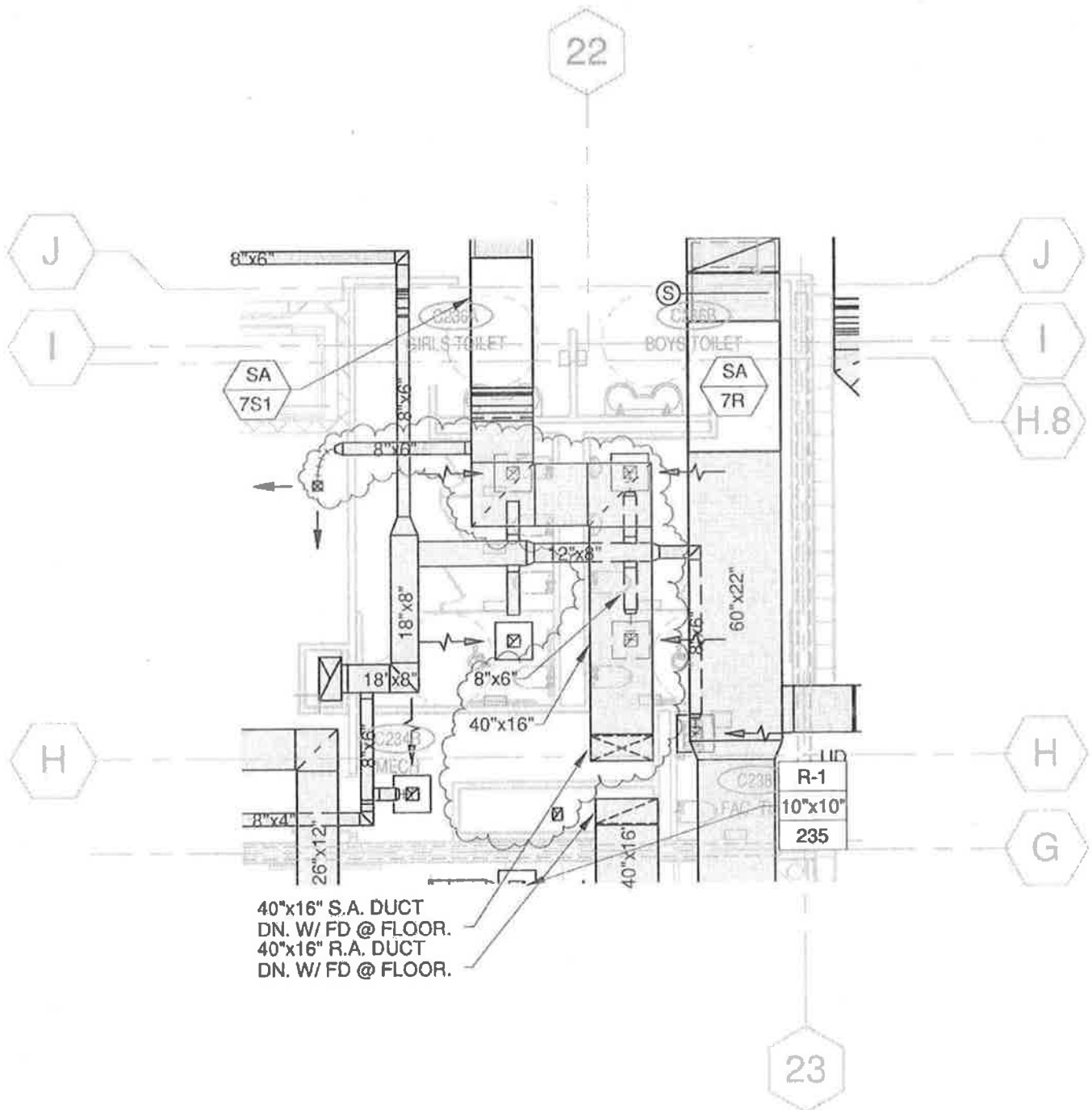
DATE: 12/10/15

PROJECT: B13020.01

DRAWN: RR

SCALE: 1/8" = 1'-0"

SKM-21



JCJ ARCHITECTURE

38 PROSPECT STREET
HARTFORD, CT 06103
860.247.9226

**HVAC - SECOND FLOOR PART C DUCT
REVISION**

CALEB DUSTIN HUNKING SCHOOL

DRAWING REFERENCE:

DATE: 12/10/15

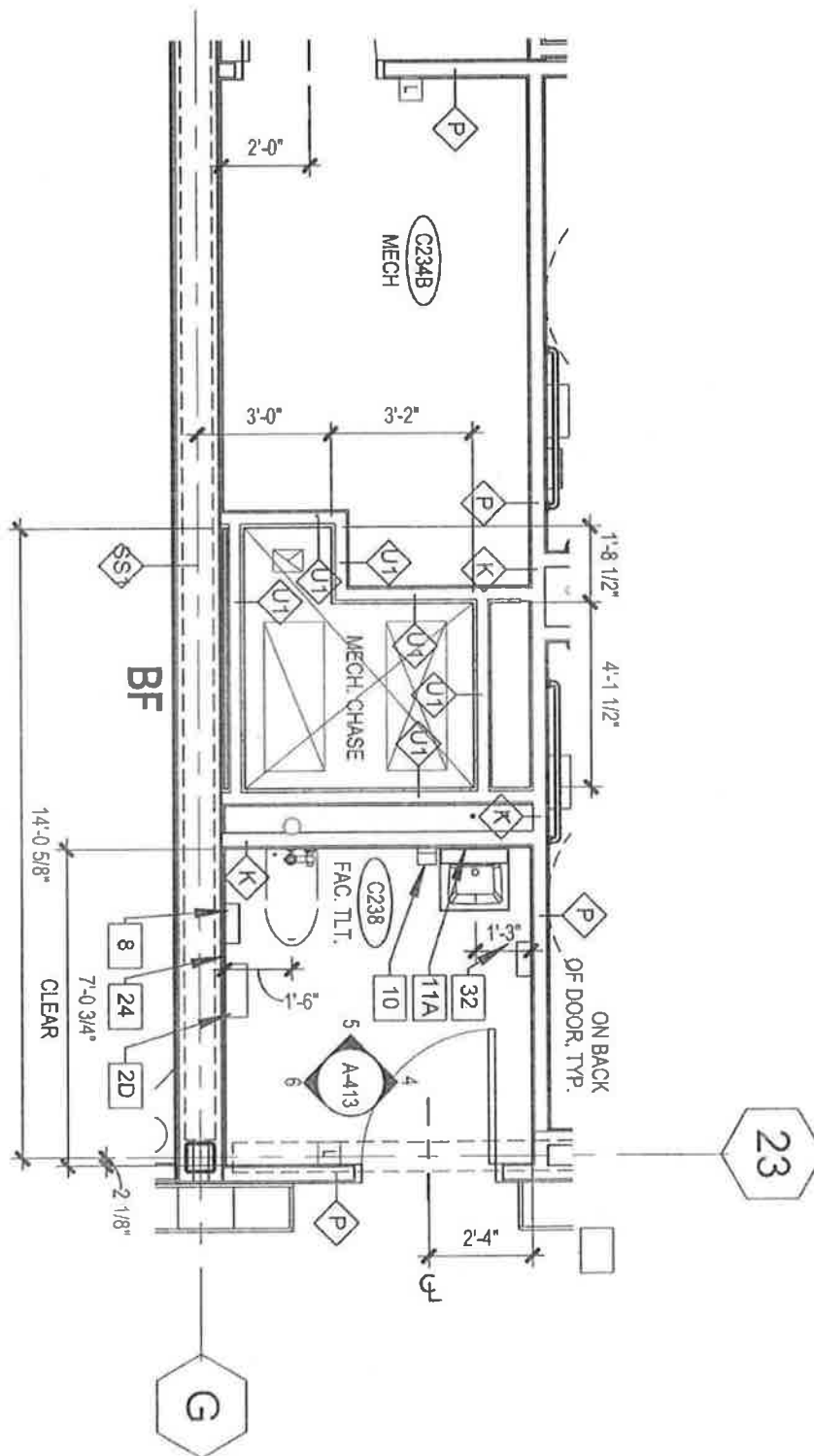
PROJECT: B13020.01

DRAWN: RR

SCALE: 1/8" = 1'-0"

SKM-22

1
MECHANICAL CHASE C234B
1/4" = 1'-0"



JCJ ARCHITECTURE

38 PROSPECT STREET
HARTFORD, CT 06103
860.247.9226

CCD-7

CALEB DUSTIN HUNKING SCHOOL

DRAWING REFERENCE:

DATE: 1/8/16

PROJECT: B13020.01

DRAWN: KKL

SCALE: 1/4" = 1'-0"

SK-025



Change Request CR081

To: William Cunniff
Joslin Lesser & Assoc
44 Pleasant Street
Watertown, MA 02472

Date: April 13, 2016
Project #: 131411
Project: MSBA - Haverhill Caleb Dustin MS

Description: Add Sinks at 3 Workrooms per CCD-11

Item Description	Amount
Drywall; Add Sinks at 3 Workrooms per CCD-11	\$2,390
Plumbing; Add Sinks at 3 Workrooms per CCD-11	\$14,365
Electrical; Add Sinks at 3 Workrooms per CCD-11	\$1,197
Specialties; Add Sinks at 3 Workrooms per CCD-11	\$395
Fee	\$649
GL Insurance	\$144
Builder's Risk	\$34
Bond	\$144
Total:	\$19,318

Type: Lump sum proposal
Schedule Impact: This change will add 0 day(s) to the contract completion date.
Overtime: Project OT Not Required
Notes:


By: Katy Lillich, JCJ Architecture, Inc.


Date: 4.19.16


By: Joseph Pollock, Shawmut Design & Construction


Date: 4/13/16


By: William Cunniff, Joslin Lesser & Assoc


Date: 4/19/16

CONSTRUCTION MANAGER CHANGE ORDER SUMMARY SHEET

PROJECT#: 131411 - Hunking School
 CR#: 081
 DESCRIPTION: Add 3 Sinks per CCD-11
 DATE: 04/13/16
 REFERENCE: CCD-11
 CONSTRUCTION MANAGER: Shawmut Design and Construction

SECTION I - SUBCONTRACTORS	Direct Costs	Non-Direct Costs	Total Costs
Angelini Plastering Inc.	\$ 1,859.23	\$ 530.77	\$ 2,390
The Northern Corp.	\$ 359.10	\$ 35.90	\$ 395
E. Amanti & Sons Inc	\$ 9,798.75	\$ 4,566.25	\$ 14,365
LeVangie Electric Co, Inc	\$ 956.15	\$ 240.85	\$ 1,197
			\$ -
			\$ -
			\$ -
			\$ -
TOTALS	\$ 12,973.23	\$ 5,373.77	\$ 18,347.00

SECTION II - CM MARK-UPS			Total Costs
Subcontract Direct Costs		\$ 12,973.23	
CM Fee on Direct Costs Only	5.00%	\$ 649.00	
Subcontract Non-Direct Costs		\$ 5,373.77	
			\$ 18,996
General Liability Insurance	0.76%	\$ 144.00	
Builder's Risk	0.18%	\$ 34.00	
			\$ 19,174
Payment and Performance Bond	0.75%	\$ 144.00	
TOTAL CHANGE ORDER AMOUNT:			\$ 19,318

9-3-13 Version, revised 8/25/2015

SUBCONTRACTOR CHANGE REQUEST

Lower-tier Subs, Use SUB-SUBCONTRACTOR Form, NOT this form

Caleb Dustin Huaking School		PROJ. NO.	131411	C.M.	Shawmut Design & Construction
SDC PCI NUMBER:	CCD-11	PCI DESC.	Remove and replace drywall at 6 locations for access for plumber.		
DATE:	4/1/2016				
FIRM SUBMITTING CHANGE REQUEST:		Angelini Plastering Inc.			

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates.
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "Rate Approval Pricing Form", after its approval by the CM and Owner or the Prevailing Wage Table in the specifications.			Total Labor Cost (Wages + Fringe only)
			Hourly Labor Rate (Base + Fringe); (Or: From Rate Approval Pricing Form, OR Total Rate from PREVAILING WAGE RATE TABLE)	Total Labor Cost (Wages + Fringe only)	Base Wage Rate for Ins/Tax (From B from Rate Approval Pricing Form, or Base Rate from PREVAILING WAGE RATE TABLE)	
Carpenter	Foreman-MacLean	1.00	\$ 76.86	\$ 76.86	\$ 48.92	\$ 76.86
Carpenter	Journeyman-API	8.00	\$ 71.80	\$ 574.88	\$ 43.92	\$ 574.88
Taper	Foreman-Stout	8.00	\$ 72.37	\$ 578.96	\$ 44.95	\$ 578.96
Taper	Journeyman-API	4.00	\$ 69.87	\$ 279.48	\$ 42.45	\$ 279.48
Laborer	Foreman-Delaney	4.00	\$ 57.25	\$ 229.00	\$ 35.35	\$ 229.00
			Total Base Wages	\$ 1,071.08		
			TOTAL BASE and FRINGE DIRECT LABOR COSTS			\$ 1,739.18

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
Trach		lf	\$0.43	\$ -
Studs		lf	\$0.45	\$ -
Insulating		sqft	\$0.22	\$ -
c58 drywall	280.00	sqft	\$0.31	\$ 86.80
second casing		lf	\$ 2.25	\$ -
Gypsum	105.00	pcs	\$ 0.05	\$ 5.25
L.V.-4	280.00	sqft	\$ 0.10	\$ 28.00
TOTAL MATERIALS COST:				\$ 120.05

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
TOTAL EQUIPMENT COST:				\$ -

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
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5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 1,859.23

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

10.00%

\$ 185.92

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Basic Wages Subject to Insurance and Taxes from Item 1 above	\$ 1,071.08
Insurance & Taxes Rate (30%, or as approved on "RATE APPROVAL PRICING FORM")	30.00%
TOTAL COST INSURANCE AND TAXES ON LABOR	\$ 321.32

8. TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR ITEMS 5, 6, and 7: \$ 2,366.48**9. TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):****10. ** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)****11. TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10):** \$ 2,366.48**12. SUBCONTRACTOR BOND**

Approved bond premium percentage x item 11

1.00%

x ITEM 11:

\$ 23.66

13. TOTAL CHANGE PROPOSAL AMOUNT, including bond cost: \$ 2,390.00

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request. Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.	** By
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**Lower-tier Subs, Use SUB-
SUBCONTRACTOR Form, NOT this form**

PROJ. NO.	PCI DESC.
	CCD #011 -Add PT disp.

C.M. Shawmut Design & Construction

PCI DESC. CCD #011 -Add PT disp.

SDC PCI NUMBER: _____
DATE: _____

FIRM SUBMITTING CHANGE REQUEST:

The Northern Corp.

CR081

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form, after its approval by the CM and Owner				Total Direct Labor Cost
			Total Hourly Labor Costs (Item I from Wage Approval Sheet)	Total Base Cost + Fringe	Wages	Base Wage Rate for Ins/Taxes (Item D from Wage Approval Sheet)	
				\$	-	\$	-
				\$	-	\$	-
				\$	-	\$	-
				\$	-	\$	-
				\$	-	\$	-
				\$	-	\$	-
				Total Base Wages		\$	-
				TOTAL BASE and FRINGE DIRECT LABOR COSTS		\$	-

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

	Material Description	Qty	Unit	Cost Per Unit	Total
Paper Towel Disp.		3.00		\$119.70	\$ 359.10
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
TOTAL MATERIALS COST:					\$ 359.10

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$
				\$
				\$
				\$

SDC PCI NUMBER:

DATE:

3/7/2016

PCI DESC.

CCD #011 -Add PT disp.

FIRM SUBMITTING CHANGE REQUEST:

The Northern Corp.

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.

**** By Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.**

CRO1

Change Order Request



C.O.R. # 1524-0012

G.C. #

Date: 3/9/2016

Project Name: Haverhill, Caleb Dustin PLBG

Project #: 1524

To: Shawmut Design and Construction

Attn: Joe Pollock

560 Harrison Avenue

Boston, MA 02118

From: E. Amanti & Sons, Inc.

Gary Prescott

390 Highland Ave.

Salem, MA 01970

Phone: (617) 622-7000 Fax: (617) 622-7001

Phone: (978) 745-4144 Fax: (978) 745-8833

We hereby propose to make the following changes:

Changes per CCD-11

Change Order Price	\$14,365.00
Original Contract Amount	\$1,628,000.00

This price is good for 5 days. If conditions change, this price is void.

We are requesting a time extension of 5 days in conjunction with this change.

Gary Prescott

3/9/2016

Author

Date Sent



Accepted

The above prices and specifications of this Change Order request are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise specified.

Authorized Signature

Date of Acceptance

SUBCONTRACTOR CHANGE REQUEST

Lower-tier Subs, Use SUB-
SUBCONTRACTOR Form, NOT this form

SDC PCI NUMBER:		PROJ. NO.	C.M.
DATE:		PCI DESC.	Shawmut Design & Construction
FIRM SUBMITTING CHANGE REQUEST: E. Amanti & Sons Inc.			

1. **DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:**Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form, after its approval by the CM and Owner				Total Direct Labor Cost
			Total Hourly Labor Costs (Item 1 from Wage Approval Sheet)	Total Base Cost \$ + Fringe	Base Wage Rate for Ins/Taxes (Item D from Wage Approval Sheet)		
Plumber	Journeyman	64.00	\$ 73.59	\$ 4,709.76	\$ 73.59	\$	4,709.76
Carpenter	Journeyman	6.00	\$ 62.03	\$ 372.18	\$ 62.03	\$	372.18
Plumber	Foreman	12.00	\$ 83.79	\$ 1,005.48	\$ 73.59	\$	1,005.48
			\$ -	\$ -	\$ -	\$	-
			\$ -	\$ -	\$ -	\$	-
Total Base Wages \$ 5,965.02							\$ 6,087.42

TOTAL BASE and FRINGE DIRECT LABOR COSTS

2. **MATERIALS: SUBCONTRACTOR:**

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
2" x 1/2" propress copper tee	1.00		\$90.05	\$ 90.05
1/2" propress copper ball valve	4.00		\$56.90	\$ 227.60
1/2" propress copper 90	20.00		\$3.35	\$ 67.00
1" x 1/2" propress copper tee	1.00		\$19.90	\$ 19.90
1/2" x 10' type L copper pipe	10.00		\$18.12	\$ 181.20
1-1/2" DWVC x male adapter	3.00		\$11.45	\$ 34.35
1-1/2" copper cap	3.00		\$4.09	\$ 12.27
1/2" propress copper tee	4.00		\$5.20	\$ 20.80
1/2" copper caps	6.00		\$0.48	\$ 2.88
1-1/2" x 10' type L copper pipe	1.00		\$72.10	\$ 72.10
3" x 2" NH Y	1.00		\$17.03	\$ 17.03
2" NH 1/8 bend	3.00		\$10.65	\$ 31.95
2" x 10' NH pipe	8.00		\$83.78	\$ 670.24
3" NH clamps	2.00		\$15.83	\$ 31.66
2" NH clamps	41.00		\$13.73	\$ 562.93
2" NH Y	3.00		\$15.75	\$ 47.25
2" NH End cleanout	2.00		\$25.05	\$ 50.10

DATE:

[illegible]

FIRM SUBMITTING CHANGE REQUEST:

E. Amanti & Sons Inc.

[illegible]

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below.)

