

City of Jackson

TO:

Mayor and Board of Aldermen

CC:

Matt Winters, City Administrator

FROM:

George L. Harris P. E., Staff Engineer

DATE:

March 3, 2025

RE:

Fire Station No. 1 Renovation Project- Change Order No. 3:

COR 008- Lintels for Windows in Existing Walls (RFI 22)

COR 009- EMS Storage Room 140 Shoring Ceiling and Enclosure Ceiling

Opening (RFI 18)

COR 003- P-3 Walls on South and East Walls of Training Room 001

COR 011- Stair 1 Wall Height (RFI 20)

COR 002- Lav Shields in Place of Lav Guards on P3 Fixtures

COR 007- Shower Bases (RFI 17)

COR 010- Floor Sink in Basement Mechanical Room (RFI 23)

The proposed Change Order No. 3, in the amount of \$50,289.96, is comprised of the seven (7) items listed above. Generally, these items are the result of conditions discovered during the demolition phase of the project. Comments in addition to the information attached to this memorandum are included below.

COR 008- Lintels for Windows in Existing Walls (RFI 22)

Demolition of existing wall at new window locations (14 windows) exposed the original construction and it was determined that additional masonry work and installation of steel lintels at the various window locations would be required to assure a tight and sturdy window installation.

COR 009- EMS Storage Room 140 Shoring Ceiling and Enclosure Ceiling Opening (RFI 18)

Room 140 is designated as EMS equipment storage room. Physical conditions at the point where a new wall meets the roof were determined inadequate for support of the roof and a new steel beam was required to provide for adequate support at that location.

COR 003- P-3 Walls on South and East Walls of Training Room 001

A revision to the finished wall construction in training Room 001 on the south and east walls is required to accommodate a sewer stack and provide a central location to reinstall an existing smart board. Walls were originally intended to be painted drywall but are modified to utilize a new stud wall bump out to allow for installation of the smart board.

COR 011- Stair 1 Wall Height (RFI 20)

The existing wall was determined to be too low for proper installation of a new handrail at the proper height to meet the applicable codes.

COR 002- Lav Shields in Place of Lav Guards on P3 Fixtures

Upgraded guards to protect plumbing under various sinks.

COR 007- Shower Bases (RFI 17)

Upgraded shower bases in anticipation of heavy use to increase the durability and life expectancy in anticipation of heavy use.

COR 010- Floor Sink in Basement Mechanical Room (RFI 23)

The existing floor drain in the basement mechanical room was found to be inadequate for the three drains in that portion of the building. A floor sink is proposed to replace the existing floor drain.

City staff recommends that the Mayor and Board of Aldermen approve the proposed Change Order No.3 for the Building Addition & Renovation of Jackson Fire Station #1 project in the amount of \$50,289.96.

Change Order

No. <u>3</u>

Date of Issuance: 02/14/2025		Effective Date:			
Project: Jackson Fire Station #1 Building Addition and Renovations	Owner: Cit	y of Jackson	Owner's Contract No	o.: 24-35	
Contract: General Contract			Date of Contract: 04	/02/2024	
Contractor: Penzel Construction Con	npany, Inc.		Engineer's Project N	o.: 22-273	
The Contract Documents are mod	ified as follo	ows upon execution	n of this Change Or	der:	
Description:	4		J		
1. Structural modifications due	to renovatio	ns and plumbing up	ogrades		
Attachments (list documents support 1. COR 002, 003, 007, 008, 009			struction		
CHANGE IN CONTRACT P	RICE:	CHA	NGE IN CONTRA	CT TIMES:	
Original Contract Price: \$		Substantial com	Times: Working pletion (date):payment (date):		
[Increase] [Decrease] from previously Change Orders No. <u>1</u> to No. <u>2</u> :	approved	[Increase] [Decrea No. 1 to No. 2:	ase] from previously	approved Change Orders	
\$0.00		Substantial completion (days):			
Contract Price prior to this Change (Order:		rior to this Change On apletion (date):		
\$3,618,700.00		Ready for final	payment (date):	08/04/2025	
[Increase] [Decrease] of this Change	Order:		ase] of this Change Capletion (days):		
\$50,289.96		Ready for final	payment (days):	n/a	
Contract Price incorporating this Char	nge Order:		vith all approved Champletion (date):		
\$3,668,989.56			payment (date):		
RECOMMENDED: By: State		EPTED: wner (Authorized Signa	ACCEF By:		
Engineer (Authorized Signature)				ntractor (Authorized Signature)	
Date: 02/14/2024	<u>+</u> Date:		Date: _		

