

SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



ITEM: 3.19  
(ID # 24718)

MEETING DATE:  
Tuesday, May 21, 2024

**FROM :** FACILITIES MANAGEMENT AND RIVERSIDE COUNTY FIRE DEPARTMENT :

**SUBJECT:** FACILITIES MANAGEMENT (FM) AND RIVERSIDE COUNTY FIRE DEPARTMENT: Riverside County Fire Department North Shore Fire Station 41 Replacement Project - Approval of Change Order No. 5 and Notice of Completion for Tilden-Coil Constructors, Inc.; District 4. [\$497,689 - DIF Eastern Riverside Co Fire Facility 30504 (Previously approved budget)] (Clerk to Record Notice of Completion) (4/5 Vote Required)

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Approve the attached Change Order No. 5 for Tilden-Coil Constructors, Inc. (Tilden-Coil) of Riverside, California, in the amount of \$172,400 for the Riverside County Fire Department North Shore Fire Station 41 Replacement (North Shore Station 41) Project, located at 99064 Sea View Drive, in Mecca, California to account for additional work requested to finalize the Project; find that the additional work was integral to the Project and that competitive bidding would not produce an advantage and is impractical for the work;

Continued on Page 2

**ACTION:** 4/5 Vote Required, Policy, CIP

  
Bill Weiser, Fire Department Chief 5/7/2024

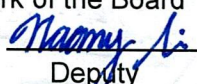
  
Rose Salgado, Director of Facilities Management 5/9/2024

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**MINUTES OF THE BOARD OF SUPERVISORS**

On motion of Supervisor Gutierrez, seconded by Supervisor Jeffries and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Gutierrez  
Nays: None  
Absent: None  
Date: May 21, 2024  
xc: FM-RE, Recorder

Kimberly A. Rector  
Clerk of the Board  
By:   
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,  
STATE OF CALIFORNIA**

**RECOMMENDED MOTION:** That the Board of Supervisors:

2. Authorize the Chairman of the Board (Chairman) to execute Change Order No. 5 for Tilden-Coil on behalf of the County;
3. Accept the North Shore Station 41 Project, constructed by Tilden-Coil as complete and authorize the Chairman to execute the Notice of Completion;
4. Direct the Clerk of the Board to record the attached Notice of Completion; and
5. Authorize the release of undisputed retained funds in the amount of \$497,689 to Tilden-Coil in accordance with the contract terms and applicable law, per the General Conditions of the contract.

<b>FINANCIAL DATA</b>	<b>Current Fiscal Year:</b>	<b>Next Fiscal Year:</b>	<b>Total Cost:</b>	<b>Ongoing Cost</b>
<b>COST</b>	\$ 497,689	\$ 0	\$ 497,689	\$ 0
<b>NET COUNTY COST</b>	\$ 0	\$ 0	\$ 0	\$ 0
<b>SOURCE OF FUNDS:</b> 100% DIF Eastern Riverside Co. Fire Facility Fund 30504 (Previously Approved Budget)			<b>Budget Adjustment:</b> No	
			<b>For Fiscal Year:</b> 23/24	

**C.E.O. RECOMMENDATION:** Approve

**BACKGROUND:**

**Summary**

On April 27, 2021, Item 3.11, the Board of Supervisors (Board) approved in-principle the Riverside County Fire Department North Shore Station 41 and Lake Tamarisk Station 49 Project and a preliminary project budget in the amount of \$10,000,000. The North Shore Station 41 is located at 99065 Sea View Drive in Mecca, California, 92254.

On October 19, 2021, Item 3.13, the Board approved the Design-Build Agreement between the County of Riverside (County) and Tilden-Coil Constructors, Inc. (Tilden-Coil) in the amount of \$8,140,000 to allow Tilden-Coil to immediately initiate the design and pre-construction services. On September 13, 2022, Item 3.7, the Board approved a revised project budget of \$11,078,985 and amendment with Tilden-Coil to increase the Design-Build Agreement by \$1,530,639, from \$8,140,000 to \$9,670,639 for design and construction services for the North Shore Station 41 Project while the Lake Tamarisk Station 49 Project would be publicly bid separately.

During construction, a total of four change orders were approved for Tilden-Coil in the cumulative amount of \$110,746, increasing the contract value from \$9,670,639 to \$9,781,385. The four change orders did not exceed the single change order dollar authority nor the 10% contingency allowance, therefore no Board action was required. Change Order No. 5 was requested for storm damage site repair, electrical and finishes revisions, and additional concrete





PETER ALDANA  
COUNTY OF RIVERSIDE  
ASSESSOR-COUNTY CLERK-RECORDER

Recorder  
P.O. Box 751  
Riverside, CA 92502-0751  
(951) 486-7000

www.riversideacr.com

**CERTIFICATION**

Pursuant to the provisions of Government Code 27361.7, I certify under the penalty of perjury that the following is a true copy of illegible wording found in the attached document:

(Print or type the page number(s) and wording below):

CLARIFICATION FOR SEAL for the Riverside County Board of Supervisors  
(EMBOSSSED ON DOCUMENT)



Date:

05/21/2024

Signature:

*Naomy Sicra*

Print Name: Naomy Sicra, Clerk of the Board Assistant

# COUNTY OF RIVERSIDE FACILITIES MANAGEMENT

CHANGE ORDER NO. 5

Date: 3/26/2024

Project Name: Fire Station 41

To Contractor:  
Tilden-Coil Constructors  
3612 Mission Inn Ave.  
Riverside, CA 92501

PeopleSoft Project No: FM 8270011226

Distribution:  
(1) Project Manager (4) Construction Manager  
(2) Contractor (5) Inspector  
(3) Fiscal (6) Architect/Engineer

You are directed to make the following changes. Changes shall include labor, material and equipment; each item to include all charges or indirect arising out of this work:

DESCRIPTION OF CHANGE	REASON FOR CHANGE ORDER	COR#	TYPE	AMOUNT
1) Hurricane Hillary	Unforeseen Conditions	24	ADD	\$52,439.00
2) Additional department requested changes	Department Driven	28	ADD	\$38,961.00
3) Electrical Changes	Department Driven	25	ADD	\$32,548.00
4) Department Requested Changes	Department Driven	26	ADD	\$57,781.00
5) Credit for Remainder of Contingency	Owner Requested		Deduct	(\$9,329.00)
			<b>TOTAL</b>	<b>\$172,400.00</b>

The specifications, where pertinent, shall apply to these changes.

This Change Order provides for a time extension of 0 calendar days

Original Contract Duration (calendar days):	540
Prior Authorized Time Extension (calendar days):	173
Revised Construction Duration (calendar days):	713
Original Contract Substantial Completion Date:	4/12/2023
Revised Contract Substantial Completion Date:	10/2/2023

NOTE: This change order is not effective until ALL signatures below are obtained, and if applicable, signature authority approval by Form 11 as indicated per Change Order Guidelines.

The undersigned contractor has given careful consideration to the change proposed, including its effect on other work already contracted for, and hereby agrees, if this change order is approved, that he will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment for all costs related in any way thereto the prices shown above. Contractor expressly waives any contract right to pursue any further claim related to this change order work.

DocuSigned by:  
 1) Drew Collins 3/26/2024 | 12:55 PM PDT  
 Contractor (Signature) Date  
 Original Contract \$ 9,670,639.00  
 Prior Authorized  ADD  DEDUCT \$ 110,746.02  
 Total Contract Prior to this Change \$ 9,781,385.02

Contractor's Printed Name  
 2) Chuck Washington 5/21/2024  
 Chair of the Board Date  
 (Signature)  
 Authorized Changes on this Change Order: \$ 172,400.00  
 Amount of Contract Authorized Including this Change Order \$ 9,953,785.02

**CHUCK WASHINGTON** By Naomy Li  
 Chair of the Board DEPUTY  
 Printed Name  
 Pursuant to:  Board Policy B-11  
 M.O. and Date

3) Dominick Lombardi 3/26/24  
 FM Project Manager (Signature) Date  
 FM Project Manager's Printed Name  
 4) Rebecca McCray 4/5/24  
 FM Deputy Director Date  
 Rebecca McCray  
 FM Deputy Director's Printed Name

FORM APPROVED COUNTY COUNSEL  
BY: LISA SANCHEZ 5/22/2024  
DATE

MAY 21 2024 3.19



3612 Mission Inn Avenue  
 Riverside, California 92501  
 951.684.5901 / 951.684.0725 - fax

## Request for Change Order Authorization

Riverside County Fire Stations 41  
 99064 Seaview Dr  
 Mecca, CA 92254

**Project #** 21-029

**Change Order Request:** COR024

**Date:** 2023-11-29

**To:** Dominick Lombardi  
 County of Riverside  
 3133 Mission Inn Ave  
 Riverside, CA 92507

**From:** Tilden-Coil Constructors, Inc.  
 3612 Mission Inn Ave.  
 Riverside, CA 92501

Description	Status
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Additional Grading And Repairs Due Hurricane Hillary and CVWD	4. Approved
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Reference	Required By	Days Req	Amt Req
			\$52,439.00

**Notes**

Change Type	Reason
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Item No.	Item Description	Amount	Contract Number
1	Roller to Re Compact Grades	\$1,500.00	21-029-027
2	Survey Staking Removed by Run-Off	\$2,600.00	21-029-005
3	CVWD Grading and Rain Street Repair	\$20,909.00	21-029-010
4	Storm Damage Site Repair	\$8,468.00	21-029-010
5	Reset Catch Basins and Pump Water	\$15,971.00	21-029-017
1	OH&P - 5%	\$2,472.00	
2	Bond - 1%	\$519.00	

**Submitted by:**

Signature

Name

DocuSigned by:

*Andrew Collins*

73B1FA50B96D4E4...

Andrew Collins, Tilden-Coil Constructors, Inc.

1/15/2024 | 8:14 AM PST

Date

**Approved By:**

Signature

Name

DocuSigned by:

**DOMINICK LOMBARDI**

29267C084C3E402...

Dominick Lombardi, County of Riverside

1/12/2024 | 2:38 PM PST

Date







**CIVIL ENGINEERING • SURVEYING • PLANNING**  
6879 AIRPORT DRIVE, RIVERSIDE, CA 92504  
Tel: 951.688.0241 • Fax: 951.688.0599  
[www.adkan.com](http://www.adkan.com)

September 25, 2023

Tilden-Coil Constructors  
3612 Mission Inn Avenue  
Riverside, CA 92501

Re: Change Order Request

Project: Fire Station 41 - Mecca  
JN: 10267

Adkan Engineers has performed extra work on this project *prior* to receiving a change order. If you have, in fact, already issued us a change order number for this work, we sincerely thank you.

The amount of the change order request for this work is **8 hours** at a rate of **\$325.00** per hour for a total of **\$2,600.00**

If you dispute this extra work or think it is in error, please notify Jerry Snell immediately at [JSnell@adkan.com](mailto:JSnell@adkan.com).

Respectfully,

The logo for Adkan Engineers, featuring the word "adkan" in a bold, blue, sans-serif font with a horizontal line through the middle of the letters, and the word "ENGINEERS" in a smaller, black, sans-serif font below it.

*Kellie Greenblatt*

Kellie Greenblatt  
Office Assistant  
6879 Airport Drive  
Riverside, CA 92504  
Tel: 951.688.0241  
Fax: 951.688.0599  
[KGreenblatt@adkan.com](mailto:KGreenblatt@adkan.com)



6879 Airport Dr.  
Riverside, CA 92504  
951-688-0241

TILDEN-COIL CONSTRUCTORS (550)  
3612 MISSION INN AVENUE  
RIVERSIDE, CA 92501

Change Order Request W-5113  
Date 09/17/2023

Project 10267 FIRE STATION 41 - MECCA

Change Order Request

	Hours	Rate	Billed Amount
09/13/2023			
Two Man Survey Crew	8.00	325.00	2,600.00
<i>TICKET 40135 RE-STAKE CURB ALONG SOUTHWEST CORNER, CROSS GUTER ALONG SOUTH, 2 RETURN ON SOUTHWEST; ORIGINALLY STAKED 7-6 AND 7-6 CUTSHEETS 16-20; RE-STAKE</i>			

*OK  
gr*

Invoice total 2,600.00

**\*\* PLEASE INCLUDE A COPY OF THIS INVOICE WITH YOUR PAYMENT! \*\***

40135

# adkan ENGINEERS

CIVIL ENGINEERING • SURVEYING • PLANNING  
TEL: (951) 688-0241 • FAX: (951) 688-0599  
E-MAIL: mail@adkan.com

## AUTHORIZATION FOR EXTRA WORK OR VERIFICATION OF FIELD TIME

ADKAN JOB NO. 10267 DATE 9/13

CLIENT TILDEN-COIL LOCATION MECCA

ORDERED BY \_\_\_\_\_ CLIENT CHANGE ORDER NO. \_\_\_\_\_

WORK PERFORMED: RESTAKE CURB ALONG  
SOUTH WEST CORNER, X-ING GUTTER  
ALONG SOUTH, 2 RETURNS ON  
SOUTH WEST  
ORIGINAL STAKING ON 7/5, 7/6 CS#16,20

REASON FOR EXTRA WORK: \_\_\_\_\_

HOURS 8 PARTY SIZE 2

CREW DAVID RANGEL, TIM GONZALEZ

[Signature]  
\*CLIENT REPRESENTATIVE AUTHORIZING WORK

OK  
an

[Signature] 9/20/23  
ADKAN SURVEY SUPERVISOR

\*This authorization for Extra Work is an extension of the master contract for this project. All provisions of master contract remain in full effect. By signing above, client representative acknowledges that he is authorized to approve extra work. We expect extra work to have change orders within 30 days of work.



19 Hammond, Ste 512  
 Irvine, CA 92618  
 Office: 949-296-8335  
 www.wearemdb.com

CSLB: A1054408  
 DIR: 1000399000

<b>To:</b> Tilden Coil Constructors, Inc.	<b>Contact:</b>
<b>Address:</b> 3612 Mission Inn Avenue Riverside, CA 92501	<b>Phone:</b> 951.684.5901
	<b>Fax:</b>
<b>Project Name:</b> Fire Station 41 Extra Work	<b>Bid Number:</b>
<b>Project Location:</b> Mecca, CA	<b>Bid Date:</b> 4/22/2022
<b>Addendum #:</b> N/A	

CSLB 1054408 Exp 06/30/2025  
 DIR 1000399000 Exp 06/30/2026  
 Union Contractor

Civil Earthwork

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
911	Additional Re-grade And Install Partial Base Section (Base Provided By Others)	1.00	LS	\$20,909.98	\$20,909.98
<b>Total Price for above Items:</b>					<b>\$20,909.98</b>

**Notes:**

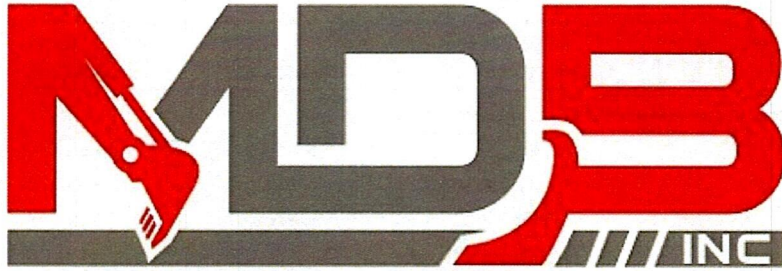
**CVWD and Street (Rain) Repair**

**• Inclusions:**

**Payment Terms:**

Net 30 Days

<p><b>ACCEPTED:</b>                  The above prices, specifications and conditions are satisfactory and are hereby accepted.</p> <p><b>Buyer:</b> _____</p> <p><b>Signature:</b> _____</p> <p><b>Date of Acceptance:</b> _____</p>	<p><b>CONFIRMED:</b>  <b>Mac DAD Builders, Inc.</b></p> <p><b>Authorized Signature:</b> _____</p> <p><b>Estimator:</b> Courtney Statham                  (949) 378-3440 courtney@wearemdb.com</p>
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 Irvine, CA 92618  
 Office: 949-296-8335  
 www.wearemdb.com














































CSLB: A1054408  
 DIR: 1000399000

## Cost Detail

<b>Project Name:</b> Fire Station 41 Extra Work	<b>Customer:</b> Tilden Coil Constructors, Inc.
<b>Job Number:</b>	<b>Billing Address:</b> 3612 Mission Inn Avenue
<b>Bid As:</b> Sub	Riverside, CA 92501
<b>Estimator:</b> Courtney Statham	<b>Phone:</b> 951.684.5901
<b>Project Address:</b> Mecca, CA	<b>Contact:</b>
<b>Completion Date:</b>	

## Pay Items

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
<b>D 911 - Additional Re-grade And Install Partial Base Section (Base Provided By Others)</b>	<b>1.00</b>	<b>LS</b>	<b>\$18,182.59</b>	<b>\$18,182.59</b>
<b>D</b> Regrade Due To Storm Damage - 09.22.23	1.00	LS	\$3,646.42	\$3,646.42
☼ Mob In Mini Ex	1.00	EACH	\$400.00	\$400.00
👤 Operator Foreman - Kyle	4.00	HR	\$124.32	\$497.28
👤 Operator Foreman - Kyle OT	0.50	HR	\$162.91	\$81.46
🚚 Tool Truck	4.00	HR	\$37.75	\$151.00
🚚 GPS Rover	0.50	DY	\$250.00	\$125.00
👤 Operator Group 8 - Troy Bond	4.00	HR	\$118.27	\$473.08
🚚 Skip Loader	0.50	DY	\$444.75	\$222.38
👤 Operator Group 8 - Travis Larson	4.00	HR	\$115.87	\$463.48
🚚 Mini Excavator	0.50	DY	\$472.25	\$236.13
👤 Operator Group 8 - Brett Barbour	4.00	HR	\$118.27	\$473.08
🚚 Roller - Provided By Tilden Coil, Fuel By MDB	0.50	DY	\$192.00	\$96.00
👤 Laborer Group 1 FM - John Bond	4.00	HR	\$79.51	\$318.04
🚚 Whacker	0.50	DY	\$219.00	\$109.50
<b>D</b> Regrade South Side Due To CVWD Issue - 09.22.23	1.00	LS	\$3,546.42	\$3,546.42
☼ Mob In Skiploader	1.00	EACH	\$300.00	\$300.00
👤 Operator Foreman - Kyle	4.00	HR	\$124.32	\$497.28
👤 Operator Foreman - Kyle OT	0.50	HR	\$162.91	\$81.46
🚚 Tool Truck	4.00	HR	\$37.75	\$151.00
🚚 GPS Rover	0.50	DY	\$250.00	\$125.00
👤 Operator Group 8 - Troy Bond	4.00	HR	\$118.27	\$473.08
🚚 Skip Loader	0.50	DY	\$444.75	\$222.38
👤 Operator Group 8 - Travis Larson	4.00	HR	\$115.87	\$463.48
🚚 Mini Excavator	0.50	DY	\$472.25	\$236.13
👤 Operator Group 8 - Brett Barbour	4.00	HR	\$118.27	\$473.08
🚚 Roller - Provided By Tilden Coil, Fuel By MDB	0.50	DY	\$192.00	\$96.00
👤 Laborer Group 1 FM - John Bond	4.00	HR	\$79.51	\$318.04
🚚 Whacker	0.50	DY	\$219.00	\$109.50

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
<b>(Item 911 - Additional Re-grade And Install Partial Base Section (Base Provided By Others</b>				
 Regrade Due To Storm Damage - 09.25.23	1.00	LS	\$4,566.70	\$4,566.70
 Operator Foreman - Kyle	4.00	HR	\$124.32	\$497.28
 Operator Foreman - Kyle OT	1.50	HR	\$162.91	\$244.37
 Tool Truck	4.00	HR	\$37.75	\$151.00
 GPS Rover	0.50	DY	\$250.00	\$125.00
 Operator Group 8 - Troy Bond	4.00	HR	\$118.27	\$473.08
 Operator Group 8 - Troy Bond OT	1.00	HR	\$152.56	\$152.56
 Skip Loader	0.50	DY	\$444.75	\$222.38
 Operator Group 8 - Travis Larson	4.00	HR	\$115.87	\$463.48
 Operator Group 8 - Travis Larson OT	1.00	HR	\$149.02	\$149.02
 Mini Excavator	0.50	DY	\$472.25	\$236.13
 Operator Group 8 - Brett Barbour	4.00	HR	\$118.27	\$473.08
 Operator Group 8 - Brett Barbour OT	1.00	HR	\$152.56	\$152.56
 Roller - Provided By Tilden Coil, Fuel By MDB	0.50	DY	\$192.00	\$96.00
 Laborer Group 1 FM - John Bond	4.00	HR	\$79.51	\$318.04
 Laborer Group 1 FM - John Bond OT	1.00	HR	\$104.02	\$104.02
 Laborer Group 1 - Raymond Martinez	4.00	HR	\$77.06	\$308.24
 Laborer Group 1 - Raymond Martinez OT	1.00	HR	\$100.47	\$100.47
 Mob Out Skiploader	1.00	UNIT	\$300.00	\$300.00
 Place Base To Prevent Further Damage - 09.25.23	1.00	LS	\$4,266.70	\$4,266.70
 Operator Foreman - Kyle	4.00	HR	\$124.32	\$497.28
 Operator Foreman - Kyle OT	1.50	HR	\$162.91	\$244.37
 Tool Truck	4.00	HR	\$37.75	\$151.00
 GPS Rover	0.50	DY	\$250.00	\$125.00
 Operator Group 8 - Troy Bond	4.00	HR	\$118.27	\$473.08
 Operator Group 8 - Troy Bond OT	1.00	HR	\$152.56	\$152.56
 Skip Loader	0.50	DY	\$444.75	\$222.38
 Operator Group 8 - Travis Larson	4.00	HR	\$115.87	\$463.48
 Operator Group 8 - Travis Larson OT	1.00	HR	\$149.02	\$149.02
 Mini Excavator	0.50	DY	\$472.25	\$236.13
 Operator Group 8 - Brett Barbour	4.00	HR	\$118.27	\$473.08
 Operator Group 8 - Brett Barbour OT	1.00	HR	\$152.56	\$152.56
 Roller - Provided By Tilden Coil, Fuel By MDB	0.50	DY	\$192.00	\$96.00
 Laborer Group 1 FM - John Bond	4.00	HR	\$79.51	\$318.04
 Laborer Group 1 FM - John Bond OT	1.00	HR	\$104.02	\$104.02
 Laborer Group 1 - Raymond Martinez	4.00	HR	\$77.06	\$308.24
 Laborer Group 1 - Raymond Martinez OT	1.00	HR	\$100.47	\$100.47
 Re-grade For Erosion Damage - 09.26.23	1.00	LS	\$2,156.37	\$2,156.37
 Operator Group 8 - Troy Bond	4.00	HR	\$118.27	\$473.08
 Tool Truck	4.00	HR	\$37.75	\$151.00
 GPS Rover	1.00	DY	\$250.00	\$250.00
 Mini Excavator	1.00	DY	\$472.25	\$472.25
 Roller - Provided By Tilden Coil, Fuel By MDB	1.00	DY	\$192.00	\$192.00
 Laborer Group 1 FM - John Bond	4.00	HR	\$79.51	\$318.04
 Mob Out Mini Ex	1.00	UNIT	\$300.00	\$300.00



19 Hammond, Ste 512  
 Irvine, CA 92618  
 Office: 949-296-8335  
 www.waremdb.com

CSLB: A1054408  
 DIR: 1000399000

<b>To:</b> Tilden Coil Constructors, Inc.	<b>Contact:</b>
<b>Address:</b> 3612 Mission Inn Avenue Riverside, CA 92501	<b>Phone:</b> 951.684.5901
<b>Project Name:</b> Fire Station 41 Extra Work	<b>Fax:</b>
<b>Project Location:</b> Mecca, CA	<b>Bid Number:</b>
<b>Addendum #:</b> N/A	<b>Bid Date:</b> 4/22/2022

CSLB 1054408 Exp 06/30/2025  
 DIR 1000399000 Exp 06/30/2026  
 Union Contractor

Civil Earthwork

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
910	Re-grade For Storm Damage	1.00	LS	\$8,468.41	\$8,468.41
	Assumes 1 Days Of Work. Actual Length Will Depend On Extent Of Damage.				
<b>Total Price for above Items:</b>					<b>\$8,468.41</b>

**Notes:**

- **Inclusions:**

**Payment Terms:**

Net 30 Days

<p><b>ACCEPTED:</b>                  The above prices, specifications and conditions are satisfactory and are hereby accepted.</p> <p><b>Buyer:</b> _____</p> <p><b>Signature:</b> _____</p> <p><b>Date of Acceptance:</b> _____</p>	<p><b>CONFIRMED:</b>  <b>Mac DAD Builders, Inc.</b></p> <p><b>Authorized Signature:</b> _____</p> <p><b>Estimator:</b> Courtney Statham                  (949) 378-3440 courtney@waremdb.com</p>
--	--



19 Hammond, Ste 512  
Irvine, CA 92618  
Office: 949-296-8335  
www.wearemdb.com

CSLB: A1054408  
DIR: 1000399000

## Cost Detail

<b>Project Name:</b> Fire Station 41 Extra Work	<b>Customer:</b> Tilden Coil Constructors, Inc.
<b>Job Number:</b>	<b>Billing Address:</b> 3612 Mission Inn Avenue
<b>Bid As:</b> Sub	Riverside, CA 92501
<b>Estimator:</b> Courtney Statham	<b>Phone:</b> 951.684.5901
<b>Project Address:</b> Mecca, CA	<b>Contact:</b>
<b>Completion Date:</b>	

## Pay Items

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
<b>D</b> 910 - Re-grade For Storm Damage	1.00	LS	\$7,363.84	\$7,363.84
<b>Assumes 1 Days Of Work. Actual Length Will Depend On Extent Of Damage.</b>				
<b>D</b> Mobilization	1.00	UNIT	\$1,200.00	\$1,200.00
* Mob In Roller - Provided By Tilden Coil	1.00	UNIT	\$0.00	\$0.00
* Mob In Skip	1.00	UNIT	\$300.00	\$300.00
* Mob In Water Truck	1.00	UNIT	\$300.00	\$300.00
* Mob Out Roller - Provided By Tilden Coil	1.00	UNIT	\$0.00	\$0.00
* Mob Out Skip	1.00	UNIT	\$300.00	\$300.00
* Mob Out Water Truck	1.00	UNIT	\$300.00	\$300.00
<b>D</b> Finish Grade	1.00	DY	\$6,163.84	\$6,163.84
Operator Foreman - Kyle	8.00	HR	\$124.32	\$994.56
Tool Truck	8.00	HR	\$37.75	\$302.00
GPS Rover	1.00	DY	\$250.00	\$250.00
Operator Group 8	8.00	HR	\$120.27	\$962.16
Skip Loader	1.00	DY	\$681.00	\$681.00
Operator Group 8	8.00	HR	\$120.27	\$962.16
Roller - Provided By Tilden Coil, Fuel By MDB	1.00	DY	\$192.00	\$192.00
Laborer Group 1 WT	8.00	HR	\$81.06	\$648.48
Truck Water	1.00	DY	\$555.00	\$555.00
Laborer Group 1	8.00	HR	\$77.06	\$616.48



**Direct Cost Totals**

	Amount	Percent of Direct Cost
<b>Labor:</b>	\$4,183.84	56.82%
<b>Equipment Owned:</b>	\$0.00	0.00%
<b>Equipment Rented:</b>	\$1,980.00	26.89%
<b>Materials Owned:</b>	\$0.00	0.00%
<b>Materials Purchased:</b>	\$0.00	0.00%
<b>Subcontracted:</b>	\$0.00	0.00%
<b>Trucking Owned:</b>	\$0.00	0.00%
<b>Trucking Hired:</b>	\$0.00	0.00%
<b>Miscellaneous:</b>	\$1,200.00	16.30%
<b>Plug:</b>	\$0.00	0.00%
<b>Direct Cost:</b>	<u>\$7,363.84</u>	

**Pay Item Summary**

	Amount	Percent of Bid Price
<b>Total Direct Cost:</b>	\$7,363.84	86.96%
<b>Total DC Adds/Cuts:</b>	\$0.00	0.00%
<b>Total Indirect Cost:</b>	\$0.00	0.00%
<b>Total Bond:</b>	\$0.00	0.00%
<b>Total Overall Cost:</b>	<u>\$7,363.84</u>	86.96%
<b>Total Overhead:</b>	\$736.38	8.70%
<b>Total Profit:</b>	\$368.19	4.35%
<b>Total Margin:</b>	<u>\$1,104.57</u>	13.04%
<b>Total Bid Price:</b>	<u><u>\$8,468.41</u></u>	

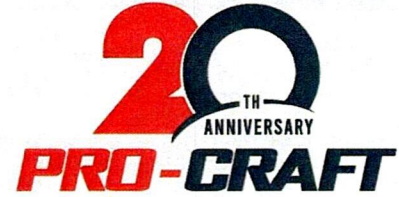
## Proposed Change Order

22023. - Riverside County Fire Stations 41 North Shore

DATE: 11/29/2023

PCO#: 0012

www.procraftci.com



**To:** Drew Collins  
Tilden-Coil Constructors Inc.  
3612 Mission Inn Avenue  
Riverside, CA. 92501

**Phone:** 951-684-5901

**Email:** dcollins@tilden-coil.com

**From:** Joey Gladish  
Pro-Craft Construction, Inc.  
500 Iowa Street  
Redlands, CA 92373

**Phone:** 909-790-5222

**Email:** jgladish@procraftci.com

**Description of Change: Costs to regrade and reset catch basin damaged by hurricane**

**Costs to regrade and reset catch basins and misc. other items, damaged by hurricane/rain ,  
Including pumping out water in multiple locations**

**Exclusions: Contract exclusions apply**

**Proposed Change Order Amount**

**\$15,971.06**

**Standard Terms and Conditions of the Subcontract apply, including all exclusions.** Additional Time required, does not include contract extension.