Equipment Description	Qty	Unit	Cost Per Unit	Total \$
			\$	\$
			\$	\$
			\$	\$
			\$	\$
TOTAL EQUIPMENT COST:			\$	\$

SDC PCI NUMBER:
DATE:

PCI DESC. CCD -11

FIRM SUBMITTING CHANGE REQUEST:

E. Amanti & Sons Inc.

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 9,798.75

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

\$ 979.88

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above \$ 5,965.02
Insurance & Taxes Rate (12%, or as approved on "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form) 30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR \$ 1,789.51

8.

TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7): \$ 12,568.13

9.

TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form): \$ 780.00

9.

TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form): \$ 660.18

10.

** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form) \$ 144.02

11.

TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10): \$ 14,152.33

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11.

\$ 212.28

13.

TOTAL CHANGE PROPOSAL AMOUNT, including bond cost \$ 14,365.00

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.

SDC PCI NUMBER:		PCI DESC.	CCD -I1
DATE:			

FIRM SUBMITTING CHANGE REQUEST:	E. Amanit & Sons Inc.
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** By Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.

First-Tier Subs, Use Subcontractor Pricing Form. NOT this form

Project Name: Haverhill Caleb School		PROJ. NO.	C.M.	Shawmut
PCO NUMBER:		PCO DESC.	Changes Per CCD-11	
DATE:				
FIRM SUBMITTING CHANGE ORDER:		BDMtech	SUB TO:	E. Amanti & Sons Inc.

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
All Labor Rates must be approved by the Owner prior to issuance of change orders

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form, after approval by the CM and Owner			Total Direct Labor Cost
			Total Hourly Labor Costs (Item 1 from Wage Approval Sheet)	Total Base Cost ¹ Wages + Fringe	Base Wage Rate for Ins/Taxes (Item D from Wage Approval Sheet)	
Drafting Services		15.00	\$ 40.00	\$ 600.00	\$	\$ 600.00
				\$	\$	\$
				\$	\$	\$
				\$	\$	\$
				Total Base Wages	\$	\$

TOTAL BASE, EXCESS AND DIRECT LABOR COSTS	\$ 600.00
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(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
-			\$	\$ -
-			\$	\$ -
-			\$	\$ -
-			\$	\$ -
-			\$	\$ -
-			\$	\$ -
TOTAL MATERIALS COST:			\$	\$ -

TOTAL MATERIALS COST:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
			\$	-
			\$	-
			\$	-
			\$	-
			\$	-
			\$	-
TOTAL EQUIPMENT COST:			\$	-

TOTAL EQUIPMENT COST:

PCO NUMBER:	PCO DESC.:	Changer Per CCD-11
DATE:		
FIRM SUBMITTING CHANGE ORDER:	BIMtech	SUB TO: E. Amanti & Sons Inc.

4. LUMP SUM SERVICES PROVIDED TO SUB-SUBCONTRACTOR (Not Typical, Contact GC for direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 600.00

6. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above \$ 600.00
Insurance & Taxes Rate (12%, or as approved on "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form) 30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR \$ 180.00

7.

TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR: \$ 780.00

Additional Notes:

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All change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the proposed change order.
** NOTE: Total allowable markup of Direct Costs, per Contract, is 10%, and will be identified on the First-tier Subcontractor's Change Request Form. **

SUB-SUBCONTRACTOR CHANGE REQUEST

Project Name: CALEB HUNKUNG SCHOOL		PROJ. NO. 131411	C.M. SHAWMUT DESIGN & CONST
PCO NUMBER: 111-011	DATE: 2/26/2016	PCO DESC. additional sink	
FIRM SUBMITTING CHANGE ORDER: INTERSTATE INSULATION LLC		SUB TO: E AMANTI & SONS INC	

1. DIRECT LABOR: SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
All Labor Rates must be approved by the Owner prior to issuance of change orders

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form, after approval by the CM and Owner				Total Direct Labor Cost
			Total Hourly Labor Costs (Item 1 from Wage Approval Sheet)	Total Base Cost + Fringe	Wages	Base Wage Rate for Ins/Taxes (Item D from Wage Approval Sheet)	
INSULATOR PIPE & TANK	JOURNEYMAN	6.00	\$ 67.16	\$ 402.96	\$ -	\$ -	\$ 402.96
				\$ -	\$ -	\$ -	\$ -
				\$ -	\$ -	\$ -	\$ -
				\$ -	\$ -	\$ -	\$ -
				Total Base Wages	\$ -	\$ -	\$ -
TOTAL BASE, EXCESS AND DIRECT LABOR COSTS							\$ 402.96

2. MATERIALS: SUB-SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
fiberglass pipe insulation	101ft	1/2 x 1	\$1.08	\$ 109.08
pvc fitting covers	20.00	no 7-90	\$1.36	\$ 27.25
TOTAL MATERIALS COST:				\$ 136.33

3. EQUIPMENT: SUB-SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL EQUIPMENT COST:				\$ -

PCO NUMBER:	411-011	PCO DESC:	additional stink
DATE:	2/26/2016		
FIRM SUBMITTING CHANGE ORDER:	INTERSTATE INSULATION LLC	SUB TO:	EAMANTI & SONS INC

4. LUMP SUM SERVICES PROVIDED TO SUB-SUBCONTRACTOR (Not Typical, Contact GC for direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST: \$	

5. SUBTOTAL OF DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 539.29

6. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above	\$ 402.96
Insurance & Taxes Rate (12%, or as approved on "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form.)	30.00%
TOTAL COST INSURANCE AND TAXES ON LABOR	\$ 120.89

7.

TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR: \$ 660.18

Additional Notes:

--

All change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the proposed change order.
 ** NOTE: Total allowable markup of Direct Costs, per Contract, is 10%, and will be identified on the First-tier Subcontractor's Change Request Form. **

SUBCONTRACTOR CHANGE REQUEST

Lower-tier Subs, Use SUB-SUBCONTRACTOR Form, NOT this form

Caleb Dustin Hunking School		PROJ. NO.		C.M.	Shawmut Design & Construction
SDC PCI NUMBER:		PCI DESC.			
DATE: 2/26/2016		CCD #11			
FIRM SUBMITTING CHANGE REQUEST:		LeVangie Electric Co., Inc.			

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates

If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. <u>Worked</u>	These values shall be taken from the "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form, after its approval by the CM and Owner			Total Direct Labor Cost
			Total Hourly Labor Costs (Item I from Wage Approval Sheet)	Total Base Cost + Fringe	Base Wage Rate for Ins/Taxes (Item D from Wage Approval Sheet)	
Electrical	Journeyman	9.46	\$ 47.08	\$ 445.38	\$ 28.46	\$ 445.38
				\$ -		\$ -
				\$ -		\$ -
				\$ -		\$ -
				\$ -		\$ -
				Total Base Wages	\$ 269.23	\$ 269.23
TOTAL BASE and FRINGE DIRECT LABOR COSTS						\$ 714.61

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
MATERIALS	1.00		\$241.54	\$ 241.54
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL MATERIALS COST:				\$ 241.54

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below.)

Equipment Description	Qty	Unit	Cost Per Unit	Total
			\$	-
			\$	-
			\$	-
			\$	-
TOTAL EQUIPMENT COST:			\$	-

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$	956.15
----	--------

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

10.00%	\$	95.61
--------	----	-------

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above

\$	445.38
----	--------

Insurance & Taxes Rate (12%, or as approved on "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form)

30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR	\$	133.61
---	----	--------

8. TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7): 5 1,185.38

9. TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

10. ** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)

11.	TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10):	\$ 1,185.38
-----	--	-------------

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11.

1.00% x ITEM 11:

5	11.85
---	-------

13.	TOTAL CHANGE PROPOSAL AMOUNT, including bond cost	\$ 1,197.00
-----	---	-------------

SDC PCI NUMBER:
DATE:

PCI DESC.

FIRM SUBMITTING CHANGE REQUEST:

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.

** By Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.



AIA Document G714™ – 2007

Construction Change Directive

PROJECT: <i>(Name and address)</i> Caleb Dustin Hunking School 98 Winchester Street Haverhill, MA 01835	DIRECTIVE NUMBER: 011 DATE: February 18, 2016 CONTRACT FOR: General Construction	OWNER: ☐ ARCHITECT: ☐ CONSULTANT: ☐ CONTRACTOR: ☐ FIELD: ☐ OTHER: ☐
TO CONTRACTOR: <i>(Name and address)</i> Shawmut Design & Construction 560 Harrison Avenue Boston, MA 02118	CONTRACT DATED: May 14, 2013 ARCHITECT'S PROJECT NUMBER: B130200.00	

You are hereby directed to make the following change(s) in this Contract:
(Describe briefly any proposed changes or list any attached information in the alternative)

At the direction of the owner, add sinks as described in SK-036, SKP-1, SKP-2, SKP-3 and SKP-4, attached.

PROPOSED ADJUSTMENTS

- The proposed basis of adjustment to the Contract Sum or Guaranteed Maximum Price is:
 - ☐ • Lump Sum decrease of \$0.00
 - ☐ • Unit Price of \$ per
 - ☒ • As provided in Section 7.3.3 of AIA Document A201-2007
 - ☐ • As follows:
- The Contract Time is proposed to (remain unchanged). The proposed adjustment, if any, is 0 days.

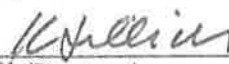
When signed by the Owner and Architect and received by the Contractor, this document becomes effective IMMEDIATELY as a Construction Change Directive (CCD), and the Contractor shall proceed with the change(s) described above.

Contractor signature indicates agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this CCD.

JCJ Architecture
ARCHITECT *(Firm name)*
One State Street, Suite 900
Boston, MA 02109
ADDRESS

City of Haverhill
OWNER *(Firm name)*
Four Summer Street, Room 100
Haverhill, MA 01830
ADDRESS

Shawmut Design & Construction
CONTRACTOR *(Firm name)*
560 Harrison Avenue
Boston, MA 02118
ADDRESS


BY *(Signature)*

BY *(Signature)*

BY *(Signature)*

Katy Lillich
(Typed name)

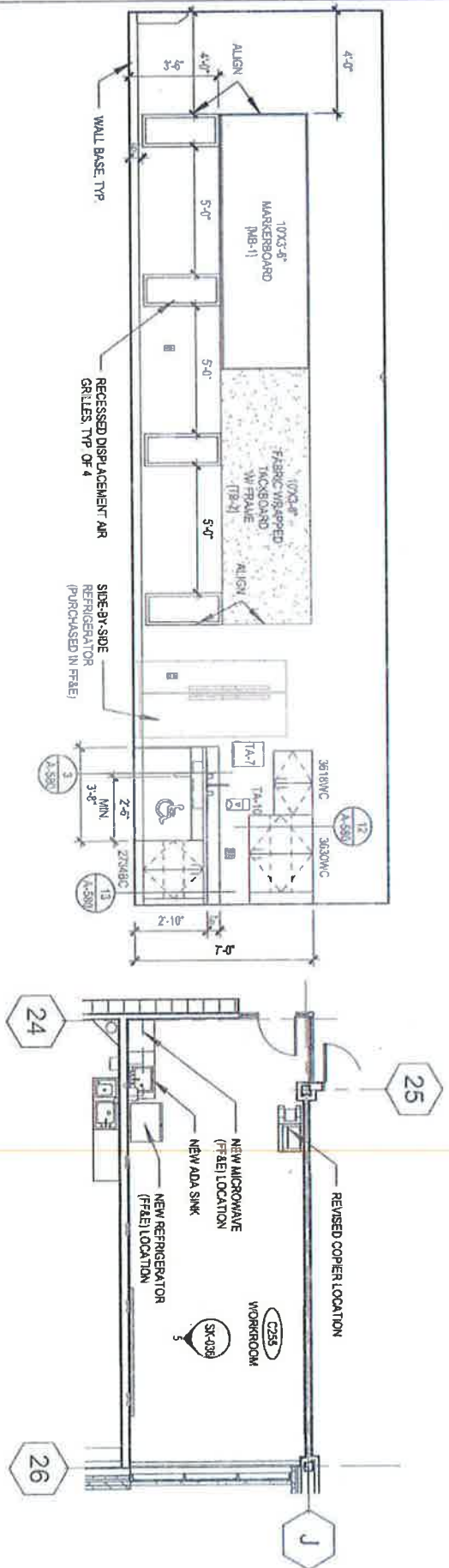
(Typed name)

(Typed name)

2.18.16
DATE

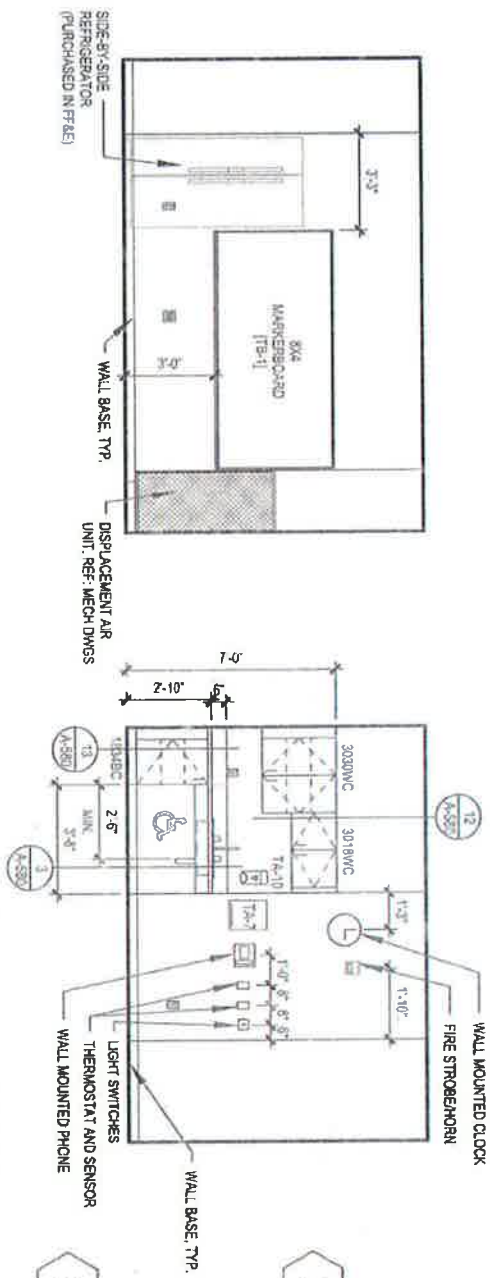
DATE

DATE



5 C255 WORKROOM - EAST REV
1/4" = 1'-0"

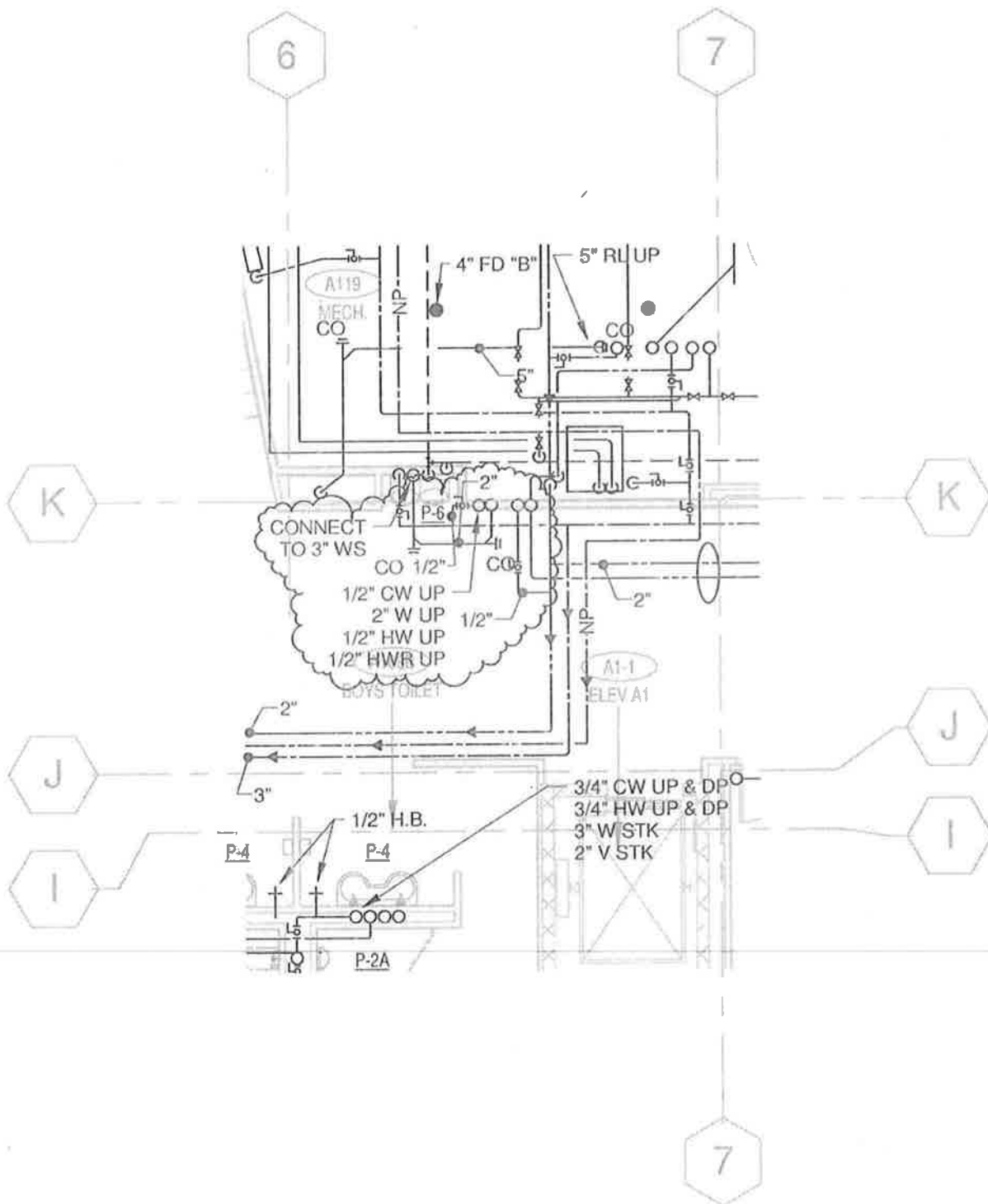
4 WORKROOM C255 REVISED
1/8" = 1'-0"