	Change Order Request Summary - Jackson Fire Station #1								
COR No.	Description	Status	An	nount					
800	Lintels for Windows in Existing Walls (RFI 22)	Submitted	\$	37,120.20					
	ESI 2 (RFI 18) EMS Storage Rm 140 Shoring Ceiling and								
009	Enclose Ceiling Opening	Submitted	\$	2,990.06					
003	P-3 Walls on South and East Walls of Training Room 001	Submitted	\$	3,261.72					
011	Stair 1 Center Wall Height (RFI 20)	Submitted	\$	785.00					
002	Lav Shields in place of Lav Guards on P3 Fixtures	Submitted	\$	1,715.70					
007	Shower Bases (RFI 17)	Submitted	\$	2,584.05					
010	Floor Sink in Basement Mech Rm	Submitted	\$	1,832.83					

Total \$ 50,289.56



January 16, 2025

Mr. George Harris

City of Jackson 101 Court Street Jackson, MO 63755

Re: COR 008 - RFI 22 Changes for Lintels for Windows in Existing Walls

Dear Mr. Harris,

This change order request is being submitted in response to RFI 22. This response added steel lintels to all the new window openings in the existing walls. A copy of the RFI is attached for reference. Penzel Construction requests to be compensated in the amount of \$37,120.20 for this additional scope of work. A breakdown of this cost is included for review.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Eric Roth

Project Manager

Eric K Roth

Penzel Construction Inc.

Enclosures: RFI 22

COR 008 Breakdown

Change Order Request 008 RFI 22 Changes 1/16/2025

Subc	contractors and the second second		and the same	
ltem	Description	Subcontractor	Amount	
1	Additional Masonry Scope	Foeste Masonry	26,732.00	
		Subcontractor Subtotal	26,732.00	•
		OH&P_	1,336.60	5%
		Subcontractor Total	28,068.60	
Self-	Performed			
ltem	Description	Vendor	Amount	
1	Additional Demo Work for Lintels	Penzel Construction	\$ 5,640.96	
2	Lintel Material	Blattner Steel	\$ 2,230.00	
		Self Performed Subtotal	7,870.96	-
		OH&P_	1,180.64	15%
		Self Performed Total	9,051.60	=

Grand Total \$ 37,120.20



Phone #: 5732438191

Fax #: 5732432425

Request For Information

TO: STRICKLAND ENGINEERING

Attn: MARK STRICKLAND

113 W MAIN

JACKSON, MO 63755 Office: 5732434080

FROM: PENZEL CONSTRUCTION

COMPANY, INC

Eric Roth

PO Box 330 325 WEST JACKSON

BLVD.

JACKSON, MO 63755 Office: 5732438191

Project Name:

Jackson Fire Station 1 Renovation

Project Number: 22309

Original Submission Date: 12/05/2024

Architect No.:

RFI Number:

22

Answerer: MARK STRICKLAND Submitted By: Eric Roth

Copies To:

Wade Rhodes

Subject:

Window Header in Existing Walls

Cost Code:

Affects Cost: Yes

Specification Section:

Drawing Reference:

Date Required: 12/09/2024

Affects Schedule:

Yes

Question:

Please reference Window Head Detail (Existing Wall) 14/A3.4. This detail shows an existing CMU bond beam at the top of the new window. Drawing A2.1 shows the top of the windows to be at 7'-10" above the floor. While demoing the new openings, it was found that the existing CMU bond beam is roughly 8'-8" above the floor, which is 10" higher then the proposed top of window. Please see attached picture of a new opening onsite with added comments. There are no steel lintels called out on the drawings for these openings either. Please advise how this 10" gap between the bottom of the bond beam and the top of the window should be infilled.

Please note that the Pella windows have already been made and are sitting in the installer's warehouse.

Attachments:

File: New Window Opening in Existing Wall 12-5-24.pdf

Submitted by: Eric Roth on 12/05/2024

By responding to the RFI, we do not agree to any additional costs and/or time. Any additional cost and/or time shall be submitted in accordance with the requirements of the Contract Documents.