This change proposal is based on the usual cost elements such as labor, materials, and markup and does not include any amount for impacts such as interference, disruptions, rescheduling, and change in the sequence of work, delays and /or associate acceleration. We expressly reserve the right to submit our request for any of these items should we be faced with performing work under any of these conditions.

This cost proposal supersedes all previously submitted cost proposals relating to this same work. The work of other trades, which may be required to complete this change order, is not a part of this change proposal.

This cost proposal is valid until **12/31/2023** and void thereafter. All work affected by either the acceptance or rejection of the enclosed change order quotation is on hold pending notification.



## CHANGE ORDER REQUEST

TO: Tilden-Coil Construction  
 ATTN: Drew Collins  
 DATE: 11/29/2023  
 CO# 12

RELATED DOC: Rain damage repair

LABOR	Hours	Rate	Total
Foreman	16.00	\$111.75	\$1,788.00
Foreman OT	24.00	\$147.32	\$3,535.68
Foreman DT	13.00	\$185.25	\$2,408.25
Operator OT	8.00	\$103.93	\$831.44
Laborer	18.00	\$118.69	\$2,136.42
Other			\$0.00
Overtime			\$0.00
Procurement & Delivery			\$0.00
Asbuilts			\$0.00
Clean Up			\$0.00
Equipment Delivery			\$0.00
<b>LABOR SUBTOTALS</b>			<b>\$10,699.79</b>

MATERIAL	QTY	Unit Price	Total
Description			
Material (See Detail)			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
<b>Sub Total</b>			\$0.00
<b>Sales Tax</b>		9.50%	\$0.00
<b>MATERIAL SUBTOTALS</b>			<b>\$0.00</b>

EQUIPMENT	Unit	Rate	Total
General Foreman Truck	16.00	\$54.71	\$875.36
Foreman Truck- Plumbing	24.00	\$58.50	\$1,404.00
Foreman Truck- Site Utility		\$57.71	\$0.00
Skid Steer	8.00	\$54.00	\$432.00
sump pump	1.00	\$138.00	\$138.00
			\$0.00
			\$0.00
			\$0.00
<b>EQUIPMENT SUBTOTAL</b>			<b>\$2,849.36</b>

SUBCONTRACTOR	Total
	\$0.00
	\$0.00
	\$0.00
<b>SUBCONTRACTOR SUBTOTAL</b>	<b>\$0.00</b>

COMMENTS	OH&P	Summary	Total
		LABOR SUBTOTAL	\$10,699.79
		MATERIAL SUBTOTAL	\$0.00
		EQUIPMENT SUBTOTAL	\$2,849.36
		SUBCONTRACTOR SUBTOTAL	\$0.00
		<b>COST SUBTOTAL</b>	<b>\$13,549.15</b>
	15%	LABOR OH&P	\$1,604.97
	15%	MATERIAL OH&P	\$0.00
	15%	EQUIP OH&P	\$427.40
	15%	SUB OH&P	\$0.00
		<b>COST W/MARKUP SUBTOTAL</b>	<b>\$15,581.52</b>
	2.5%	<b>Bonds &amp; Ins.</b>	<b>\$389.54</b>
Additional Days to Contract	0	\$ 412.73	<b>Daily OH Rate</b>
Contract Extension:	NO		<b>QUOTED PRICE</b>
			<b>\$15,971.06</b>



3612 Mission Inn Avenue  
Riverside, California 92501  
951.684.5901 / 951.684.0725 - fax

## Request for Change Order Authorization

Riverside County Fire Stations 41  
99064 Seaview Dr  
Mecca, CA 92254

**Project #** 21-029

**Change Order Request:** COR025

**Date:** 2023-12-06

**To:** Dominick Lombardi  
County of Riverside  
3133 Mission Inn Ave  
Riverside, CA 92507

**From:** Tilden-Coil Constructors, Inc.  
3612 Mission Inn Ave.  
Riverside, CA 92501


Description	Status		
BC11_COR025 - Electrical Changes	4. Approved		
Reference	Required By	Days Req	Amt Req
			\$32,548.00
Notes			

Change Type	Reason
Change Order	

Item No.	Item Description	Amount	Contract Number
1	2 Port vs 4 Port Data Drop	\$20,386.00	21-029-011
2	Address Lighting	\$3,010.00	21-029-011
3	Station 41 Sign Up-Light	\$1,927.00	21-029-011
4	Added Door Conduit	\$5,368.00	21-029-011
1	OH&P - 5%	\$1,535.00	
2	Bond - 1%	\$322.00	

**Submitted by:**

Signature  
Name

DocuSigned by:  
  
 73B1FA50B96D4E4...  
 Andrew Collins, Tilden-Coil Constructors, Inc.

1/8/2024 | 4:36 PM PST  
Date

**Approved By:**

Signature  
Name

DocuSigned by:  
  
 29267C084C3E402...  
 Dominick Lombardi, County of Riverside

1/12/2024 | 2:36 PM PST  
Date



CONSTRUCTION ELECTRIC, INC.

August 24, 2023

**Tilden-Coil Constructors**  
3612 Mission Inn Ave.  
Riverside, CA 92501

Attn: Mr. Bryant Ismerio

Re: **Riverside County Fire Station #41 North Shore**  
CM Job Number: **21029**  
Proposal Description: CEI COR 10 – Add (2) address illuminating LED fixtures @ canopy  
Construction Electric, Inc. Job # 20221

Dear Mr. Ismerio,

Construction Electric Inc. has reviewed the above referenced revision and has found changes to our scope. We are pleased to provide a price to you in the (additional) amount of \$3,010.37 (Three Thousand Ten Dollars and 37/100) for the changes shown and work described below.

**Scope:** Intercept existing conduit/wire and extend to new address locations at canopy above App Bays. Provide (2) back boxes and related LED canopy lights to illuminate address letters.

**Drawings:** See attached Log

**Breakdown:** See attached itemized breakdown

**We acknowledge receipt of:**

- A: Vendor pricing
- B: E-mail directive to proceed
- C:

Pricing is firm for (15) days from date of this letter. If additional information is required, please do not hesitate to contact me.

Sincerely,  
**Construction Electric, Inc.**

*KC Lockhart III*

**KC Lockhart III**  
Project Manager  
cc: Job file



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*Construction Electric, Inc. 18885 Van Buren Blvd., #4C Riverside, CA 92508 951-789-8350 951-789-8352 Fax*

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## Fire Station #41

### Change Order Request #10 - Add address lighting at App bay canopy

*Intercept exist conduit & wire and extend to new light fixture locations*

i.	<b>Material:</b>	<b>\$550.72</b>
ii.	<b>Equipment:</b>	<b>\$1,141.88</b>
iii.	<b>Labor:</b>	<b>\$887.96</b>
iv.	<b>Subtotal:</b>	<b>\$2,580.56</b>
v.	<b>Subcontractor performed work:</b>	<b>\$0.00</b>
vi.	<b>Subtotal</b>	<b>\$2,580.56</b>
vii.	<b>OH &amp; Profit:</b>	<b>\$387.08</b>
viii.	<b>Subtotal:</b>	<b>\$2,967.64</b>
ix.	<b>Bond:</b>	<b>\$42.73</b>
x.	<b>TOTAL:</b>	<b>\$3,010.38</b>

# CHANGE ORDER REQUEST

**Construction Electric, Inc.**

 18885 Van Buren Blvd., 4C  
 Riverside, CA 92508

**CCN #** 10  
**Date:** 8/24/2023  
**Project Name:** FIRE STATION #41  
**Project Number:** 20221  
**Page Number:** 1

Client Address:

**TILDEN-COIL CONSTRUCTORS**

 Contact: Bryant Ismerio  
 3612 Mission Inn Ave  
 Riverside, CA 92501

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**Work Description**


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**Itemized Breakdown**


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Description	Qty	Total Mat.	Total Hrs.
100W XPL PRF CEILING MNT	2	277.00	4.00
1/2" EMT CONDUIT	40	66.04	0.80
1/2" EMT STL SS CPLG	5	4.68	0.50
1/2" EMT INSUL STL SS CONN	4	3.89	0.32
1/2" EMT 1-H STEEL STRAP	5	4.11	0.25
#12 THHN SOLID BLACK	176	39.04	0.95
4x2 1/8" SQ BOX 3/4" KO	2	49.64	0.46
4" SQ 2G PLSTR RING 5/8" RISE	2	25.03	0.05
BOX SUPPORT HOLD-ITS	2	10.12	0.16
GROUND SCREW W/ INSUL #12 LEAD	2	10.07	0.07
B1-1 YELLOW WIRE CONN	10	1.61	0.50
#8x 1 P/H SELF-TAP SCREW	5	0.72	0.14
#8x 3/4 WAFER HEAD SELF-TAP STUD SCF	24	1.21	0.62
TSGB16 ADJ BOX MTG BRKT	4	13.25	0.48
<b>Totals</b>	<b>283</b>	<b>506.41</b>	<b>9.30</b>

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**Summary**


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General Materials		506.41
Material Tax (@ 8.750 %)		44.31
<b>Total Material</b>		<b>550.72</b>
FOREMAN (4.65 Hrs @ \$98.39)		457.51
INSIDE WIREMAN (4.65 Hrs @ \$92.57)		430.45
BOOM LIFT (1.00 @ 1.00 @ \$1,050.00 + 8.750 % + 0.000 % + 0.000 %)		1,141.88
<b>Subtotal</b>		<b>2,580.56</b>
Markup (@ 15.000 %)		387.08
<b>Subtotal</b>		<b>2,967.64</b>
Adjustment #2 (@ 1.440 %)		42.73

**ORIGINAL**

**CHANGE ORDER REQUEST**

**Construction Electric, Inc.**  
18885 Van Buren Blvd., 4C  
Riverside, CA 92508

Client Address:

**TILDEN-COIL CONSTRUCTORS**  
3612 Mission Inn Ave  
Riverside, CA 92501

**CCN #** 10  
**Date:** 8/24/2023  
**Project Name:** FIRE STATION #41  
**Project Number:** 20221  
**Page Number:** 2

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**Summary (Cont'd)**

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**Final Amount**

**\$3,010.37**

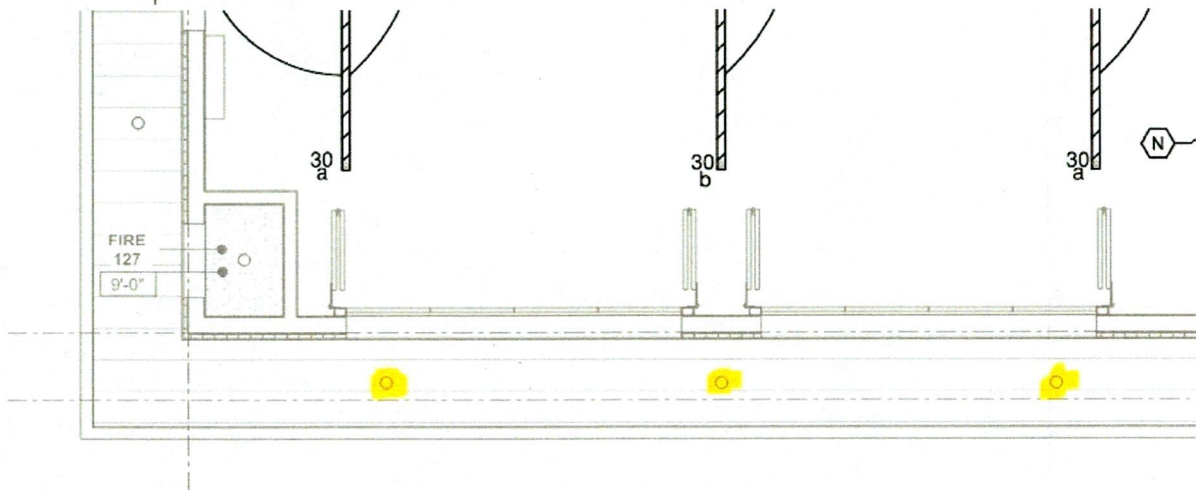
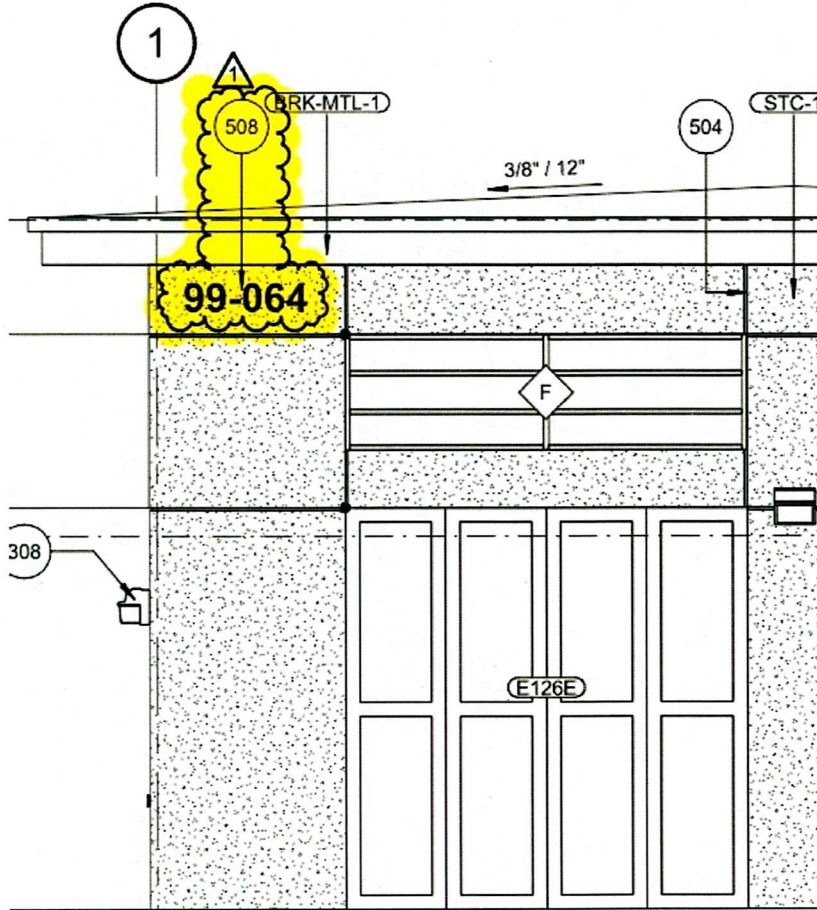
**ORIGINAL**



**From:** [Sergio Lopez](#)  
**To:** [kc](#); [david](#); [Joe Rogowicz](#)  
**Cc:** [Thomas Howell](#); [Drew Collins](#); [Brock Mendenhall](#)  
**Subject:** RE: Fire Station 41 | IC RFI #064 Exterior Building Address Signage  
**Date:** Monday, April 10, 2023 3:43:48 PM  
**Attachments:** [image002.png](#)  
[image003.png](#)  
[image001.png](#)

KC,

I don't believe the BIM model rendering shows the numbers, but hopefully this helps. See below. Call me if you have any questions.



Thank you,

Sergio Lopez  
Project Engineer

**Tilden-Coil Constructors**

*Building with Integrity Since 1938*

P: 951.684.5910

Cell: 951.206.3586



**From:** kc <kc@constructionelectric.com>

**Sent:** Monday, April 10, 2023 3:26 PM

**To:** Sergio Lopez <slopez@tilden-coil.com>; david <david@constructionelectric.com>; Joe Rogowicz <joe@rasceng.com>

**Cc:** Thomas Howell <thowell@holtarchitecture.com>; Drew Collins <dcollins@tilden-coil.com>; Brock Mendenhall <bmendenhall@tilden-coil.com>

**Subject:** RE: Fire Station 41 | IC RFI #064 Exterior Building Address Signage

Sergio

Can I get a rendering to illustrate exactly where & what we are talking about?

Thank You,  
KC Lockhart III

**Construction Electric, Inc.**  
951-789-8350 Office - 951-789-8352 Fax

**From:** Sergio Lopez <lopez@tilden-coil.com>

**Sent:** Monday, April 10, 2023 2:30 PM

**To:** kc <kc@constructionelectric.com>; david <david@constructionelectric.com>

**Cc:** Thomas Howell <thowell@holtarchitecture.com>; Drew Collins <dcollins@tilden-coil.com>; Brock Mendenhall <bmendenhall@tilden-coil.com>

**Subject:** FW: Fire Station 41 | IC RFI #064 Exterior Building Address Signage

KC/ David,

Can you have RASC evaluate if the address numbers shown on sheet A200 will be adequately illuminated from the can lights in the soffit?

Thank you,

Sergio Lopez  
Project Engineer

**Tilden-Coil Constructors**

*Building with Integrity Since 1938*

P: 951.684.5910

Cell: 951.206.3586



**From:** Thomas Howell <thowell@holtarchitecture.com>

**Sent:** Monday, April 10, 2023 2:19 PM

**To:** Sergio Lopez <lopez@tilden-coil.com>

**Cc:** Drew Collins <dcollins@tilden-coil.com>; Brock Mendenhall <bmendenhall@tilden-coil.com>

**Subject:** RE: Fire Station 41 | IC RFI #064 Exterior Building Address Signage


Hello Sergio:

The Fire Marshall typically takes a practical approach and often uses this for the condition "All addressing must be adequately illuminated to be visible from the street at all hours". You could wait until lights are on or you could ask RASC Engineering thru

Construction Electric to evaluate.

Regards, Tom

# Stonco KEENE

by  Signify

## Garage & Canopy

**GC60-SCT-G2-SM-5-10-BZ**  
**GC90-SCT-G2-SM-5-10-BZ**

**LED Lighting Fixture**

### GENERAL SAFETY INFORMATION

To avoid hazards and unnecessary failures due to misuse, please read carefully all warnings and instructions included in the MI sheets and all labels.

- Before installing, servicing, or performing routine maintenance upon this equipment, pay attention to: Supply voltage input 120-347V, frequency 50/60 Hz.
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- Residential installation, always consult a qualified licensed electrician and check your local electrical code if any uncertainty before operating.
- Always check the product before installation.
- DO NOT INSTALL DAMAGED PRODUCT!



### WARNING RISK OF ELECTRICAL SHOCK

- Always turn off the power before you perform installation and maintenance.
- Verify that supply voltage is correct for the specified voltage range of the luminaire shown on the label, i.e. 120-347V.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections must be capped with UL approved devices for this purpose.

### CAUTION: RISK OF INJURY

- Wear gloves and safety goggles at all times when removing luminaires from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the illuminated light source.
- Put aside small parts and dispose packing material properly, to prevent hazard to children.

### CAUTION: RISK OF FIRE

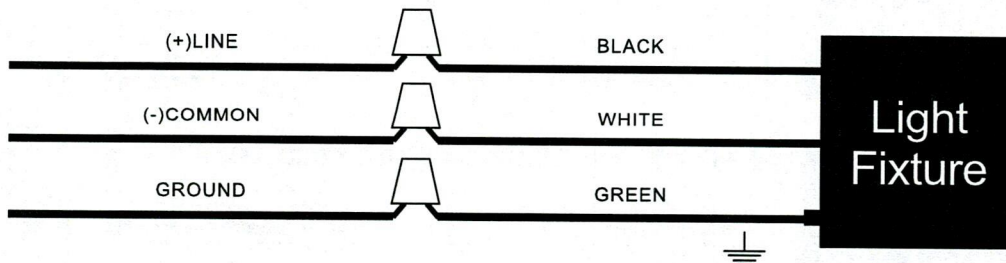
- Install and use only as intended according to UL, all applicable codes and regulations and these instructions.

**CAUTION:** Use weatherproof silicone sealant between the ceiling plate and mounting surface.

Illustrations in the manual are for installation purpose only. Installation may vary depending on the specific luminaire model.

### GENERAL WIRING DIAGRAM

**CAUTION:** Turn off electrical power by fuse or circuit breaker box before wiring fixture to the power supply .



# Garage & Canopy

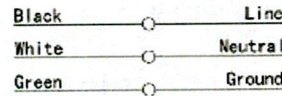
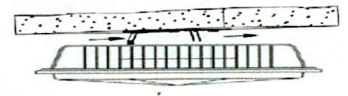
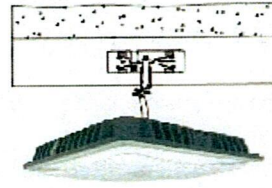
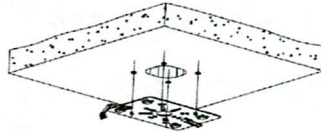
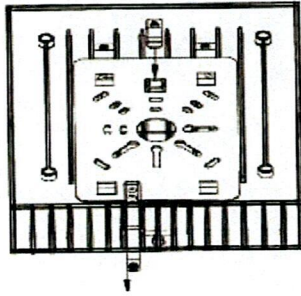
## 1.Surface-mounted with J-BOX

1.Before starting ensure that the electrical power is disconnected.  
Unpack fixture and ensure there is no damage.

2.Install the connecting plate onto the ceiling or junction box (supplied by others) and pull the wire through center hole.

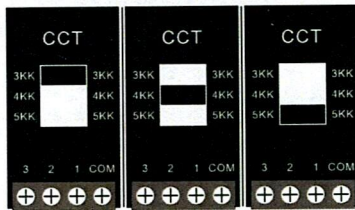
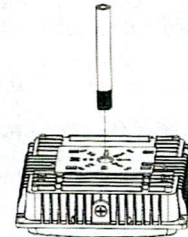
3. Hang the fixture onto the connecting plate while connecting the power cable as the demo.

4. Slide fixture back into the connecting plate and tighten the screw.



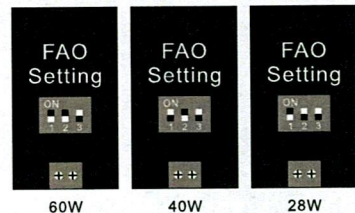
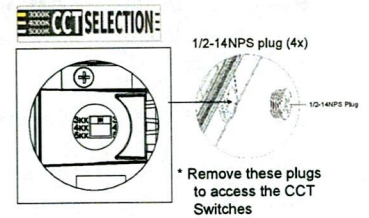
## 2.Pendent Installation with 3/4 inch conduit

- 1.Feed incoming power leads through pendant stem (supplied by others).
- 2.Hanging pipe connection must be rigid connection.
- 3.Wiring according to the schematic.
- 4.Screw pendant pipe up to the top of the device.
- 5.Be sure to wrap Teflon tape or silicone gel to thread of pipe to prevent moisture from entering.
- 6.Note: to ensure the protective performance of the product, the 1/2-14nps plug must be assembled with a torque of no less than 1.7N·m. Reassemble the 1/2-14nps plug with a torque  $\geq 1.7$  N·m after CCT or FAO switching for ingress prevention.



## 3.CCT switching position

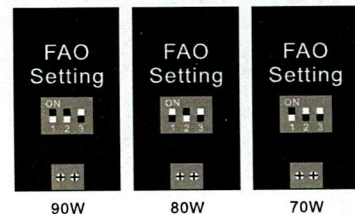
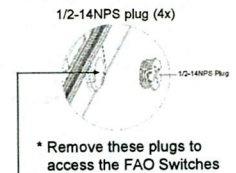
For 3000K set the switch to 3KK as shown.  
For 4000K set the switch to 4KK as shown (by default).  
For 5000K set the switch to 5KK as shown.



## 4.FAO switching position

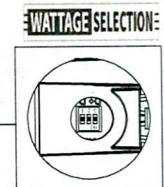
### 4.1 For GC60-SCT-G2-SM-5-10-BZ (MDU:On)

Wattage	Button1		Button2		Button3	
	ON	OFF	ON	OFF	ON	OFF
60W		√		√	√	
40W	√			√	√	
28W		√	√		√	



### 4.2 For GC90-SCT-G2-SM-5-10-BZ (MDU:On)

Wattage	Button1		Button2		Button3	
	ON	OFF	ON	OFF	ON	OFF
90W		√		√	√	
80W	√			√	√	
70W		√	√		√	



# Garage & Canopy

## 5. Sensor Function

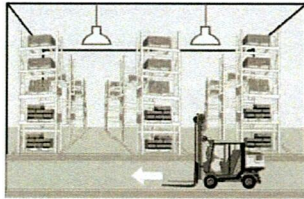
### 5.1 Initialization

Power on, the sensor automatically turns on light at 100% brightness. 10 seconds later, it turns off the light. During the initialization, the sensor is not able to detect movement. The fixture is recommended that the installation height of the fixture < 15m.

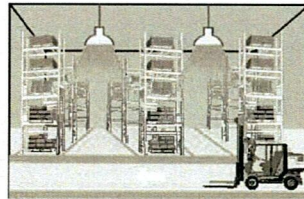
### 5.2 Operation Mode: Daylight Priority + 3-leveled dimming

3-leveled dimming function with Daylight priority

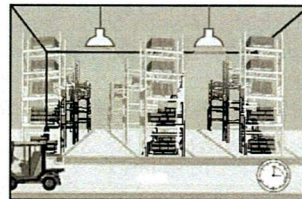
- When Daylight is enough, >150 lux, motion sensing will be switched off automatically, the light will be always off.
- With insufficient ambient light, <150 lux, motion sensing is activated automatically.
- When motion is detected, the light turns on to 100%, after 5 min, if no motion is sensed, the light dims to 50% until motion is detected again.



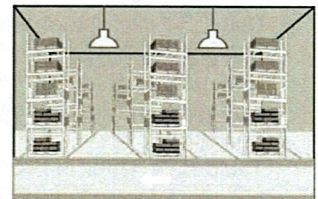
1 With sufficient ambient light, the light will not be switched on even if with motion signal.



2 With insufficient ambient light, the sensor switches on the light when motion is detected.



3 After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.

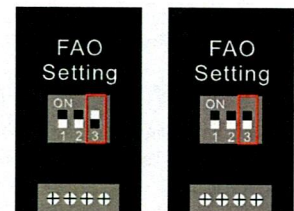


4 After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.

- Default detection area setting:  
GC60-SCT-G2-SM-5-10-BZ: 100% . GC90-SCT-G2-SM-5-10-BZ: 75%.

### 5.3 Turning the Sensor Off:

- 5.3.1 By Default, the Motion and Daylight sensor will be ON.
- 5.3.2 To Switch OFF the Sensor, move FAO Switch position 3 to the bottom position.
- 5.3.3 When the Sensor is turned OFF, the fixture will stay on 24/7.



Sensor ON  
(Default)

Sensor OFF

### 5.4 Sensor Application Notice:

- 5.4.1 The distance between any inductive sensor luminaires should be greater than 3m.
- 5.4.2 According to installation height, note sensor detection area.
- 5.4.3 To prevent false trigger:

- 1) Avoid high-density objects, such as: metal, glass, concrete walls, etc., beyond the sensor detection area.
- 2) Avoid moving signals beyond the sensor detection area, such as: fan, DC motor, sewer pipe, air outlet, heavy rainfall, motion behind a thin wall, etc.
- 3) Avoid the shock & vibration environmental application.