3 A221/A321 WORKROOM - WEST REV
1/4" = 1'-0"

2 A221/A321 WORKROOM - EAST REV
1/4" = 1'-0"

1 WORKROOM A221 REVISED
1/8" = 1'-0" TYPICAL AT WORKROOM A321



REF: P-111

JCJARCHITECTURE

38 PROSPECT STREET
HARTFORD, CT 06103
860.247.8226

ADDITIONAL SINK

CALEB DUSTIN HUNKING SCHOOL

DRAWING REFERENCE:

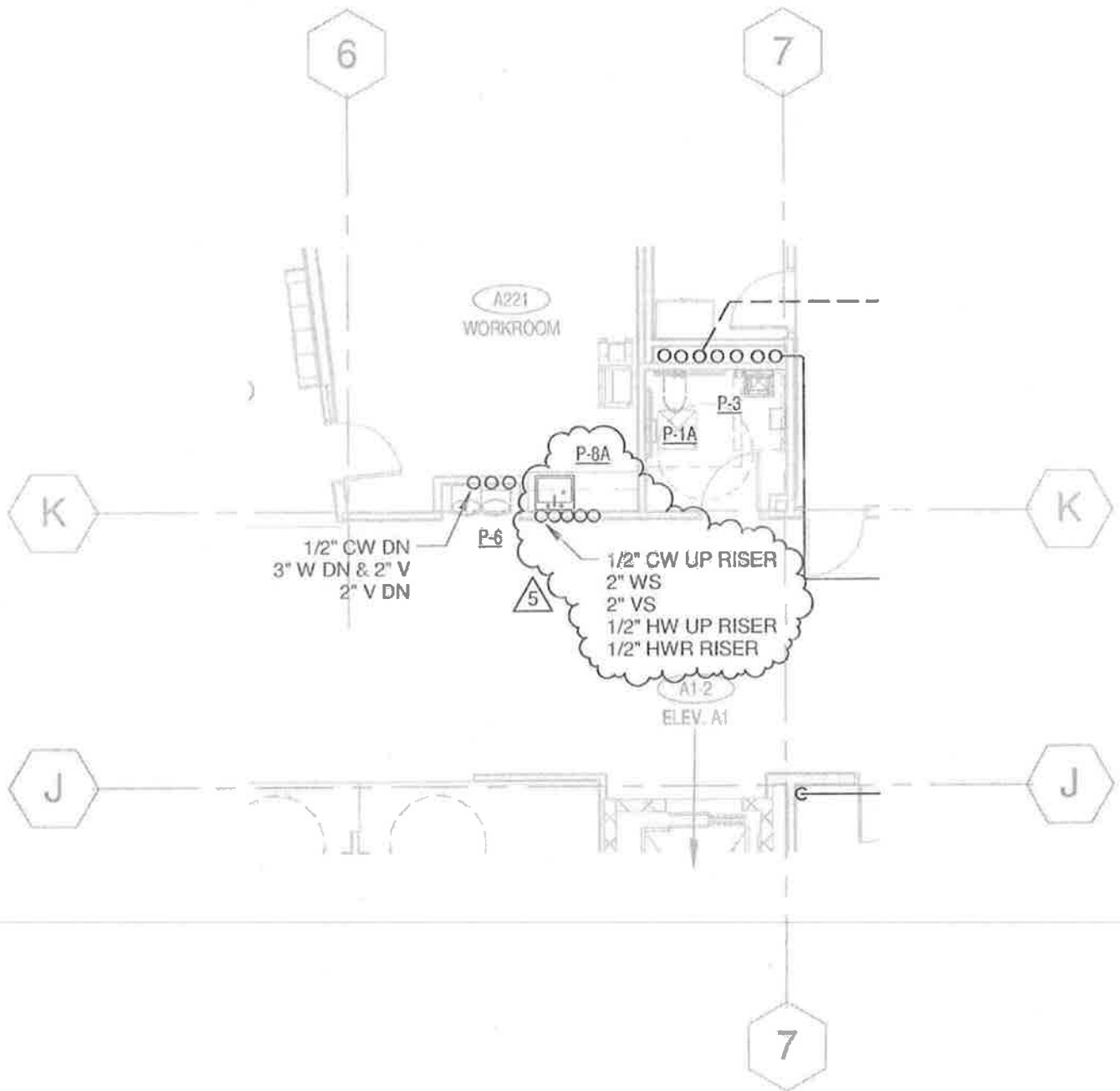
DATE: 02/17/16

PROJECT: B13020.01

DRAWN: JIG

SCALE: 1/8" = 1'-0"

SKP-01



REF: P-121

JCJARCHITECTURE

38 PROSPECT STREET
HARTFORD, CT 06103
860.247.5226

ADDITIONAL SINK

CALEB DUSTIN HUNKING SCHOOL

DRAWING REFERENCE:

DATE: 02/17/16

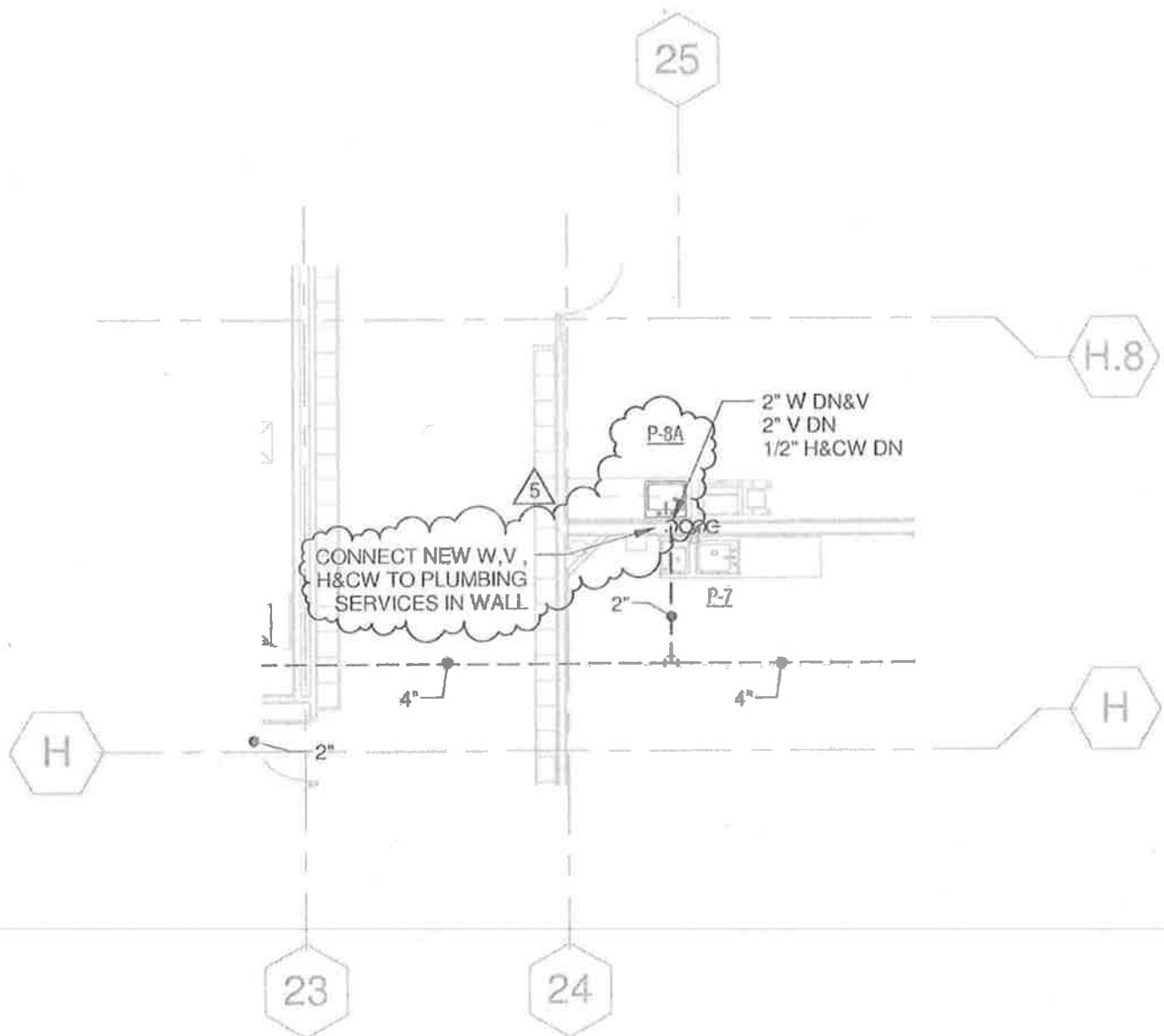
PROJECT: B13020.01

DRAWN: JIG

SCALE: 1/8" = 1'-0"

SKP-02

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REF: P-123

JCJ ARCHITECTURE

38 PROSPECT STREET
HARTFORD, CT 06103
860.247.9226

ADDITIONAL SINK

CALEB DUSTIN HUNKING SCHOOL

DRAWING REFERENCE:

DATE: 02/17/16

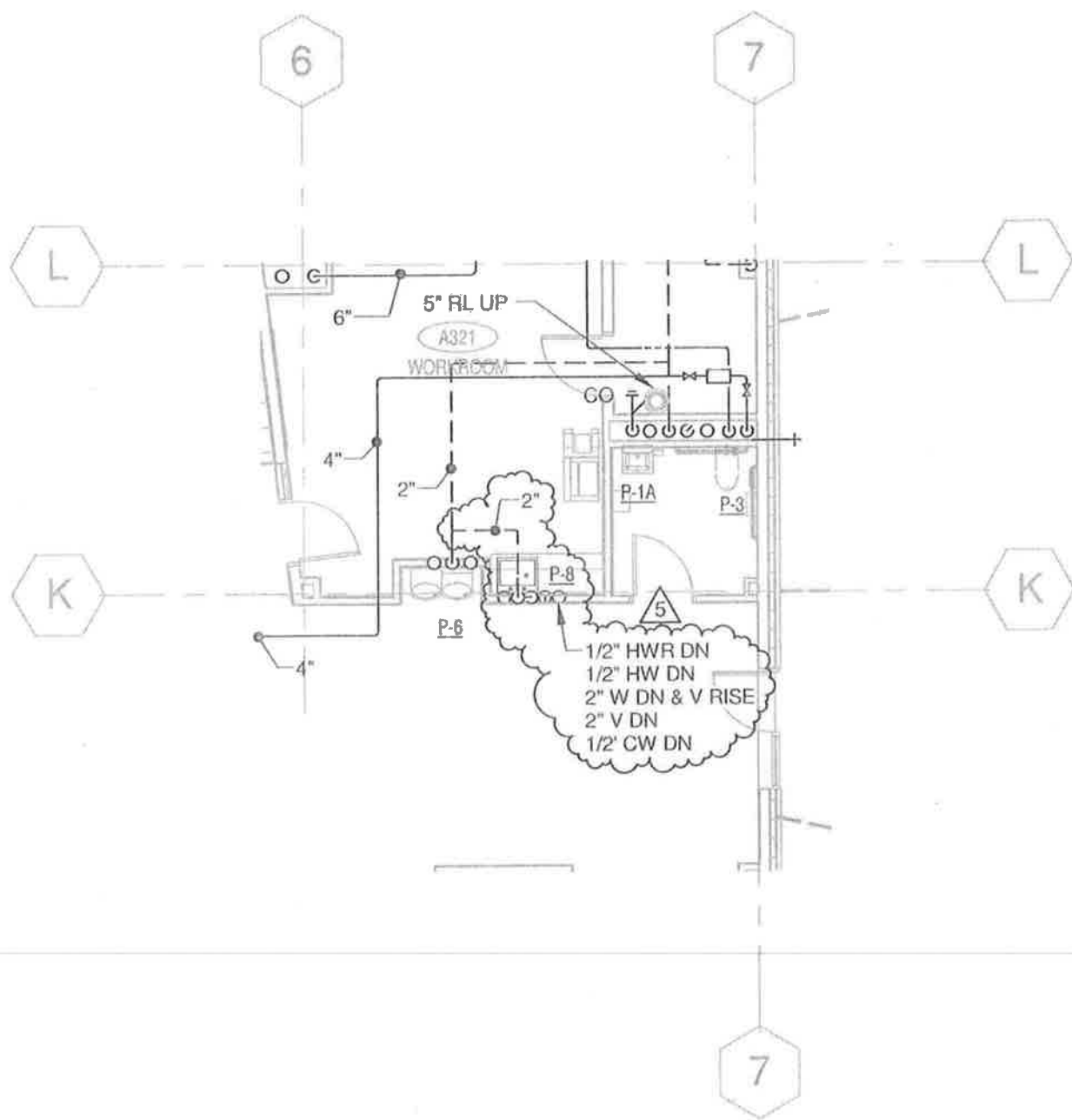
PROJECT: B19020.01

DRAWN: JIG

SCALE: 1/8" = 1'-0"

SKP-03

© 2013 JCJ Architecture



REF: P-131

JCJARCHITECTURE

35 PROSPECT STREET
HARTFORD, CT 06103
860.247.9226

ADDITIONAL SINK

CALEB DUSTIN HUNKING SCHOOL

DRAWING REFERENCE:

DATE: 02/17/16

PROJECT: B13020.01

DRAWN: JIG

SCALE: 1/8" = 1'-0"

SKP-04

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GARCIA • GALUSKA • DESOUSA
Consulting Engineers Inc.

REQUEST FOR INFORMATION - RFI

M#51084
J#745 002 00.00

DATE: March 2, 2016
TO: Katy Lillich, RA, MCPPO
JCJ Architecture, Inc.
FROM: Christopher M. Garcia, P.E.

DEPT: Plumbing
PROJECT: Caleb Dustin Hunking School
Haverhill, MA
SUBJECT: RFI #302 – Sinks Added per CCD-11

RFI #302

There are two sinks that were added per CCD-11 which are tagged as type P-8A sinks. This tag is not included on the Plumbing Fixture schedule.

Please provide the fixture type for P-8A or advise if the two P-8A tags should be changed.

Response:

Provide the P-8 fixture at all three locations.

AD:jfm

Enc.

Cc: Daniel F.B. Ruiz, MCPPO, JCJ Architecture

03/04/16 KKL



RECEIVED

March 2, 2016

Garcia Galuska & DeSousa

Request for Information RFI302

Project # 131411
MSBA - Haverhill Caleb Dustin MS

RFI #: RFI302

Date Created: March 02, 2016

To:

Katy Lillich
JCJ Architecture, Inc.
1 State Street
Boston MA, 02109

From:

Joseph Pollock
Shawmut Design & Construction
560 Harrison Avenue
Boston MA, 02118

Subject

Sinks Added per CCD-11

Source

Cost Impact

Potentially

Amount

\$TBD

Schedule Impact

No

Days

TBD

Question

Date Required: March 09, 2016

There are two sinks that were added per CCD-11 which are tagged as type P-8A sinks. This tag is not included on the Plumbing Fixture schedule.

Please provide the fixture type for P-8A or advise if the two P-8A tags should be changed.

Suggestion

Answer

Date Answered:

Cc: Company Name

Contact Name



Request for Information

E. Amanti & Sons, Inc.

390 Highland Ave.
Salem, MA 01970

RFI # **1524-0023**

GC RFI #

Date: 2/29/2016

Phone: (978) 745-4144

Fax: (978) 745-8833

Project Name: Haverhill, Caleb Dustin PLBG

Project #: 1524

To: Shawmut Design and Construction
Attn: Joe Pollock
560 Harrison Avenue
Boston, MA 02118

Phone: (617) 622-7000 **Fax:** (617) 622-7001
From: Gary Prescott

REASON FOR REQUEST	ACTION REQUESTED	PROBABLE EFFECT
☒ Insufficient Information	☒ Clarification	☐ Increase Cost
☐ Engineering Conflict	☐ Direction	☐ Decrease Cost
☐ Alternate Proposal	☐ Approval	☒ Unknown Cost
☐		☐ Increase Time
		☐ Decrease Time
RESPONSE REQUIRED BY: 03/07/2016		☒ Unknown Time

REFERENCE: DRAWING NO.:
SUBJECT: CCD-11

SPECIFICATION NO.: 220001

INFORMATION NEEDED:

The CCD-11 that came out references 2 P-8A sinks and 1 P-8 sink. We do not have a P-8A sink in the plumbing fixture schedule. Please advise.

RECOMMENDATION:

RESPONSE:

AUTHORIZED SIGNATURE

COMPANY

DATE

Page 1 of 1



Change Request CR084

To: William Cunniff
Joslin Lesser & Assoc
44 Pleasant Street
Watertown, MA 02472

Date: March 29, 2016
Project #: 131411
Project: MSBA - Haverhill Caleb Dustin MS

Description: Add Soffit in Kitchen to Conceal Grease Duct per RFI #282

Item Description	Amount
Add Soffit in Kitchen to Conceal Grease Duct per RFI #282	\$2,627
Fee	\$102
GL Insurance	\$21
Builder's Risk	\$5
Bond	\$21
Total:	\$2,776

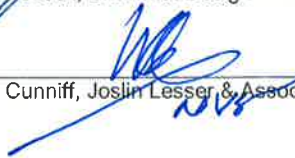
Type: Lump sum proposal
Schedule Impact: This change will add 0 day(s) to the contract completion date.
Overtime: Project OT Not Required
Notes:

By:  Katy Lillich, JCJ Architecture, Inc.