Alayna Nordstrom, PE

Date Answered: 12/20/2024

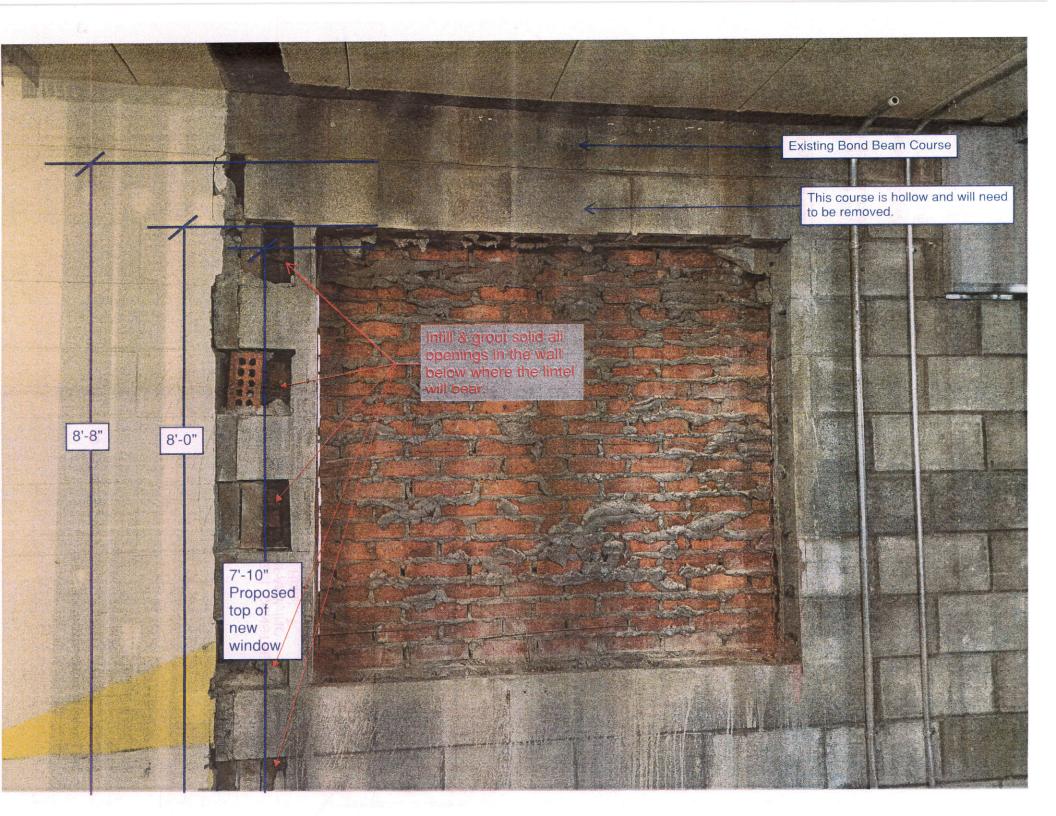
Answered By: Strickland Engineering, LC

For the steel lintels for the new window openings in the existing 6" CMU block walls of the office building use the following:

•(2) L 2 ½ x 2 ½ x 5/16 angles back to back (window width 5'-0" – window type C)

•(2) L 2 ½ x 2 ½ x 1/4 angles back to back (window width 3'-4" or smaller - window types A, B, & D)

The pair of steel lintels can be connected bolted @ 32" o.c. per the cover sheet instructions or welded (1" per 12" of angle) and the angles can be painted with galvanized paint.







January 16, 2025

Mr. George Harris

City of Jackson 101 Court Street Jackson, MO 63755

Re: COR 009 - ESI 02_RFI 18 - EMS Storage Rm Steel Beam and Ceiling Closure

Dear Mr. Harris,

This change order request is being submitted for the scope of work added to the project in ESI-02. Penzel Construction requests to be compensated in the amount of \$2,990.06 for this added scope of work. A breakdown of this cost is included for review.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Townson or Townson

Eric K Roth

Eric Roth
Project Manager
Penzel Construction Inc.