5.4.4 The sensor programming always goes the process of initialization and Daylight Priority + 3-leveled dimming operational mode; to get customized setting, recommend to utilize the sensor remote, contact your dealer.

5.4.5 The parameters of the sensor may need to be reconfigured to adapt different installation environments, please refer to the remote instruction or contact the manufacturer.



2021.3.30 英文说明书更改  
2021.5.20 英文说明书更改  
2021.8.9 英文说明书更改  
2021.8.19 英文说明书更改  
2021.8.23 英文说明书更改

# KEENE

par  Signify

## Garage et plafonnier

GC60-SCT-G2-SM-5-10-BZ

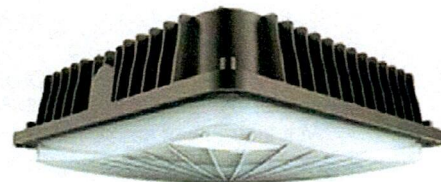
GC90-SCT-G2-SM-5-10-BZ

Luminaire DEL

### INFORMATION GÉNÉRALE SUR LA SÉCURITÉ

Afin d'éviter les dangers et pannes inutiles suite à une mauvaise utilisation, veuillez lire attentivement tous les avertissements et directives inclus dans les fiches techniques MI et sur toutes les étiquettes.

- Avant d'installer, de réparer ou d'effectuer un entretien de routine sur cet appareil, bien prendre note de ce qui suit : entrée de tension d'alimentation de 120-347V, fréquence 50/60 Hz
- Ce luminaire doit être installé correctement sur une boîte de jonction homologuée UL et mise à la terre
- Dans une installation commerciale, le service et l'entretien des luminaires doivent être effectués par un électricien sous licence qualifié
- Dans une installation résidentielle, toujours consulter un électricien sous licence qualifié et bien vérifier votre code de l'électricité local si vous avez un doute
- Toujours vérifier le produit avant l'installation
- NE JAMAIS INSTALLER UN PRODUIT ENDOMMAGÉ !



### ⚠ AVERTISSEMENT : RISQUE DE CHOC ÉLECTRIQUE

- Toujours couper l'alimentation avant d'installer ou d'entretenir
- S'assurer que la tension d'alimentation correspond à la plage de celle du luminaire indiquée sur l'étiquette, ex. : 120-347V
- Effectuer toutes les connexions électriques et de mise à la terre selon les exigences du Code de l'électricité national et toutes les exigences du code local applicables
- Toutes les connexions de câblage devraient être recouvertes de capuchons de connexions homologués UL convenant à cette fin

### ⚠ ATTENTION : RISQUE DE BLESSURES

- Porter des gants et des lunettes de sécurité en tout temps lorsque vous sortez les luminaires des boîtes, que vous réparez ou effectuez l'entretien
- Éviter tout contact direct entre les yeux et la source allumée
- Ranger toutes les petites pièces et jeter l'emballage puisqu'ils peuvent être dangereux pour les enfants

### ⚠ ATTENTION : RISQUE D'INCENDIE

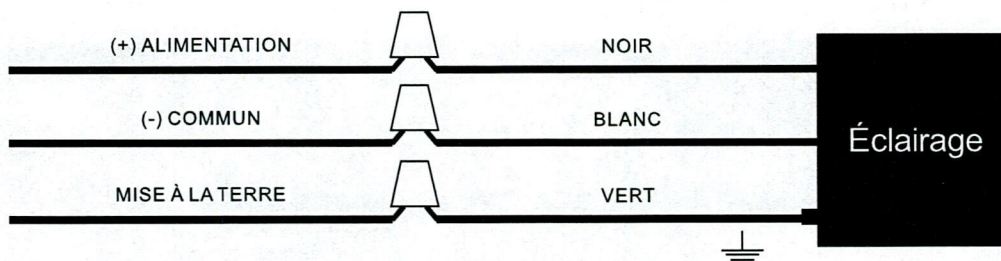
- Installer et utiliser seulement en respectant les exigences d'UL, de tous les codes et réglementations applicables et selon ces directives

**ATTENTION :** utiliser un joint de silicone imperméable entre le plafond et la surface de montage.

Les illustrations de ce manuel servent uniquement à des fins d'installation. L'installation peut varier selon le modèle spécifique du luminaire.

### SCHÉMA GÉNÉRAL DE CÂBLAGE

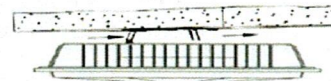
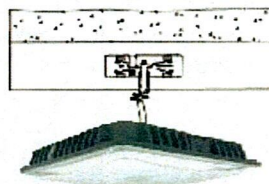
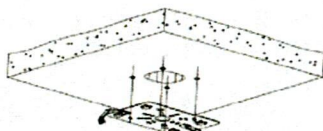
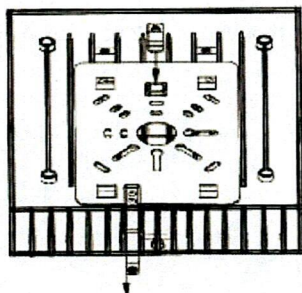
**ATTENTION :** coupez l'alimentation électrique à l'aide de fusibles ou d'un disjoncteur avant de connecter l'appareil à la source d'alimentation.



# Garage et plafonnier

## 1. Montage en saillie avec boîte de jonction

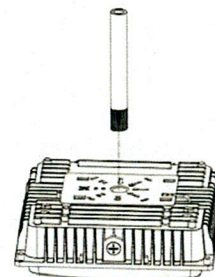
1. Avant de débiter vous assurez que l'alimentation est coupée. Sortir le luminaire de la boîte et s'assurer qu'il ne soit pas endommagé.
2. Installer la plaque de connexion sur le plafond ou sur la boîte de jonction (non incluse) et tirer le fil dans le trou central.
3. suspendre le luminaire sur la plaque de connexion pour le retenir en place pendant le câblage. Connecter le câblage comme illustré ci-dessous.
4. Remettre le luminaire sur la plaque de connexion et visser la vis.



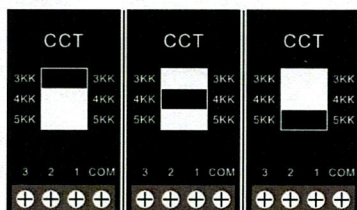
Noir — Alimentation  
Blanc — Neutre  
Vert — Mise à la terre

## 2. Installation suspendue avec conduit de 3/4 pouce

1. Insérer les fils d'alimentation dans la tige de suspension (non incluse).
2. La connexion dans un tuyau suspendu doit être une connexion rigide.
3. Effectuer le câblage selon le dessin.
4. Visser le tuyau suspendu sur le dessus du boîtier.
5. Afin d'empêcher l'humidité de s'infiltrer dans le luminaire, appliquer un ruban de téflon ou un gel de silicone autour du filetage du tuyau.
6. Remarque: pour assurer les performances de protection du produit, la prise 1/2-14nps doit être montée avec un couple d'au moins 1,7 N·m.

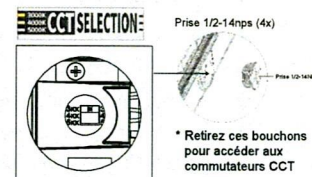


Pour éviter les infiltrations, remontez la fiche 1 / 2-14nps avec un couple  $\geq 1,7 \text{ N} \cdot \text{m}$  après la sélection de TCP ou FAO.



## 3. Position de transfert du TDC

Pour 3000K, mettez le bouton sur 3KK comme indiqué.  
Pour 4000K, mettez le bouton sur 4KK comme indiqué (par défaut).  
Pour 5000K, mettez le passage sur 5KK comme indiqué.



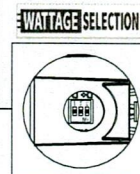
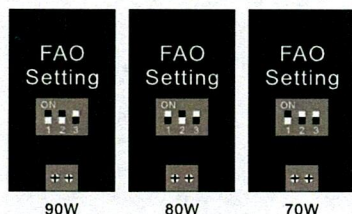
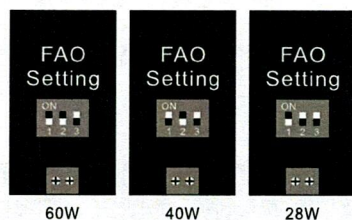
## 4. Position de la FAO

### 4.1 Pour GC60-SCT-G2-SM-5-10-BZ (MDU:On)

Puissance	Interrupteur1		Interrupteur2		Interrupteur3	
	ON	OFF	ON	OFF	ON	OFF
60W		√		√	√	
40W	√			√	√	
28W		√	√		√	

### 4.2 Pour GC90-SCT-G2-SM-5-10-BZ (MDU:On)

Puissance	Interrupteur1		Interrupteur2		Interrupteur3	
	ON	OFF	ON	OFF	ON	OFF
90W		√		√	√	
80W	√			√	√	
70W		√	√		√	





# Garage et plafonnier

## 5. Fonction du capteur

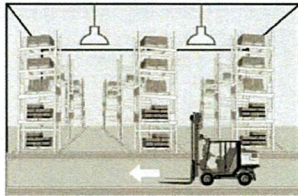
### 5.1 Initialization

de Allumé, le capteur allume automatiquement le luminaire à 100% de luminosité. 10 secondes plus tard, éteignez la lumière. Pendant initialisation, le capteur est incapable de détecter un mouvement. Il est recommandé d'installer l'appareil à une hauteur <15 m.

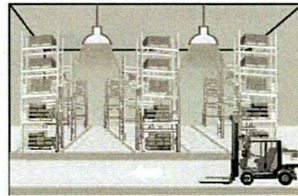
### 5.2 Mode de fonctionnement: Priorité lumière du jour + variation à 3 niveaux

Fonction de variation à 3 niveaux avec priorité à la lumière du jour

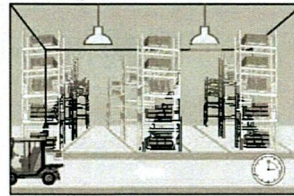
- Lorsque la lumière du jour est suffisante, >150 lux, la détection de mouvement s'éteint, la lumière est toujours éteinte.
- En cas de lumière ambiante insuffisante, <50 lux, la détection de mouvement est activée.
- Lorsqu'un mouvement est détecté, la lumière s'allume à 100%, après 5 minutes, si aucun mouvement n'est détecté, la lumière est tamisée à 50% jusqu'à ce qu'un mouvement soit à nouveau détecté.



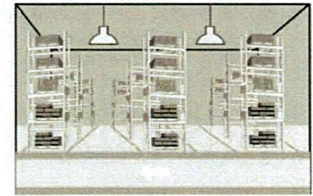
- 1 Avec suffisamment d'éclairage ambiant, la lumière ne s'éteindra pas même si le mouvement est détecté.



- 2 Avec trop peu d'éclairage ambiant, le capteur allume la lumière lorsque le mouvement est détecté.



- 3 Une fois le temps de rétention écoulé, le capteur atténue la lumière à faible niveau si un nouveau mouvement est détecté.



- 4 Une fois le temps de rétention écoulé, le capteur éteint la lumière lorsqu'aucun mouvement n'est détecté dans la zone de détection.

### 5.3 Éteignez l'interrupteur:

5.3.1 Par défaut, le capteur de mouvement et de lumière du jour sera activé.

5.3.2 Pour éteindre le capteur, déplacez la position 3 du commutateur FAO vers la position inférieure.

5.3.3 Lorsque le capteur est éteint, le luminaire reste allumé 24 heures sur 24, 7 jours sur 7.

### 5.4 Avis d'application du capteur:

5.4.1 La distance entre tout luminaire équipé d'un capteur inductif doit être supérieure à 3 mètres (9,8 pieds).

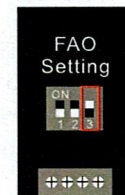
5.4.2 En fonction de la hauteur d'installation, observez la zone de détection du capteur.

5.4.3 Pour éviter une fausse activation:

- 1) Évitez les objets à haute densité, tels que: métal, verre, murs en béton, etc., au-delà de la zone de détection du capteur.
- 2) Évitez de déplacer les signaux au-delà de la zone de détection du capteur, tels que: ventilateur, moteur à courant continu, tuyau d'égout, sortie d'air, pluie, mouvement derrière une paroi mince, etc.
- 3) Évitez l'application environnementale de chocs et de vibrations.

5.4.4 La programmation du capteur passe toujours par le processus d'initialisation et de priorité de la lumière du jour + gradation à 3 niveaux Mode opérationnel; Pour un réglage personnalisé, il est recommandé d'utiliser la télécommande du capteur, contactez votre revendeur.

5.4.5 Les paramètres du capteur peuvent devoir être reconfigurés pour s'adapter à différents environnements d'installation, veuillez reportez-vous aux instructions de la télécommande ou contactez le fabricant.



Capteur activé  
(Défaut)



Capteur  
désactivé



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Téléphone 855-486-2216

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281 Hillmount Road,  
Markham, ON, Canada L6C 2S3  
Téléphone 800-668-9008

2021.3.30 法文说明书更改  
2021.8.9 法文说明书更改  
2021.8.19 法文说明书更改  
2021.8.23 法文说明书更改

**From:** [James Amor](#)  
**To:** [kc](#)  
**Subject:** SIGNIFY CANOPY  
**Date:** Saturday, May 06, 2023 6:56:24 AM  
**Attachments:** [62411797.pdf](#)

---

Hi KC,

The fixture cost is \$138.50.

Have a great weekend.

Thank You,

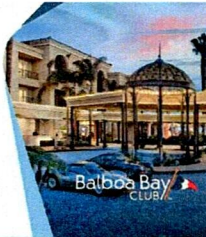
**James Amor**  
*Contractor & Distributor Sales*  
Forman & Associates  
cell: (310) 408-1370  
email: [james@formanandassociates.com](mailto:james@formanandassociates.com)



Expand What's Possible with 

*Save the Date*

 June 21<sup>st</sup>, 2023  3:00 PM - 8:00 PM



### Attending this event...





## CONSTRUCTION ELECTRIC, INC.

August 18, 2023

**Tilden-Coil Constructors**  
3612 Mission Inn Ave.  
Riverside, CA 92501

Attn: Mr. Bryant Ismerio

Re: **Riverside County Fire Station #41 North Shore**  
CM Job Number: **21029**  
Proposal Description: CEI COR 07 – Add (2) additional data drops at each outlet location  
Construction Electric, Inc. Job # 20221

Dear Mr. Ismerio,

Construction Electric Inc. has reviewed the above-referenced revision and has found changes to our scope. We are pleased to provide a price to you in the **(additional)** amount of **\$20,386.73 (Twenty Thousand Three Hundred Eighty-six Dollars and 73/100)** for the changes shown and work described below.

**Scope:** Add two CTA 6 data drops to each outlet location per RCIT meeting direction

**Drawings:** RCIT Meeting Notes

**Breakdown:** See attached itemized breakdown

**We acknowledge receipt of:**

- A: RCIT meeting notes directing work
- B: Field direction to proceed
- C: Subcontractor pricing

Pricing is firm for (15) days from date of this letter. If additional information is required, please do not hesitate to contact me.

Sincerely,  
**Construction Electric, Inc.**

*KC Lockhart III*

**KC Lockhart III**  
Project Manager  
cc: Job file



---

*Construction Electric, Inc. 18885 Van Buren Blvd., #4C Riverside, CA 92508 951-789-8350 951-789-8352 Fax*

---

## Fire Station #41

Change Order Request #07 - Add (2) additional data drops at each outlet

*Add (2) CAT 6 data drops to each outlet location & misc. changes per RCIT requirement meeting and job walk.*

i.	Material:	\$0.00
ii.	Equipment:	\$0.00
iii.	Labor:	\$0.00
iv.	Subtotal:	\$0.00
v.	Subcontractor performed work:	\$19,415.93
vi.	Subtotal	\$19,415.93
vii.	OH & Profit:	\$970.80
viii.	Subtotal:	\$20,386.73
ix.	Bond:	\$0.00
x.	TOTAL:	\$20,386.73



APPLE VALLEY COMMUNICATIONS Inc.  
 21845 HWY 18 APPLE VALLEY, CA 92307  
 760-247-2668 Fx 760-247-0087  
 DIR # 1000002294  
 CA, CONTRACTOR # 542642 C7/C10  
 ALARM LICENSE # ACO 3056

**Project Number: 35871CO-2**

**For :**

FIRE STATION NO. 41  
 Added Data Drops at Each Location

**RIVERSIDE COUNTY-FACILITIES MANAGEMENT**

, 92254

**Project Site:**

Fire Station No. 41  
 99-065 Corvina Dr.  
 North Shore, CA 92254

Mfr-Part No.	Qty	Description	Unit Price	Extended
--------------	-----	-------------	------------	----------

THANK YOU FOR CHOOSING  
 APPLE VALLEY COMMUNICATIONS

**DIR #1000002294**

**Scope**

- \* Added data drops per Riverside County Fire Technology requirements.
- \* When budgetary number was proposed, (2) data drops were proposed at each location, because requirements were not provided at time of budgetary proposal.

**Voice Data Equipment:**

COMSCOPE-760180 059 UNP-6-DM-2U-4 8	2	black category 6 non shielded 2 RU 48-port distribution module p		
Chatswort-30530-719	2	HORIZ MGR,DBL,19",2U		
COMSCOPE-M14L-2 46	25	4 Port Modular - Flushmount Face plate (white)		
COMSCOPE-UNJ600 -BL	25	CAT 6 Jack Blue		
COMSCOPE-UNJ600 -YL	25	CAT 6 Jack - Yellow		
COMSCOPE-UNJ600 -GR	25	CAT 6 Jack - Green		
COMSCOPE-UNJ600 -OR	25	CAT 6 Jack - Orange		

**Data Cable:**

COMSCOPE-UN8740 49914/10	10	CS34P ETL Verified Category 6 U/UTP Cable, plenum, blue jacket,		
-----------------------------	----	---	--	--

Mfr-Part No.	Qty	Description	Unit Price	Extended
<b>Credits:</b>				
COMSCOPE-M12L-2 62	-25	2 port modular faceplate (white)		
COMSCOPE-UNJ600 -BL	-25	CAT 6 Jack Blue		
(Not All Line Items Apply To Every Proposal)				
1 Miscellaneous Material				
Demo Mobilization / Laydown J-Hooking / Stringing Site Work / Backbone Cabling / Inner Duct Horizontal Cabling Head End / MDF Term. / Control Panel IDF / FCPS / Terminal Cabinets Ladder Racking / Bonding Trim Out Programming Labeling / Testing Clean-Up Site Admin- Asbuilts / Dailies / Safety Tailgates/Site Safety Customer Training Design / Submittals				
Shipping Rental Item Sub Contractor Permit Fees				

Mfr-Part No.	Qty Description	Unit Price	Extended		
	<p><b>Exclusions</b></p> <ul style="list-style-type: none"> <li>* Excludes all conduit, sleeves, terminal cans, junction boxes</li> <li>* Excludes access hatches, race way, plywood backboard's,</li> <li>* Excludes fire caulking, back boxes, ceiling tiles, 120 VAC power,</li> <li>* Excludes patching and painting of any kind unless otherwise noted above. Also excludes all PC's, UPS'</li> <li>* Excludes network switches, PDU's, or any source equipment unless specifically mentioned or listed above.</li> <li>* Excludes the physical installation of the Duct Detectors and the control cabling between the units and the Duct Detectors. ( Work to be performed by the Mechanical Contractor)</li> <li>* Excludes Suppression system panel and all equipment associated with its installation and operation regardless of which specification section the equipment is found under.</li> </ul> <p style="text-align: center;">***** Estimate *****</p> <p style="text-align: center;"><u>For informational purposes only</u></p> <p>This document is NOT a contract. This is a best efforts estimate of costs associated with the plans and specifications. All terms and conditions shall be formalized at a later date, in a final and binding written contract between the parties.</p> <p style="text-align: center;"><b>For all contract documents please use our legal name Apple Valley Communications Inc.</b></p>				

Does not Include Permits, Bonds, Special Insurance Requests, Waiver of Subrogation, Primary and Non-Contributory Wording or Omnibus Wording.

This is Valid for 30 Days.

Client Signature: \_\_\_\_\_ Date: \_\_\_\_\_

John Marks, Estimator  
3/7/2023

CA Sales Tax	\$	341.21
Project Total:	\$	<u>19,415.93</u>

**From:** [Bardos, Phillip@CALFIRE](mailto:Bardos.Phillip@CALFIRE)  
**To:** [Sergio Lopez](mailto:Sergio.Lopez)  
**Cc:** [Brock Mendenhall](mailto:Brock.Mendenhall); [Drew Collins](mailto:Drew.Collins); [Murawski, Matthew@CALFIRE](mailto:Murawski.Matthew@CALFIRE); [Koenemann, Austin@CALFIRE](mailto:Koenemann.Austin@CALFIRE); [kc](mailto:kc); [Jon Rad](mailto:Jon.Rad); [Lent, Peter@CALFIRE](mailto:Lent.Peter@CALFIRE)  
**Subject:** RE: Fire Station 41 - Low Voltage Job Walk  
**Date:** Wednesday, June 28, 2023 3:48:53 PM  
**Attachments:** [image001.png](#)

---

Thank you Sergio (and Brock) for the Notes.

Here are the answers to your questions:

#1 – The app bay speakers and the speakers to be used outside are the Bogen SPT15A Horn Loudspeaker

#2 – 10' AFF near the electrical room will work

#10 – Horn speaker part # is Bogen SPT15A and the volume control is the SPEC0 WAT10.

Thank you again for meeting with us yesterday and everything else looked great! Sorry for the delay, was out in the field again today.

Please let me know if you have any questions,

Thank you,

**Phillip Bardos**

**CAL FIRE / RIVERSIDE COUNTY FIRE**

Communications/IT

Office: 951-940-6737

Cell: 951-453-8426

**From:** Sergio Lopez <[slopez@tilden-coil.com](mailto:slopez@tilden-coil.com)>

**Sent:** Tuesday, June 27, 2023 3:36 PM

**To:** Bardos, Phillip@CALFIRE <[Phillip.Bardos@fire.ca.gov](mailto:Phillip.Bardos@fire.ca.gov)>

**Cc:** Brock Mendenhall <[bmendenhall@tilden-coil.com](mailto:bmendenhall@tilden-coil.com)>; Drew Collins <[dcollins@tilden-coil.com](mailto:dcollins@tilden-coil.com)>; Murawski, Matthew@CALFIRE <[Matthew.Murawski@fire.ca.gov](mailto:Matthew.Murawski@fire.ca.gov)>; Koenemann, Austin@CALFIRE <[Austin.Koenemann@fire.ca.gov](mailto:Austin.Koenemann@fire.ca.gov)>; kc <[kc@constructionelectric.com](mailto:kc@constructionelectric.com)>; Jon Rad <[jradcei@gmail.com](mailto:jradcei@gmail.com)>

**Subject:** RE: Fire Station 41 - Low Voltage Job Walk

**Warning:** this message is from an external user and should be treated with caution.

Team,

Please see below for a recap of what was discussed on our site walk with Apple Valley and RVC Fire.



CEI, please forward this to Apple Valley.

1. App Bay Speaker are to be horns in lieu of standard ceiling mount speaker. (CEI to provide 4S box at each location)
2. Data @ 10' High is missing (CEI to install) (RVC fire to advise if this can be relocated to 10' above electrical room)
3. Fire alarm bell out on west wall outside of the fire riser room
4. Alpha wire 1896/4C SL 005 is RVC fire's wire of choice. They are aware it is not shielded.
5. 6 Dorm room speakers (RVC FIRE to provide to Apple Valley) (Apple Valley to provide TCC SPEC0 volume controls for RVC fire to install overrides and return)
6. Unistrut speaker at gym missing conduit. (CEI to provide)
7. WAPs (RVC Fire to provide to Apple Valley)
8. 2 power dedicated circuits in IT room, CEI has the Two Circuits per Jon above IT room Lid, Jon will run after IT rack is installed.
9. (TCC to look into if power was shown under TV. For DVD players/ Video Game Console ETC.) NO POWER IN SHOWN UNDER THE TV. ONLY AT 84" AFF
10. Conduit to hose house pull rope. CEI Jon will see if he can add one to hose house.
11. Base radio just use IT conduit in watch office which goes back to IT room - delete radio cabinet.
12. RVC fire has reviewed and accepted outdoor horn speaker locations.
13. RVC fire to confirm Horn Speaker Part number, Volume control part number. Apple Valley to verify.

Thank you,

Sergio Lopez  
Project Engineer

**Tilden-Coil Constructors**

*Building with Integrity Since 1938*

P: 951.684.5910

Cell: 951.206.3586



RIVERSIDE COUNTY FIRE DEPARTMENT  
Fire Station Technology Requirements

Rev 7.19.22

---

#### 4-Port Data Jacks Detail

- Where data jacks are called for in the plans:
  - Cat6 will be used for all data jacks
  - All Cat 6 will be ran through D-rings in attic/crawl space
  - Jacks will be terminated with RJ45 connectors
  - Data jacks will have 4 ports and the keystone colors will be Blue, Yellow, Green, Orange
  - Data jacks will be terminated to a rack mounted patch panel in the server room and labeled

#### Volume Control and In-room Speaker Details

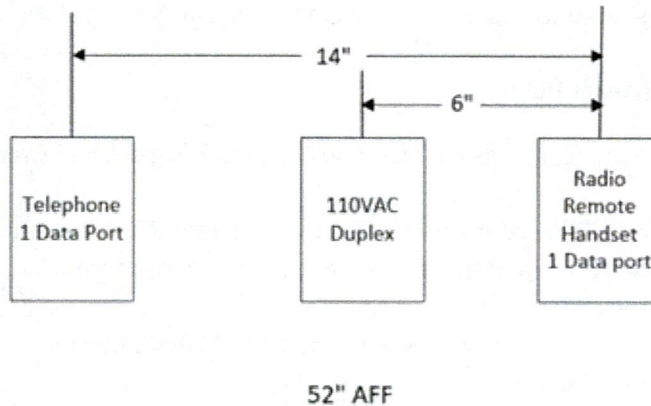
- A wall-mounted deep double gang box with a single gang mud ring will be installed at every volume control location
- ¾" conduit will be ran for volume controller/speaker wiring from the deep double gang box to approximately 4" into the attic/crawl space. If attic/crawl space is inaccessible, conduit will need to be ran to the server room.
- All wiring for volume control speakers will be a 4 conductor 20 AWG Cable
  - 'Alpha Wire' Part #1896/4C SL005
- Each volume control will have a labeled home run to the server room backboard which will be terminated by RVC Fire.
- Each volume control location will have:
  - a minimum 12" service loop of speaker cable at the deep double gang box from the server room.
- Each speaker location shall have:
  - a cable run to the local volume control with a minimum 12" service loop at the deep double gang box
  - a minimum 24" service loop in the ceiling
  - a 'SPECO Ceiling Speaker Support for False Ceiling'
    - Part #SPC-TS8
  - a 'SPECO Ceiling Speaker Back Can'
    - Part #STH8
- Outside speaker locations shall have a round electrical box installed for mounting purposes.

#### VHF Antenna Mount Details

- A 2" rigid conduit with pull string shall be installed from the server room to the roof.
- The conduit roof penetration shall be near the highest point of the roof or a location identified during pre-construction meetings and shall extend 3' about the roof line and fitted with a weather head to allow cabling to the antenna.
- The conduit shall be mounted in a manor at the roof to allow for a sturdy antenna mount.

### Remote/Phone Details

- Where called for in the plans, a wall mounted telephone and radio remote control require the following:
  - 2 single port wall mount phone plates will be installed approximately 52" AFF and 14" apart from each other
  - 1 110VAC duplex will be installed between the single port wall mount phone plates at approximately 6" from the right port as identified below.



### 2.4 Apparatus Bay Access point

- Where a 2.4 access point is called for in the plans:
  - 1 - 4 port data jack will be installed approximately 10'-12' AFF within the apparatus bay as determined by the plans
  - 1 110VAC duplex will be installed approximately 4" from and at the same height as the data jack

### Indoor Wireless Access Point

- Where an indoor wireless access point is called for in the plans:
  - Cat6 wiring will be homerun through the requested D-rings, labeled and terminated at the patch panel in the Server Room.
  - there shall be a 24" service loop of Cat6 in the ceiling
  - A round electrical box for mounting shall be placed in the ceiling.