Date: 4.19.16

By:  Joseph Pollock, Shawmut Design & Construction

Date: 3/29/16

By:  William Cunniff, Joslin Lesser & Assoc

Date: 4/19/16

CONSTRUCTION MANAGER CHANGE ORDER SUMMARY SHEET

PROJECT#: 131411 - Hunking School
CR#: 084

DESCRIPTION: Add Soffit in Kitchen to Conceal the Grease Duct per RFI #282

DATE: 03/29/16

REFERENCE RFI #282

CONSTRUCTION MANAGER: Shawmut Design and Construction

SECTION I - SUBCONTRACTORS	Direct Costs	Non-Direct Costs	Total Costs
Angelini Plastering, Inc.	\$ 2,048.95	\$ 578.05	\$ 2,627
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
TOTALS	\$ 2,048.95	\$ 578.05	\$ 2,627.00

SECTION II - CM MARK-UPS			Total Costs
Subcontract Direct Costs		\$ 2,048.95	
CM Fee on Direct Costs Only	5.00%	\$ 102.00	
Subcontract Non-Direct Costs		\$ 578.05	
			\$ 2,729
General Liability Insurance	0.76%	\$ 21.00	
Builder's Risk	0.18%	\$ 5.00	
			\$ 2,755
Payment and Performance Bond	0.75%	\$ 21.00	
TOTAL CHANGE ORDER AMOUNT:			\$ 2,776

SUBCONTRACTOR CHANGE REQUEST

Caleb Dustin Hunking School		PROJ. NO.	131411	C.M. Shawmut Design & Construction	
SDC PCI NUMBER:	RFL-282	PCI DESC.	Install new soffit per SK042		
DATE:	3/9/2016				
FIRM SUBMITTING CHANGE REQUEST: Angelini Plastering Inc					

CR084

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "Rate Approval Pricing Form", after its approval by the CM and Owner or the Prevailing Wage Table in the specifications.			Total Labor Cost (Wages + Fringe only)	Total Labor Cost (Wages + Fringe only)
			Hourly Labor Rate (Base + Fringes); (Item 1 from Rate Approval Pricing Form OR Total Rate from PREVAILING WAGE RATE TABLE)	Total Labor Cost (Wages + Fringe only)	Base Wage Rate for Ins/Taxes (Item D from Rate Approval Pricing Form, or Base Rate from PREVAILING WAGE RATE TABLE)		
Carpenter	Foreman-MacLean	1.00	\$ 76.86	\$ 76.86	\$ 48.92	\$ 76.86	\$ 76.86
Carpenter	Journeyman-API	16.00	\$ 71.86	\$ 1,149.76	\$ 43.92	\$ 1,149.76	\$ 1,149.76
Taper	Foreman-Strout	1.00	\$ 72.37	\$ 72.37	\$ 44.95	\$ 72.37	\$ 72.37
Taper	Journeyman-API	6.00	\$ 69.87	\$ 419.22	\$ 42.45	\$ 419.22	\$ 419.22
Laborer	Foreman-Delaney	3.00	\$ 57.25	\$ 171.75	\$ 35.35	\$ 171.75	\$ 171.75
			Total Base Wages	\$ 1,157.34			
			TOTAL BASE and FRINGE DIRECT LABOR COSTS			\$	\$ 1,889.96

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
metal stud track top track	23.00	LF	\$0.60	\$ 13.80
metal stud track	45.00	LF	\$0.43	\$ 19.35
Metal studs	102.00	LF	\$0.45	\$ 45.90
type X drywall	142.00	SQFT	\$0.30	\$ 42.60
level 4 finish	142.00	SQFT	\$ 0.10	\$ 14.20
corner bead	23.00	Lf	\$ 0.18	\$ 4.14
fastners	380.00	pcs	\$ 0.05	\$ 19.00
			TOTAL MATERIALS COST:	
			\$	\$ 158.99

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
			\$	\$ -
			\$	\$ -
			\$	\$ -
			\$	\$ -
			TOTAL EQUIPMENT COST:	
			\$	\$ -

C:\Users\jcloutier\Desktop\RFI-282

SDC PCI NUMBER: **RFI-282**
DATE: **3/9/2016**

PCI DESC. **Install new soffit per SK042**

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 2,048.95

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

\$ 204.90

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above

\$ 1,157.34

Insurance & Taxes Rate (30%, or as approved on "RATE APPROVAL PRICING FORM")

30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR

\$ 347.20

8. TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7) :

\$ 2,601.05

9. TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

10. ** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)

11. TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10) :

\$ 2,601.05

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11.

1.00% x ITEM 11:

\$ 26.01

13. TOTAL CHANGE PROPOSAL AMOUNT, including bond cost

\$ 2,627.00

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.

Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.



Request for Information RFI282

Project # 131411
MSBA - Haverhill Caleb Dustin MS

RFI #: RFI282

Date Created: February 17, 2016

To:

Katy Lillich
JCJ Architecture, Inc.
1 State Street
Boston MA, 02109

From:

Andrew LaRosa
Shawmut Design & Construction
560 Harrison Avenue
Boston MA, 02118

Subject

Grease Duct Concealment and RP Layout

Source

Cost Impact

Potentially

Amount

\$TBD

Schedule Impact

Potentially

Days

TBD

Question

Date Required:

February 24, 2016

Please see the attached RFI from NB Kenney:

RFI-100 (attached) lowered ceiling height in dry storage to 9'-0"

The bottom of the new grease duct at low point is 8'-6"

Please advise on new ceiling height in this room

Please confirm new radiant panel location is acceptable as depicted in the attached screenshot:

SDC Comments:

Ceiling in dry storage room A125E will have to be lowered due to the bottom of grease duct at 9'. If the ceiling is lowered to 8'-4", this would cover up the grease duct as well as the low point drain of the grease duct. If the ceiling is lowered to just 2" below the grease duct (8'-10"), a soffit will have to be constructed to cover up the low point drain of the grease duct.

1. Please advise if the ceiling should be lowered to 8'-10" and a soffit is to be constructed in A125E or if the ceiling is to be lowered to 8'-4". If a soffit is to be constructed, please advise if it is acceptable to just box out the grease duct, if not please provide a detail.

2. A soffit will need to be constructed in A125 to cover up the grease duct in this room, please advise if it is acceptable to just box out the grease duct, if not please provide a detail. The bottom of duct in this room at column line M is at 8'-6" and rises up to 10'-2" as shown on the attached, marked up shop drawing.

3. Please confirm layout of radiant panels is acceptable as requested by NB Kenney.

Suggestion

Answer

Date Answered:

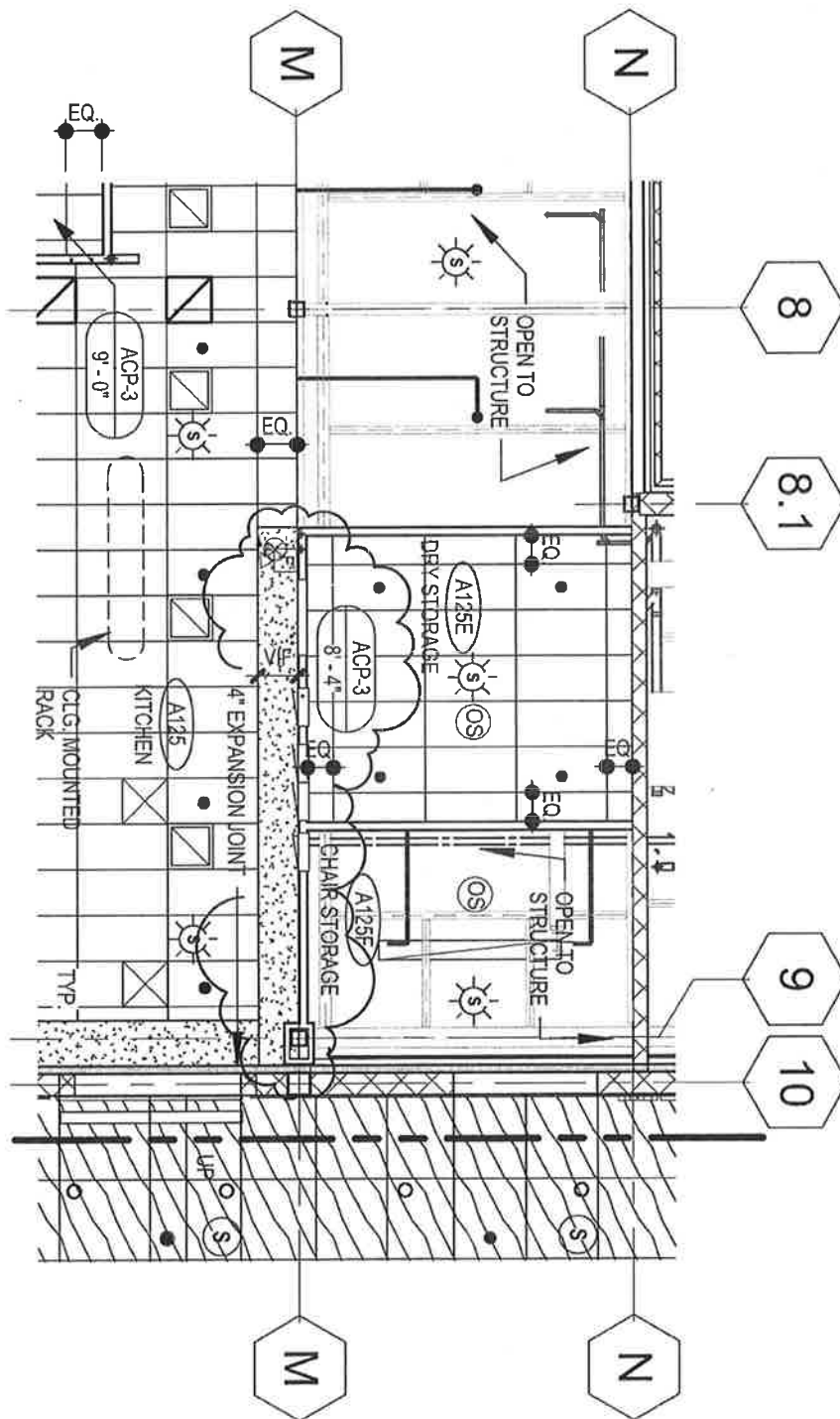
1. Lower ceiling in A125E to 8'-4".
 2. Add soffit as shown in SK-042 attached. Width to be as narrow as possible - VIF.
 3. Acceptable as shown.
- KKL 02/29/16

Cc: Company Name

Contact Name

1 FIRST FLOOR RCP- KITCHEN

1/8" = 1'-0"



JCJ ARCHITECTURE

38 PROSPECT STREET
HARTFORD, CT 06103
860.247.9226

RFI 282

CALEB DUSTIN HUNKING SCHOOL

DRAWING REFERENCE:

DATE: 02/29/16

PROJECT: B13020.01

DRAWN: KKL

SCALE: 1/8" = 1'-0"

SK-042

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N. B. Kenney Co., Inc.

REQUEST FOR INFORMATION

No. 00054

68 Barnum Road
Devens, MA 01434-3508

Phone: 978-849-5200
Fax: 978-849-5299

TITLE: Dry Storage Radiant Panels

DATE: 2/12/2016

PROJECT: Hunking School

JOB: 15014

TO: Attn: Joe Pollock
Shawmut Design and Construction
560 Harrison Avenue
Boston, MA 02118

STARTED:

COMPLETED:

REQUIRED: 2/19/2016

REQUEST:

RFI-100 (attached) lowered ceiling height in dry storage room to 9'-0"

The bottom of the new grease duct at low point is 8'-6"

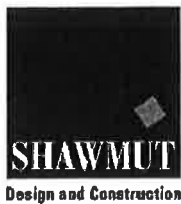
Please advise on new ceiling height in this room

Please confirm new radiant panel location is acceptable as depicted in attached screenshot.

Requested By: N. B. Kenney Co., Inc.

Date: _____

Signed: _____
Lindsey Michelin



Request for Information RFI100

Project # 131411
MSBA - Haverhill Caleb Dustln MS

RFI #: RFI100

Date Created: September 18, 2015

To:

Katy Lillich
JCJ Architecture, Inc.
1 State Street
Boston MA, 02109

From:

Joseph Pollock
Shawmut Design & Construction
560 Harrison Avenue
Boston MA, 02118

Subject

Ceiling Height in Room A125E Dry Storage

Source

Cost Impact

No

Amount

\$TBD

Schedule Impact

No

Days

TBD

Question

Date Required: September 25, 2015

We request that the ceiling height in Dry Storage Room A125E be lowered to 9'-0" so the MEPs can fit above the ceiling. There are some low beams as you head west thru this space and there is no other way to route the feeds. Please advise if this is acceptable.

Suggestion

Answer

Date Answered:

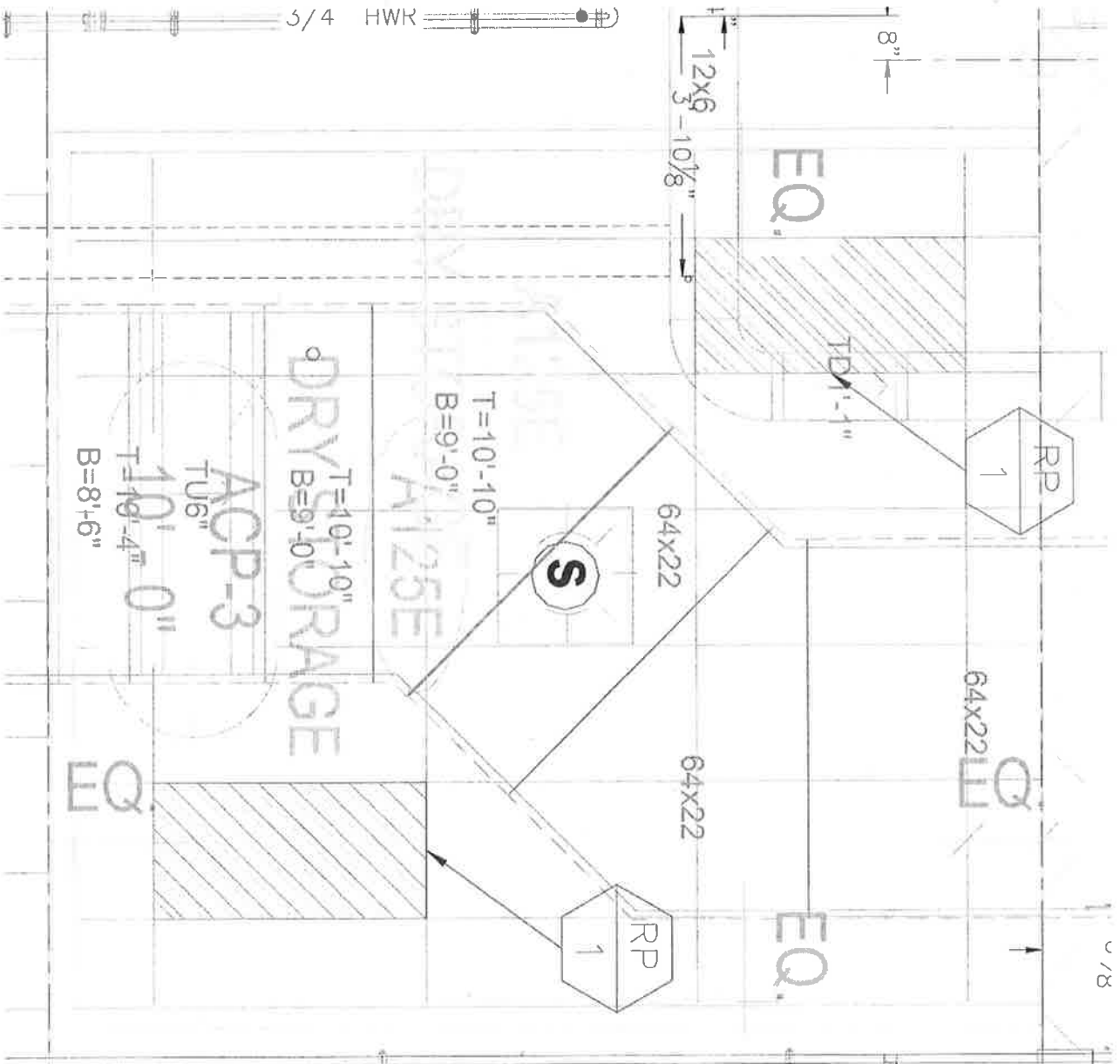
This is acceptable.