Enclosures: COR 009 Breakdown

Change Order Request 009

ESI 002

1/16/2025

Subcontractors

Item Description	Subcontractor	Amount	•
1			
	Subcontractor Subtotal	-	-
	OH&P	-	5%
	Subcontractor Total		
Self-Performed Item Description	Vendor	Amount	
1	Penzel Construction	\$ 1,290.05	
2	Blattner Steel	\$ 1,310.00	_
	Self Performed Subtotal	2,600.05	_
	OH&P	390.01	15%
	Self Performed Total	2,990.06	_
	ting of the first of the state		
	Grand Total	\$ 2,990.06	



October 23, 2024

Mr. George Harris

City of Jackson 101 Court Street Jackson, MO 63755

Re: COR 003 REVISED - P-3 Walls on South and East Walls of Training Rm 001

Dear Mr. Harris,

Floor plan drawing A1.1 does not call out for the South and East walls of Training Room 001 to be furred out with drywall, but the finish schedule on A4.1 calls out for these walls to be painted drywall. After a site visit it was determined there is also a 4" sewer stack that needs to be covered on the South wall. Penzel plans to install a 3-5/8" stud wall bump out to cover this sewer stack and allow the smart board to be installed in the center of the room. The remaining South and East walls of this room will be furred out with 1-1/2" hat channel. See attached sketch showing the proposed plan. Penzel requests to be compensated for this change in scope in the amount of \$3,261.72.

If you have any questions, please do not hesitate to contact me.

Sincerely,

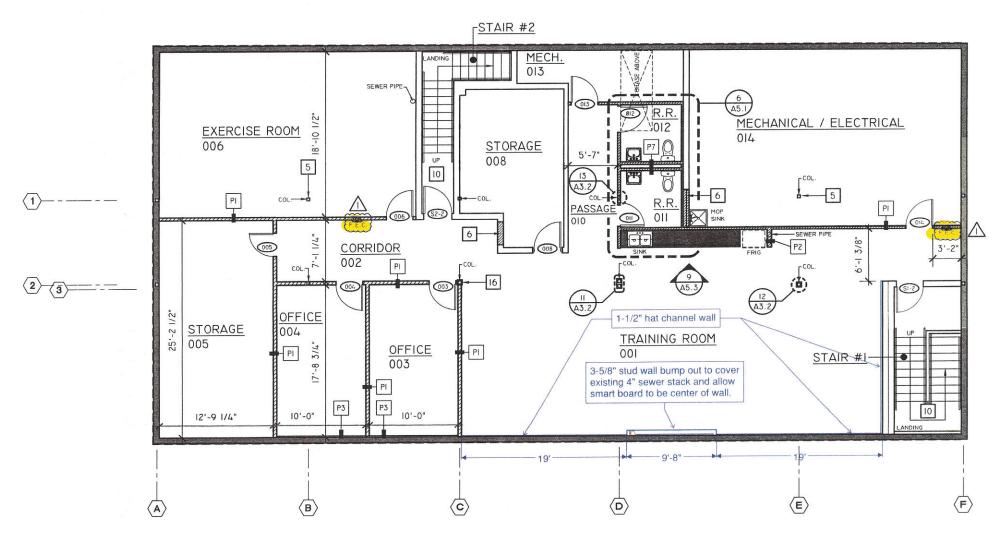
Eric Roth

Project Manager

Eric K Roth

Penzel Construction Inc.

Enclosures: COR 003 Breakdown





BASEMENT FLOOR PLAN
SCALE: 1/8 " = 1 ' - 0 "

Change Order Request 003

P-3 Walls on South and East Walls of Training Room 001 10/14/2024 REVISED 10/16/24 REVISED 10/23/24

Item Description	Subcontractor	Amount
Install P-3 Walls on South and East Walls of Traning Rm 001	Miller Drywall	3,106.40
	Subcontractor Subtotal OH&P	3,106.40 155.32 5%
	Subcontractor Total	3,261.72
Self-Performed Item Description	Vendor	Amount
1	Penzel	
	Self Performed Subtotal OH&P	- - 15%
	Self Performed Total	-
	Grand Total	\$ 3,261.72