### Doorbell Details

- A single homerun of 4 conductor 20 AWG cable (part # below) will be ran through the requested D-rings and labeled to the server room with a 24" service loop adjacent to the backboard.
  - 'Alpha Wire' Part #1896/4C SL005

### **MPOE to Server Room Pathways**

- A minimum of 4 – 2" conduits shall be run from the MPOE to the server room for RVC Fire use.

### **Server Room Details**

- A telco/ISP approved pathway needs to exist from street infrastructure to the server room
- A standard width 19", grounded rack will be required
- Either a floor mount or wall mount rack will suffice dependent upon available space
- A minimum 28U will be required
- 3 walls will require 36" x 36"  $\frac{3}{4}$ " fire rated backer board for the mounting of ancillary equipment
- A minimum of 2 110VAC 20A dedicated circuits will be required and located adjacent to the rack
- A minimum of 1 110VAC 20A dedicated circuit will be required and located above the rack
- When space allows, cable management trays will be installed between backer board and the rack



CONSTRUCTION ELECTRIC, INC.

August 13, 2023

**Tilden-Coil Constructors**

3612 Mission Inn Ave.  
Riverside, CA 92501

Attn: Mr. Bryant Ismerio

Re: **Riverside County Fire Station #41 North Shore**

CM Job Number: **21029**

Proposal Description: CEI COR 12 – Relocate Uplight to new location for Station 41 sign.

Construction Electric, Inc. Job # 20221

Dear Mr. Ismerio,

Construction Electric Inc. has reviewed the above-referenced revision and has found changes to our scope. We are pleased to provide a price to you in the (additional) amount of **\$1,927.71** (One Thousand Nine Hundred Twenty-seven Dollars and 71/100) for the changes shown and work described below.

**Scope:** Intercept & extend UG pathway & wiring to new location for relocate upright

**Drawings:** See attached Log

**Breakdown:** See attached itemized breakdown

**We acknowledge receipt of:**

A: Request for pricing

B: Field direction after RCF walk to proceed

C:

Pricing is firm for (15) days from date of this letter. If additional information is required, please do not hesitate to contact me.

Sincerely,

**Construction Electric, Inc.**

*KC Lockhart III*

**KC Lockhart III**

Project Manager

cc: Job file



---

*Construction Electric, Inc. 18885 Van Buren Blvd., #4C Riverside, CA 92508 951-789-8350 951-789-8352 Fax*

---

## **Fire Station #41**

### **Change Order Request #12 - Relocate Uplight to illuminate 41 Letters**

*Trench, back fill & extend pathway / wiring to 41 letters on wall*

i.	<b>Material:</b>	<b>\$89.81</b>
ii.	<b>Equipment:</b>	<b>\$795.00</b>
iii.	<b>Labor:</b>	<b>\$767.66</b>
iv.	<b>Subtotal:</b>	<b>\$1,652.47</b>
v.	<b>Subcontractor performed work:</b>	<b>\$0.00</b>
vi.	<b>Subtotal</b>	<b>\$1,652.47</b>
vii.	<b>OH &amp; Profit:</b>	<b>\$247.87</b>
viii.	<b>Subtotal:</b>	<b>\$1,900.34</b>
ix.	<b>Bond:</b>	<b>\$27.36</b>
x.	<b>TOTAL:</b>	<b>\$1,927.71</b>

# CHANGE ORDER REQUEST

**Construction Electric, Inc.**  
 18885 Van Buren Blvd., 4C  
 Riverside, CA 92508

**CCN #** 12  
**Date:** 8/26/2023  
**Project Name:** FIRE STATION #41  
**Project Number:** 20221  
**Page Number:** 1

Client Address:

**TILDEN-COIL CONSTRUCTORS**  
 Contact: Bryant Ismerio  
 3612 Mission Inn Ave  
 Riverside, CA 92501

---

**Work Description**

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**Itemized Breakdown**

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Description	Qty	Total Mat.	Total Hrs.
3/4" PVC	40	35.74	1.44
3/4" PVC COUPLING	4	2.03	0.40
3/4" PVC 90 DEG ELBOW	2	3.76	0.38
#12 THHN BLACK	176	41.82	1.06
HAND DIGGING	1	0.00	4.75
<b>Totals</b>	<b>223</b>	<b>83.35</b>	<b>8.03</b>

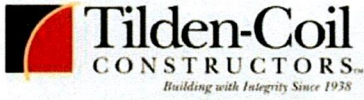
---

**Summary**

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General Materials		83.35
Material Tax	(@ 7.750 %)	6.46
<b>Total Material</b>		<b>89.81</b>
FOREMAN	(4.02 Hrs @ \$98.39)	395.53
INSIDE WIREMAN	(4.02 Hrs @ \$92.57)	372.13
TRENCHER MACHINE	(1.00 @ 1.00 @ \$795.00 + 0.000 %+ 0.000 % + 0.000 %)	795.00
<b>Subtotal</b>		<b>1,652.47</b>
Markup	(@ 15.000 %)	247.87
<b>Subtotal</b>		<b>1,900.34</b>
BOND	(@ 1.440 %)	27.36
<b>Final Amount</b>		<b>\$1,927.70</b>

ORIGINAL



**Tilden-Coil Constructors**  
3612 Mission Inn Ave.  
Riverside CA 92501

**REQUEST FOR INFORMATION**

**IC091**

Printed On: Aug 11, 2023  
Page: 1 of 1

**Subject:** Uplight for 41 Sign

**Date:** Aug 11, 2023

**Project:** Riverside County Fire Stations 41

**Job:** 21-029

**Address:** 99064 Seaview Dr  
Mecca CA 92254

**Required:** Aug 18, 2023

**Phone:** 951-955-6622

**Fax:**

**Estimated Cost Impact:**

**Estimated Days**

**To:** KC Lockhart III

Construction Electric, Inc.

**From:** Sergio Lopez

Tilden-Coil Constructors

**Co-null**

**Contact:**

**Co-Author RFI**

**Reference:**

RFI As-built Date  
BIM Related RFI

RFI As-built  
BIM Model

**Request:**

References: E1.1-

Per RVC fire request, the "41" sign is to be illuminated. There is no infrastructure at the wall were the sign is to be installed. We suggest installing an upright in the planter area below the sign using one of the flagpole circuits that were abandoned. Please provide a revise E1.1 sheet reflecting this change and specify what upright is to be used.

**Suggestion:**

**Answer:**  **Accept Suggestion**

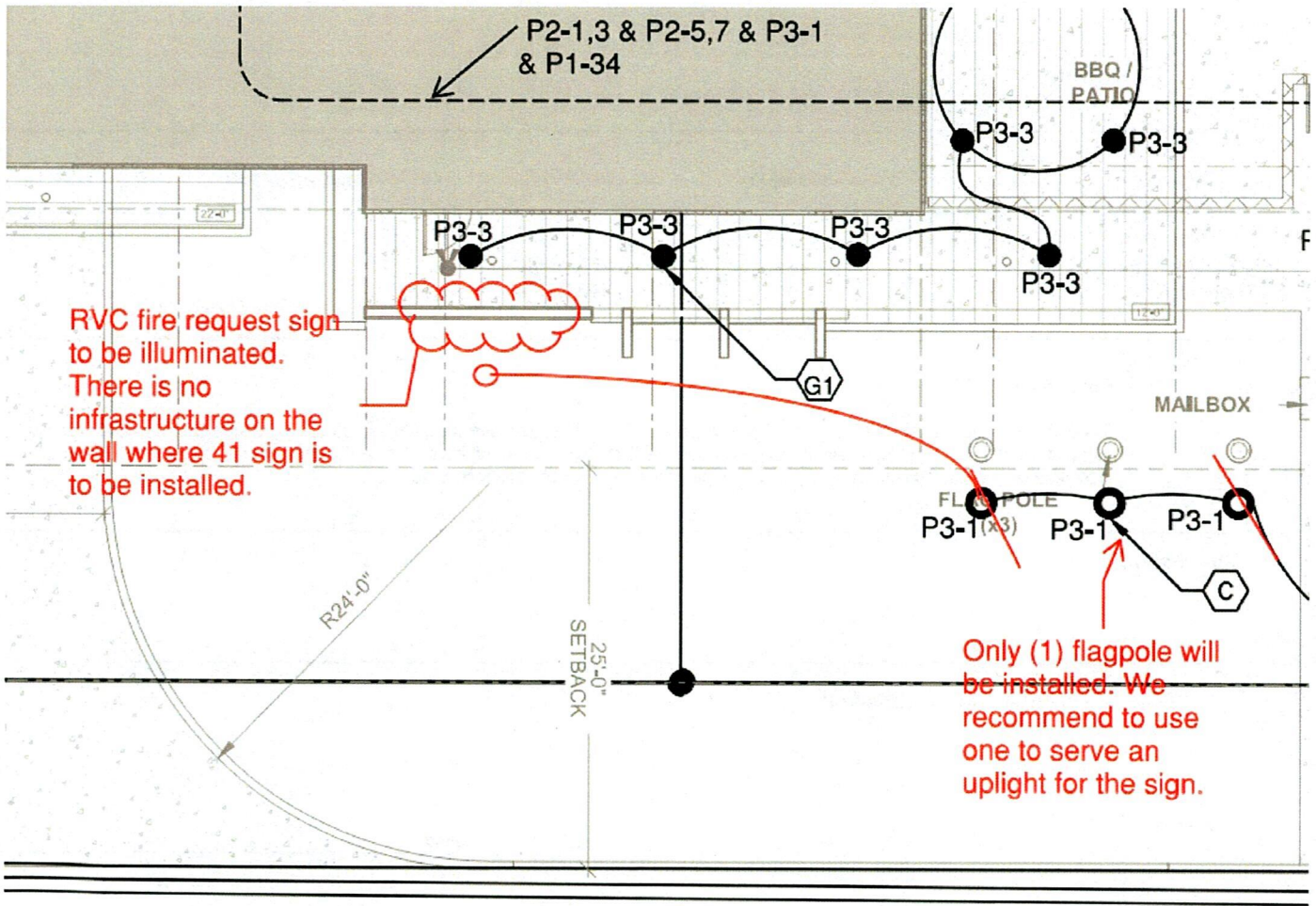
**Answered By:**

**Signed:** \_\_\_\_\_

**Date:**

**Distribution:**





# SEA VIEW DRIVE



CONSTRUCTION ELECTRIC, INC.

October 3, 2023

**Tilden-Coil Constructors**

3612 Mission Inn Ave.  
Riverside, CA 92501

Attn: Mr. Bryant Ismerio

**Re: Riverside County Fire Station #41 North Shore**

CM Job Number: **21029**

Proposal Description: CEI COR 21 – Add control pathways for folding doors in App Bay  
Construction Electric, Inc. Job # 20221

Dear Mr. Ismerio,

Construction Electric Inc. has reviewed the above-referenced revision and has found changes to our scope. We are pleased to provide a price to you in the (additional) amount of **\$5,368.91** (Five Thousand Three Hundred Sixty-eight Dollars and 91/100) for the changes shown and work described below.

**Scope:** Pick up & extend controls conduit across App Bay for added controls station

**Drawings:** See attached Log

**Breakdown:** See attached itemized breakdown

**We acknowledge receipt of:**

A: Field directive to proceed

B: Job walk with related contractor

C: E-mail directive to proceed

Pricing is firm for (15) days from date of this letter. If additional information is required, please do not hesitate to contact me.

Sincerely,

**Construction Electric, Inc.**

*KC Lockhart III*

**KC Lockhart III**

Project Manager

cc: Job file



---

*Construction Electric, Inc. 18885 Van Buren Blvd., #4C Riverside, CA 92508 951-789-8350 951-789-8352 Fax*

---

## Fire Station #41

### Change Order Request #21 - Added controls pathway folding doors

*Add control pathway across App Bay*

i.	<b>Material:</b>	<b>\$1,075.01</b>
ii.	<b>Equipment:</b>	<b>\$536.60</b>
iii.	<b>Labor:</b>	<b>\$2,990.74</b>
iv.	<b>Subtotal:</b>	<b>\$4,602.35</b>
v.	<b>Subcontractor performed work:</b>	<b>\$0.00</b>
vi.	<b>Subtotal</b>	<b>\$4,602.35</b>
vii.	<b>OH &amp; Profit:</b>	<b>\$690.35</b>
viii.	<b>Subtotal:</b>	<b>\$5,292.70</b>
ix.	<b>Bond:</b>	<b>\$76.21</b>
x.	<b>TOTAL:</b>	<b>\$5,368.92</b>

# CHANGE ORDER REQUEST

**Construction Electric, Inc.**  
18885 Van Buren Blvd., 4C  
Riverside, CA 92508

**CCN #** 21  
**Date:** 10/3/2023  
**Project Name:** FIRE STATION #41  
**Project Number:** 20221  
**Page Number:** 1

Client Address:

**TILDEN-COIL CONSTRUCTORS**  
Contact: Bryant Ismerio  
3612 Mission Inn Ave  
Riverside, CA 92501

---

## Work Description

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## Itemized Breakdown

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Description	Qty	Total Mat.	Total Hrs.
3/4" EMT CONDUIT	200	517.16	10.00
3/4" EMT STL SS CPLG	25	32.41	2.50
3/4" EMT INSUL STL SS CONN	16	24.51	1.60
3/4" EMT 1-H STEEL STRAP	81	89.03	4.37
3/4" LT FLEX	48	200.16	2.38
3/4" LT STRAIGHT CONN	8	59.11	1.36
3/4" FIELD CUT KO	12	60.00	4.80
POLYTWINE	220	3.00	0.66
#8x 1 P/H SELF-TAP SCREW	33	4.74	0.92
#10x 2 WOOD SCREW	48	7.58	1.82
CLEAN-UP	1	0.00	0.58
<b>Totals</b>	<b>692</b>	<b>997.69</b>	<b>31.00</b>

---

## Summary

---

General Materials		997.69
Material Tax (@ 7.750 %)		77.32
<b>Total Material</b>		<b>1,075.01</b>
FOREMAN (15.50 Hrs @ \$97.02)		1,503.81
INSIDE WIREMAN (15.50 Hrs @ \$92.06)		1,426.93
PER-DIEM (4.00 Hrs @ \$15.00)		60.00
SCIZZOR LIFT RENTAL (1.00 @ 0.00 @ \$498.00 + 7.750 %+ 0.000 % + 0.000 %)		536.60
<b>Subtotal</b>		<b>4,602.35</b>
Markup (@ 15.000 %)		690.35
<b>Subtotal</b>		<b>5,292.70</b>
BOND (@ 1.440 %)		76.21
<b>Final Amount</b>		<b>\$5,368.91</b>

ORIGINAL

**From:** [Miles Morales](#)  
**To:** [kc](#)  
**Cc:** [Sergio Lopez](#); [Drew Collins](#)  
**Subject:** Fire Station 41 Added Controls Four Folding Doors  
**Date:** Tuesday, October 03, 2023 10:13:26 AM

---

Per conversation please proceed with added 4 pathways for the four folding doors to the south.

Miles Morales

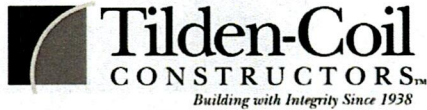
*Project Superintendent CISEC, QSP*

**Tilden-Coil Constructors**

*Building with Integrity Since 1938*

C: 951-233-2231





3612 Mission Inn Avenue  
 Riverside, California 92501  
 951.684.5901 / 951.684.0725 - fax

## Request for Change Order Authorization

Riverside County Fire Stations 41  
 99064 Seaview Dr  
 Mecca, CA 92254

**Project #** 21-029

**Change Order Request:** COR026

**Date:** 2023-12-13

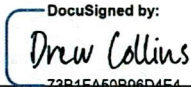
**To:** Dominick Lombardi  
 County of Riverside  
 3133 Mission Inn Ave  
 Riverside, CA 92507

**From:** Tilden-Coil Constructors, Inc.  
 3612 Mission Inn Ave.  
 Riverside, CA 92501

Description		Status
Additional Owner Requested Changes		4. Approved
Reference	Required By	Days Req
		Amt Req
		\$57,781.00
Notes		
Change Type	Reason	
Change Order		

Item No.	Item Description	Amount	Contract Number
1	Added Bollards in App Bay	\$1,000.00	
2	Concrete Hose Ramp Notches	\$9,766.00	21-029-027
3	Paint Tectum Panels	\$8,410.00	21-029-026
4	Gym Wall Base	\$3,500.00	21-029-022
5	Hydroseeding Due to IID Work	\$15,423.00	21-029-035
6	Re-Install Neighbor Fence Panels	\$1,208.00	21-029-029
7	Wall Caps and Base Flashing	\$4,206.00	21-029-024
8	Lobby Finish Revisions (Plumbing)	\$5,098.00	21-029-017
9	Lobby Finish Revisions (Drywall)	\$5,874.00	21-029-012
1	OH&P - 5%	\$2,724.00	
2	Bond - 1%	\$572.00	

**Submitted by:**

Signature   
 Name Andrew Collins, Tilden-Coil Constructors, Inc.

12/13/2023 | 5:26 PM PST  
 Date

**Approved By:**

Signature   
 Name Dominick Lombardi, County of Riverside

1/12/2024 | 2:25 PM PST  
 Date



1-800-295-5510  
uline.com

## ORDER CONFIRMATION

ORDER # 6038856  
PO # SERGIO  
SHIPMENT 1 of 1

Thank you for your order!

**SOLD TO:** TILDENCOIL  
99064 SEA VIEW DR  
MECCA CA 92254

**SHIP TO:** TILDENCOIL  
99064 SEA VIEW DR  
MECCA CA 92254

CUSTOMER NUMBER			SHIP VIA	ORDER DATE	WILL SHIP	TERMS
26600460			UPS GROUND	09/08/23	09/08/23	MASTER CARD
QUANTITY	U/M	ITEM NUMBER	DESCRIPTION	UNIT PRICE	EXT. PRICE	
2	KT	H-2119R	STANDARD SAFETY BOLLARD - 4.5 X 42", REMOVABLE	130.00	260.00	
2	EA	H-4974	REMOVABLE BASE FOR 4.5 DIAMETER PART OF KIT	.00	.00	
2	EA	H-2119F	STANDARD SAFETY BOLLARD - 4.5 X 42", FIXED PART OF KIT	.00	.00	
2	EA	H-10463	BOLLARD BASE COVER - 4.5"	45.00	90.00	
2	CT	H-2121	CONCRETE INSTALLATION KIT FOR SAFETY GUARDS	23.00	46.00	

SUB-TOTAL  
396.00

SALES TAX  
30.81

SHIPPING/HANDLING  
67.96

TOTAL  
494.77

**NOTE:**

DELIVERY TIME 1 BUSINESS DAY VIA UPS GROUND.  
ATTENTION: SERGIO LOPEZ  
TRACK YOUR ORDERS ON [ULINE.COM/TRACK](http://ULINE.COM/TRACK)



**DeVries Construction**

3440 W Warner Avenue  
 Suite L  
 Santa Ana CA 92704  
 949-364-3816

License: 786273

**Change Order**

Order#: 269-16.1

Order Date: 10/20/2023

**To:** Tilden-Coil Constructors  
 3612 Mission Inn Avenue  
 Riverside CA 92501

**Project:** 10269  
 Riverside County Fire Station 41  
 3612 Mission Inn Avenue  
 3612 Mission Inn Avenue  
 Riverside CA 92501

The contractor agrees to perform and the owner agrees to pay for the following changes to this contract.

Plans Attached

**Ordered By:** 1453 Steven Kirkham

**Customer Order:**

Specifications Attached

Description of Work	COST	OVERHEAD %	PROFIT %	Amount
Working Foreman 36 Hrs	3,540.60	15.00		4,071.69
Carpenter 36 Hrs	3,193.20	15.00		3,672.18
Medusaw Skillsaw with Blades 6 Days with Diamond Blades	825.00	15.00		948.75
Crack Chaser Blade plus Shipping	250.00	15.00		287.50
Hotel 3 Nights	600.00	15.00		690.00
Bond	96.70			96.70

**Notes**

Change Groove Design in Hose Drying Rack to 1/2" V crack chaser pattern .

Negative changes will lower the overall contract price requiring no additional payment by owner.

**Requested Amount of Change**

**9,766.82**

The original Contract Sum was .....	699,603.00
Net change by previous Change Orders .....	12,050.00
The Contract Sum prior to this Change Order .....	711,653.00
The Contract Sum will be changed by this Change Order .....	9,766.82
The new Contract Sum including this Change Order will be .....	721,419.82
The Contract Time will be changed by .....	0 Days

Owner: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_ Date: \_\_\_\_\_





# DAVISON + MOORE

COMMERCIAL FLOORING

## PROPOSED CHANGE ORDER #3

DATE:	11/29/2023	JOB NAME:	Riverside County Fire 41
CUSTOMER:	Tilden Coil Constructors 3612 Mission Inn Ave Riverside CA, 92501	ADDRESS:	99054 Sea View Dr. Mecca, California 92254
ATTENTION:	Drew Collins	ARCHITECT:	N/A
PHONE:	(951) 551-9552	PLAN DATE:	

We propose to furnish and install the following materials, all tax and freight included:

QTY	ITEM	DESCRIPTION	AMOUNT
80	LF	Install Base	Furnish and Install 12" Wall Base with Metal Square Cap - US Rubber, Survivor 8mm Roll Rubber, Color Red and Black
1	EA	Additional Labor	Trip Charge (2Men / 4 Hrs = 8 Hrs @ \$75.00 / Hr. Plus \$200.00 Subsistence
<b>TOTAL AMOUNT</b>			<b>\$3,500.00</b>

**EXCLUSIONS:**

**PRICING HELD FOR 30 DAYS FROM PROPOSAL DATE ABOVE.  
50% DEPOSIT REQUIRED PRIOR TO ORDER ENTRY. BALANCE PROGRESS BILLED. FINAL DUE NET UPON COMPLETION.**

State Contractors License No. 1006790

Davison & Moore LLC

ACCEPTED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

PRESENTED BY: Robert Alvarez  
 DATE: 11/29/2023

**Time and Materials Report**Report Date 11/20/2023**Project** - Fire Station-No 41 No Shore**Customer** - Tilden Coil Constructors Inc.**Scope**

SEE ATTACHED WORK DETAIL

NO CHARGE FOR ERIC BARNETT - ONSITE CONSULTATION

**Materials**

Vendor	Date	PO#	Invoice#	Amount
APH	11/8/2023	31854		\$7,500.00

<b>Total Materials</b>	<b>\$7,500.00</b>
------------------------	-------------------

**Labor** Dates: 10/23/2023 - 11//23

Classification	Hours	Rate	OT Hours	OT Rate	
Labor Hours	28	\$91.65		\$117.33	\$2,566.20
Operator Hours	28	\$111.08		\$144.48	\$3,110.24
Administrator Hours		\$75.00		\$112.50	\$0.00
Eric Barnett - Consultation		\$125.00		\$142.50	\$0.00
<b>Total Hours</b>	<b>56.00</b>		<b>Total Labor</b>		<b>\$5,676.44</b>

Additional Expenses	#	Rate	Per	
Travel & Equipment Fee		\$35.00	Day	\$0.00
Skiploader		\$125.00	Day	\$0.00
Mini Excavator	3	\$150.00	Day	\$450.00
Buggy		\$100.00	Day	\$0.00
Skid Steer	3	\$120.00	Day	\$120.00
<b>Total Expenses</b>				<b>\$570.00</b>

<b>Total Materials</b>	\$7,500.00
<b>Total Labor</b>	\$5,676.44
<b>Total Expenses</b>	\$570.00
<b>Total Time &amp; Materials</b>	<b>\$13,746.44</b>

<b>10% Overhead</b>	\$1,374.64
<b>2% Bond Rate</b>	\$302.42

<b>Total</b>	<b>\$15,423.51</b>
--------------	--------------------



# Time and Materials Report

Date	Work Completed	HOURS				
		L ST	LOT	O ST	O OT	
10/23/2023	P/U Equipment for Hydroseed Grading	6.00				
10/23/2023	Prep for Hydroseed	8.00				
10/24/2023	Prep for Hydroseed	8.00				
11/3/2023	Grading on West side of the building	4.00		4.00		
11/6/2023	Grade, Dust Control, Clean up	8.00		8.00		
11/7/2023	Grade, Dust Control, Clean up	8.00		8.00		
11/8/2023	2 Hydroseed and Clean Up	8.00		8.00		
<b>TOTAL</b>		<b>78.00</b>	<b>50.00</b>	<b>0.00</b>	<b>28.00</b>	<b>0.00</b>

**ECONO FENCE INC.**

5261 Pedley Road, Riverside, CA, 92509 • P: 951.685.5000 • F: 951.360.8685 • License No. 337734 • DIR #1000001395

**POTENTIAL CHANGE ORDER**

#2

May 11, 2023

**Tilden-Coil Construction**

ATTENTION: Sergio

SENT FROM: Judd Leslie

**RIVERSIDE COUNTY FIRE STATION #41****REFERENCE:**

T &amp; M on 11/17/23: Re-install fencing

ITEM DESCRIPTION	QTY	UNIT COST	TOTAL
<b>MATERIALS:</b>			
- 2"sq x 9' Posts	2 ea @	\$41.00 ea	\$82.00
- 6' High x 8' panel	1 ea @	\$106.00 ea	\$106.00
- 60LB bags of concrete	8 ea @	\$4.25 ea	\$34.00
		<b>SUBTOTAL:</b>	<b>\$222.00</b>
		<b>TAX:</b>	<b>\$19.43</b>
		<b>TOTAL MATERIALS:</b>	<b>\$241.43</b>
<b>EQUIPMENT:</b>			
- Crew Truck	4 hrs @	\$25.00 hr	\$100.00
- Welder	2 hrs @	\$12.50 hr	\$25.00
		<b>TOTAL EQUIPMENT:</b>	<b>\$125.00</b>
<b>LABOR:</b>			
- Foreman	4 hrs @	\$88.76 hr	\$355.04
- Laborer	4 hrs @	\$82.40 hr	\$329.60
		<b>TOTAL LABOR:</b>	<b>\$684.64</b>
		<b>SUBTOTAL:</b>	<b>\$1,051.07</b>
		<b>OH &amp; Prof. @ 15%:</b>	<b>\$157.66</b>
		<b>TOTAL ADD:</b>	<b>\$1,208.73</b>

# ECONO FENCE INC

## Installation: Time And Material Basis

DATE: 11-17-23

PROJECT: Riverside County Fire Station #4 Yard Arrival Time: 4:30 Yard Depart: \_\_\_\_\_

Travel Start: 5:00

Start Time: 7:00 AM/PM End Time: 11:00 AM/PM

Area Location of T & M Work: School Area

Econo Fence Project Manager: [Signature]

Econo Fence Project Foreman: [Signature]

Total Hrs: \_\_\_\_\_ Total of Men: \_\_\_\_\_

Equipment Used:

- Bobcat \_\_\_\_\_
- Bobcat Hauler \_\_\_\_\_
- Core Driller \_\_\_\_\_
- Welder
- Crew Truck

Material Used:

- 2 Post 2x2 \_\_\_\_\_
- 1 Panel 6' height 8' length \_\_\_\_\_
- 3 bag concrete \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

- Foreman Hours: 4
- Labor #1 Hours: 4
- Labor #2 Hours: \_\_\_\_\_
- Labor #3 Hours: \_\_\_\_\_
- Labor #4 Hours: \_\_\_\_\_

DESCRIPTION OF WORK:

Reinstall 6 panels in hunker  
install 1 panel new  
set 2 post 2x2 digg 2 holes 12x36  
weld 3 panels

Sign Off by T&M Directive: [Signature]  
 (Signature of Responsible party)

Company: \_\_\_\_\_ (Authorizing party)

Position: C/M \_\_\_\_\_ G/C \_\_\_\_\_

# RB SHEET METAL, INC.

1893 Capri Ave. Unit "G" Mentone, CA 92359  
O: 909-794-1775 F: 909-794-1792

Project: Fire Station No. 41  
99064 Seaview Mecca, CA 92254

DATE: 11/03/23  
PTC/SUB: RB Sheet Metal, Inc.  
T&M TICKET #: \_\_\_\_\_  
FIELD ORDER #: Per Sergio and Miles