KKL 09/24/15

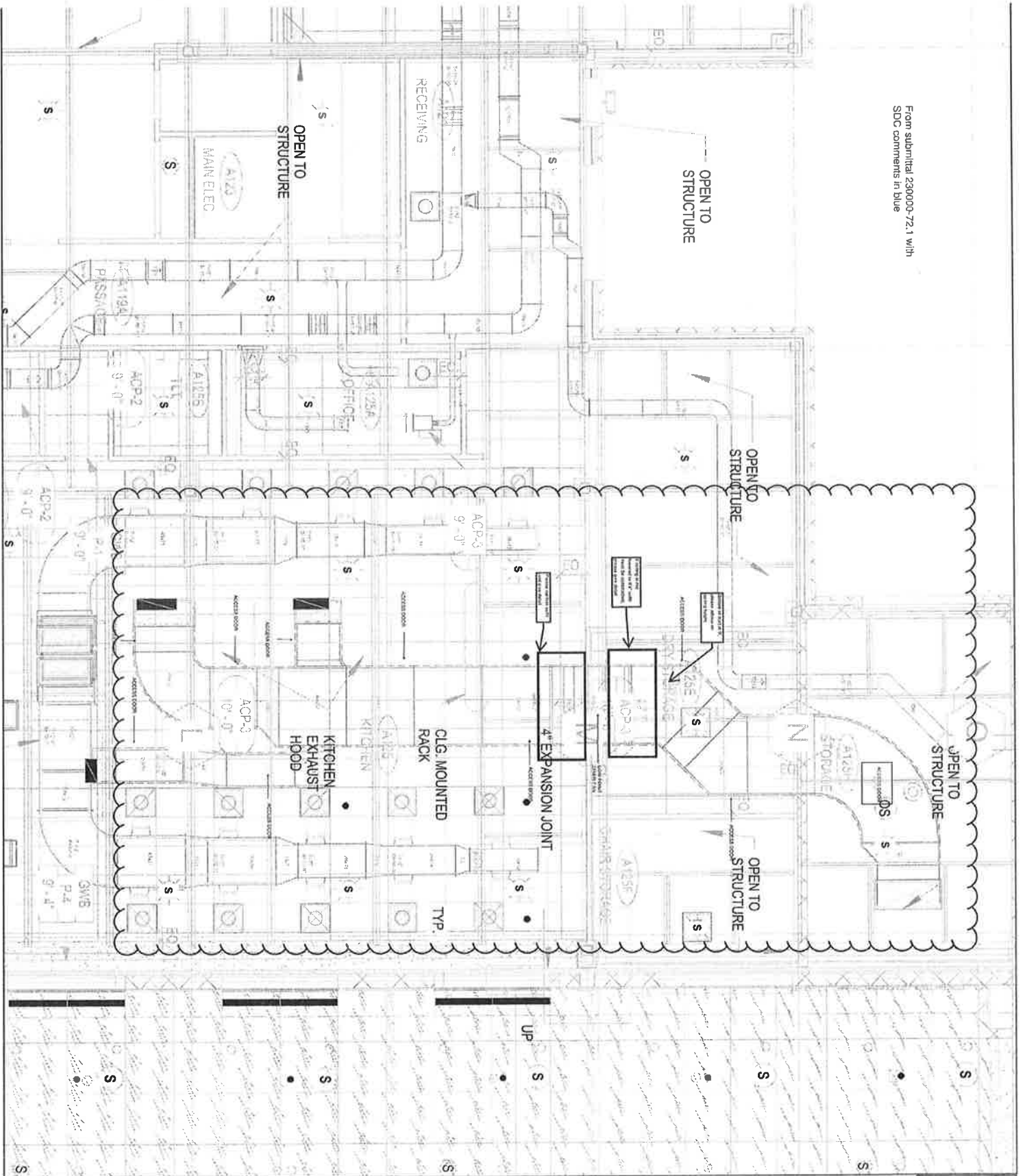
Cc: Company Name

Contact Name

From NB Kenney: Please confirm
radiant panel layout



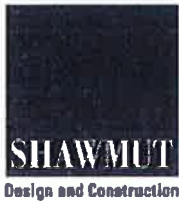
From submittal 230000-72.1 with
SDC comments in blue



Excelsior
Building - 11/1/2011
Drawing # - Kitchen



David A. Smith
P.E.
State of Michigan
No. 24587



Change Request CR086

To: William Cunniff
Joslin Lesser & Assoc
44 Pleasant Street
Watertown, MA 02472

Date: March 29, 2016
Project #: 131411
Project: MSBA - Haverhill Caleb Dustin MS

Description: Add Soffit per ASI 010; Ceiling Height Changes

Item Description	Amount
Add Soffit per ASI 010; Ceiling Height Changes	\$3,740
Fee	\$146
GL Insurance	\$30
Builder's Risk	\$7
Bond	\$29
Total:	\$3,952

Type: Lump sum proposal
Schedule Impact: This change will add 0 day(s) to the contract completion date.
Overtime: Project OT Not Required
Notes:

By: Katy Lillich, JCJ Architecture, Inc.

Date:

By: Joseph Pollock, Shawmut Design & Construction

Date:

By: William Cunniff, Joslin Lesser & Assoc

Date:

CONSTRUCTION MANAGER CHANGE ORDER SUMMARY SHEET

PROJECT#: 131411 - Hunking School
CR#: 086

DESCRIPTION: Add Soffit per ASI #10; Ceiling Height Changes

DATE: 03/29/16
REFERENCE ASI #10
CONSTRUCTION MANAGER: Shawmut Design and Construction

SECTION I - SUBCONTRACTORS		Direct Costs	Non-Direct Costs	Total Costs
Angelini Plastering, Inc.		\$ 2,926.36	\$ 813.64	\$ 3,740
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTALS		\$ 2,926.36	\$ 813.64	\$ 3,740.00

SECTION II - CM MARK-UPS			Total Costs
Subcontract Direct Costs		\$ 2,926.36	
CM Fee on Direct Costs Only	5.00%	\$ 146.00	
Subcontract Non-Direct Costs		\$ 813.64	
			\$ 3,886
General Liability Insurance	0.76%	\$ 30.00	
Builder's Risk	0.18%	\$ 7.00	
			\$ 3,923
Payment and Performance Bond	0.75%	\$ 29.00	
TOTAL CHANGE ORDER AMOUNT:			\$ 3,952

SUBCONTRACTOR CHANGE REQUEST

Caleb Dustin Hunking School		PROJ. NO.	131411	C.M.	Shawmut Design & Construction
SDC PCI NUMBER:	ASI-10	PCI DESC.	added suffix per ASI 10		
DATE:	2/11/2016				
FIRM SUBMITTING CHANGE REQUEST: Angelini Plastering Inc					

B144

CR086

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "Rate Approval Pricing Form", after its approval by the CM and Owner or the Prevailing Wage Table in the specifications.		
			Hourly Labor Rate (Base + Fringes); (Item 1 from Rate Approval Pricing Form OR Total Rate from PREVAILING WAGE RATE TABLE)	Total Labor Cost (Wages + Fringe only)	Basic Wage Rate for Ins/Taxes (Item D from Rate Approval Pricing Form, or Base Rate from PREVAILING WAGE RATE TABLE)
Carpenter	Foreman-MacLean	1.00	\$ 75.81	\$ 75.81	\$ 48.11
Carpenter	Journeyman-API	28.00	\$ 70.81	\$ 1,982.68	\$ 43.11
Taper	Foreman-Stout	8.00	\$ 72.37	\$ 578.96	\$ 44.95
Taper	Journeyman-API		\$ 69.87	\$ -	\$ 42.45
Laborer	Foreman-Delaney		\$ 57.25	\$ -	\$ 35.35
			Total Base Wages	\$ 1,614.79	
			TOTAL BASE and FRINGE DIRECT LABOR COSTS		
			\$ 2,637.45		

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
3 5/8" track	162.00	LF	\$0.43	\$ 69.66
3 5/8" stud	182.00	LF	\$0.45	\$ 81.90
X58 compound	254.00	SQFT	\$0.30	\$ 76.20
Corner bead	242.00	SQFT	\$0.10	\$ 24.20
fashers	90.00	LF	\$ 0.18	\$ 16.20
	415.00	pcs	\$ 0.05	\$ 20.75
TOTAL MATERIALS COST:				\$ 288.91

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL EQUIPMENT COST:				\$ -

G:\Caleb Dustin Hunking\Lump Sum Pricing Formats & Log\Subcontractor Change Request

SDC PCI NUMBER:	ASI-10	PCI DESC:	added split per ASI 10
DATE:	2/11/2016		

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 2,926.36

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

\$ 292.64

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above \$ 1,614.79
Insurance & Taxes Rate (30%, or as approved on "RATE APPROVAL PRICING FORM") 30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR \$ 484.44

8. **TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7) :** \$ 3,703.43

9. **TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S)** (Item 7 on attached Sub-Sub Form):

10. **** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK** (By Contract, 10% of Item 5 on attached Sub-Sub Form)

11. **TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10) :** \$ 3,703.43

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11.

1.00% x ITEM 11: \$ 37.03

13. **TOTAL CHANGE PROPOSAL AMOUNT, including bond cost** \$ 3,740.00

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.
Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.

AIA Document G710™ – 1992

Architect's Supplemental Instructions

PROJECT *(Name and address):*
Caleb Dustin Hunking School
98 Winchester St.
Haverhill MA 01835

**ARCHITECT'S SUPPLEMENTAL
INSTRUCTION NO:** 010

OWNER *(Name and address):*

City of Haverhill
4 Summer Street, Room 100
Haverhill, MA 01830

DATE OF ISSUANCE: 10/12/2015

CONTRACT FOR: General Construction

FROM ARCHITECT *(Name and
address):*

JCJ Architecture
1 State Street, Suite 900
Boston, MA 02109

CONTRACT DATE: May 14, 2013

TO CONTRACTOR *(Name and
address):*
Shawmut Design & Construction
560 Harrison Ave
Boston MA 02118

ARCHITECT'S PROJECT NUMBER:
B130200.00

OWNER: ☐
ARCHITECT: ☐
CONSULTANT: ☐
CONTRACTOR: ☐
FIELD: ☐
OTHER: ☒

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.

DESCRIPTION:

Modify ceiling in Vestibule B011A/ Corridor B012 per attached.

ATTACHMENTS:

(Here insert listing of documents that support description.)

AC-112

ISSUED BY THE ARCHITECT:


(Signature)

Katy Lillich
(Printed name and title)



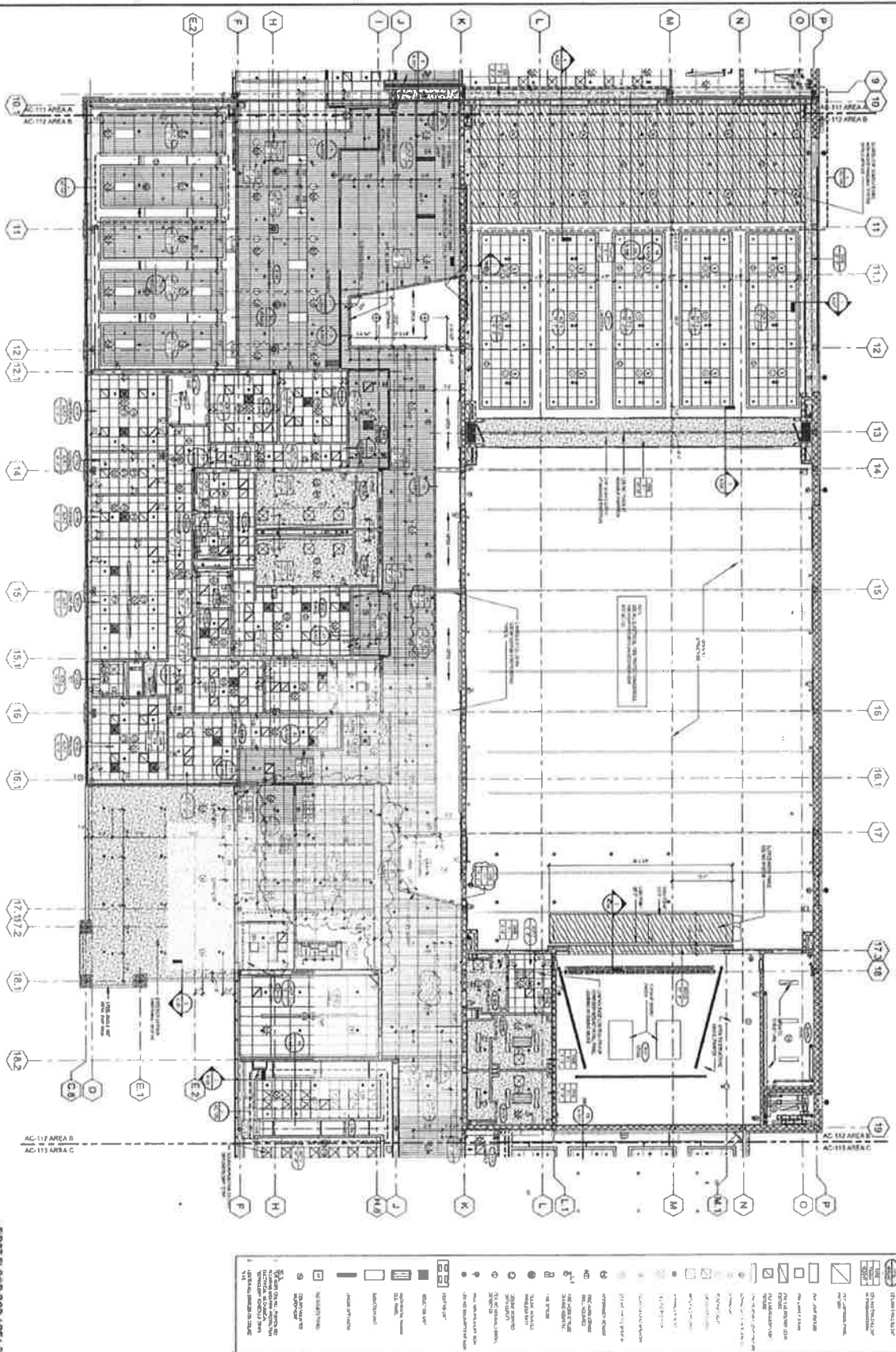
NO.	DATE	REVISION
1	10/1/01	ISSUED FOR PERMIT
2	10/1/01	ISSUED FOR PERMIT
3	10/1/01	ISSUED FOR PERMIT
4	10/1/01	ISSUED FOR PERMIT
5	10/1/01	ISSUED FOR PERMIT
6	10/1/01	ISSUED FOR PERMIT
7	10/1/01	ISSUED FOR PERMIT
8	10/1/01	ISSUED FOR PERMIT
9	10/1/01	ISSUED FOR PERMIT
10	10/1/01	ISSUED FOR PERMIT
11	10/1/01	ISSUED FOR PERMIT
12	10/1/01	ISSUED FOR PERMIT
13	10/1/01	ISSUED FOR PERMIT
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97	10/1/01	ISSUED FOR PERMIT
98	10/1/01	ISSUED FOR PERMIT
99	10/1/01	ISSUED FOR PERMIT
100	10/1/01	ISSUED FOR PERMIT



FIRST FLOOR RCP AREA B

FIRST FLOOR RCP AREA B

AC-112





Change Request CR089

To: William Cunniff
Joslin Lesser & Assoc
44 Pleasant Street
Watertown, MA 02472

Date: April 13, 2016
Project #: 131411
Project: MSBA - Haverhill Caleb Dustin MS

Description: Revise Handrails at Stairs 1, 2, 4 & 5 per CCD-15

Item Description	Amount
SMJ; Revise Handrails at Stairs 1, 2, 4 & 5 per CCD-15	\$17,353
Fee	\$658
GL Insurance	\$137
Builder's Risk	\$32
Bond	\$136
Total:	\$18,316

Type: Lump sum proposal
Schedule Impact: This change will add 0 day(s) to the contract completion date.
Overtime: Project OT Not Required
Notes:

By: William Cunniff, Joslin Lesser & Assoc

Date: 4/13/16

By: Joseph Pollock, Shawmut Design & Construction

Date: 4/13/16

By: Katy Lillich, JCJ Architecture, Inc.

Date: 4/19/16

CONSTRUCTION MANAGER CHANGE ORDER SUMMARY SHEET

PROJECT#: 131411 - Hunking School
 CR#: 089
 DESCRIPTION: Revise Handrails at Stairs 1, 2, 4 & 5 per CCD-15
 DATE: 04/13/16
 REFERENCE: CCD-15
 CONSTRUCTION MANAGER: Shawmut Design and Construction

SECTION I - SUBCONTRACTORS	Direct Costs	Non-Direct Costs	Total Costs
SMJ Metal Company, Inc.	\$ 13,159.40	\$ 4,194.02	\$ 17,353
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
TOTALS	\$ 13,159.40	\$ 4,194.02	\$ 17,353.00

SECTION II - CM MARK-UPS			Total Costs
Subcontract Direct Costs		\$ 13,159.40	
CM Fee on Direct Costs Only	5.00%	\$ 658.00	
Subcontract Non-Direct Costs		\$ 4,194.02	
			\$ 18,011
General Liability Insurance	0.76%	\$ 137.00	
Builder's Risk	0.18%	\$ 32.00	
			\$ 18,180
Payment and Performance Bond	0.75%	\$ 136.00	
			\$ 18,316
TOTAL CHANGE ORDER AMOUNT:			\$ 18,316

Painting Excluded

SMJ Metal Company, Inc

d/b/a Ralph's Blacksmith Shop

36 Smith Street
Northampton, MA 01060

P: 413-586-3535
F: 413-587-0350

CHANGE ORDER AUTHORIZATION

No. 11

Include this number on
Change order if accepted

TITLE: Directive # 15

DATE: March 17, 2016

PROJECT: Caleb Dustin Hunking School

REVISIONS:

1 _____
2 _____
3 _____
4 _____

TO: Joseph Pollock
Shawmut Design & Construction
560 Harrison Avenue
Boston, MA 02118

Phone: 617-622-7354
Fax: 617-622-8354
Email: JPollock@shawmut.com

DESCRIPTION OF CHANGE

Change handrail returns at center guardrail/handrail lower and upper landings per SK-044, SK-045, SK-046 @ Stairs 1, 2, 4 & 5

Add handrail extensions at center handrail per SK-044, SK-045, SK-046 @ Stairs 1, 2, 4 & 5

Item	Description	Qty	Unit Price	Tax Rate	Tax Amount	Net Amount
1	SUBCONTRACTOR CHANGE REQUEST FORM	1	18,824.00			18,824.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00

Total Request ~~18,824.00~~

ACCEPTANCE

Work will not commence until signed change order and/or written authorization to proceed is provided.

SMJ Metal Company, Inc. reserves its right to re-price raw material costs on any COA older than 30 days when approval to proceed is provided.

\$17,353.42
Accepted by Jeff Payne
4/13

Shawmut Design & Construction

SMJ Metal Company, Inc. d/b/a Ralph's Blacksmith

Accepted _____

Accepted _____

Date: _____

Date: March 17, 2016

C.M. Shawmut Design & Construction

Directive # 015

SAIJ METAL COMPANY INC.

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

TOTAL BASE and FRINGE DIRECT LABOR COSTS \$ 8,457.40
 (enter as a lump sum below)

(For extensive material lists, attach detailed backup and enter as a lump sum below)

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

3. EQUIPMENT: SUBCONTRACTOR:

EOJ

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup		Total
		\$ 1,500.00

Show Drawings for approval

SDC PCI NUMBER: _____
DATE: _____

PCI DESC.

Directive # 015

FIRM SUBMITTING CHANGE REQUEST:

SMJ METAL COMPANY INC.

Engineering review & Calculations for approval

\$	1,200.00
\$	
\$	
TOTAL LUMP SUM SERVICES COST: \$	
\$	2,700.00

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

10.00%

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above \$

30.00%

Insurance & Taxes Rate (30% or as approved on "RATE-APPROVAL PRICING FORM")

TOTAL COST INSURANCE AND TAXES ON LABOR

8.

TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7):

9.

TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

10.

** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)

11.

TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10):

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11:

13.

TOTAL CHANGE PROPOSAL AMOUNT, including bond cost

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.