MILLER DRYWALL of KENTUCKY CHANGE ORDER FORM

Project Name:	Jackson Fire	e Station			_	CO Rec	quest		
Subcontractor:	M	iller Drywa	ll of	KY	_				
Description of Cha	nge Order:	65 LF x 10' Additional		all type in t	he Basement Room 00	01 & 005	South Wall		
Material & Equipment Description	Qty.	Cost / Unit	Li	ne Total	Labor by trade leve	l: Hours	Cost per hour	Li	ne Total
5/8" MR Board	18	\$ 24.40	\$	439.20	Carpenter Labor	20	\$ 75.00	\$	1,500.00
1-1/2" Hat Channel	46	\$ 7.60	\$	349.60				\$	-
Fasteners	1	\$ 440.00	\$	440.00				\$	-
3-5/8" Studs	8	\$ 6.30	\$	50.40				\$	-
3-5/8" Track	2	\$ 6.25	\$	12.50				\$	-
3-5/8" Slotted Track	2	\$ 16.15	\$	32.30				\$	-
			\$	-				\$	-
			\$	-				\$	-
-			\$	-				\$	-
			\$	-				\$	-
			\$	-				\$	-
			\$	-				\$	-
			\$					\$	-
			\$	-				\$	-
			\$	-		TC	TAL:	\$	1,500.00
			\$	-			CONTRACTOR OF THE PROPERTY OF		
			\$	-	Total Labor Cos	it:		\$	1,500.00
			\$	-	Total Material &	Equipme	nt Cost:	\$	1,324.00
		T	\$	-					
			\$	-	Subto	tal Cost	:	\$	2,824.00
			\$	-					
		TOTAL:	\$	1,324.00					
			I SAN SECUL		Change Order N	lark-Up	: 10%	\$	282.40
					Change Onder T	Satal Ass			240640
					Change Order T	otal An	ount:	\$	3,106.40
					GC Approval:				
					Name	: :			
Submitted by:									
					Signatur	e:			
Name:	Trey Schlo	sser							
				The second secon	Title	50-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1]a		
Signatur	e: Trey Schl	osser		***************************************	Date		eta periodo e a en la cultura la recesi		
Title:	Estimator	najyajingga Kanada Kanada kan kera kanada ana ana ana ana ana ana ana ana an			Dutci	Management of the Control of the Con			intervience and proportion and the food
Date:	10/22/202	24							



February 12, 2025

Mr. George Harris

City of Jackson 101 Court Street Jackson, MO 63755

Re: COR 011 - Raise Center Wall at Stair 1

Dear Mr. Harris,

This change order request is being submitted to account for the cost to raise the center wall height at Stair 1. The existing wall was to remain in place, but it was too low to attach the new handrail at the proper height per code. Penzel Construction requests to be compensated in the amount of \$785.00 for this added scope of work.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Eric Roth

Project Manager

Eric K Roth

Penzel Construction Inc.

Enclosures: COR 011 Breakdown

Change Order Request 011

Raise Center Wall at Stair 1

2/12/2025

Subcontra Item Desc	actor 5	Subcontractor		u value de la Partir de la Part	Amount	•
				14	the weath	
			Subcontr	actor Subtotal	-	•
				OH&P	-	. 5%
			Subco	ontractor Total	- 1, 2	
Self-Perfo		Vendor		44411 44	Amount	
1 Raise	e Center Wall at Stair 1 per RFI 20	Penzel Constr	uction		\$ 682.61	
-		٠	Self Perfo	ormed Subtotal	682.61	_
				OH&P	102.39	15%
			Self Pe	erformed Total	785.00	-
	And the second of the second o	And Angles	er e			
					ć 70F 00	=



July 15, 2024

Mr. George Harris

City of Jackson 101 Court Street Jackson, MO 63755

Re: COR 002 - Lav Shields in lieu of Lav Guards

Dear Mr. Harris,

Per response to the plumbing fixtures submittal review comments, Lav Shields are required to be used on the (7) EA - P3 fixtures in lieu of the specified Lav Guards. Penzel Construction Company requests to be compensated for this change in scope in the amount of \$1,715.70.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Eric Roth

Project Manager

Eric K Roth

Penzel Construction Inc.