## COST PROPOSAL

DESCRIPTION OF CHANGE: The below price is for 4ea. 90 degree SST. Wall caps, 10 feet of SST. Base flashing

PTC ITEM DESCRIPTION	MATERIAL			LABOR			EQUIPMENT		
	QUANTITY	UNIT COST	EXTENSION	QUANTITY	RATE	EXTENSION	QUANTITY	UNIT COST	EXTENSION
18ga. SST. Flat Sheet (Wall Caps)	1	\$326.24	\$326.24			\$0.00			\$0.00
22ga. SST. Flat Sheet	1	\$208.74	\$208.74			\$0.00			\$0.00
24ga. Kynar Flat Sheet	1	\$79.84	\$79.84			\$0.00			\$0.00
Fasten and Seal	1	\$150.00	\$150.00			\$0.00			\$0.00
Truck and Tool Expense		\$0.00	\$0.00			\$0.00	8	\$45.00	\$360.00
Shop Hours		\$0.00	\$0.00	4	\$85.90	\$343.60			\$0.00
Field Hours		\$0.00	\$0.00	16	\$85.90	\$1,374.40			\$0.00
Welding and Grinding SST. for Wall Caps Sourced Out		\$0.00	\$0.00			\$0.00	1	\$300.00	\$300.00
		\$0.00	\$0.00			\$0.00			\$0.00
<b>SUBTOTALS:</b>		<b>\$764.82</b>	<b>\$764.82</b>			<b>\$1,718.00</b>			<b>\$660.00</b>

PTC MATERIAL		\$764.82
PTC SALES TAX	0.00%	\$0.00
PTC LABOR		\$1,718.00
PTC LABOR BURDEN	30.00%	\$515.40
PTC EQUIPMENT		\$660.00
<b>PTC SUBTOTAL DIRECT COSTS</b>		<b>\$3,658.22</b>
PTC FEE ON DIRECT COSTS	15.00%	\$548.73

SUBTOTAL PTC COST **\$4,206.95**

SUBCONTRACTOR ITEM DESCRIPTION	MATERIAL			LABOR			EQUIPMENT		
	QUANTITY	UNIT COST	EXTENSION	QUANTITY	RATE	EXTENSION	QUANTITY	UNIT COST	EXTENSION
			0.00			0.00			0.00
			0.00			0.00			0.00
			0.00			0.00			0.00
			0.00			0.00			0.00
<b>SUBTOTALS:</b>			<b>\$0.00</b>			<b>\$0.00</b>			<b>\$0.00</b>

SUB MATERIAL		\$0.00
SUB SALES TAX	0.00%	\$0.00
SUB LABOR		\$0.00
SUB LABOR BURDEN	0.00%	\$0.00
SUB EQUIPMENT		\$0.00
<b>SUB SUBTOTAL DIRECT COSTS</b>		<b>\$0.00</b>
SUB FEE ON DIRECT COSTS	15.00%	\$0.00

SUBTOTAL SUBCONTRACTOR COST **\$0.00**

LOWER TIER FIXED PRICE COST (1)	\$0.00
LOWER TIER FIXED PRICE COST (2)	\$0.00
<b>SUBTOTAL LOWER TIER</b>	<b>\$0.00</b>

PTC FEE ON SUB'S COSTS **\$0.00**

TOTAL PTC COST BEFORE BOND **\$4,206.95**

BOND **\$0.00**

TOTAL COST PROPOSAL **\$4,206.95**

PREPARED & SUBMITTED BY: Brooks Baragry  
TITLE/COMPANY: Project Manager



## CHANGE ORDER REQUEST

TO: Tilden-Coil Construction  
 ATTN: Drew Collins  
 DATE: 11/2/2023  
 CO# 14

RELATED DOC: TCC request

<b>LABOR</b>	<b>Hours</b>	<b>Rate</b>	<b>Total</b>
General Foreman			\$0.00
Foreman	16.00	\$111.75	\$1,788.00
Plumber	16.00	\$100.10	\$1,601.60
Operator			\$0.00
Laborer			\$0.00
Other			\$0.00
Overtime			\$0.00
Procurement & Delivery			\$0.00
Asbuilts			\$0.00
Clean Up			\$0.00
Equipment Delivery			\$0.00
<b>LABOR SUBTOTALS</b>			<b>\$3,389.60</b>

<b>MATERIAL</b>	<b>QTY</b>	<b>Unit Price</b>	<b>Total</b>
Description			
Material (See Detail)			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
<b>Sub Total</b>			\$0.00
<b>Sales Tax</b>		9.50%	\$0.00
<b>MATERIAL SUBTOTALS</b>			\$0.00

<b>EQUIPMENT</b>	<b>Unit</b>	<b>Rate</b>	<b>Total</b>
General Foreman Truck	-	\$54.71	\$0.00
Foreman Truck- Plumbing	16.00	\$58.50	\$936.00
Foreman Truck- Site Utility		\$57.71	\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
<b>EQUIPMENT SUBTOTAL</b>			<b>\$936.00</b>

<b>SUBCONTRACTOR</b>	<b>Total</b>
	\$0.00
	\$0.00
	\$0.00
<b>SUBCONTRACTOR SUBTOTAL</b>	<b>\$0.00</b>

<b>COMMENTS</b>	<b>OH&amp;P</b>	<b>Summary</b>	<b>Total</b>
		LABOR SUBTOTAL	\$3,389.60
		MATERIAL SUBTOTAL	\$0.00
		EQUIPMENT SUBTOTAL	\$936.00
		SUBCONTRACTOR SUBTOTAL	\$0.00
		<b>COST SUBTOTAL</b>	<b>\$4,325.60</b>
	15%	LABOR OH&P	\$508.44
	15%	MATERIAL OH&P	\$0.00
	15%	EQUIP OH&P	\$140.40
	15%	SUB OH&P	\$0.00
		<b>COST W/MARKUP SUBTOTAL</b>	<b>\$4,974.44</b>
	2.5%	<b>Bonds &amp; Ins.</b>	<b>\$124.36</b>
Additional Days to Contract: 0	\$ 412.73	<b>Daily OH Rate</b>	<b>\$0.00</b>
Contract Extension: NO		<b>QUOTED PRICE</b>	<b>\$5,098.80</b>





# TIME & MATERIAL TICKET

DATE: Oct 30, 2023  
 PROJECT NAME: 22023 Riverside County Fire Station  
 JOB#: 22023  
 COST CODE: 90.014

TICKET# 1 of \_\_\_\_\_  
 IS WORK COMPLETE:  YES  NO IF NO WHEN? \_\_\_\_\_  
 RELATED DOC: RFI# \_\_\_\_\_ COR# \_\_\_\_\_ PCO# 014  
 IB# \_\_\_\_\_ CCD# \_\_\_\_\_

**DESCRIPTION OF WORK:**

MATERIAL		LABOR				
QTY:	DESCRIPTION:	NAME:	CLASSIFICATION	REG	OT	DT
1		1 Robert schmidt	Foreman	8		
2		2 Robert stafford	Plumber	8		
3		3				
4		4				
5		5				
6		6				
7		7				
8		8				
9		9				

TOOL AND EQUIPMENT						
	EQUIP #	DESCRIPTION	DAYS	HRS	OWN	RENT
11	1	T106 Foreman's truck		8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	2				<input type="checkbox"/>	<input type="checkbox"/>
13	3				<input type="checkbox"/>	<input type="checkbox"/>
14	4				<input type="checkbox"/>	<input type="checkbox"/>
15	5				<input type="checkbox"/>	<input type="checkbox"/>
16	6				<input type="checkbox"/>	<input type="checkbox"/>
17	7				<input type="checkbox"/>	<input type="checkbox"/>
18	8				<input type="checkbox"/>	<input type="checkbox"/>
19	9				<input type="checkbox"/>	<input type="checkbox"/>

SUBCONTRACTOR	
21	1
22	2
23	3
24	4

**PRO-CRAFT Construction, Inc. CERTIFICATION: Signature by representative to certify that all information on this sheet is true and accurate**

**Construction Manager, Contractor, Etc., verifies hours worked as identified on this sheet only.**

**Project Inspector verifies hours worked as identified on this sheet only.**

Sign: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Sign: \_\_\_\_\_



# TIME & MATERIAL TICKET

DATE: Oct 31, 2023  
 PROJECT NAME: 22023 Riverside County Fire Station  
 JOB#: 22023  
 COST CODE: 90.014

TICKET# 1 of \_\_\_\_\_  
 IS WORK COMPLETE:  YES  NO IF NO WHEN? \_\_\_\_\_  
 RELATED DOC: RFI# \_\_\_\_\_ COR# \_\_\_\_\_ PCO# 014  
 IB# \_\_\_\_\_ CCD# \_\_\_\_\_

**DESCRIPTION OF WORK:**  
 Re installed drinking fountain

MATERIAL		LABOR				
QTY:	DESCRIPTION:	NAME:	CLASSIFICATION	REG	OT	DT
1		1 Robert schmidt	Foreman	8		
2		2 Robert stafford	Plumber	8		
3		3				
4		4				
5		5				
6		6				
7		7				
8		8				
9		9				

TOOL AND EQUIPMENT						
	EQUIP #	DESCRIPTION	DAYS	HRS	OWN	RENT
11						
12	1	T106 Foreman's truck		8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	2				<input type="checkbox"/>	<input type="checkbox"/>
14	3				<input type="checkbox"/>	<input type="checkbox"/>
15	4				<input type="checkbox"/>	<input type="checkbox"/>
16	5				<input type="checkbox"/>	<input type="checkbox"/>
17	6				<input type="checkbox"/>	<input type="checkbox"/>
18	7				<input type="checkbox"/>	<input type="checkbox"/>
19	8				<input type="checkbox"/>	<input type="checkbox"/>
20	9				<input type="checkbox"/>	<input type="checkbox"/>

SUBCONTRACTOR	
21	
22	1
23	2
24	3
25	4

**PRO-CRAFT Construction, Inc. CERTIFICATION: Signature by representative to certify that all information on this sheet is true and accurate**

**Construction Manager, Contractor, Etc., verifies hours worked as identified on this sheet only.**

**Project Inspector verifies hours worked as identified on this sheet only.**

Sign: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Sign: \_\_\_\_\_

# REQUEST FOR CHANGE ORDER



Ref.# COR017

External/RCO#

GC Ref#

Date Nov 01, 2023

Job # 22-00059

To: **TILDEN-COIL**  
 3612 MISSION INN AVE  
 RIVERSIDE, CA 92501

Project: **RIVERSIDE COUNTY FIRE STATION 41 NOR**  
 RIVERSIDE FIRE STATION 41  
 99054 SEA VIEW DRIVE  
 Mecca, CA 92254

Contact: **Lauren Enriquez**

Description: Ticket # 30547

Labor	Quantity	UOM	Unit Total	Rate	Total
	14.00	Hrs	14.00	99.98	\$1,399.72
<b>Total Labor</b>					<b>\$1,399.72</b>
Material					Total
TAPING MATERIAL					\$36.00
<b>Total Material</b>					<b>\$36.00</b>

**AUTHORIZED BY: Sergio**  
**ON BEHALF OF: TILDEN-COIL**  
**PROJECT MANAGER: Michael D Hancock**  
**ESTIMATOR: Brian Stiles**

<b>Labor Total:</b>	<b>\$1,399.72</b>
<b>Material Total:</b>	<b>\$36.00</b>
<b>Sub Trade Total:</b>	<b>\$0.00</b>
<b>Cleanup Total:</b>	<b>\$0.00</b>
<b>Equipment Total:</b>	<b>\$0.00</b>
<b>Misc. Total:</b>	<b>\$0.00</b>
<b>Sub Total:</b>	<b>\$1,435.72</b>
<b>Mark Up:</b>	<b>\$215.36 15.00%</b>

<b>Total:</b>	<b>\$1,651.08</b>
---------------	-------------------

This request for change order has been priced so that the work contained herein is to be done concurrently with and at the same time as our contracted scope of work. Should the following change order work be performed out of sequence from our contract work, this change request will have to be re-quoted. Escalation fees will be based upon, but not limited to job site conditions and how they may have changed from the time of the original quote, the nature of the delay, and applicable mobilization fees. While this Change Order Request/Change Order is designed and intended to compensate SWS for the work identified herein, it is recognized and agreed that such may not fully compensate SWS for all impacts related to such work, including but not limited to impact costs, such as delay, disruption, out-of-sequence work, and other project inefficiencies, and SWS hereby expressly reserves the right to pursue its rights, remedies, and claims relating to any such impact.

No work on this change request shall commence until written authorization from the Prime Contractor to SWS is received by SWS. Written authorization from the Prime Contractor to SWS shall constitute acceptance by the Owner and added to the Contract sum of SWS.

This Change Request is valid for ten days.

Additional Time Required for this Change Request is: N/A Days

If you have any questions, concerns or require clarification, please do not hesitate to call.



# REQUEST FOR CHANGE ORDER

Ref.# COR015

External/RCO#

GC Ref#

Date Oct 12, 2023

Job # 22-00059

To: **TILDEN-COIL**  
 3612 MISSION INN AVE  
 RIVERSIDE, CA 92501

Project: **RIVERSIDE COUNTY FIRE STATION 41 NOR**  
 RIVERSIDE FIRE STATION 41  
 99054 SEA VIEW DRIVE  
 Mecca, CA 92254

Contact: **Lauren Enriquez**

Description: Tickets for patch work ( 30542,30543,30544)

Labor	Quantity	UOM	Unit Total	Rate	Total
Taping Interior	16.00	Hrs	16.00	99.98	\$1,599.68
Taping Interior	10.00	Hrs	10.00	99.98	\$999.80
Taping Interior	8.00	Hrs	8.00	99.98	\$799.84
Int hang gyp walls	2.00	Hrs	2.00	99.98	\$199.96
<b>Total Labor</b>					<b>\$3,599.28</b>
<b>Material</b>					<b>Total</b>
TAPING MATERIAL					\$49.49
<b>Total Material</b>					<b>\$49.49</b>

**AUTHORIZED BY: Sergio**  
**ON BEHALF OF: TILDEN-COIL**  
**PROJECT MANAGER: Michael D Hancock**  
**ESTIMATOR: Brian Stiles**

<b>Labor Total:</b>	<b>\$3,599.28</b>
<b>Material Total:</b>	<b>\$49.49</b>
<b>Sub Trade Total:</b>	<b>\$0.00</b>
<b>Cleanup Total:</b>	<b>\$0.00</b>
<b>Equipment Total:</b>	<b>\$0.00</b>
<b>Misc. Total:</b>	<b>\$0.00</b>
<b>Sub Total:</b>	<b>\$3,648.77</b>
<b>Mark Up:</b>	<b>\$547.32 15.00%</b>
<b>Total:</b>	<b>\$4,196.09</b>

This request for change order has been priced so that the work contained herein is to be done concurrently with and at the same time as our contracted scope of work. Should the following change order work be performed out of sequence from our contract work, this change request will have to be re-quoted. Escalation fees will be based upon, but not limited to job site conditions and how they may have changed from the time of the original quote, the nature of the delay, and applicable mobilization fees. While this Change Order Request/Change Order is designed and intended to compensate SWS for the work identified herein, it is recognized and agreed that such may not fully compensate SWS for all impacts related to such work, including but not limited to impact costs, such as delay, disruption, out-of-sequence work, and other project inefficiencies, and SWS hereby expressly reserves the right to pursue its rights, remedies, and claims relating to any such impact.

No work on this change request shall commence until written authorization from the Prime Contractor to SWS is received by SWS. Written authorization from the Prime Contractor to SWS shall constitute acceptance by the Owner and added to the Contract sum of SWS.

This Change Request is valid for ten days.

Additional Time Required for this Change Request is: N/A Days

If you have any questions, concerns or require clarification, please do not hesitate to call.



3612 Mission Inn Avenue  
Riverside, California 92501  
951.684.5901 / 951.684.0725 - fax

## Request for Change Order Authorization

Riverside County Fire Stations 41  
99064 Seaview Dr  
Mecca, CA 92254

**Project #** 21-029

**Change Order Request:** COR028

**Date:** 2024-01-24

**To:** Dominick Lombardi  
County of Riverside  
3133 Mission Inn Ave  
Riverside, CA 92507

**From:** Tilden-Coil Constructors, Inc.  
3612 Mission Inn Ave.  
Riverside, CA 92501

Description	Status		
Additional Owner Requested Changes R2	4. Approved		
Reference	Required By	Days Req	Amt Req
			\$38,961.00

**Notes**

Change Type	Reason
Change Order	

Item No.	Item Description	Amount	Contract Number
1	Revised Door Bottoms	\$2,364.00	21-029-020
2	Additional Muck Out (Concrete)	\$842.00	21-029-027
3	Added Cord Reel In App Bay	\$5,018.00	21-029-011
4	Thickened Slab at Extractor	\$995.00	21-029-027
5	Added Footing at Fuel Tank Enclosure	\$2,335.00	21-029-027
6	Added Pedestal And Key Pad	\$7,957.00	21-029-029
7	R&R Curbs Due to CVWD Water Line	\$5,770.00	21-029-027
8	CVWD Inspection Fees	\$2,731.00	21-029-017
9	Encroachment Permit Fees	\$407.00	21-029-017
10	Fire Plan Submission Fees	\$819.00	21-029-017
11	Compressor Auto Drain Through Wall	\$7,500.00	21-029-017
1	OH&P - 5%	\$1,837.00	
2	Bond - 1%	\$386.00	

**Submitted by:**

Signature  
Name

DocuSigned by:  
*Andrew Collins*  
Andrew Collins, Tilden-Coil Constructors, Inc.

3/1/2024 | 9:14 AM PST

Date

**Approved By:**

Signature  
Name

DocuSigned by:  
**DOMINICK LOMBARDI**  
Dominick Lombardi, County of Riverside

3/1/2024 | 11:44 AM PST

Date

POTENTIAL CHANGE ORDER

P.O. BOX 8984  
REDLANDS, CA 92375  
909-307-5650

PCO # 7  
Date: 01/18/24

To: Tilden Coil Constructors

Job Name: Fire Station 41  
Location: Mecca, CA

Description

Change Directive: furnish and install surface mounted automatic door bottoms at all exterior man doors. To be mounted on interior side of all doors

	Qty	Unit	Extension
<b>Material: Deduct/Add</b>			
Pemko 412SL bronze	5	82.3	\$ 411.50
Pemko 412SL clear aluminum	6	67.1	\$ 402.60
			\$ -
			\$ -
Misc Supplies	1	1	\$ 40.00
			\$ 854.10
		8.75%	\$ 74.73
<b>Labor: Deduct/Add</b>			
Document Preparation		150.00	\$ -
Project Manager		125.00	\$ -
Engineer		75.00	\$ -
Accounting		50.00	\$ -
Delivery	2	120.00	\$ 240.00
Carpenter Foreman		98.71	\$ -
Carpenter Journeyman	8	95.28	\$ 762.24
Carpenter Apprentice		89.68	\$ -
Glazier Foreman		108.51	\$ -
Glazier Journeyman		105.08	\$ -
Glazier Apprentice		97.17	\$ -
			\$ 1,002.24
<b>Equipment</b>			
Truck w/Tools	1	125.00	\$ 125.00
Forkift		100.00	\$ -
This change will require <span style="background-color: yellow;">        </span> more days added to our scope of work			

ORDER PLACEMENT IS PENDING; PLEASE SEND WRITTEN CHANGE OR SIGNED COPY OF THIS FORM TO PROCEED.

	Total Material & Labor		\$ 2,056.07
	OH & Profit	15.00%	\$ 308.41
	Bond		\$ -

PRICING IS GOOD FOR 30 DAYS

	<b>TOTAL AMOUNT</b>	<b>\$ 2,364.00</b>
X	X	
By	(AUTHORIZATION TO PROCEED SIGNATURE)	

DocuSign Envelope ID: FAF5EBF2-A9BF-4078-BBE6-ECCD7A3B9A0D

# Architectural Door Accessories

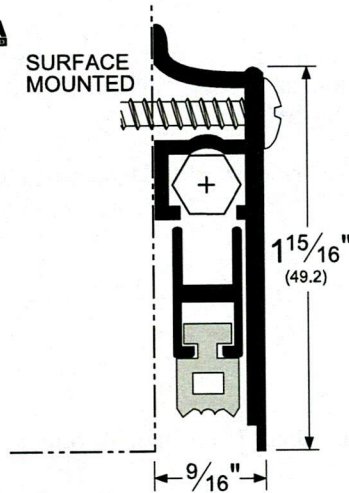
**ASSA ABLOY**  
Opening Solutions

Pemko Door Bottoms:  
Automatic Door Bottoms

Experience a safer  
and more open world

**412\_SL** 

AVAILABLE FINISHES: B, C, D, G, S  
WIDTH: 9/16" (14.3 mm)  
HEIGHT: 1-15/16" (49.2 mm)



B (Brass Cladding over Aluminum)  
C (Clear Anodized Aluminum)  
D (Dark Bronze Anodized Aluminum)  
G (Gold Anodized Aluminum)  
S (Cladded Stainless Steel)

TITLE:
PREPARED FOR:
PREPARED BY:
DATE:
COMMENTS:

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412\_SL\_CUT Rev 2 - 11.13.20



## CONSTRUCTION ELECTRIC, INC.

December 13, 2023

**Tilden-Coil Constructors**

3612 Mission Inn Ave.  
Riverside, CA 92501

Attn: Mr. Bryant Ismerio

**Re: Riverside County Fire Station #41 North Shore**

CM Job Number: **21029**

Proposal Description: CEI COR 25 – Add new Cord Reel in App Bay

Construction Electric, Inc. Job # 20221

Dear Mr. Ismerio,

Construction Electric Inc. has reviewed the above-referenced revision and has found changes to our scope. We are pleased to provide a price to you in the **(additional)** amount of **\$5,018.22** (Five Thousand Eighteen Dollars and 22/100) for the changes shown and work described below.

**Scope:** Add new pathway, wiring, terminations, Cord Reel, breaker, rental equipment, etc.

**Drawings:** See attached Log

**Breakdown:** See attached itemized breakdown

**We acknowledge receipt of:**

A: E-mail receipt to provide an additional cord reel

B:

C:

Pricing is firm for **(15)** days from date of this letter. If additional information is required, please do not hesitate to contact me.

Sincerely,

**Construction Electric, Inc.**

*KC Lockhart III*

**KC Lockhart III**

Project Manager

cc: Job file





---

*Construction Electric, Inc. 18885 Van Buren Blvd., #4C Riverside, CA 92508 951-789-8350 951-789-8352 Fax*

---

## Fire Station #41

### Change Order Request #25 - Added Cord Reel in App bay

*Add new pathway, wiring, Cord Reel, terminations & Breaker*

i.	Material:	\$1,538.87
ii.	Equipment:	\$925.00
iii.	Labor:	\$1,837.85
iv.	Subtotal:	\$4,301.72
v.	Subcontractor performed work:	\$0.00
vi.	Subtotal	\$4,301.72
vii.	OH & Profit:	\$645.26
viii.	Subtotal:	\$4,946.98
ix.	Bond:	\$71.24
x.	TOTAL:	\$5,018.21

# CHANGE ORDER REQUEST

**Construction Electric, Inc.**  
18885 Van Buren Blvd., 4C  
Riverside, CA 92508

**CCN #** 23  
**Date:** 12/13/2023  
**Project Name:** FIRE STATION #41  
**Project Number:** 20221  
**Page Number:** 1

Client Address:

**TILDEN-COIL CONSTRUCTORS**  
Contact: Bryant Ismerio  
3612 Mission Inn Ave  
Riverside, CA 92501

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## Work Description

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## Itemized Breakdown

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Description	Qty	Total Mat.	Total Hrs.
3/4" EMT CONDUIT	150	245.94	4.50
3/4" EMT STL SS CPLG	19	42.84	1.90
3/4" EMT INSUL STL SS CONN	4	6.31	0.40
3/4" EMT 1-H STEEL STRAP	19	20.88	1.03
3/4" LT FLEX	6	13.50	0.30
3/4" LT STRAIGHT CONN	1	7.39	0.17
3/4" LT 90 DEG CONN	1	13.45	0.17
#10 THHN SOLID BLACK	545	189.14	3.38
4x2 1/8" SQ BOX COMB KO	1	9.88	0.23
4" SQ BLANK COVER	1	5.46	0.03
1-G 2"D DC ALUM BOX W/ LUGS & 3 - 3/4" H	1	19.40	0.35
1-G 1"D DC ALUM BOX EXT RING GR	1	22.08	0.10
1-G ALUM BLANK WP BOX MNT COVER GR	1	7.89	0.07
GROUND SCREW W/ INSUL #12 LEAD	2	1.66	0.06
RED SCOTCHLOCK (#16-10)	7	5.95	0.49
P-1000 1 5/8 STRUT	10	79.79	1.10
3/8 SPRING NUT	4	8.91	0.16
#8x 1 P/H SELF-TAP SCREW	19	2.73	0.53
#10-3C EQUIPMENT TERM	1	0.00	0.48
CORD REEL	1	725.00	4.00
<b>Totals</b>	<b>794</b>	<b>1,428.19</b>	<b>19.44</b>

---

## Summary

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General Materials		1,428.19
Material Tax	(@ 7.750 %)	110.68
<b>Total Material</b>		<b>1,538.87</b>
FOREMAN	(9.72 Hrs @ \$97.02)	943.03
APPRENTICE	(9.72 Hrs @ \$92.06)	894.82
SCIZZOR LIFT RENTAL	(1.00 @ 0.00 @ \$925.00 + 0.000 % + 0.000 % + 0.000 %)	925.00

**ORIGINAL**

### CHANGE ORDER REQUEST

#### Construction Electric, Inc.

18885 Van Buren Blvd., 4C  
Riverside, CA 92508

Client Address:

#### TILDEN-COIL CONSTRUCTORS

3612 Mission Inn Ave  
Riverside, CA 92501

CCN #

23

Date:

12/13/2023

Project Name:

FIRE STATION #41

Project Number:

20221

Page Number:

2

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#### Summary (Cont'd)

---

<b>Subtotal</b>		<b>4,301.72</b>
Markup	(@ 15.000 %)	645.26
<b>Subtotal</b>		<b>4,946.98</b>
BOND	(@ 1.440 %)	71.24
<b>Final Amount</b>		<b>\$5,018.22</b>

ORIGINAL

**From:** [Miles Morales](#)  
**To:** [kc](#); [Jose Alonzo](#)  
**Cc:** [Sergio Lopez](#)  
**Subject:** Fire station 41 Cord Reel Info  
**Date:** Monday, October 30, 2023 4:31:28 PM

---

KC a total of 5 cord reels will be sufficient with 30 amp each cord reel. 2 at the south east and 1 at each other location.

Miles Morales  
*Project Superintendent CISEC, QSP*  
**Tilden-Coil Constructors**  
*Building with Integrity Since 1938*  
C: 951-233-2231





**DeVries Construction**

3440 W Warner Avenue  
 Suite L  
 Santa Ana CA 92704  
 949-364-3816

License: 786273

**Change Order**

Order#: 269-18

Order Date: 10/20/2023

**To:** Tilden-Coil Constructors  
 3612 Mission Inn Avenue  
 Riverside CA 92501

**Project:** 10269  
 Riverside County Fire Station 41  
 3612 Mission Inn Avenue  
 3612 Mission Inn Avenue  
 Riverside CA 92501

The contractor agrees to perform and the owner agrees to pay for the following changes to this contract.

Plans Attached

**Ordered By:** 1453 Steven Kirkham

**Customer Order:**

Specifications Attached

Description of Work	COST	OVERHEAD %	PROFIT %	Amount
Working Foreman 6 Hrs	590.10	15.00		678.62
Skid Steer	135.00	15.00		155.25
Bond	8.34			8.34

**Notes**

Remove the muck touch up the grade and compact the soil for inspection, Spread the muck pile so the grader can reuse it for the fire lane at the north entry.

Negative changes will lower the overall contract price requiring no additional payment by owner.