** By Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.

AIA[®] Document G714[™] – 2007

Construction Change Directive

PROJECT: *(Name and address)*

Caleb Dustin Hunking School
98 Winchester Street
Haverhill, MA 01835

DIRECTIVE NUMBER: 015**DATE:** 03/09/ 2016**CONTRACT FOR:** General Construction**OWNER:** ☐**ARCHITECT:** ☐**CONSULTANT:** ☐**CONTRACTOR:** ☐**FIELD:** ☐**OTHER:** ☐**TO CONTRACTOR:** *(Name and address)*

Shawmut Design & Construction
560 Harrison Avenue
Boston, MA 02118

CONTRACT DATED: May 14, 2013**ARCHITECT'S PROJECT NUMBER:**
B130200.00

You are hereby directed to make the following change(s) in this Contract:
(Describe briefly any proposed changes or list any attached information in the alternative)

Modify handrails in stairs 1, 2, 4 and 5 per attached sketches SK-044, SK-045 & SK-046.

PROPOSED ADJUSTMENTS

1. The proposed basis of adjustment to the Contract Sum or Guaranteed Maximum Price is:

☐ • Lump Sum decrease of \$0.00

☐ • Unit Price of \$ per

☒ • As provided in Section 7.3.3 of AIA Document A201-2007

☐ • As follows:

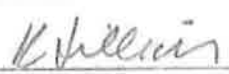
2. The Contract Time is proposed to (remain unchanged). The proposed adjustment, if any, is 0 days.

When signed by the Owner and Architect and received by the Contractor, this document becomes effective IMMEDIATELY as a Construction Change Directive (CCD), and the Contractor shall proceed with the change(s) described above.

Contractor signature indicates agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this CCD.

JCJ Architecture**ARCHITECT** *(Firm name)*

One State Street, Suite 900
Boston, MA 02109

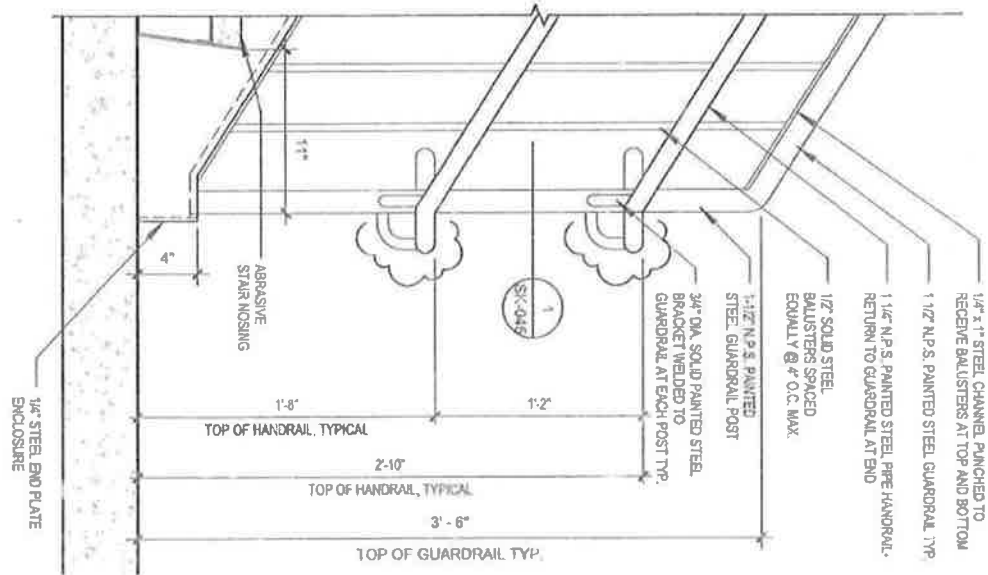
ADDRESS
BY *(Signature)*Katy Lillich*(Typed name)*3.9.16
DATECity of Haverhill**OWNER** *(Firm name)*

Four Summer Street, Room 100
Haverhill, MA 01830

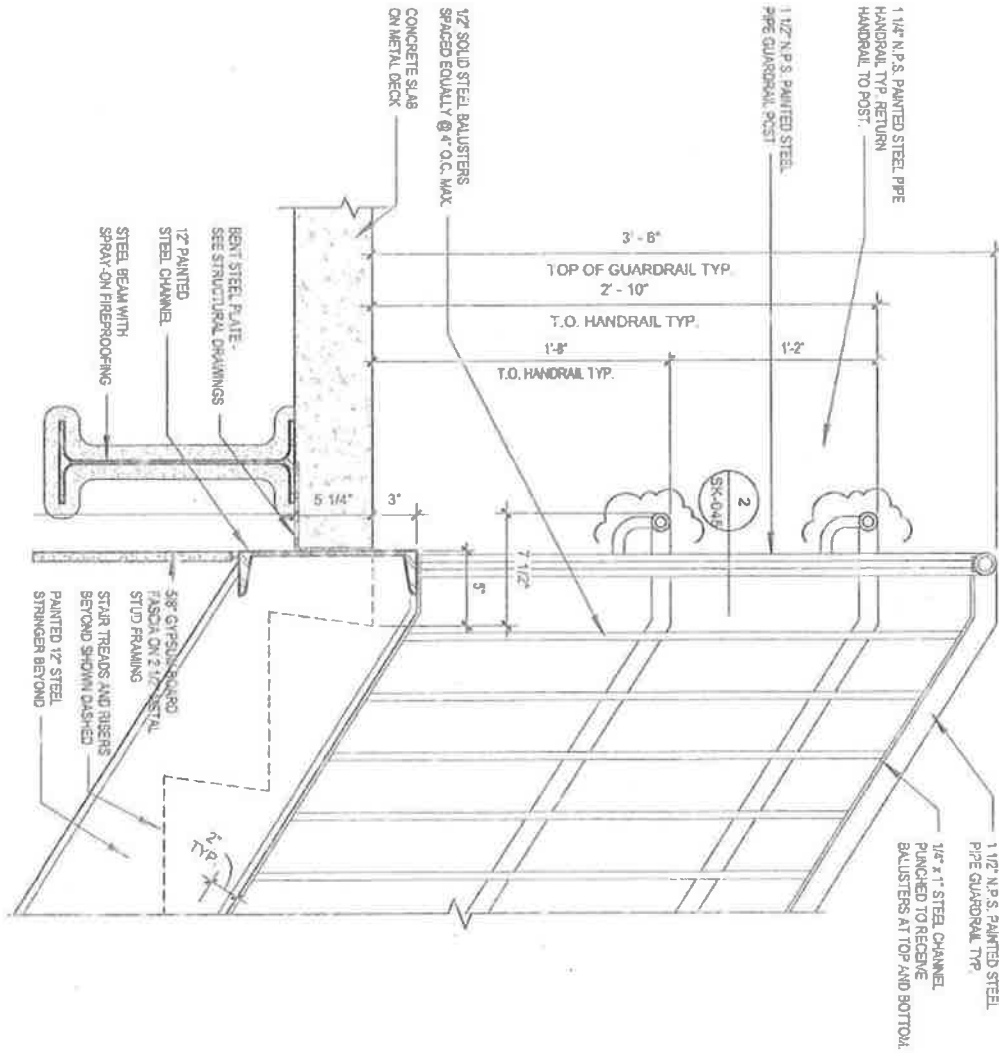
ADDRESS
BY *(Signature)*
(Typed name)
DATEShawmut Design & Construction**CONTRACTOR** *(Firm name)*

560 Harrison Avenue
Boston, MA 02118

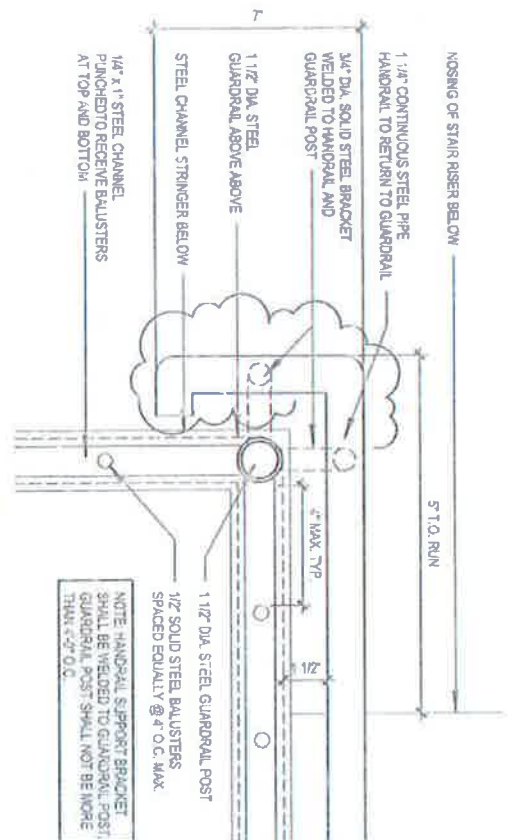
ADDRESS
BY *(Signature)*
(Typed name)
DATE



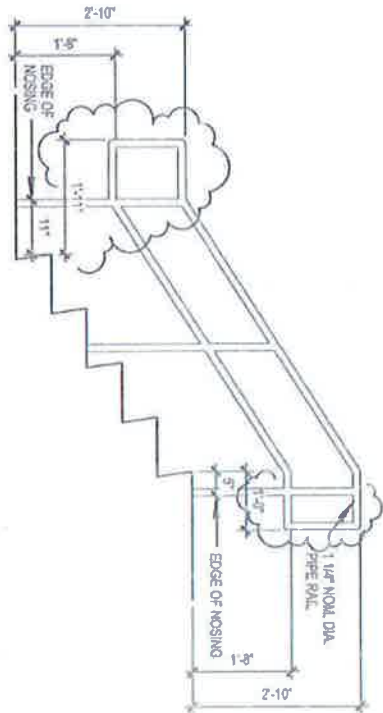
2 STAIR DETAIL @ LOWER LANDING, TYPICAL
 1 1/2" = 1'-0"



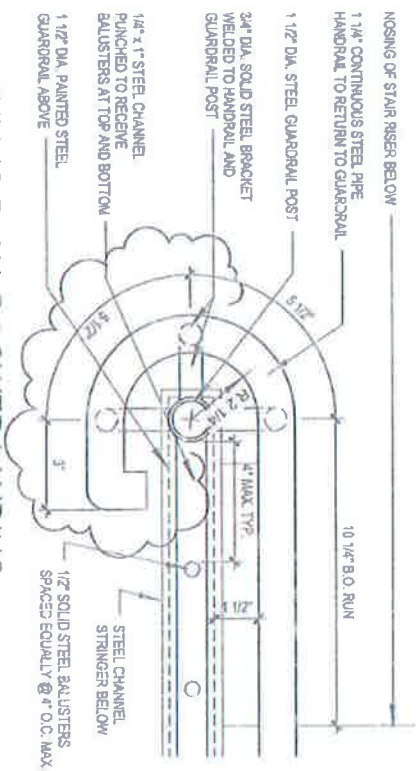
1 STAIR DETAIL @ UPPER LANDING AT RAILING
 1 1/2" = 1'-0"



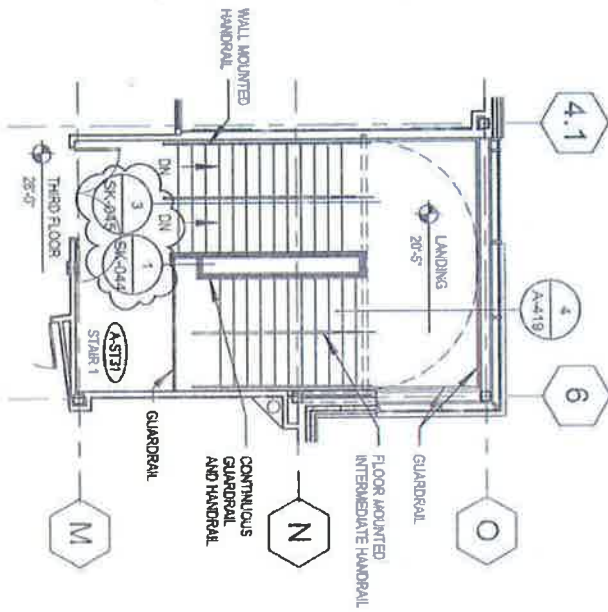
2 RAILING PLAN @ UPPER LANDING
3\"/>



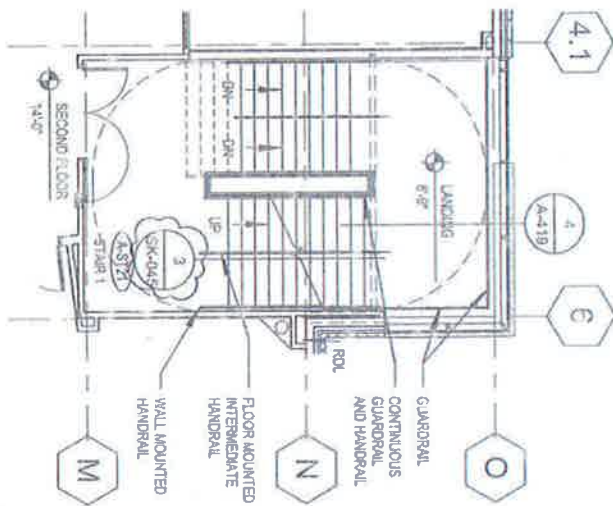
3 TYPICAL INTERMEDIATE HANDRAIL LAYOUT
1 1/2\"/>



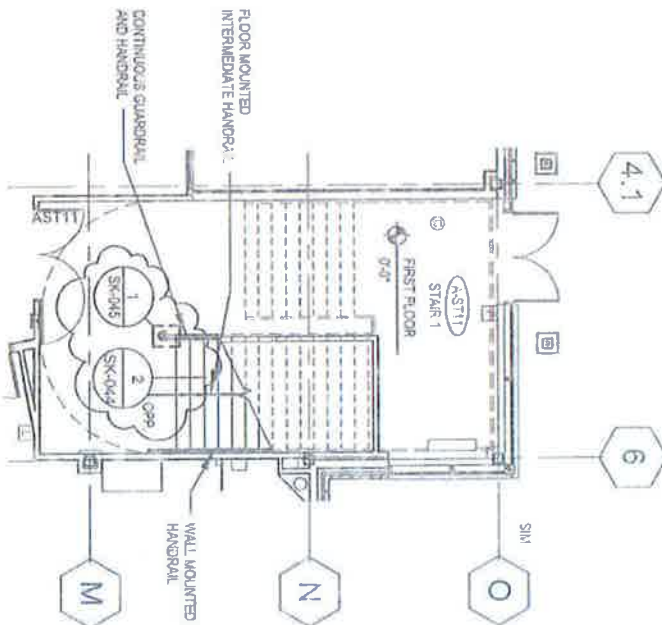
1 RAILING PLAN @ LOWER LANDING
3\"/>



3 STAIR 1 - THIRD FLOOR PLAN
1/8" = 1'-0"



2 STAIR 1 - SECOND FLOOR PLAN
1/8" = 1'-0"



1 STAIR 1 - FIRST FLOOR PLAN
1/8" = 1'-0"



Change Request CR096

To: William Cunniff
Joslin Lesser & Assoc
44 Pleasant Street
Watertown, MA 02472

Date: March 29, 2016
Project #: 131411
Project: MSBA - Haverhill Caleb Dustin MS

Description: Add Hard Ceiling In Elevator Machine Room Per RFI 315R1

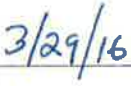
Item Description	Amount
Add Hard Ceiling In Elevator Machine Room Per RFI 315R1	\$2,693
Fee	\$104
GL Insurance	\$21
Builder's Risk	\$5
Bond	\$21
Total:	\$2,844

Type: Lump sum proposal
Schedule Impact: This change will add 0 day(s) to the contract completion date
Overtime: Project OT Not Required
Notes:

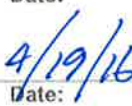

By: Katy Lillich, JCJ Architecture, Inc.


Date: 4.19.16


By: Joseph Pollock, Shawmut Design & Construction


Date: 3/29/16


By: William Cunniff, Joslin Lesser & Assoc


Date: 4/19/16

CONSTRUCTION MANAGER CHANGE ORDER SUMMARY SHEET

PROJECT#: 131411 - Hunking School
CR#: 096
DESCRIPTION: Add Ceilings to the Elevator Machine Rooms
DATE: 03/29/16
REFERENCE: RFI #315R1
CONSTRUCTION MANAGER: Shawmut Design and Construction

SECTION I - SUBCONTRACTORS	Direct Costs	Non-Direct Costs	Total Costs
Angelini Plastering, Inc.	\$ 2,088.66	\$ 604.34	\$ 2,693
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
TOTALS	\$ 2,088.66	\$ 604.34	\$ 2,693.00

SECTION II - CM MARK-UPS			Total Costs
Subcontract Direct Costs		\$ 2,088.66	
CM Fee on Direct Costs Only	5.00%	\$ 104.00	
Subcontract Non-Direct Costs		\$ 604.34	
			\$ 2,797
General Liability Insurance	0.76%	\$ 21.00	
Builder's Risk	0.18%	\$ 5.00	
			\$ 2,823
Payment and Performance Bond	0.75%	\$ 21.00	
TOTAL CHANGE ORDER AMOUNT:			\$ 2,844

SUBCONTRACTOR CHANGE REQUESTLower-tier Subs, Use SUB-
SUBCONTRACTOR Form, NOT this
formRFI-315-RI
315R1

Caleb Dustin Hunking School

PROJ. NO.