Enclosures: COR 002 Breakdown

Change Order Request 002

Lav Shields in place of Lav Guards on P3 Fixtures

7/15/2024

Subcontractors			
Item Description	Subcontractor	Amount	
Install 7 EA Lav Shields for P3 fixtures in lieu of Lav			
1 Guards specified	Buffington Brothers	1,634.00	
	Subcontractor Subtotal	1,634.00	•
	OH&P	81.70	5%
	Subcontractor Total	1,715.70	:
Self-Performed			
Item Description	Vendor	Amount	
1	Penzel		
	Self Performed Subtotal	-	-
	OH&P		15%
	Self Performed Total	-	•
	Grand Total	\$ 1,715.70	=



HVAC • PLUMBING • INSULATION • DUCT CLEANING

110 North Riverview Drive
Poplar Bluff, MO 63901
Ph (573)785-6768 Fax (573)785-8029
rbuffington@buffingtonbrothers.com
buffingtonbrothers.com

CHANGE ORDER REQUEST

To: Penzel Construction

Attn: Eric Roth

Project: Jackson Fire Department

Scope: Plumbing

Prepared By:

Ryan Buffington

Date:

July 15, 2024

Provide Lav Shields for seven P3 fixtures in lieu of specified lav guards. Lav shield cut sheet attached.

 (7) Specified Lav Guards:
 \$ (259.00)

 (7) Alternate Lav Shields:
 \$ 1,680.00

 \$ 1,421.00
 \$ 213.00

 COR Total:
 \$ 1,634.00

Acceptance of Proposal – The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do work as specified. This proposal may be withdrawn if not accepted within 30 days. Pricing is based off of current market/factory pricing, Buffington Brothers is not liable for price increases out of our control. Price includes cash discount for paying with cash or check..

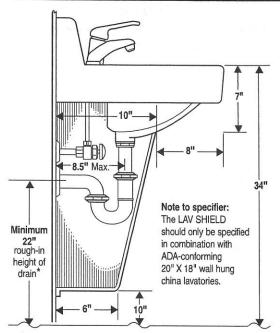
Signature:	Date of Acceptance:
oignaturo.	Date of Acceptance.



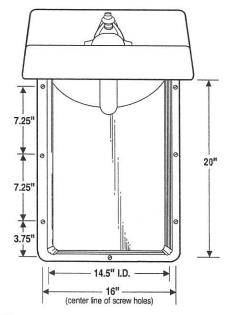
Submittal Sheet



An Brand



*Less than 22" rough-in height, certain job conditions or certain lavatories may require an offset tailpiece or offset grid strainer.





U.S. and Canadian patents: D373,412, D372,077, D384,732, D393,700, D390,643, 79,064, 79,063

IPS Corporation, 202 Industrial Park Lane, Collierville, TN 38017 (901) 853-5001 (800) 340-5969 FAX: (901) 853-5008 e-mail: info@truebro.com Internet: http://www.truebro.com



Lav Shield Classified by Underwriters Laboratories Inc.® in accordance with ADA article 4.19.4 22FF



General Description:

LAV SHIELD® rigid enclosure is dimensionally engineered to satisfy ADA requirements, design aesthetics and mechanical cooperation. LAV SHIELD conceals electronic faucet components, mixing valves, trap primers and instantaneous water heaters**, while allowing wheelchair accessibility under lavatories and eliminating vandalism. Available in the standard model for field fit applications or may be ordered as a factory pre-cut which closely follows the underside contours of the lavatory specified.

**Lavatory "rough in" should be considered to allow mounting room for water heater behind enclosure. Contact TRUEBRO for specifications.

Material	Rigid high-impact, stain-resistant, rigid PVC				
Nominal Wall	.093"				
Finish	Fine haircell				
UV Protection	Will not fade or discolor				
Durability	Virtually indestructible				
Fasteners	7 stainless steel screws and wall anchors provided				
Color	China white				
Compatibility	Fits all ADA-conforming 20" x 18" wall-hung china lavatories				
Paintability	Apply acrylic enamel or Latex				
UL Listing	In accordance with ADA Article 4.19.4				
Flammability	UL-94 V-0, 5VA ASTM D-635-91 4 (ATB) 2.1 (AEB)				
Bacterial/Fungal Resistance	ASTM G21 and G22/Result 0				

☐ LAV SHIELD Model #2018 — Standard (to be Field Fit)

LAV SHIELD Factory Pre-cuts Available:

Model #2018-AS-C - Am.Std. Comrade		Model #2018-EL-M - Eljer Mayburne
Model #2018-AS-D - Am.Std. Declyn		Model #2018-EL-S - Eljer Signature
Model #2018-AS-L - Am.Std. Lucerne		Model #2018-EL-U - Eljer Bucknell
Model #2018-AS-M - Am.Std. Muro		Model #2018-GR-H - Gerber Hayes
Model #2018-AS-OL - Am.Std. Old Lucerne		Model #2018-GR-P - Gerber Plymouth
Model #2018-AS-R - Am.Std. Roxalyn		Model #2018-KO-C - Kohler Chesapeake
Model #2018-BD-I - Bradley Imperial		Model #2018-KO-G - Kohler Greenwich
Model #2018-BR-M - Briggs Milton		Model #2018-KO-H - Kohler Hudson
Model #2018-BR-W - Briggs Whitman		Model #2018-KO-K - Kohler Kingston
Model #2018-CR-H - Crane Harwich		Model #2018-KO-P - Kohler Pinoir
Model #2018-CR-N - Crane Norwich		Model #2018-KO-S - Kohler Soho
Model #2018-CR-W - Crane Westmont		Model #2018-MA-H - Mansfield 2018 HB
Model #2018-CR-Y - Crane Yorkshire		Model #2018-MA-NS - Mansfield 2018 HB-NS
Model #2018-EL-B – Eljer Blair		Model #2018-TO-L - Toto LT307
Model #2018-EL-D – Eljer Delwyn		Model #2018-VT - Vitra 5072-003-0030
 T '1 '0 /T	1.1	1.0

Tamper-resistant	Screws	(Torx	Head	Screws)

Special Pre-cut Request:	
Job/Location	
Design on	
Designer	

TRUEBRO reserves the right to make product and material changes at any time without notice. 12/06



December 9, 2024

Mr. George Harris

City of Jackson 101 Court Street Jackson, MO 63755

Re: COR 007 - Shower Bases Change

Dear Mr. Harris,

This change order request provides pricing to change the shower bases to a cast marble shower pan as requested by the Architect. The cost does include credit for the original shower pans called out on the drawings.

Cast Marble Shower Pan Adder: \$2,584.05

If you have any questions, please do not hesitate to contact me.

Sincerely,

Eric Roth

Project Manager

Eric K Roth

Penzel Construction Inc.

Enclosures: COR 003 Breakdown

Change Order Request 007

Shower Bases

11/20/2024

Subcontractors

Subcontractors Item Description	Subcontractor	Amount	
1 Change 4 Shower Bases to Cast Marble	Buffington Brothers Heating & Cooling	2,461.00	
	Subcontractor Subtotal OH&P	2,461.00 123.05	- 5%
	Subcontractor Total	2,584.0 5	=
Self-Performed Item Description	Vendor	Amount	
1	Penzel		
	Self Performed Subtotal OH&P	-	- 1 5%
en e	Self Performed Total	-	=
	Grand Total	\$ 2,584.05	=



January 27, 2025

Mr. George Harris

City of Jackson 101 Court Street Jackson, MO 63755

Re: COR 010 - Floor Sink in Basement Mech Rm 014

Dear Mr. Harris,

This change order request is being submitted to change the existing floor drain in the basement Mech Rm 014 to a 12" floor sink. There are 3 separate drains in this room that need to be piped to this area and the existing floor drain is not adequate. Penzel Construction requests to be compensated in the amount of \$1,832.83 for this scope of work. A breakdown of this cost is included for review.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Eric Roth

Project Manager

Eric K Roth

Penzel Construction Inc.

Enclosures: COR 010 Breakdown

Change Order Request 010
Floor Sink in Basement Mech Rm
1/27/2025

Item Description 1 Install Floor Sink	Subcontractor Buffington		Amount 1,379.00	
	Subcontractor Subto	tal	1,379.00	•
	OH8	ķΡ	68.95	5%
	Subcontractor Tot	al	1,447.95	
Self-Performed Item Description	Vendor		Amount	
1 Patch Back Concrete around Floor Sink2	Penzel Construction	\$	334.68	
2	Self Performed Subto	tal ——	334.68	-
	OHO	2. D	50.20	15%
	Und	жı <u></u>		•
	Self Performed Tot	=	384.88	2
		=	384.88	3