**Requested Amount of Change**

**842.21**

The original Contract Sum was .....	699,603.00
Net change by previous Change Orders .....	12,050.00
The Contract Sum prior to this Change Order .....	711,653.00
The Contract Sum will be changed by this Change Order .....	842.21
The new Contract Sum including this Change Order will be .....	712,495.21
The Contract Time will be changed by .....	0 Days

Owner: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_ Date: \_\_\_\_\_



Ticket # \_\_\_\_\_

Date of Work Performed: 9/11/2023

**DAILY TIME AND MATERIAL TICKET**

Project: Fire Station 41 Job Number: \_\_\_\_\_

Subcontractor: Devries Construction PCO #: \_\_\_\_\_

**LABOR:**

Name	Trade	Class	Hours	OT	Total
Francisco Tapia	Wkr	Fireman	6		6
<b>Totals:</b>					

**EQUIPMENT/MATERIAL:**

Quantity	Description	Hours

**DESCRIPTION OF WORK PERFORMED:**

Remove the muck, touch up the grade and compact the soil for inspection. Spread the muck over so the grader can re-use it for the fire lane at the North entry.

The work performed on this daily time and material ticket is used to track cost associated with labor, material and equipment. All conditions of the contract documents still apply to this scope. The merit to this scope is defined as one of the following:

- Extra work added to the contract through the above referenced PCO No.
- Disputed scope of work to the contract. Signature does not constitute approval of supplemental payment.
- Merit of change is unknown at this time.

Signature: \_\_\_\_\_ Date: 9/11/2023  
(Subcontractor's Signature) Francisco Tapia Name (Printed)

Signature: \_\_\_\_\_ Date: 9/11/23  
(Tilden-Coil Signature) Miles Morales Name (Printed)



**DeVries Construction**

3440 W Warner Avenue  
 Suite L  
 Santa Ana CA 92704  
 949-364-3816

License: 786273

**Change Order**

Order#: 269-2

Order Date: 01/30/2023

**To:** Tilden-Coil Constructors  
 3612 Mission Inn Avenue  
 Riverside CA 92501

**Project:** 10269  
 Riverside County Fire Station 41  
 3612 Mission Inn Avenue  
 3612 Mission Inn Avenue  
 Riverside CA 92501

The contractor agrees to perform and the owner agrees to pay for the following changes to this contract.

Plans Attached

**Ordered By:** 1453 Steven Kirkham

**Customer Order:**

Specifications Attached

Description of Work	COST	OVERHEAD %	PROFIT %	Amount
Working Foreman 4 hours	373.40	15.00		429.41
Carpenter 4 hours	354.80	15.00		408.02
Mini Ex 1/2 Day	137.50	15.00		158.13

**Notes**

Thickend Slab for Extractor

Negative changes will lower the overall contract price requiring no additional payment by owner.

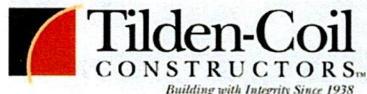
**Requested Amount of Change**

**995.56**

The original Contract Sum was .....	699,603.00
Net change by previous Change Orders .....	0.00
The Contract Sum prior to this Change Order .....	699,603.00
The Contract Sum will be changed by this Change Order .....	995.56
The new Contract Sum including this Change Order will be .....	700,598.56
The Contract Time will be changed by .....	0 Days

Owner: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_ Date: \_\_\_\_\_



**Tilden-Coil Constructors**  
3612 Mission Inn Ave.  
Riverside CA 92501

# REQUEST FOR INFORMATION

**IC009**

Printed Nov 29, 2022  
Page 1 of 1

**Subject:** Extractor Floor Thickness

**Date:** Nov 28, 2022

**Project:** Riverside County Fire Stations 41

**Job:** 21-029

**Address:** 99064 Seaview Dr  
Mecca CA 92254

**Required:** Dec 05, 2022

**Phone:**

**Fax:**

**Estimated Cost**

**Estimated Days**

**To:** Thomas Howell

Holt Architecture

**From:** Ernesto Ruvira

Tilden-Coil Constructors

**Co-null**

**Contact:**

**Co-Author RFI**

**Reference:**

RFI As-built Date  
BIM Related RFI

RFI As-built  
BIM Model

**Request:**

References: Extractor Cutsheet, Exhibit 1-  
Per the email shown on Exhibit 1, RVC fire would like to provide a Milnor 30022 VRJ in lieu of the Milnor MWT27E5 shown in the plans. The attached cutsheet shows the extactor's anchoring detail highlighted in yellow and a 12" floor thickness is recommended. Please advise if the slab is to be thickened or if a concrete pad is required in the Location of the extractor.

**Suggestion:**

If the 12" thick floor thickness is required, Provide a thicker slab in the location of the extractor to provide a cleaner looker.

**Answer:**  **Accept Suggestion**

**Answered By:**

**Signed:** \_\_\_\_\_

**Date:**

**Distribution:**

The slab shall be thickened in this area to 12".

Reinforcing shall be continuous from the adjacent slab, but have a second (bottom) mat of steel to match the upper 'typical' steel.

The thickened slab shall extend a minimum of 12" beyond the extend of the equipment.

S. Rohy W+R Eng. 12/1/22



**Exhibit 1**

Team,

See down below from my observations on appliances.

- **OPOI**
  - All washers, dryers and extractor (EQ 9 – EQ12) show as OPOI in the Equipment Schedule on sheet AI120
  - I have included the rest in the spreadsheet as they are CPCI and have excluded the OPOI
- **EQ12 Extractor**
  - Per previous email chain, the extractor they provided (see attached) does not match the model # shown in the equipment schedule

**EQUIPMENT SCHEDULE**

MARK	CPCI	OPCI	OPOI	DESCRIPTION	MANUFACTURER	MODEL
EQ1	Yes			ISLAND VENT HOOD	HESTAN	KV136
EQ2	Yes			COOKTOP	HESTAN	KEC36-BK
EQ3	Yes			DOUBLE OVEN	HESTAN	KDO30
EQ4	Yes			MICROWAVE	HESTAN	KMWC24
EQ5	Yes			COMBINATION REFRIGERATOR / FREEZER	HESTAN	KRPR36
EQ6	Yes			DISHWASHER	HESTAN	KDW24
EQ7		Yes		FLAT SCREEN MONITOR - 65"	SHARP/NEC	V654Q - 65" UHD
EQ8		Yes		MONITOR MOUNT	ROCKETFISH, TILTING TV WALL MOUNT	RF-TVMLPT03
EQ9			Yes	WASHER	MAYTAG	MHW8630H
EQ10			Yes	DRYER	MAYTAG	MED8630H
EQ11			Yes	DRYER	MILNOR	M758V
EQ12			Yes	<b>EXTRACTOR</b>	<b>MILNOR</b>	<b>MW127ES</b>
EQ13	Yes			FUME HOOD	SENTRY AIR SYSTEMS	SA-360-E
EQ14	Yes			ICE MACHINE		IC-U226A
EQ15	Yes			TURNOUT LOCKERS		WALL MOUNTED LOCKER SYSTEM
EQ16				TWO-POST RACK		NETSHELTER 2 POST RACK
EQ17	Yes			AIR COMPRESSOR		TWO-STAGE ELECTRIC-POWERED RECIPROCATING COMPRESSOR, MODEL 2545K10

Does not match with  
was provided per  
emails.

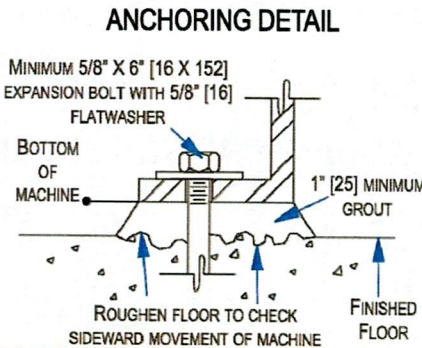
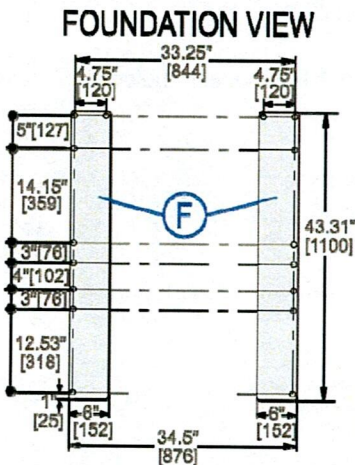
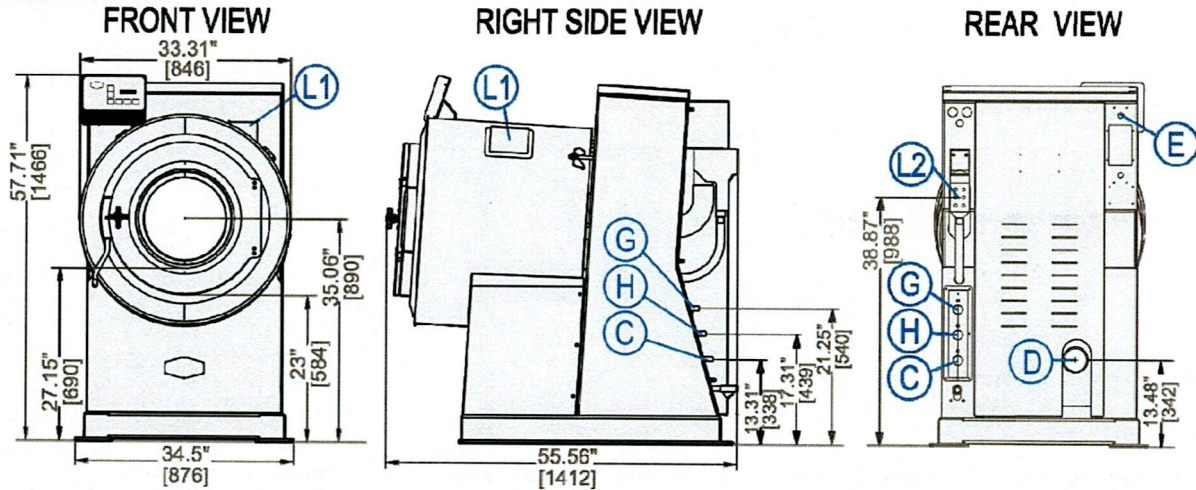


# 30022 VRJ

60 LB. (27KG) CAPACITY

RIGID-MOUNT WASHER-EXTRACTOR

## SPECIFICATION SHEET



**LEGEND**

C	Cold water inlet, .75" (19 mm) GHT
D	Drain to rear, 3" (76 mm) pipe socket joint
E	Main electrical connection
F	Foundation pads, anchor bolt holes .8125" (21 mm) diameter
G	Hot water (chemical flushing), .75" (19 mm) GHT
H	Hot water, .75" (19 mm) GHT
L1	Standard soap chute
L2	Liquid supply inlets

**FLOOR REQUIREMENT 12" MINIMUM RECOMMENDED ▼, ◆**

### MECHANICAL SPECIFICATIONS

### ELECTRICAL SPECIFICATIONS

Capacity – lbs (kg)	60 (27)
Cylinder Diameter x Depth – ins (mm)	30 x 22 (762 x 559)
Cylinder Volume – cu. ft. (L)	9 (255)
Door Opening – ins (mm)	15.5 (394)
Machine Dimensions (W x D x H) – ins (mm)	34.5 x 55.56 x 57.68 (876 x 1412 x 1466)
Shipping Dimensions (W x D x H) – ins (mm)	40 x 64 x 63 (1016x1625x1600)
Motor – HP (kW)	5 (3.72)
Wash Speeds – RPM	38-43
Distribution Speed – RPM	65
Extraction Speeds – RPM	420-685
Extraction G-Force	200
Static Weight – lbs (kg) ◆	1344 (610)
Max. Dynamic Load RMS - lbs (kg) ◆	2120 (961)
Frequency (Hz)	11.4
Water Pressure (Required) – psi (bar)	10-75 (.68-5.1)
Water Valve Cv Rating – gal/min (L/min)	5.8 (22)
Minimum Recommended Distance Between Machines – ins (mm)	6 (152)

Voltage	Running Amps	Fuse (Amps)	Circuit Breaker (Amps)
220/3/50-60	7	FRN20	20
208,240/1/60	9, 8	FRN20	20
208, 240/3/60	8, 7	FRN20	20
380/3/50-60	4.5	FRS15	15
415/3/50	4.5	FRS15	15
480/3/60	3.5	FRS15	15

See Fuse and Wire Size manual MAEFUSE1BE for safety information. Contact factory for electrical specifications if equipped with Electric Heat option.

▼ See dimensional drawing for complete details.

◆ It is the sole responsibility of the owner/user to assure that the floor and/or any other supporting structure exceeds not only all applicable building codes, but also that the floor and/or any other supporting structure for each washer-extractor or group of washer-extractors has sufficient strength and rigidity (i.e., a natural or resonant frequency many times greater than the rotational machine speed with a reasonable factory of safety) to support the weight of all the fully loaded machine(s) including the weight of the water and goods, and including the published 360° rotating sinusoidal RMS forces that are transmitted by the machine(s). Contact the factory for additional machine data for use by a structural engineer.



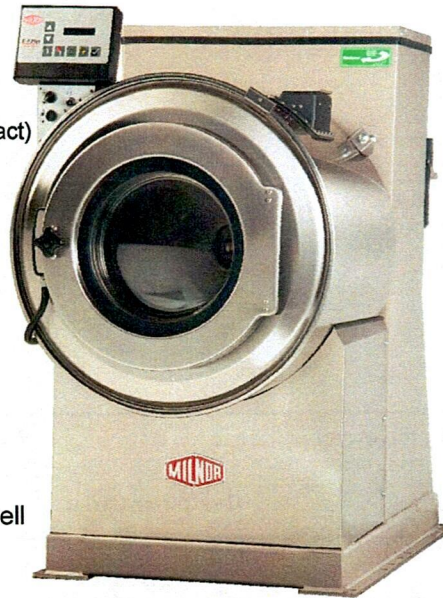
# 30022 VRJ

60 LB. (27KG) CAPACITY  
RIGID-MOUNT WASHER-EXTRACTOR

## SPECIFICATION SHEET

### Standard Features:

- RinSave® water saving technology
- 7 speeds (2 wash, 1 distribution, 1 RinSave, 3 extract)
- E-P PLUS® programmable controller
- Back-lit LCD display
- Single-motor inverter drive
- Tall, lifting ribs
- Tapered roller bearings
- High M.A.F. (Mechanical Action Factor)
- Large cylinder perforations
- Fresh-water flushing chemical manifold
- Auto tension V-belt drive
- Six (6) liquid chemical injection ports
- Control reads in English/second language
- 5-year limited warranty on frame, cylinder & shell



### Optional Features:

- Steam
- 3 compartment flushing supply injector
- Prison package

### Why Purchase Milnor?

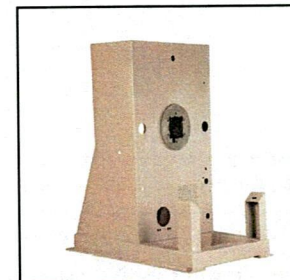
- Larger cylinder volume than most competitive similar sized washer-extractors provides *greater productivity*. More linen washed per day, or fewer hours required to process. **BENEFIT: Saves labor.**
- Greater cylinder perforated-area generates *better wash quality, better rinsing and better extraction*. **BENEFIT: Better extraction saves dryer fuel.**
- Faster process times reduce fabric wear, promoting *longer linen life!* **BENEFIT: Saves linen replacement costs.**
- High perforated ribs provide excellent lifting. **BENEFIT: Greater mechanical action leads to better wash quality.**
- 200-G high extract provides excellent moisture removal. Lower extract speeds are available for uniforms, delicate textiles and blended fabrics. **BENEFIT: Better extraction saves dryer fuel.**
- E-P Plus Controller with back-lit LCD display allows operator to choose formulas from real words, not codes. Standard controller features English/Spanish (other languages optional). Controller also provides diagnostic and error messages. Shortens training time of new employees. **BENEFIT: Fewer operator errors.**
- Superior product support through local, highly-skilled dealers. **BENEFIT: Faster repairs mean less downtime.**



Safe chemical injection



Superior cylinder design



Solid industrial frame

Contact Milnor for your local, authorized dealer:

Pellerin Milnor Corporation  
P.O. Box 400 • Kenner, LA 70063  
t: 504-467-9591 • f: 504-468-3094





**DeVries Construction**

3440 W Warner Avenue  
 Suite L  
 Santa Ana CA 92704  
 949-364-3816

License: 786273

**Change Order**

Order#: 269-4

Order Date: 02/01/2023

**To:** Tilden-Coil Constructors  
 3612 Mission Inn Avenue  
 Riverside CA 92501

**Project:** 10269  
 Riverside County Fire Station 41  
 3612 Mission Inn Avenue  
 3612 Mission Inn Avenue  
 Riverside CA 92501

The contractor agrees to perform and the owner agrees to pay for the following changes to this contract.

Plans Attached

**Ordered By:** 1453 Steven Kirkham

**Customer Order:**

Specifications Attached

Description of Work	COST	OVERHEAD %	PROFIT %	Amount
Working Foreman 2 Hrs	196.70	15.00		226.21
Carpenter 8 Hrs	709.60	15.00		816.04
Concrete 4 cy	852.72	15.00		980.63
Rebar	168.00	15.00		193.20
Backhoe 2 Hrs	69.00	15.00		79.35
Concrete Washout 4 cy	15.00	15.00		17.25
Bond	23.12			23.12

**Notes**

Added Footing for Above Ground Fuel Tank per Fuel Tank Shop Drawing.

Negative changes will lower the overall contract price requiring no additional payment by owner.

**Requested Amount of Change**

**2,335.80**

The original Contract Sum was .....	699,603.00
Net change by previous Change Orders .....	0.00
The Contract Sum prior to this Change Order .....	699,603.00
The Contract Sum will be changed by this Change Order .....	2,335.80
The new Contract Sum including this Change Order will be .....	701,938.80
The Contract Time will be changed by .....	0 Days

Owner: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_ Date: \_\_\_\_\_

# CAL FIRE - RIVERSIDE UNIT RIVERSIDE COUNTY FIRE DEPARTMENT

**BILL WEISER - FIRE CHIEF**

Office of the Fire Marshal (East)

77-933 Las Montanas Rd., Ste 201, Palm Desert, CA 92211

Bus: (760) 863-8886 ~ Fax: (760) 863-7072 ~ [www.rivcoplus.org](http://www.rivcoplus.org)



**PROUDLY SERVING TH  
UNINCORPORATED  
AREAS OF RIVERSIDE  
COUNTY AND THE  
CITIES OF:**

- BANNING
- BEAUMONT
- CANYON LAKE
- COACHELLA
- DESERT HOT SPRINGS
- EASTVALE
- INDIAN WELLS
- INDIO
- JURUPA VALLEY
- LAKE ELSINORE
- LA QUINTA
- MENIFEE
- MORENO VALLEY
- NORCO
- PALM DESERT
- PERRIS
- RANCHO MIRAGE
- RUBIDOUX CSD
- SAN JACINTO
- TEMECULA
- WILDOMAR

**BOARD OF  
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DISTRICT 4

JEFF HEWITT  
DISTRICT 5

County of Riverside  
99064 SEA VIEW DR  
MECCA, CA 92254

February 11, 2023

<b>Project Name:</b> Fire Station 41	<b>Permit Number:</b> FPFST2300005
<b>Project Address:</b> 99064 SEA VIEW DR MECCA, CA 92254	<b>Case Type:</b> FCN07 - Fuel Dispensers
<b>AE/Contractor:</b> County of Riverside	<b>Reviewer:</b> Maria Escobedo
	<b>Review Number:</b> 1

Riverside County Fire Department (RVCFD) Office of the Fire Marshal (OFM) has reviewed the submitted plans for the referenced project and they are approved.

**090 - Fire**

**Prior to final**

**FIRE -**

**015 – GENERAL CONDITIONS**

- Approved portable fire extinguishers with a minimum rating of 4-A:80-BC shall be provided and located such that an extinguisher is not more than 50 feet from pumps, dispensers, or storage tank fill-pipe openings.
- Warning signs shall be conspicuously posted within sight of each dispenser in the fuel-dispensing area. (NFPA placards, Non-Smoking signs, etc.)
- Emergency disconnect switches shall be approved, clearly identified, readily accessible and located between 20 and 100 feet from the dispensers served. The manual activation of the switch shall stop the transfer of fuel to the fuel dispensers in the event of a fuel spill or other emergency.
- Safety bollards for Heavy Duty vehicle operation areas shall be a minimum 6" diameter schedule 40 steel pipe filled with concrete.

**090 – Prior to Final**

The following inspections and tests are required to be observed by OFM inspectors:

- Piping, tubing, hose and hose assemblies shall be leak tested after assembly to prove them free from leaks at a pressure equal to at least the maximum operating pressure of that portion of the system. NFPA 52:8.4.2.7.1
- Final Inspection – Confirm all conditions are met. (Signage, ESD, Fire Extinguishers, Vehicle Impact Protection, etc.)

The Fire Marshals job card, approved plans and condition letter must be at the job site or NO inspection will be performed.

Applicant/installer shall be responsible to contact the Fire Marshal's Office to schedule inspection(s) a minimum of 72 hours prior to the requested inspection date online [rruofmscheduling@fire.ca.gov](mailto:rruofmscheduling@fire.ca.gov)



**Tilden-Coil Constructors**  
 3612 Mission Inn Ave.  
 Riverside, California 92501  
 951 / 684-5901, FAX /

**Transmittal**  
**No** 23.01.03-08

**PROJECT:** Riverside County Fire Stations 41

**DATE:** Jan 03, 2023

**To:** Tilden-Coil Constructors  
 3612 Mission Inn Ave.  
 Riverside CA 92501

**RE:** SBPK036-Fuel Tank & Dispenser Deferred Approval

**ATTN:** Ernesto Ruvira

**JOB:** 21-029

WE ARE SENDING:		SUBMITTED FOR:		ACTION TAKEN:	
<input type="checkbox"/>	Shop Drawings	<input type="checkbox"/>	Approval	<input checked="" type="checkbox"/>	Approved as Submitted
<input type="checkbox"/>	Letter	<input checked="" type="checkbox"/>	Your Use	<input type="checkbox"/>	Approved as Noted
<input type="checkbox"/>	Prints	<input type="checkbox"/>	As Requested	<input type="checkbox"/>	Returned After Loan
<input type="checkbox"/>	Change Order	<input type="checkbox"/>	Review and Comment	<input type="checkbox"/>	Resubmit
<input type="checkbox"/>	Plans	<input type="checkbox"/>		<input type="checkbox"/>	Submit
<input type="checkbox"/>	Samples	<b>SENT VIA:</b>		<input type="checkbox"/>	Returned
<input type="checkbox"/>	Specifications	<input type="checkbox"/>	Attached	<input type="checkbox"/>	Separate Cover
<input type="checkbox"/>	Other:	<input type="checkbox"/>		<input checked="" type="checkbox"/>	Due Jan 17, 2023
<input checked="" type="checkbox"/>	Submittal:	<input type="checkbox"/>		<input type="checkbox"/>	Other:

Line	Item	Package	Code	Rev.	QTY	Date	Description	Status
1	Submittal	SBPK036	000005-01	1		Jan 03, 2023	DEF. APVL. - Above Ground Fuel Tank & Dispensers: Product Data	Reviewed/Approved
2	Submittal	SBPK036	000005-02	1		Jan 03, 2023	DEF. APVL. - Above Ground Fuel Tank & Dispensers: Shop Drawings	Reviewed/Approved

**REMARKS**

**CC:**

Signed: Ernesto Ruvira Jr  
 Ernesto Ruvira

	<b>Riverside County Fire Station 41</b>	
	Tilden-Coil has reviewed this submittal for general conformance with the contract documents. Tilden-Coil's review of this submittal shall not relieve subcontractor of responsibility for compliance with plans and specifications and for correctness of all dimensions and measurements.	
Title: Ground Fuel Tank & Dispenser	Architect: Holt Architect	
Date: 1/03/2023	Submittal No: 035-023300-00	
Supplier: Orange Coast	Project No: 21-029	

**TYPICAL: COMMENTS IN GREEN BY TCC**

**NOTES**

**PROJECT OVERVIEW**

RIVERSIDE COUNTY FIRE STATION 41 IS PROPOSING THE PERMANENT INSTALLATION OF ONE (1) 600 GALLON ABOVE GROUND DIESEL FUEL TANK ON THE EXISTING COMMERCIAL PROPERTY. THE PROPOSED WORK SHALL CONSIST OF THE FOLLOWING:

- (1) 600 GALLON ABOVE GROUND DOUBLE WALL FIBRE RATED UL 299 LISTED DIESEL FUEL TANK
- CONCRETE TANK PAD AND CRASH POLES FOR BARRIER PROTECTION
- EQUIPMENT TO FILL, VENT, GAUGE, AND DISPENSE DIESEL
- ELECTRICAL POWER TANK

**GENERAL NOTES**

TANK AND EQUIPMENT MANUFACTURED AND INSTALLED IN ACCORDANCE WITH 2019 CFC CHAPTER 29 & 57. TANK INSTALLATION SHALL BE IN ACCORDANCE WITH 2019 CFC APPROVED ELECTRICAL (BRIE) TO BE INSTALLED IN ACCORDANCE WITH THE 2019 CFC.

- ENTIRE SYSTEM SHALL BE BONDING TO PREVENT THE ACCUMULATION OF STATIC ELECTRICITY.
- TANK SHALL NOT BE VISIBLE FROM OFFSITE AND IS NOT INTENDED FOR RETAIL FUEL SALES TO GENERAL PUBLIC. TANK SHALL NOT RESULT IN THE LOSS OR REDUCTION OF PREVIOUSLY APPROVED PARKING SPACES.

**LABELING**

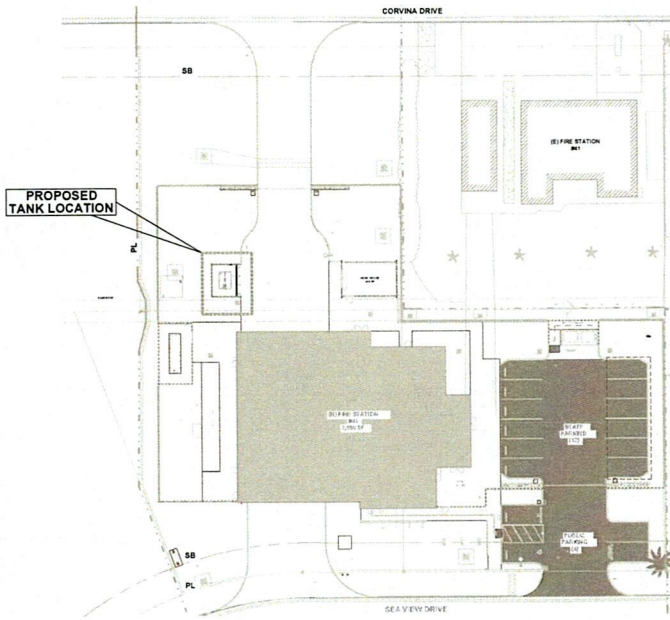
- TANK CONTENTS AND PRODUCT I.D. SHALL BE FIXED TO TANKS CONSPICUOUSLY VISIBLE ON ALL SIDES WHERE FIRE DEPARTMENT ACCESS OCCURS PER 2019 CFC 29A2.2.2.
- "NO SMOKING", "DIESEL COMBUSTIBLE" OR "DANGEROUS FLAMMABLE" AS APPLICABLE SIGNS WILL BE POSTED ON TANKS PER 2019 CFC SECTION 29A2.3.1.
- TANK WILL BE MARKED WITH THE APPROPRIATE PRODUCT IDENTIFICATION, FILL INSTRUCTIONS AND TANK CALIBRATION TABLE. DISPENSERS WILL BE MARKED WITH THE APPROPRIATE PRODUCT IDENTIFICATION.
- STATIC WARNING DECAL AND FUELING INSTRUCTIONS WILL BE POSTED.
- HAZARD PLACARD TO ID THE HAZARD OF THE PRODUCT BEING STORED SHALL BE A MINIMUM OF 18" X 18" VISIBLE FROM APPROACHES BY FIRE APPARATUS.
- HAZARD ETICLING PROCEDURES TO FOLLOW IN CASE OF SPILL AND TELEPHONE CONTACT NUMBERS SHALL BE POSTED PER 2019 CFC SECTION 29A2.3.5.
- OPERATING INSTRUCTIONS SHALL BE POSTED.