131411

C.M. Shawmut Design & Construction

SDC PCI NUMBER: RFI-315-RI
DATE: 3/28/2016

PCI DESC. Added ceiling to Rm A212B and 134B

FIRM SUBMITTING CHANGE REQUEST:

Angellini Plastering Inc

CRO96

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "Rate Approval Pricing Form", after its approval by the CM and Owner or the Prevailing Wage Table in the specifications.		
			Hourly Labor Rate (Base + Fringe); (Item I from Rate Approval Pricing Form OR Total Rate from PREVAILING WAGE RATE TABLE)	Total Labor Cost (Wages + Fringe only)	Total Labor Cost (Wages + Fringe only)
Carpenter	Foreman-MacLean	2.00	\$ 76.86	\$ 153.72	\$ 153.72
Carpenter	Journeyman-API	16.00	\$ 71.86	\$ 1,149.76	\$ 1,149.76
Taper	Foreman-Strout	8.00	\$ 72.37	\$ 578.96	\$ 578.96
Taper	Journeyman-API		\$ 69.87	\$ 42.45	\$ -
Laborer	Foreman-Delaney	2.00	\$ 57.25	\$ 114.50	\$ 114.50
			Total Base Wages	\$ 1,230.86	
			TOTAL BASE and FRINGE DIRECT LABOR COSTS		
			\$ 1,996.94		

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
Track	20.00	lf	\$0.43	\$ 8.60
Studs	74.00	lf	\$0.45	\$ 33.30
insulation	0.00	sqft	\$0.22	\$ -
x58 drywall	102.00	sqft	\$0.31	\$ 31.62
sound caulking	0.00	lf	\$ 2.25	\$ -
fasteners	160.00	pcs	\$ 0.05	\$ 8.00
LV-4	102.00	sqft	\$ 0.10	\$ 10.20
TOTAL MATERIALS COST:				\$ 91.72

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL EQUIPMENT COST:				\$ -

G:\Caleb Dustin Hunking\Lump Sum Pricing Formats & Log\Subcontractor Change Request Form

SDC PCI NUMBER: RFI-351-R1
DATE: 3/28/2016

PCI DESC. Added ceiling in Rm A112B and 134B

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 2,088.66

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

\$ 208.87

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above \$ 1,230.86
Insurance & Taxes Rate (30%, or as approved on "RATE APPROVAL PRICING FORM") 30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR \$ 369.26

8. **TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7) :** \$ 2,666.78

9. **TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S)** (Item 7 on attached Sub-Sub Form):

10. **** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK** (By Contract, 10% of Item 5 on attached Sub-Sub Form)

11. **TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10) :** \$ 2,666.78

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11:

1.00% x ITEM 11: \$ 26.67

13. **TOTAL CHANGE PROPOSAL AMOUNT, including bond cost** \$ 2,693.00

Additional Notes:

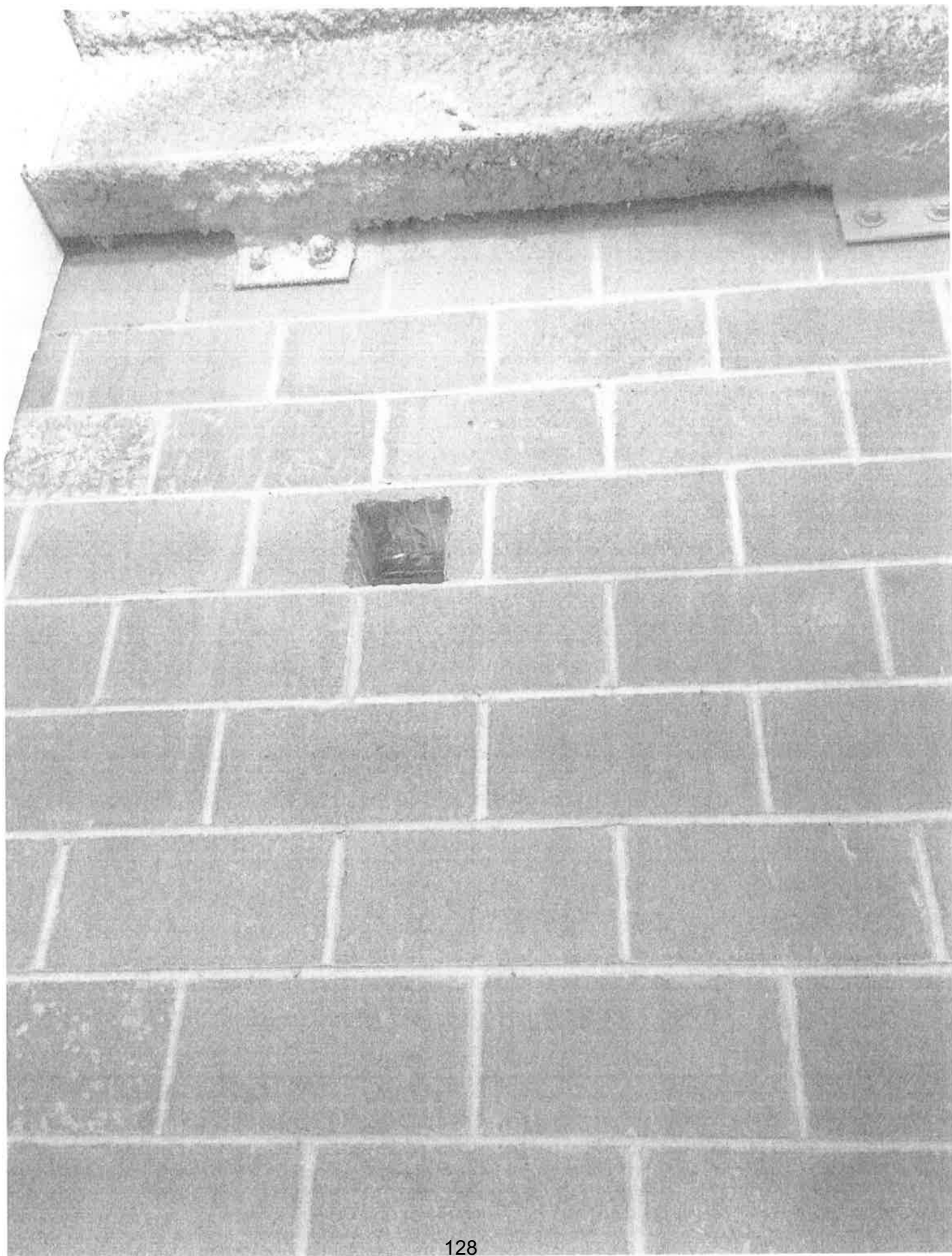
Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.
Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.



Request for Information RFI315R1

Project # 131411
MSBA - Haverhill Caleb Dustin MS

RFI #: RFI315R1		Date Created: March 21, 2016	
To: Katy Lillich JCJ Architecture, Inc. 1 State Street Boston MA, 02109		From: Andrew LaRosa Shawmut Design & Construction 560 Harrison Avenue Boston MA, 02118	
Subject Elevator Machine Room Vent Height		Source	
Cost Impact Potentially	Amount \$TBD	Schedule Impact Potentially	Days TBD
Question Please see the following from the elevator contractor: "The vent for the elevator machine room is currently much lower than the highest point of the machine room. In our past experience, the elevator inspector is looking for the machine room vent to be as close to the top of the machine room ceiling as possible (so that smoke/etc will vent out of the machine room properly). If the machine room vent is not as close as possible to the ceiling, he may not pass the elevator during inspection. We recommend adjusting this now to avoid any potential issues during the elevator inspection. One possible method to achieve this is to install a hard ceiling to bring the 'ceiling' level down to the vent height." Please see the attached response to RFI 315 and a picture from room C134B. RFI 315 added a hard ceiling to the elevator machine room (room A212B). Please confirm it is acceptable to add a hard ceiling in room C134B as the same situation occurs.		Date Required: March 28, 2016	
Suggestion			
Answer This is acceptable. KKL 03/21/16		Date Answered:	
Cc: Company Name		Contact Name	





Request for Information RFI315

Project # 131411
MSBA - Haverhill Caleb Dustin MS

RFI #: RFI315

Date Created: March 14, 2016

To:

Katy Lillich
JCJ Architecture, Inc.
1 State Street
Boston MA, 02109

From:

Andrew LaRosa
Shawmut Design & Construction
560 Harrison Avenue
Boston MA, 02118

Subject

Elevator Machine Room Vent Height

Source

Cost Impact

Potentially

Amount

\$TBD

Schedule Impact

Potentially

Days

TBD

Question

Please see the following RFI from the elevator contractor:

Date Required:

March 21, 2016

"The vent for the elevator machine room is currently much lower than the highest point of the machine room. In our past experience, the elevator inspector is looking for the machine room vent to be as close to the top of the machine room ceiling as possible (so that smoke/etc will vent out of the machine room properly). If the machine room vent is not as close as possible to the ceiling, he may not pass the elevator during inspection. We recommend adjusting this now to avoid any potential issues during the elevator inspection. One possible method to achieve this is to install a hard ceiling to bring the 'ceiling' level down to the vent height."

From SDC: Please advise if it is acceptable to install a hard ceiling in the elevator machine room (Room A212B) as suggested above.

Suggestion

Answer

This is acceptable.
KKL 03/18/16

Date Answered:

Cc: Company Name

Contact Name



Change Request CR098

To: William Cunniff
Joslin Lesser & Assoc
44 Pleasant Street
Watertown, MA 02472

Date: April 13, 2016
Project #: 131411
Project: MSBA - Haverhill Caleb Dustin MS

Description: Add Closers at 15 Doors per PR-27

Item Description	Amount
Galeno; Add Closers at 15 Doors	\$5,247
Angelini; Add Closers at 15 Doors	\$4,525
Fee	\$414
GL Insurance	\$77
Builder's Risk	\$18
Bond	\$77
Total:	\$10,358

Type: Lump sum proposal
Schedule Impact: This change will add 0 day(s) to the contract completion date.
Overtime: Project OT Not Required
Notes:

By: Katy Lillich, JCJ Architecture, Inc.	Date: 4.19.16
By: Joseph Pollock, Shawmut Design & Construction	Date: 4/13/16
By: William Cunniff, Joslin Lesser & Assoc	Date: 4/19/16

CONSTRUCTION MANAGER CHANGE ORDER SUMMARY SHEET

PROJECT#: 131411 - Hunking School
CR#: 098
DESCRIPTION: Add Closers at 15 Doors per PR-27
DATE: 04/13/16
REFERENCE: PR-27
CONSTRUCTION MANAGER: Shawmut Design and Construction

SECTION I - SUBCONTRACTORS	Direct Costs	Non-Direct Costs	Total Costs
Galeno & Associates	\$ 4,770.00	\$ 477.00	\$ 5,247
Angelini Plastering Inc	\$ 3,505.40	\$ 1,019.60	\$ 4,525
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
TOTALS	\$ 8,275.40	\$ 1,496.60	\$ 9,772.00

SECTION II - CM MARK-UPS			Total Costs
Subcontract Direct Costs		\$ 8,275.40	
CM Fee on Direct Costs Only	5.00%	\$ 414.00	
Subcontract Non-Direct Costs		\$ 1,496.60	
			\$ 10,186
General Liability Insurance	0.76%	\$ 77.00	
Builder's Risk	0.18%	\$ 18.00	
			\$ 10,281
Payment and Performance Bond	0.75%	\$ 77.00	
TOTAL CHANGE ORDER AMOUNT:			\$ 10,358

CR098

Galeno & Associates, Inc.

63 Eastman Street

P.O. Box 1157

So. Easton, Ma. 02384 - 1157

Tel: 508-238-5083

Fax: 508-238-5028

3-23-16

Shawmut Design & Construction

Re: Caleb Dustin Hunking School - Haverhill

Change order proposal:

PER PR NO: 027

ADD CLOSERS OPENINGS # A103C, A103D, A105, C142, C144, C155, C157, A203, A203C, A205, A207, A303, A303C, A305 AND A307.

15 CLOSERS 4040XP REG X 689

= \$ 318/cu

MATERIAL COST \$ 4,770.00

10% O & P

\$ 477.00

TOTAL \$ 5,247.00 DELIVERED.


Quoted By: Allen Matthews

A written purchase order is required for release of materials:

Lower-tier Subs, Use SUB-SUBCONTRACTOR Form, NOT this form

FIRM SUBMITTING CHANGE REQUEST:		Gibson Asphalt	
SDC PCI NUMBER:		PCI DESC.	
DATE:		PR. 027	
PROJ. NO.		C.M.L.	
		Shawmut Design & Construction	

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form, after its approval by the CM and Owner				Total Direct Labor Cost
			Total Hourly Labor Costs (Item 1 from Wage Approval Sheet)	Total Base Cost + Fringe	Wages	Base Wage Rate for Ins/Taxes (Item D from Wage Approval Sheet)	
				\$	-		\$
				\$	-		\$
				\$	-		\$
				\$	-		\$
				\$	-		\$
				\$	-		\$
				Total Base Wages		\$	\$
TOTAL BASE AND FRINGE DIRECT LABOR COSTS							\$

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
Clothes	15		\$	\$ 470
			\$	\$
			\$	\$
			\$	\$
			\$	\$
			\$	\$
			\$	\$
			\$	\$
TOTAL MATERIALS COST:			\$ 470	\$

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
			\$	\$
			\$	\$
			\$	\$
			\$	\$
TOTAL EQUIPMENT COST:			\$	\$

SDC PCI NUMBER:
 DATE:

PCI DESC:

Pr. No: 027

FIRM SUBMITTING CHANGE REQUEST:

Galeano Assoc

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
N/A	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ -

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

\$ 477.00

10.00%

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above: \$ -
Insurance & Taxes Rate (12%, or as approved on "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form)

TOTAL COST INSURANCE AND TAXES ON LABOR \$ -

8.

TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7): \$ -

9.

TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

10.

** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)

11.

TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10): \$ -

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11.

13.

TOTAL CHANGE PROPOSAL AMOUNT, including bond cost \$ 5,247.00

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.

** By Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.

9-3-13 Version, revised 8.25.2015

SUBCONTRACTOR CHANGE REQUEST

Lower-tier Subs, Use SUB-SUBCONTRACTOR Form, NOT this form

Caleb Dustin Hunking School		PROJ. NO. 131411	C.M. Shawmut Design & Construction
SDC PCI NUMBER: PR-27	PCI DESC. Add 13 door closers install		
DATE: 4/8/2016			
FIRM SUBMITTING CHANGE REQUEST: Angelini Plastering Inc			

CR097

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates

If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "Rate Approval Pricing Form", after its approval by the CM and Owner or the Prevailing Wage Table in the specifications.			Total Labor Cost (Wages + Fringe only)	Total Labor Cost (Wages + Fringe only)
			Hourly Labor Rate (Base + Fringe) (Item 1 from Rate Approval Pricing Form, OR Total Rate from PREVAILING WAGE RATE TABLE)		Base Wage Rate for Ins/Taxes (Item 2 from Rate Approval Pricing Form, or Base Rate from PREVAILING WAGE RATE TABLE)		
Carpenter	Foreman-MacLean	8.00	\$ 76.56	\$ 614.88	\$ 48.92	\$ 614.88	
Carpenter	Journeyman-API	32.00	\$ 71.86	\$ 2,299.52	\$ 43.92	\$ 2,299.52	
Taper	Foreman-Sirost		\$ 72.37	\$ -	\$ 44.95	\$ -	
Taper	Journeyman-API		\$ 69.87	\$ -	\$ 42.45	\$ -	
Laborer	Foreman-Delaney	8.00	\$ 57.25	\$ 458.00	\$ 35.35	\$ 458.00	
				Total Base Wages	\$ 2,079.60		
				TOTAL BASE and FRINGE DIRECT LABOR COSTS		\$ 3,372.40	

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
Track				\$ -
Studs				\$ -
Insulation				\$ -
1/2" drywall				\$ -
sound caulking				\$ -
fasteners	140.00	pcs	\$ 0.95	\$ 133.00
LV-4				\$ -
TOTAL MATERIALS COST:				\$ 133.00

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL EQUIPMENT COST:				\$ -

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 3,505.40

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

10.00% \$ 350.54

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above

\$ 2,079.60

Insurance & Taxes Rate (30%, or as approved on "RATE APPROVAL PRICING FORM")

30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR \$ 623.88**8. TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7):** \$ 4,479.82**9. TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):****10. ** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)****11. TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10):** \$ 4,479.82**12. SUBCONTRACTOR BOND**

Approved bond premium percentage x item 11:

1.00%

x ITEM 11:

\$ 44.80

13. TOTAL CHANGE PROPOSAL AMOUNT, including bond cost \$ 4,515.00

Additional Notes:

--

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.

Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.

AIA[®] Document G709[™] – 2001

Work Changes Proposal Request

PROJECT *(Name and address):*
Caleb Dustin Hunking School
98 Winchester Street
Haverhill, MA 01835

PROPOSAL REQUEST NUMBER: 027

DATE OF ISSUANCE: 03/16/2016

OWNER: ☐

ARCHITECT: ☐

CONSULTANT: ☐

CONTRACTOR: ☐

FIELD: ☐

OTHER: ☐

OWNER *(Name and address):*
City of Haverhill
Four Summer Street, Room 100
Haverhill, MA 01830

CONTRACT FOR: General Construction

CONTRACT DATE: May 14, 2013

FROM ARCHITECT *(Name and address):*
JCJ Architecture
One State Street, Suite 900
Boston, MA 02109

ARCHITECT'S PROJECT NUMBER:
B130200.00

TO CONTRACTOR *(Name and address):*
Shawmut Design & Construction
560 Harrison Avenue
Boston, MA 02118

Please submit an itemized proposal for changes in the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. Within Zero (0) days, the Contractor must submit this proposal or notify the Architect, in writing, of the date on which proposal submission is anticipated.

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

DESCRIPTION *(Insert a written description of the Work):*

Provide price to add parallel arm overhead closers to the following doors:
A103C, A103D, A105, C142, C144, C155, C157, A203, A203C, A205, A207, A303, A303C, A305, A307.

ATTACHMENTS *(List attached documents that support description):*

n/a

REQUESTED BY THE ARCHITECT:



(Signature)

Katy Lillich

(Printed name and title)



Change Request CR102

To: William Cunniff
Joslin Lesser & Assoc
44 Pleasant Street
Watertown, MA 02472

Date: April 7, 2016
Project #: 131411
Project: MSBA - Haverhill Caleb Dustin MS

Description: Add Door in Admin office per CCD 016

Item Description	Amount
Drywall; Add Door in Admin office per CCD 016	\$1,825
Doors Frame Hardware; Add Door in Admin office per CCD 016	\$2,605
Painting; Add Door in Admin office per CCD 016	\$197
A&G; Add Door in Admin office per CCD 016	\$898
Fee	\$232
GL Insurance	\$44
Builder's Risk	\$10
Bond	\$44
Total:	\$5,855

Type: Lump sum proposal
Schedule Impact: This change will add 0 day(s) to the contract completion date.
Overtime: Project Overtime TBD
Notes:

By: William Cunniff, Joslin Lesser & Assoc

Date: 4/19/16

By: Joseph Pollock, Shawmut Design & Construction

Date: 4/7/16

By: Katy Lillich, JCJ Architecture, Inc.