**FIRE DEPARTMENT NOTES**

- THIS REVIEW IS FOR ABOVE GROUND STORAGE TANK ONLY.
- THIS REVIEW SHALL BE BY FIRE DEPARTMENT'S HAZARDOUS MATERIALS DIVISION.
- SEPARATE SUBMITTAL REQUIRED FOR BUILDING AND SAFETY DEPARTMENT FOR FOUNDATION AND SEISMIC ANCHORS OF TANK.
- TANK SHALL BE LOCATED IN ACCORDANCE WITH 2019 CFC 29A2.3.6.1.
- TANK IS DESIGNED AS A DOUBLE WALLED SELF-DRAINING TANK AND ALLOW NO RAINFALL TO ENTER SYSTEM.
- TANKS UL 299 AND UL 299C LISTED HAVING A "PROTECTED TANK" LABELS AND OR EXCEEDS FIRE RATINGS AS WELL AS PROTECTIVE REQUIREMENTS AS PER 2019 CFC CHAPTER 29 & 57.
- TANK SUPPORTS ARE CAST AS PART OF THE TANK AND HAVE PASSED A TWO (2) HOUR FIRE TEST AS PART OF THE UL 299C REQUIREMENTS.
- FOUNDATION PAD AND CURTAINMENT CURB ARE CONCRETE WHICH IS NOT AFFECTED BY THE MATERIAL BEING STORED IN TANK.
- ALL VISIBLE ABOVE GROUND PIPING SHALL BE IDENTIFIED, OPERATOR FILLING THE TANKS WILL BE ALERTED THAT THE TANK IS AT 90% CAPACITY BY AND ALLEGED AND VISUAL HIGH LEVEL ALARM, VISIBLE FROM FILL BOG LOCATION.
- FILL LIMITER VALVES SET TO SHUT-OFF AT 90% CAPACITY PER 2019 CFC 29A2.3.5.
- ALL EQUIPMENT DISPENSERS HOSE, NOZZLE AND SUBMERGIBLE AND SUBSURFACE PUMPS USED IN FUEL DISPENSING SYSTEMS SHALL BE LISTED PER THE 2019 CFC 29A2.3.7.
- DISPENSING OPERATIONS WILL BE UNDER THE SUPERVISION OF A QUALIFIED ATTENDANT AT ALL TIMES PER THE 2019 CFC 29A2.3.7.
- FIRE DEPARTMENT IS TO TEST DISPENSING EQUIPMENT PIPING AND THE EMERGENCY SHUT-OFF DEVICE PERIODICALLY TO TEST FILL.
- EMERGENCY SHUT-OFF SWITCH LOCATION SHALL BE MIN 20' AND MAX 100' FROM TANK. SIGN SHALL BE LEGIBLE FROM SO.
- EMERGENCY SAFETY EQUIPMENT
- ALL SIGNS OF FIRE EXTINGUISHER MOUNTED ON WALL WITH E.S.C. PER 2019 CFC 29A2.3.7.
- FIRE EXTINGUISHER SIGN SHALL BE LEGIBLE FROM SO FEET.
- ALL EMPLOYEES WILL BE TRAINED TO SAFELY OPERATE AND MAINTAIN THE FUEL SYSTEM FIRE EXTINGUISHER AND EDUCATED ON HOW TO PROTECT THE ENVIRONMENT FROM HARMFUL CONTAMINANTS.

# RIVERSIDE COUNTY FIRE STATION 41

## ABOVE GROUND FUEL TANK INSTALLATION



OVERALL PLOT PLAN

**SHEET INDEX**

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T-2	ENLARGED PLOT PLAN
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A-3	TANK EQUIPMENT
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A-6	TANK EQUIPMENT
S-1	FOUNDATION PLAN
S-2	SEISMIC CALCULATIONS
S-3	SEISMIC CALCULATIONS
E-1	ELECTRICAL NOTES
E-2	ELECTRICAL PLAN

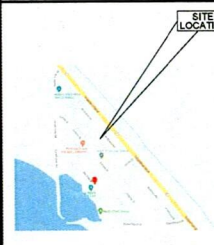
**AGENCIES**

COUNTY OF RIVERSIDE  
BUILDING & SAFETY DEPARTMENT  
4800 LEWIS STREET 3RD FLOOR  
RIVERSIDE, CA 92501  
(951) 955-1905

RIVERSIDE COUNTY  
FIRE DEPARTMENT - PLANNING DIVISION  
2003 MARKET STREET 4150  
RIVERSIDE, CA 92501  
(951) 965-4177

**APPROVAL**  
Riverside County Fire Department  
Chief of the Fire Marshal  
By: *Maria Escobedo*  
02/02/2019 10:35 AM  
PPFST2300005

**VICINITY MAP**



**GRAPHIC SCALE**

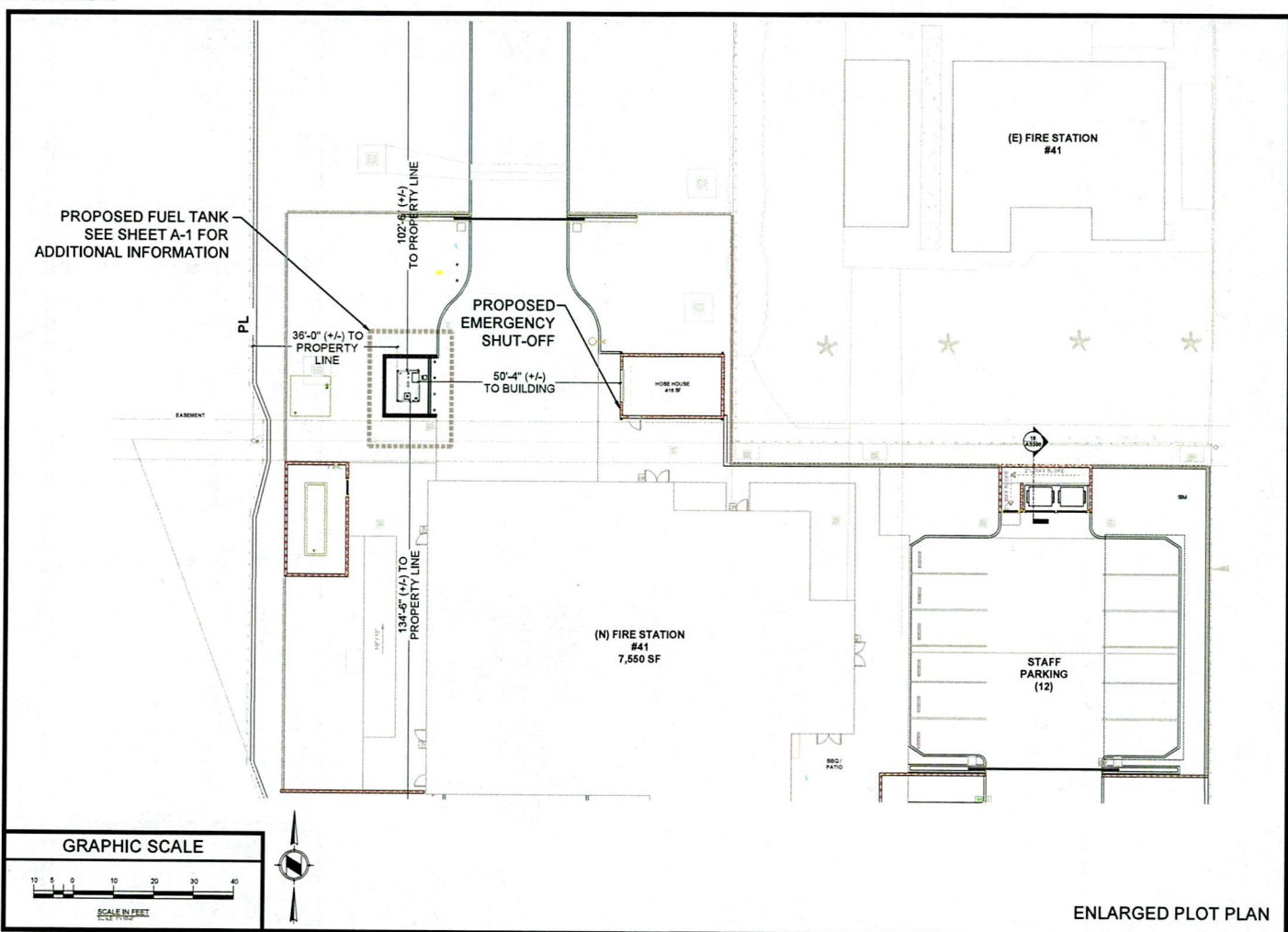


RIVERSIDE COUNTY FIRE STATION 41  
89054 SEA VIEW DRIVE  
MECCA, CA 92254

COVER SHEET AND  
OVERALL PLOT PLAN

ORANGE COAST  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL ENGINEERING





RIVERSIDE COUNTY FIRE STATION 41  
 99054 SEA VIEW DRIVE  
 MECCA, CA 92254

REVISED	BY	DATE	REVISION

ENLARGED PLOT PLAN

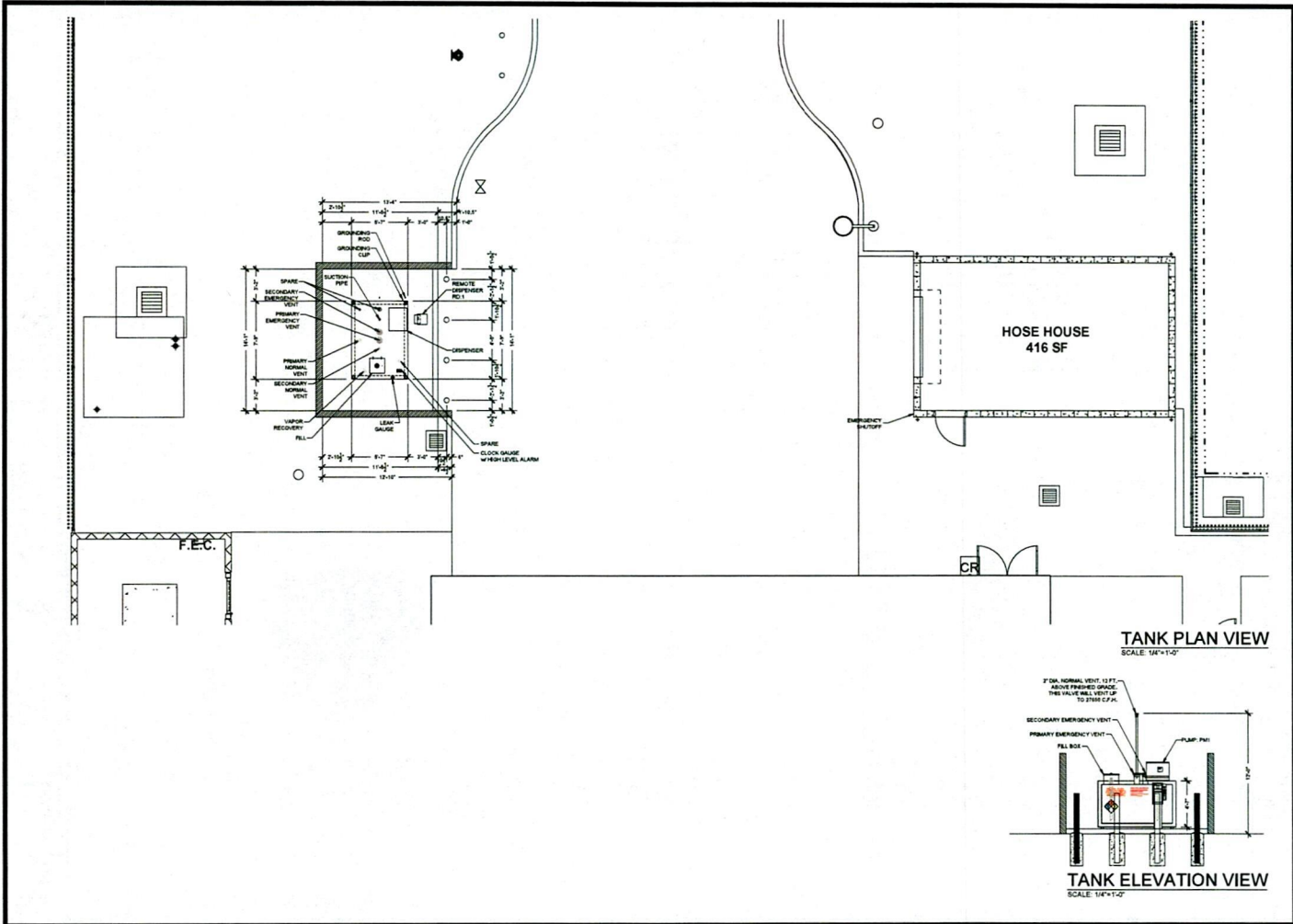
**ORANGE COAST**  
 PLANNING & ENGINEERING, INC.  
 10000 S. 200TH ST. SUITE 200  
 TUSTIN, CA 92680



**T-2**

ENLARGED PLOT PLAN





**RIVERSIDE COUNTY FIRE STATION 41**  
 99054 SEA VIEW DRIVE  
 MECGA, CA 92554

PROJECT NO.	100000001
DATE	NOV/04

**TANK PLAN AND ELEVATIONS**

**ORANGE COUNTY**  
 PLANNING DEPARTMENT  
 100000001



**A-1**



**BOOMER VAULT TANK™ SIL LINES DOME  
PROTECTED SECONDARY CONTAINMENT TANK  
(RECTANGULAR DESIGN)**

**1.0 GENERAL TANK DESCRIPTION:**

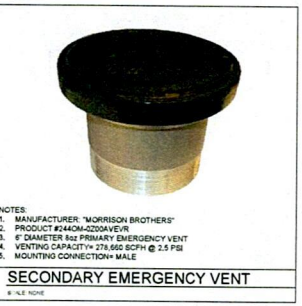
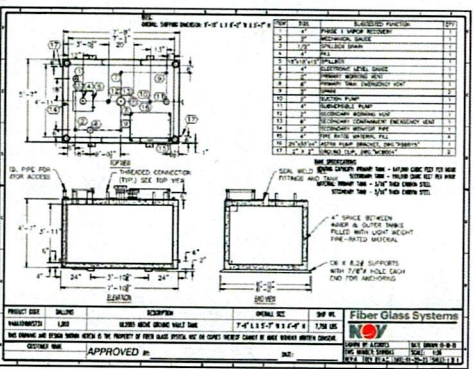
- 1.1 Boomer Vault Tanks are constructed and tested in accordance with Underwriters Laboratories Inc. Standard 299 for Protected Secondary Containment Enclosures for Petroleum and Chemical Industry. (Previous Type: The 299 test was done at temperature and humidity conditions that are not representative of the required tank and vault construction. The current test conditions are 70 degrees F and 65% relative humidity.)
- 1.2 The design model Boomer Vault Tank is constructed in a UL 142 Listed secondary containment tank, which meets the test and code.
- 1.3 All Vault Tank designs are tested to full penetration according to Appendix B.4 of the UL 142 Code.
- 1.4 UL approval is granted for the primary storage tank and shall be UL listed to allow the storage of materials in the primary tank.
- 1.5 The tank must have Certification from CMAA for Phase 1 Vapor Recovery.
- 1.6 The vaulted top dome shall be welded to the bottom of the secondary tank and have Zone 4 explosion resistance.
- 1.7 The tank must be situated on site with a slope.
- 1.8 All openings shall be from the top with respect to 100' rain.
- 1.9 The tank manufacturer shall provide a certificate of compliance that provides a description of design model 008-011-001-001 of Protected Leaking Containment Enclosure.
- 1.10 The Vault Tank is made of Fiberglass Reinforced Plastic (FRP).
- 1.11 The tank manufacturer shall provide proof of minimum 3 years of industry building code tests.

**2.0 PRIMARY STORAGE TANKS:**

- 2.1 The elevated storage design tank shall be designed in design 3 shell as recommended by UL. The approved design shall be stamped and approved by UL.
- 2.2 The primary storage tank shall be constructed of minimum ASTM A302 or A307 carbon steel or ASTM A302 type 304 or 316 stainless steel, as required for compatibility of product being stored.
- 2.3 The primary storage tank shall be constructed and tested in accordance with UL 142 Standard.
- 2.4 The primary storage tank shall be tested with a 4" or 6" (100 mm) 10" (254 mm) diameter steel ball, where a 4" or 6" (100 mm) diameter ball shall be used for testing. The ball shall be constructed of a minimum of 100% carbon steel, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel.
- 2.5 The primary tank shall be tested with a 2" (50 mm) diameter steel ball, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel.
- 2.6 The primary tank shall be tested with a 2" (50 mm) diameter steel ball, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel.

**3.0 SECONDARY LEAK CONTAINMENT TANK:**

- 3.1 The secondary leak containment tank shall be designed in design and tested according to UL 299. The secondary containment tank shall be constructed of minimum 1/2" (12.7 mm) thick stainless steel, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel.
- 3.2 The secondary leak containment tank shall be tested with a 2" (50 mm) diameter steel ball, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel.
- 3.3 The secondary leak containment tank shall be tested with a 2" (50 mm) diameter steel ball, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel.
- 3.4 The secondary leak containment tank shall be tested with a 2" (50 mm) diameter steel ball, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel.
- 3.5 The secondary leak containment tank shall be tested with a 2" (50 mm) diameter steel ball, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel, with a minimum of 100% carbon steel.



**TANK DRAWINGS & SPECIFICATIONS**

RIVERSIDE COUNTY FIRE STATION 41  
99054 SEA VIEW DRIVE  
MECCA, CA 92254

TANK DRAWINGS & SPECIFICATIONS

ORANGE COAST  
FIRE EQUIPMENT, INC.  
11111 S. GARDEN AVENUE  
DANA POINT, CA 92629



**A-2**




**NOTES**

1. MANUFACTURER: MORRISON BROS.
2. PRODUCT NUMBER = 909C2005 AV
3. PASSIVATED ALUMINUM ADAPTOR AND BODY, NITROPHYL M FLOAT
4. FLOW RATE: 175 GPM @ 10 PSI PRESSURE DROP
5. MAX OPERATING PRESSURE IS 100 PSIG
6. 2" PREVENTION VALVE WITH 2" MALE QUICK DISCONNECT X 4" THREADS
7. CARB APPROVAL: CARB EVR EXECUTIVE ORDER 402

**OVERFILL PREVENTION**

SCALE: NONE



**NOTES**

1. MANUFACTURER: MORRISON BROS
2. PRODUCT NUMBER = 415B-204 TEVB
3. 2" X 6' EXTRUDED ALUMINUM DROP TUBE
4. CARB EVR APPROVED
5. UL LISTED

**DROP TUBE**

SCALE: NONE



**NOTES**

1. MANUFACTURER: MORRISON BROS
2. PRODUCT NUMBER = 748 CRB-5000 AV
3. 2" NPSM ALUMINUM PRESSURE VACUUM VENT
4. BODY, HOOD AND PRESSURE POPPET ARE ANODIZED ALUMINUM
5. BURNAN BODY SEAL
6. 40 MESH STAINLESS STEEL SCREEN
7. PRESSURE SETTING: 4.0 PSIG @ 10
8. VACUUM SETTING: 5.0 INCH HG
9. SCPM: 5200 @ 20 ABRN RQ
10. APPROVALS: CARB 95-14

**PRESSURE VACUUM VENT**

SCALE: NONE



**NOTES**

1. MANUFACTURER: MORRISON BROS
2. PRODUCT NUMBER = 240C-200AV
3. 6" FEMALE THREAD AND 8 OZ CAP
4. ALUMINUM BODY WITH VITON B SEAT MATERIAL AND CAST IRON POWDER COAT
5. VENTING CAPACITY OF 299 684 SCFH AT 2.5 PSIG
6. APPROVALS: CARB, PHASE I EVR, V640-0-8
7. UL LISTED 2583

**6" EMERGENCY VENT**

SCALE: NONE



**NOTES**

1. MANUFACTURER: MORRISON BROS
2. PRODUCT NUMBER = 918-2000 AG EVR
3. MECHANICAL CLOCK GAUGE WITH TWO ALARM SET POINTS AND DROP TUBE FLOAT
4. FLOAT DEVICE: DROP TUBE FLOAT
5. SHORT HAND READS IN FEET, LONG HAND READS IN INCHES
6. MEASURES LIQUID WITHIN STORAGE TANK UP TO 12'
7. ACCURACY: 1/8 OF AN INCH
8. 2" MALE THREADED BODY CONNECTION
9. APPROVALS: CARB EVR EXECUTIVE ORDER VR-402
10. UL LISTED E204367

**CLOCK GAUGE**

SCALE: NONE



**NOTES**

1. MANUFACTURER: MORRISON BROS
2. PRODUCT NUMBER = 918D-1100 AA
3. DUAL INPUT CHANNEL TANK ALARM BOX WITH BEACON
4. 95 DB AUDIBLE ALARM
5. RED LED STROBE LIGHT
6. REPLACEABLE LITHIUM BATTERY
7. UL LISTED E204367 & 913

**TANK ALARM WITH BEACON**

SCALE: NONE

RIVERSIDE COUNTY FIRE STATION 41  
89064 SEA VIEW DRIVE  
MECCA, CA 92254

DATE	BY	REVISION

**TANK EQUIPMENT DETAILS**



 <p>NOTES:</p> <ol style="list-style-type: none"> <li>1. MANUFACTURER: QASBOY</li> <li>2. PRODUCT NUMBER = 9823G-F</li> <li>3. 11 GA 50K GAL VARNISHED STEEL</li> <li>4. SPLIT-REMOTE, A57-MOUNTED PUMP WITH ELECTRONIC DISPLAY AND NOZZLE HANG-UP AT GRADE</li> <li>5. 11" LCD DISPLAY WITH LED BACKLIGHT AND CAPACITOR BACKUP</li> <li>6. RATED AT 21 GPM</li> <li>7. 1 HP CO = 110/190 PSI</li> <li>8. 50 PSI MAX WORKING PRESSURE</li> <li>9. 10 VANE ROTARY WITH AIR SEPARATOR</li> <li>10. 1" NPT HOSE CONNECTION</li> <li>11. UL &amp; CUL LISTED</li> </ol> <p><b>DISPENSER</b> SCALE 1:1000</p>	 <p>NOTES:</p> <ol style="list-style-type: none"> <li>1. MANUFACTURED BY CIM TEK</li> <li>2. PRODUCT NUMBER = 90003</li> <li>3. CONSTRUCTED WITH CAST IRON</li> <li>4. 3/4" NPT INLET AND OUTLET</li> <li>5. 1" - 12 THREAD</li> <li>6. UL LISTED</li> </ol> <p><b>FILTER ADAPTOR</b> SCALE 1:1000</p>	 <p>NOTES:</p> <ol style="list-style-type: none"> <li>1. MANUFACTURER: CENTRAL ILLINOIS MANUFACTURING COMPANY</li> <li>2. PRODUCT NUMBER = 70612</li> <li>3. 20 MICRON PARTICULATE FILTER WITH CELLULOSE MEDIA</li> <li>4. 1" x 12" THREAD</li> <li>5. UP TO 25 GPM MAX FLOW</li> <li>6. UL LISTED</li> </ol> <p><b>FILTER</b> SCALE 1:1000</p>	 <p>NOTES:</p> <ol style="list-style-type: none"> <li>1. MANUFACTURER: MORRISON BROG</li> <li>2. PRODUCT NUMBER = 816084020 AR</li> <li>3. CAST IRON HEAD, E-COATED BLACK</li> <li>4. STAINLESS STEEL CABLE CONNECTORS WITH 360° ROTATION</li> <li>5. INSTALLS ON A 2" SCHEDULE 80 PIPE</li> <li>6. COUNTERWEIGHT ASSEMBLIES MATCHED WITH SPECIFIED HOSE DIAMETERS AND LENGTHS</li> <li>7. PLASTIC HOSE CLAMP (3/4" or 1" NPT)</li> </ol> <p><b>HOSE RETRIEVER</b> SCALE 1:1000</p>
 <p>NOTES:</p> <ol style="list-style-type: none"> <li>1. MANUFACTURER: CONTINENTAL/GOODYEAR</li> <li>2. PRODUCT NUMBER = 532-328-2499-200</li> <li>3. NITRILE SYNTHETIC RUBBER INNER TUBE</li> <li>4. HARDWALL WIRE BRAID REINFORCEMENT</li> <li>5. FUTURE SYNTHETIC RUBBER COVER</li> <li>6. 3/4" x 1/8"</li> <li>7. UL LISTED 335</li> </ol> <p><b>FLEXSTEEL HOSE</b> SCALE 1:1000</p>	 <p>NOTES:</p> <ol style="list-style-type: none"> <li>1. MANUFACTURER: HUSKY CORPORATION</li> <li>2. PRODUCT NUMBER = 002360</li> <li>3. RECONNECTABLE HIGH FLOW SAFE-T-BREAK</li> <li>4. ALUMINUM BODY WITH FLUOROCARBON SEALS AND STAINLESS STEEL SPRINGS</li> <li>5. NPT 3/4" F x 3/4" F CONNECTION</li> <li>6. UL LISTED</li> </ol> <p><b>SAFETY BREAK</b> SCALE 1:1000</p>	 <p>NOTES:</p> <ol style="list-style-type: none"> <li>1. MANUFACTURER: HUSKY CORPORATION</li> <li>2. PRODUCT NUMBER = CP12HW75</li> <li>3. 3/4" ID BLACK HARDWALL ASSEMBLY HOSE</li> <li>4. MULTIPLE TEXTILE BRAIDS WITH DUAL STATIC WIRE HELIX REINFORCEMENT</li> <li>5. BLACK NITRILE TUBE WITH BLACK CPE JACKET</li> <li>6. UL LISTED</li> </ol> <p><b>LOW PERM WHIP HOSE</b> SCALE 1:1000</p>	 <p>NOTES:</p> <ol style="list-style-type: none"> <li>1. MANUFACTURER: HUSKY CORPORATION</li> <li>2. PRODUCT NUMBER = 002600</li> <li>3. MULTI-PLANE SWIVEL WITH HIGH ALUMINUM ZINC ALLOY</li> <li>4. FLUOROCARBON OUTER G-RING</li> <li>5. FLUOROSILOXANE INNER G-RING</li> <li>6. FLOW RATE UP TO 100 GPM</li> <li>7. 3/4" M x 3/4" F NPT</li> </ol> <p><b>SWIVEL</b> SCALE 1:1000</p>
 <p>NOTES:</p> <ol style="list-style-type: none"> <li>1. MANUFACTURER: HUSKY CORPORATION</li> <li>2. PRODUCT NUMBER = 33703N-03</li> <li>3. 3/4" NPT AUTOMATIC NOZZLE WITH LEADED SPOUT</li> <li>4. DIE CAST ALUMINUM BODY WITH FLUOROCARBON SEALS</li> <li>5. ONE PIECE CONTOURED STEEL LEVER WITH HARD PLASTIC COVER</li> <li>6. FEATURES: SINGLE HOLD OPEN LATCH &amp; HOOK</li> <li>7. UP TO 18 GPM</li> </ol> <p><b>AUTOMATIC NOZZLE</b> SCALE 1:1000</p>			

DIESEL TANK EQUIPMENT DETAILS: DISPENSING

**RIVERSIDE COUNTY FIRE STATION 41**  
99054 SEA VIEW DRIVE  
MECCA, CA 92264

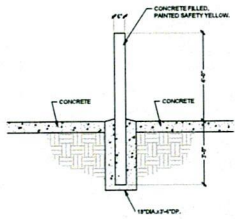
REVISED	BY	DATE

**TANK EQUIPMENT DETAILS**

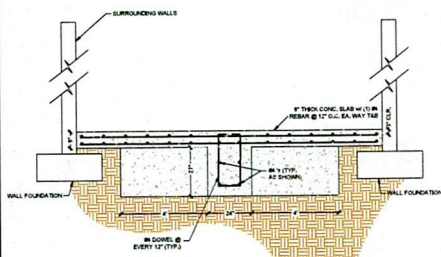
**ORANGE COAST**  
ELECTRO-PNEUMATIC EQUIPMENT, INC.  
1000 W. 10TH AVENUE, SUITE 100  
ORANGE, CA 92667  
TEL: 714/962-2200  
WWW.ORANGECOASTEQUIPMENT.COM