Date: 4.19.16

CONSTRUCTION MANAGER CHANGE ORDER SUMMARY SHEET

PROJECT#: 131411 - Hunking School
CR#: 102
DESCRIPTION: Add Wall and Door in Admin Area per CCD-16
DATE: 04/07/16
REFERENCE: CCD-16
CONSTRUCTION MANAGER: Shawmut Design and Construction

SECTION I - SUBCONTRACTORS	Direct Costs	Non-Direct Costs	Total Costs
Angelini, Inc	\$ 1,416.50	\$ 408.50	\$ 1,825
Galeno & Associates, Inc.	\$ 2,368.00	\$ 236.80	\$ 2,605
Aluminum & Glass Concepts, Inc.	\$ 706.79	\$ 191.21	\$ 898
King Painting Inc	\$ 140.92	\$ 56.08	\$ 197
			\$ -
			\$ -
			\$ -
			\$ -
TOTALS	\$ 4,632.21	\$ 892.59	\$ 5,525.00

SECTION II - CM MARK-UPS			Total Costs
Subcontract Direct Costs		\$ 4,632.21	
CM Fee on Direct Costs Only	5.00%	\$ 232.00	
Subcontract Non-Direct Costs		\$ 892.59	
			\$ 5,757
General Liability Insurance	0.76%	\$ 44.00	
Builder's Risk	0.18%	\$ 10.00	
			\$ 5,811
Payment and Performance Bond	0.75%	\$ 44.00	
TOTAL CHANGE ORDER AMOUNT:			\$ 5,855

SUBCONTRACTOR CHANGE REQUEST

Caleb Dustin Hunking School		PROJ. NO.	131411	C.M.	Shawmut Design & Construction
SDC PCI NUMBER:	CCD-16	PCI DESC.			
DATE:	3/14/2016	Added wall and door frame per SK-18 door and hardware			
FIRM SUBMITTING CHANGE REQUEST: Angelini Plastering Inc					

CR102

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "Rate Approval Pricing Form", after its approval by the CM and Owner or the Prevailing Wage Table in the specifications.			Total Labor Cost (Wages + Fringe only)
			Hourly Labor Rate (Base + Fringes); (Item I from Rate Approval Pricing Form OR Total Rate from PREVAILING WAGE RATE TABLE)	Total Labor Cost (Wages + Fringe only)	Base Wage Rate for Ins/Taxes (Item D from Rate Approval Pricing Form, or Base Rate from PREVAILING WAGE RATE TABLE)	
Carpenter	Foreman-MacLean	2.00	\$ 76.86	\$ 153.72	\$ 48.92	\$ 153.72
Carpenter	Journeyman-API	12.00	\$ 71.86	\$ 862.32	\$ 43.92	\$ 862.32
Taper	Foreman-Strout	3.00	\$ 72.37	\$ 217.11	\$ 44.95	\$ 217.11
Taper	Journeyman-API		\$ 69.87	\$ -	\$ 42.45	\$ -
Laborer	Foreman-Delaney	2.00	\$ 57.25	\$ 114.50	\$ 35.35	\$ 114.50
Total Base Wages			\$ 830.43		\$	
TOTAL BASE AND FRINGE DIRECT LABOR COSTS			\$		\$ 1,347.65	

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
Track	10.00	lf	\$0.43	\$ 4.30
Studs	25.00	lf	\$0.45	\$ 11.25
insulation	20.00	sqft	\$0.22	\$ 4.40
x38 drywall	40.00	sqft	\$0.31	\$ 12.40
sound caulking	10.00	lf	\$ 2.25	\$ 22.50
fasteners	280.00	pcs	\$ 0.05	\$ 14.00
TOTAL MATERIALS COST:			\$ 68.85	

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty	Unit	Cost Per Unit	Total
				\$ -
				\$ -
				\$ -
TOTAL EQUIPMENT COST:			\$ -	

C:\Users\jcloutier\Desktop\CCD-16.pdf

SDC PCI NUMBER: **CCD-16**
DATE: **3/14/2016**

PCI DESC. **Added wall and door frame per SK-48 door and hardware**

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 1,416.50

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

10.00%

\$ 141.65

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above \$ 830.43
Insurance & Taxes Rate (30%, or as approved on "RATE APPROVAL PRICING FORM") 30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR

\$ 249.13

8. TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7):

\$ 1,807.28

9. TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

10. ** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)

11. TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10):

\$ 1,807.28

12. SUBCONTRACTOR BOND
Approved bond premium percentage x item 11.

1.00% x ITEM 11:

\$ 18.07

13. TOTAL CHANGE PROPOSAL AMOUNT, including bond cost

\$ 1,825.00

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.
Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.

CR102

Galeno & Associates, Inc.

83 Eastman Street

P.O. Box 1157

So. Easton, Ma. 02334 - 1157

Tel: 508-238-5083

Fax: 508-238-5028

3-23-16

Shawmut Design & Construction

Re: Caleb Dustin Hunking School - Haverhill

Change order proposal:

ADDED OPENING # B130C PER CCD-016 -- SK-048

1 HOLLOW METAL CUSTOM TYPE 7 FRAME

\$ 1,009.00

FREIGHT

\$ 330.00

1 WOOD DOOR TYPE WD3 FACTORY FINISHED MAPLE

\$ 467.00

3 HINGES 5BB1 4-1/2 X 4-1/2 626

\$ 90.00

1 MORTISE LOCK L9070R 03B 626

\$ 468.00

1 WALL STOP WS407

\$ 4.00

MATERIAL COST \$ 2,368.00

10% O & P \$ 236.80

TOTAL \$ 2,604.80 DELIVERED.

ALLOW 5 WEEKS FOR DELIVERY AFTER RELEASE OF ORDER.



Quoted By: Allen Matthews

A written purchase order is required for release of materials:

Lower-tier Subs. Use SUB-SUBCONTRACTOR Form, NOT this form.

PROJ. NO.	CD-016	C.M.	Shawmut Design & Construction
SDC PCI NUMBER:			
DATE:			
FIRM SUBMITTING CHANGE REQUEST:	GRAND ASSOCIATES		

1. **DIRECT LABOR:** SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates

If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form, after its approval by the CM and Owner			Total Direct Labor Cost
			Total Hourly Labor Costs (Item I from Wage Approval Sheet)	Total Base Cost + Fringe	Base Wage Rate for Ins/Pates (Item D from Wage Approval Sheet)	
				\$ -	\$	\$ -
				\$ -	\$	\$ -
		12 1/2		\$ -	\$	\$ -
				\$ -	\$	\$ -
				\$ -	\$	\$ -
				Total Base Wages	\$	\$ -
TOTAL BASE and FRINGE DIRECT LABOR COSTS						\$ -

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below.)

Material Description	Qty	Unit	Cost Per Unit	Total
Type 7 Hollow Metal Frame				\$ 1,009. ⁰⁰
Freight				\$ 330. ⁰⁰
Wood				\$ 467. ⁰⁰
Hinges				\$ 90. ⁰⁰
Masterpiece Lock				\$ 468. ⁰⁰
Strip				\$ 4. ⁰⁰
				\$
TOTAL MATERIALS COST:				\$ 2,368. ⁰⁰

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below.)

Equipment Description	Qty	Unit	Cost Per Unit	Total
N/A			\$	\$
			\$	\$
			\$	\$
			\$	\$
TOTAL EQUIPMENT COST:			\$	\$

SIC PCI NUMBER:
 DATE:

PCI DESC:

CLD-016

FIRM SUBMITTING CHANGE REQUEST: GAVENO ASSOC

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ -

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

\$ 736.00

10.00%

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Insurance & Taxes Rate (1.2%, or as approved on "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form)
 Total Base Wages Subject to Insurance and Taxes from Item 1 above \$ -

TOTAL COST INSURANCE AND TAXES ON LABOR \$ -

8. TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7):

\$ -

9. TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

\$ -

10. ** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)

\$ -

11. TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10):

\$ -

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11.

\$ -

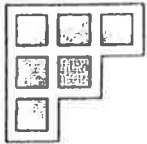
13. TOTAL CHANGE PROPOSAL AMOUNT, including bond cost

\$ 2,604.80

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.

** By Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.



CR102

Aluminum & Glass Concepts, Inc

March 25, 2016

- Custom Skylights
- Storefronts
- Windows

Shawmut Design and Construction
560 Harrison Avenue
Boston, MA 02118

ATTN: Joseph Pollock

RE: Caleb Dustin Hunking School
CCD # 16

Per request of Architect through CCD #16, add glass at new door and frame (Door B130C). Breakdown is as follows.

Material

1/2" Clear Tempered Glass - 14.7 Sq. Ft. x 5.78 per Sq. Ft. -----	84.97
Polishing - 106 Inches x .14 per Inch -----	14.84

1/4" Clear Tempered Glass	
16.3 Sq. Ft x 2.48 per Sq. Ft. -----	40.42

Labor

Glazier - 8 Hours @ \$70.82 per Hour -----	566.56
	706.79

10% O & P	70.68
	777.47

30% Insurance & Taxes on Direct Labor (342.80) -----	102.84
	880.31

2.041% Bond	17.97
	\$898.28

Please forward a Change Order for the above amount if we are to proceed.

Sincerely,
ALUMINUM & GLASS CONCEPTS, INC.


Alicia A. Paquin



Shawmut Design & Construction

Add 1/4" Tempered Glass at Door and Transom of New Door B130C and add 1/2" Clear Tempered Sidelite

1

nc.

Use only a remaining change rate of Owner approved change rate.

If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

[illegible]

Material Description	Qty	Unit	Cost Per Unit	Total
1/4" Clear Tempered Glass	16.30	Sq. Ft.	\$2.48	\$ 40.42
1/2" Clear Tempered Glass	14.70	Sq. Ft.	\$5.78	\$ 84.97
1/2" Clear Tempered Glass - Polishing	106.00	Inches	\$0.14	\$ 14.84
			\$	\$ -
			\$	\$ -
			\$	\$ -
			\$	\$ -
			\$	\$ -
TOTAL MATERIALS COST:				\$ 140.23

EQUIPMENT: SUBCONTRACTOR:			
Equipment Description	Qty	Unit	Cost Per Unit
			Total
			\$
None			\$

PCI DESC. Add 1/4" Tempered Glass at Door and Transom of New Door B130C and add 1/2" Clear Tempered Sidelite

FIRM SUBMITTING CHANGE REQUEST:		Aluminum & Glass Concepts, Inc.	
			\$
			\$
		TOTAL EQUIPMENT COST: \$	

TOTAL EQUIPMENT COST:	\$
-----------------------	----

SDC PCI NUMBER: CCD #16
DATE:

PCI DESC. Add 1/4" Tempered Glass at Door and Transom of New Door B110C and add 1/2" Clear Tempered Slidelite

FIRM SUBMITTING CHANGE REQUEST: Aluminum & Glass Concepts, Inc.

4. LUMP SUM SERVICES PROVIDED TO

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST: \$	

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 706.79

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

\$ 70.68

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Insurance & Taxes Rate (30%, or as approved on "RATE APPROVAL PRICING FORM")
Total Base Wages Subject to Insurance and Taxes from Item 1 above \$ 342.80
30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR \$ 102.84

8. TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7) : \$ 880.31

9. TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

10. ** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)

11. TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10) : \$ 880.31

12. SUBCONTRACTOR BOND

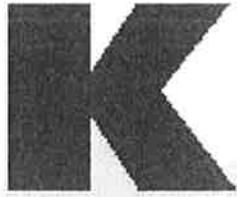
Approved bond premium percentage x item 11.

2.041% x ITEM 11: \$ 17.97

13. TOTAL CHANGE PROPOSAL AMOUNT, including bond cost \$ 898.00

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of



CR 102

King Painting Inc.

LETTER OF TRANSMITTAL

TO:	FROM:
Joseph Pollock	Christopher Johnson
COMPANY:	DATE:
SHAWMUT	3/24/16
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
	1
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE:	YOUR REFERENCE NUMBER:
Haverhill Caleb Dustin	

URGENT ☒ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Change proposal

CCD – 16 Added wall and frame/sidelite.

85 FLAGSHIP DR., SUITE K, N. ANDOVER, MA 01845
978-683-7434 FAX 978-683-7198

SUBCONTRACTOR CHANGE REQUEST

Lower-tier Subs, Use SUB-
SUBCONTRACTOR Form, NOT this form

Caleb Dustin Hunking School

PROJ. NO.

C.M. Shawmut Design & Construction

SDC PCI NUMBER: CCD 16

PCI DESC. Added wall, frame and stellite

DATE:

FIRM SUBMITTING CHANGE REQUEST:

Kign Painting Inc

1. DIRECT LABOR: SUBCONTRACTOR and/or SUB-SUBCONTRACTOR:

Use only Prevailing Wage Rates or Owner-Approved Wages and Rates
If any work is performed by a lower tier sub, labor rates must be approved by the Owner prior to executing any changes, and those costs presented on a Sub-Subcontractor Change Request Form.

Trade	Classification (Foreman, Journeyman, Apprentice)	Total Hrs. Worked	These values shall be taken from the "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form, after its approval by the CM and Owner				Total Direct Labor Cost
			Total Hourly Labor Costs (Item 1 from Wage Approval Sheet)	Total Base Cost + Fringe	Wages	Base Wage Rate for Ins/Taxes (Item D from Wage Approval Sheet)	
Painter	Journeyman	2.00	\$ 62.96	\$ 125.92	\$ -	\$ -	\$ 125.92
				\$ -	\$ -	\$ -	\$ -
				\$ -	\$ -	\$ -	\$ -
				\$ -	\$ -	\$ -	\$ -
				\$ -	\$ -	\$ -	\$ -
			Total Base Wages		\$ 125.92		\$ 125.92
			TOTAL BASE and FRINGE DIRECT LABOR COSTS				\$ 125.92

2. MATERIALS: SUBCONTRACTOR:

(For extensive material lists, attach detailed backup and enter as a lump sum below)

Material Description	Qty	Unit	Cost Per Unit	Total
Paint	0.50	kit	\$30.00	\$ 15.00
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
TOTAL MATERIALS COST:			\$	15.00

3. EQUIPMENT: SUBCONTRACTOR:

(For extensive equipment lists, attach detailed backup and enter as a lump sum below)

Equipment Description	Qty.	Unit	Cost Per Unit	Total
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL EQUIPMENT COST:			\$	\$ -

SDC PCI NUMBER:

CCD 16

DATE:

PCI DESC.

Added walk, frame and stielite

FIRM SUBMITTING CHANGE REQUEST:

Kign Painting Inc

4. LUMP SUM SERVICES PROVIDED TO SUBCONTRACTOR (Not Typical. Contact GC for Direction):

Description of Lump Sum Service - attach backup	Total
	\$ -
	\$ -
	\$ -
	\$ -
TOTAL LUMP SUM SERVICES COST:	\$ -

5. SUBTOTAL OF SUBCONTRACTOR'S DIRECT COSTS (ITEMS 1, 2, 3, and 4)

\$ 140.92

6. SUBCONTRACTOR'S ALLOWED O&P MARK-UP ON ALLOWABLE DIRECT COSTS (10% OF ITEM 5)

\$ 14.09

7. INSURANCE AND TAXES ON SUBCONTRACTOR BASE LABOR ONLY:

Total Base Wages Subject to Insurance and Taxes from Item 1 above

\$ 125.92

Insurance & Taxes Rate (30%, or as approved on "REQUEST FOR APPROVAL FOR CHANGE ORDER PRICING" form)

30.00%

TOTAL COST INSURANCE AND TAXES ON LABOR

\$ 37.78

8. TOTAL COST OF WORK PERFORMED BY SUBCONTRACTOR (ITEMS 5, 6, and 7):

\$ 192.79

9. TOTAL COST OF WORK PERFORMED BY SUB-SUBCONTRACTOR(S) (Item 7 on attached Sub-Sub Form):

10. ** ALLOWABLE MARKUP ON SUB-SUBCONTRACTOR'S WORK (By Contract, 10% of Item 5 on attached Sub-Sub Form)

11. TOTAL COST OF WORK INCLUDED IN THIS CHANGE REQUEST (ITEMS 9+10):

\$ 192.79

12. SUBCONTRACTOR BOND

Approved bond premium percentage x item 11.

2.00% x ITEM 11:

\$ 3.86

13. TOTAL CHANGE PROPOSAL AMOUNT, including bond cost

\$ 197.00

Additional Notes:

Change proposals must include a cover letter on company letterhead identifying the PCI number, a description of the scope of work and the total cost of the Change Request.
** By Contract, the maximum aggregate mark-up allowed on direct allowable costs is 10%, and may be shared between Sub and Sub-Subs, where applicable.



Document G714™ – 2007

Construction Change Directive

PROJECT: *(Name and address)*

Caleb Dustin Hunking School
98 Winchester Street
Haverhill, MA 01835

DIRECTIVE NUMBER: 016**DATE:** 03/14/ 2016**CONTRACT FOR:** General Construction**OWNER:** ☐**ARCHITECT:** ☐**CONSULTANT:** ☐**CONTRACTOR:** ☐**FIELD:** ☐**OTHER:** ☐**TO CONTRACTOR:** *(Name and address)*

Shawmut Design & Construction
560 Harrison Avenue
Boston, MA 02118

CONTRACT DATED: May 14, 2013**ARCHITECT'S PROJECT NUMBER:**
B130200.00

You are hereby directed to make the following change(s) in this Contract:

(Describe briefly any proposed changes or list any attached information in the alternative)

Add wall and door per attached sketch SK-048.

PROPOSED ADJUSTMENTS

1. The proposed basis of adjustment to the Contract Sum or Guaranteed Maximum Price is:

- ☐ • Lump Sum decrease of \$0.00
- ☐ • Unit Price of \$ per
- ☒ • As provided in Section 7.3.3 of AIA Document A201-2007
- ☐ • As follows:

2. The Contract Time is proposed to (remain unchanged). The proposed adjustment, if any, is 0 days.

When signed by the Owner and Architect and received by the Contractor, this document becomes effective IMMEDIATELY as a Construction Change Directive (CCD), and the Contractor shall proceed with the change(s) described above.

Contractor signature indicates agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this CCD.

JCJ Architecture**ARCHITECT** *(Firm name)*

One State Street, Suite 900
Boston, MA 02109

ADDRESS

K Lillich
BY *(Signature)*

Katy Lillich*(Typed name)*

3.14.15
DATE

City of Haverhill**OWNER** *(Firm name)*

Four Summer Street, Room 100
Haverhill, MA 01830

ADDRESS

BY *(Signature)*

*(Typed name)***DATE**Shawmut Design & Construction**CONTRACTOR** *(Firm name)*

560 Harrison Avenue
Boston, MA 02118

ADDRESS

BY *(Signature)*

*(Typed name)***DATE**