UL LISTED  
EQUIPMENT

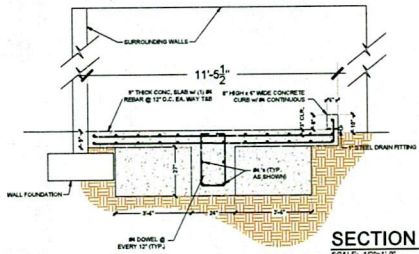
**A-4**



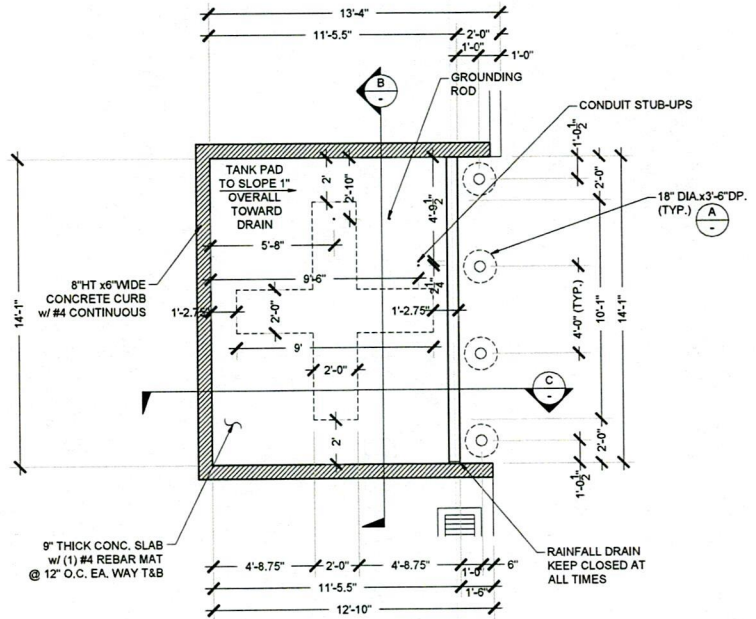
**DETAIL 'A' CRASH POLE**  
SCALE: 1/2"=1'-0"



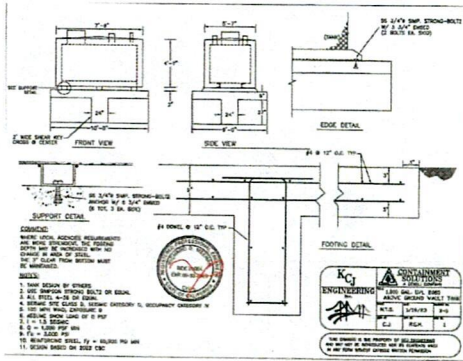
**SECTION 'B'**  
SCALE: 1/2"=1'-0"



**SECTION 'C'**  
SCALE: 1/2"=1'-0"



**CONCRETE PLAN**  
SCALE: 1/4"=1'-0"



K.C. Engineering, Inc.  
29411 Central Expressway  
Laguna Hills, CA 92653-0120  
Tel: (949) 392-8888  
Fax: (949) 392-9999

Client: Continental Sealed Air  
Project: 1000 Sea View Street FT  
Date: 1/10/2011

• Tank designed by others  
• No settlement checking  
• Tank installation per [unreadable]  
• Allowance for tank weight  
• Allowance for tank contents  
• Allowance for tank wind loads  
• Allowance for tank seismic loads  
• Allowance for tank temperature loads  
• Allowance for tank vibration loads  
• Allowance for tank other loads

General Tank Dimensions  
Tank Type: [unreadable]  
Tank Diameter: [unreadable]  
Tank Height: [unreadable]  
Tank Wall Thickness: [unreadable]  
Tank Floor Thickness: [unreadable]

Location  
Site: [unreadable]  
Soil: [unreadable]  
Foundation: [unreadable]

K.C. Engineering, Inc.  
29411 Central Expressway  
Laguna Hills, CA 92653-0120  
Tel: (949) 392-8888  
Fax: (949) 392-9999

Client: Continental Sealed Air  
Project: 1000 Sea View Street FT  
Date: 1/10/2011

• Tank designed by others  
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• Allowance for tank vibration loads  
• Allowance for tank other loads

General Tank Dimensions  
Tank Type: [unreadable]  
Tank Diameter: [unreadable]  
Tank Height: [unreadable]  
Tank Wall Thickness: [unreadable]  
Tank Floor Thickness: [unreadable]

Location  
Site: [unreadable]  
Soil: [unreadable]  
Foundation: [unreadable]

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29411 Central Expressway  
Laguna Hills, CA 92653-0120  
Tel: (949) 392-8888  
Fax: (949) 392-9999

Client: Continental Sealed Air  
Project: 1000 Sea View Street FT  
Date: 1/10/2011

Designation: Restrained  
Type of Soil: [unreadable]  
Allowance for Soil: [unreadable]  
Allowance for Wind: [unreadable]  
Allowance for Seismic: [unreadable]  
Allowance for Temperature: [unreadable]  
Allowance for Vibration: [unreadable]

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29411 Central Expressway  
Laguna Hills, CA 92653-0120  
Tel: (949) 392-8888  
Fax: (949) 392-9999

Client: Continental Sealed Air  
Project: 1000 Sea View Street FT  
Date: 1/10/2011

Designation: Restrained  
Type of Soil: [unreadable]  
Allowance for Soil: [unreadable]  
Allowance for Wind: [unreadable]  
Allowance for Seismic: [unreadable]  
Allowance for Temperature: [unreadable]  
Allowance for Vibration: [unreadable]

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29411 Central Expressway  
Laguna Hills, CA 92653-0120  
Tel: (949) 392-8888  
Fax: (949) 392-9999

Client: Continental Sealed Air  
Project: 1000 Sea View Street FT  
Date: 1/10/2011

Designation: Restrained  
Type of Soil: [unreadable]  
Allowance for Soil: [unreadable]  
Allowance for Wind: [unreadable]  
Allowance for Seismic: [unreadable]  
Allowance for Temperature: [unreadable]  
Allowance for Vibration: [unreadable]

K.C. Engineering, Inc.  
29411 Central Expressway  
Laguna Hills, CA 92653-0120  
Tel: (949) 392-8888  
Fax: (949) 392-9999

Client: Continental Sealed Air  
Project: 1000 Sea View Street FT  
Date: 1/10/2011

Designation: Restrained  
Type of Soil: [unreadable]  
Allowance for Soil: [unreadable]  
Allowance for Wind: [unreadable]  
Allowance for Seismic: [unreadable]  
Allowance for Temperature: [unreadable]  
Allowance for Vibration: [unreadable]

SEISMIC CALCULATIONS

RIVERSIDE COUNTY FIRE STATION 41  
99054 SEA VIEW DRIVE  
MECCA, CA 92254

DATE	PROJECT

SEISMIC CALCULATIONS

ORANGE COAST  
SEISMIC DESIGN & ANALYSIS, INC.  
11011 S. BAYVIEW BLVD., SUITE 100  
FERRIS, CA 92535

SIMPSON Anchor Designer™	
Software Version 12.0.0	
Project: RIVERSIDE COUNTY FIRE STATION 41	
Location: MECCA, CA	
Date: 10/26/2023	
User: J. M. ...	
Printer: ...	
Print Range: 1-10	
Print Date: 10/26/2023 10:00 AM	

**1. Project Information**  
 Location: ...  
 Date: ...  
 User: ...

**2. Material Properties**  
 Concrete: ...  
 Steel: ...

**3. Anchor Details**  
 Embedment Depth: ...  
 Spacing: ...



Figure 1: 3D view of the anchor and foundation details.

SIMPSON Anchor Designer™	
Software Version 12.0.0	
Project: RIVERSIDE COUNTY FIRE STATION 41	
Location: MECCA, CA	
Date: 10/26/2023	
User: J. M. ...	
Printer: ...	
Print Range: 1-10	
Print Date: 10/26/2023 10:00 AM	

**4. Design Results**  
 Design Strength: ...  
 Allowable Load: ...

**5. Section Properties**  
 Area: ...  
 Moment of Inertia: ...

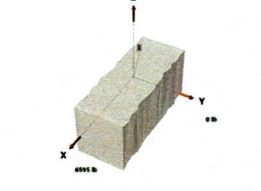


Figure 2: 2D cross-section view of the anchor and foundation.

SIMPSON Anchor Designer™	
Software Version 12.0.0	
Project: RIVERSIDE COUNTY FIRE STATION 41	
Location: MECCA, CA	
Date: 10/26/2023	
User: J. M. ...	
Printer: ...	
Print Range: 1-10	
Print Date: 10/26/2023 10:00 AM	

**6. Design Results**  
 Design Strength: ...  
 Allowable Load: ...

**7. Section Properties**  
 Area: ...  
 Moment of Inertia: ...



Figure 3: 2D cross-section view of the anchor and foundation.

SIMPSON Anchor Designer™	
Software Version 12.0.0	
Project: RIVERSIDE COUNTY FIRE STATION 41	
Location: MECCA, CA	
Date: 10/26/2023	
User: J. M. ...	
Printer: ...	
Print Range: 1-10	
Print Date: 10/26/2023 10:00 AM	

**8. Design Results**  
 Design Strength: ...  
 Allowable Load: ...

**9. Section Properties**  
 Area: ...  
 Moment of Inertia: ...



Figure 4: 2D cross-section view of the anchor and foundation.

SIMPSON Anchor Designer™	
Software Version 12.0.0	
Project: RIVERSIDE COUNTY FIRE STATION 41	
Location: MECCA, CA	
Date: 10/26/2023	
User: J. M. ...	
Printer: ...	
Print Range: 1-10	
Print Date: 10/26/2023 10:00 AM	

**10. Design Results**  
 Design Strength: ...  
 Allowable Load: ...

**11. Section Properties**  
 Area: ...  
 Moment of Inertia: ...



Figure 5: 2D cross-section view of the anchor and foundation.

SIMPSON Anchor Designer™	
Software Version 12.0.0	
Project: RIVERSIDE COUNTY FIRE STATION 41	
Location: MECCA, CA	
Date: 10/26/2023	
User: J. M. ...	
Printer: ...	
Print Range: 1-10	
Print Date: 10/26/2023 10:00 AM	

**12. Design Results**  
 Design Strength: ...  
 Allowable Load: ...

**13. Section Properties**  
 Area: ...  
 Moment of Inertia: ...



Figure 6: 2D cross-section view of the anchor and foundation.

REVISED	DATE

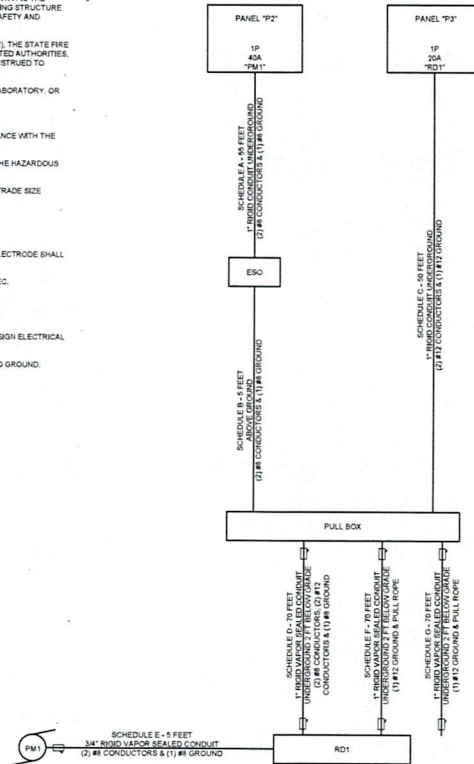
SEISMIC CALCULATIONS



## GENERAL NOTES

- THE ELECTRICAL DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC IN NATURE. THE DRAWING SHOWS THE APPROXIMATE LOCATION OF EQUIPMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL THE EQUIPMENT AND ASSOCIATED WIRING IN SUCH A MANNER TO CONFORM TO THE EXISTING STRUCTURE OF THE BUILDING, OUTSIDE STRUCTURES AND ALL OTHER UNDERGROUND UTILITIES. AVOID ALL OBSTRUCTIONS AND MEET ALL APPLICABLE SAFETY AND ELECTRICAL CODES.
- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRICAL CODE (NEC), THE STATE FIRE MARSHALL REGULATIONS, FIRE PROTECTION ASSOCIATION #70, CALIFORNIA ADMINISTRATIVE CODES, TITLE 8 (CAL-OSHA), LEGALLY CONSTITUTED AUTHORITIES, LOCAL AND CITY CODES AND OTHER APPLICABLE STATE LAWS OR REGULATIONS. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.
- ALL ELECTRICAL MATERIALS AND EQUIPMENT TO BE USED IN THIS INSTALLATION SHALL BE LISTED BY A RECOGNIZED ELECTRICAL TESTING LABORATORY, OR BARE LABEL OR LISTING BY THE UNDERWRITER'S LABORATORIES.
- ALL WIRING SHALL BE COPPER 600V THHN INSULATION.
- AREAS IN THIS INSTALLATION CONSIDERED HAZARDOUS DUE TO THE HANDLING OF LIQUID PETROLEUM PRODUCTS SHALL BE IN FULL COMPLIANCE WITH THE NEC AND ALL OTHER APPLICABLE CODES.
- AN APPROVED SEAL SHALL BE PROVIDED IN EACH CONDUIT RUN ENTERING OR LEAVING DISPENSER OR ANY CAVITY OR ENCLOSURE WITHIN THE HAZARDOUS CLASSIFIED AREAS.
- MAXIMUM PERMITTED CROSS SECTION FILL OF SEALS SHALL NOT EXCEED 25% OF THE CROSS-SECTIONAL AREA OF A CONDUIT OF THE SAME TRADE SIZE UNLESS SPECIFICALLY APPROVED (501.15(C)(4)).
- APPROVED SEALS SHALL BE PROVIDED TO HORIZONTAL AS WELL AS VERTICAL BOUNDARIES OF THE DEFINED CLASS 1 LOCATIONS.
- ALL EQUIPMENT FASTENED IN PLACE OR CONNECTED BY PERMANENT WIRING METHOD SHALL BE GROUNDED.
- GROUNDED - IN SOME CASES WHERE METAL UNDER GROUND WATER PIPE IS NOT AVAILABLE OR NOT SUITABLE FOR GROUND, GROUNDING ELECTRODE SHALL BE EMPLOYED AND SHALL BE IN COMPLIANCE WITH THE NEC, ARTICLE 256.
- AS AN OPTION TO NOTE #10 (ABOVE), INSTALL 8-2" GROUNDING COPPER. GROUND ALL ELECTRICAL ENCLOSURES IN ACCORDANCE TO THE NEC.
- THE ELECTRICAL CONTRACTOR SHALL MAKE POWER CONNECTIONS TO ALL MOTORS AND EQUIPMENT FURNISHED BY OTHERS.
- THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL ELECTRICAL PERMITS AND PAY THE ASSOCIATED FEES.
- ALL MODIFICATIONS, CONNECTIONS, AND CHANGES WHICH DEVIATE FROM THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ELECTRICAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- THE ENTIRE WIRING SYSTEM SHALL BE TESTED FOR SHORT CIRCUITS, GROUND AND INSULATION RESISTANCE BETWEEN CONDUCTORS AND TO GROUND.
- AFTER THE WIRING SYSTEM TEST (SEE NOTE 12), PERFORM THE ACCEPTANCE TEST OF THE ELECTRICAL SYSTEM OPERATION.
- ALL SWITCHES (I.E. EMERGENCY SHUT DOWN SWITCH) WILL BE MOUNTED AT HEIGHTS PER STATE OF CALIFORNIA HANDICAP REQUIREMENTS.

## SINGLE LINE DIAGRAM



## LEGEND

- PUMP MOTOR 1 - 3/4HP SUCTION PUMP
- VAPOR SEAL
- EMERGENCY SHUT-OFF
- REMOTE DISPENSER 1

RIVERSIDE COUNTY FIRE STATION 41  
99054 SEA VIEW DRIVE  
MECCA, CA 92564

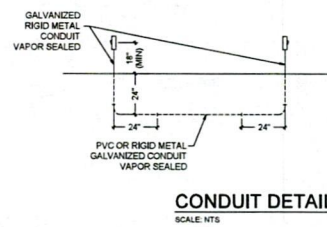
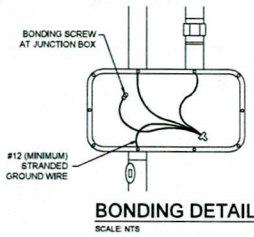
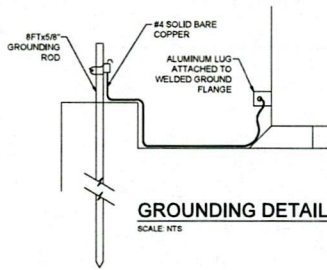
## ELECTRICAL NOTES

ORANGE COAST  
ELECTRICAL CONTRACTORS, INC.  
1000 N. 10TH STREET, SUITE 100  
COSTA MESA, CA 92626  
TEL: 714.441.1111 FAX: 714.441.1112



**E-1**





**CONDUIT SCHEDULE**

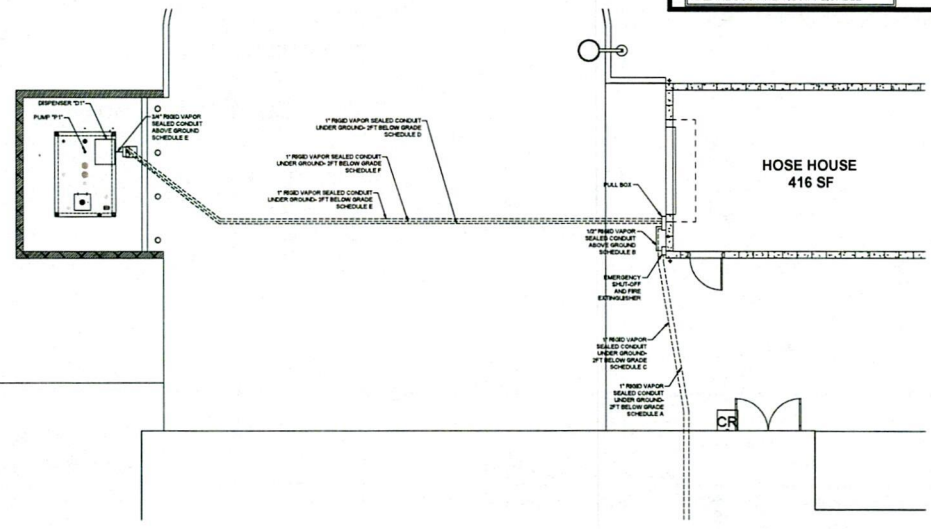
Run	Size	Type	Location	Route / Description
A	1"	Rigid	Underground	Panel "V" to Emergency Pump Shut Off Switch
B	1"	Intermediate EMT	Above Ground	Emergency Pump Shut Off Switch to Fuel Box
C	1"	Rigid	Underground	Panel "V" to P.M. Box
D	1"	Rigid Vapor Sealed	Underground	Fuel Box to Remote Dispenser / Transfer in Tank Panel
E	1/2"	Rigid Vapor Sealed	Above Ground	P.M. Box to Dispenser C1
F	1"	Rigid Vapor Sealed	Underground	Fuel Box to Tank Panel - Fuel Box Management System
G	1"	Rigid Vapor Sealed	Underground	Fuel Box to Tank Panel - Inventory Monitoring System

**WIRE SCHEDULE**

Group	Wire Type	Run Letter	A	B	C	D	E	F	G
10	12 AWG	-	-	-	-	-	-	-	-
12	12 AWG	-	-	-	-	-	-	-	-
13	12 AWG	-	-	-	-	-	-	-	-
14	12 AWG	-	-	-	-	-	-	-	-
15	12 AWG	-	-	-	-	-	-	-	-
16	12 AWG	-	-	-	-	-	-	-	-
17	12 AWG	-	-	-	-	-	-	-	-
18	12 AWG	-	-	-	-	-	-	-	-
19	12 AWG	-	-	-	-	-	-	-	-
20	12 AWG	-	-	-	-	-	-	-	-

**VOLTAGE DROP CALCULATIONS:**  
 Calculation System:  
 $V_D = \frac{2 \times I \times L \times K}{CM}$       A - Load Current in Amperes  
 I - Amperes of Circuit      L - Length of Circuit in Feet (one way)  
 Pump #1 - 34 hp - Diesel  
 $V_D = \frac{2 \times 120 \times 100 \times 1.73}{106} = 2.36\%$

**AMPERAGE CALCULATIONS:**  
 Motor Protection / Breaker Calculation:  
 Pump #1 - 34 hp - Diesel  
 AMPS @ 208V = 8.5 AMPS      AMPS @ 120V = 17.25 AMPS  
 15.6 @ 208V = 34.5 AMPS      15.6 @ 120V = 17.25 AMPS



**HAZARDOUS AREAS**

**CLASS 1 DIVISION 1 HAZARDOUS LOCATIONS**  
 REF: CODED AREA 101  
 (SEE MAPS OF ENTIRE FACILITY)

**CLASS 1 DIVISION 2 HAZARDOUS LOCATIONS**  
 REF: CODED AREA 102  
 (SEE MAPS OF ENTIRE FACILITY)

**2015 CA FIRE CODE CHAPTER 2**  
 FLAMMABLE LIQUID: A LIQUID WHICH, AT NORMAL TEMPERATURE AND PRESSURE, IS CAPABLE OF FORMING AN IGNITABLE MIXTURE WITH AIR.  
 FLAMMABLE SOLID: A SOLID WHICH, AT NORMAL TEMPERATURE AND PRESSURE, IS CAPABLE OF FORMING AN IGNITABLE MIXTURE WITH AIR.  
 COMBUSTIBLE LIQUID: A LIQUID WHICH, AT NORMAL TEMPERATURE AND PRESSURE, IS CAPABLE OF FORMING AN IGNITABLE MIXTURE WITH AIR.  
 COMBUSTIBLE SOLID: A SOLID WHICH, AT NORMAL TEMPERATURE AND PRESSURE, IS CAPABLE OF FORMING AN IGNITABLE MIXTURE WITH AIR.

**MDDS**  
 CHARGES TO BE PROTECTED: NONE  
 CHARGES TO BE PROTECTED: NONE  
 DIESEL FUEL STORAGE: 1.0%  
 DIESEL FUEL STORAGE: 1.0%

**PRODUCT BEING STORED IN THIS TANK IS DIESEL FUEL. NO DEFINED HAZARDOUS AREA IS APPLICABLE.**

**RIVERSIDE COUNTY FIRE STATION 41**  
 99054 SEA VIEW DRIVE  
 MECCA, CA 92554

**ELECTRICAL PLAN AND DETAILS**

**ORANGE COAST**  
 ELECTRICAL EQUIPMENT, INC.  
 1000 S. GARDNER AVE. SUITE 100  
 ANAHEIM, CA 92805  
 (714) 933-1111



**E-2**

ECONO FENCE, INC. PH. 951-685-5000  
5261 PEDLEY ROAD FAX 951-360-8685  
RIVERSIDE, CA. 92509

# CHANGE ORDER REQUEST

<b>TO:</b>	Number 3 r1	Date 1/15/24
Name <u>Tilden - Coil Const.</u>	<b>JOB SITE INFORMATION:</b>	
Address _____	Job Name <u>Fire Station 41</u>	
City _____	Job Location <u>Mecca</u>	
State _____ Zip _____	ATTENTION: <u>Sergio</u>	

We hereby agree to the change(s) specified below:

Install ( 1ea ) Doorking gooseneck post, ( 2ea ) keypads  
and ( 1ea ) concrete mounting pad

Subcontractor = \$4,950 + 15% = \$5,692.50

core-drilling = \$1,000

Knox box = \$1,265

**Total \$7,957**

Judd Leslie  
Contractor Signature; Judd Leslie- Project Manager

1/15/24  
Date

Please make the change(s)  
specified above at this price \_\_\_\_\_

Previous contract amount \_\_\_\_\_

Revised contract amount \_\_\_\_\_

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

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



**AUTOMATED GATE SERVICES, INC.**

**ISSUED TO**

Econo Fence, Inc.  
Judd Leslie  
5261 Pedley Road  
Riverside, CA, 92509

**REFERENCE**

**ESTIMATE DESCRIPTION**

- Rear Fire Station Gate
- 1-Form and pour concrete mounting pad for gooseneck
- \*Conduit run is on right side of driveway roughly 5' from gate
- 1-Install Doorking 1200-049 dual height gooseneck post from hose room
- 1-Install (2) Security Brands 26-500 standalone, programmable keypads from hose room
- 1-Install Knox 3502 fire department emergency access keyswitch from hose room
- 1-Pull new wire from gooseneck to gate operator in existing conduit
- 1-Program and test equipment for proper operation

Note: Proposal includes prevailing wages

**Exclusions:**

- Control wire and conduits
- PLA/Bonds

# PROJECT QUOTE

Quote Nbr. 012997  
 Quote Date 1/8/2024  
 Valid Until 2/7/2024  
 Sales Person Andrew Plebani

**PROJECT ADDRESS**

Riverside County Fire Station 41  
99054 Sea View Dr  
Mecca, CA, 92254

Signature:

<b>Quote Total (USD)</b>	4,950.00
<b>Less Discount (USD)</b>	0.00
<b>Tax Total (USD)</b>	0.00
<b>Total (USD)</b>	4,950.00



**DeVries Construction**

3440 W Warner Avenue  
 Suite L  
 Santa Ana CA 92704  
 949-364-3816

License: 786273

**Change Order**

Order#: 269-15

Order Date: 09/20/2023

**To:** Tilden-Coil Constructors  
 3612 Mission Inn Avenue  
 Riverside CA 92501

**Project:** 10269  
 Riverside County Fire Station 41  
 3612 Mission Inn Avenue  
 3612 Mission Inn Avenue  
 Riverside CA 92501

The contractor agrees to perform and the owner agrees to pay for the following changes to this contract.

Plans Attached

**Ordered By:** 1453 Steven Kirkham

**Customer Order:**

Specifications Attached

Description of Work	COST	OVERHEAD %	PROFIT %	Amount
Working Foreman 8 Hrs	786.80	15.00		904.82
Carpenter 32 Hrs	2,838.40	15.00		3,264.16
Laborer 8 Hrs	645.20	15.00		741.98
Form Material 7 Sheets Plywood & 2"x10"s	697.48	15.00		802.10
Bond	57.13			57.13

**Notes**

Reinstall the curb & gutter at the southwest entry due to main water line relocation & Regrading due to rain damage.

Negative changes will lower the overall contract price requiring no additional payment by owner.

**Requested Amount of Change**

**5,770.19**

The original Contract Sum was .....	699,603.00
Net change by previous Change Orders .....	12,050.00
The Contract Sum prior to this Change Order .....	711,653.00
The Contract Sum will be changed by this Change Order .....	5,770.19
The new Contract Sum including this Change Order will be .....	717,423.19
The Contract Time will be changed by .....	0 Days

Owner: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_ Date: \_\_\_\_\_



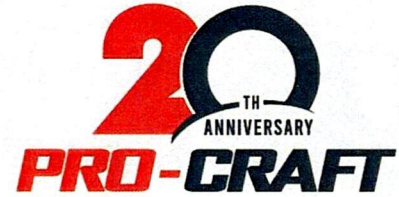
# Proposed Change Order

22023. - Riverside County Fire Stations 41 North Shore

DATE: 2/15/2024

PCO#: 0005r1

www.procraftci.com



**To:** Drew Collins  
Tilden-Coil Constructors Inc.  
3612 Mission Inn Avenue  
Riverside, CA. 92501  
**Phone:** 951-684-5901  
**Email:** dcollins@tilden-coil.com

**From:** Joey Gladish  
Pro-Craft Construction, Inc.  
500 Iowa Street  
Redlands, CA 92373  
**Phone:** 909-790-5222  
**Email:** jgladish@procraftci.com

## Description of Change: CVWD inspection costs

### CVWD inspection costs

**Exclusions: Contract exclusions apply**

**Proposed Change Order Amount**

**\$2,731.09**

**Standard Terms and Conditions of the Subcontract apply, including all exclusions.** Additional Time required, does not include contract extension.

This change proposal is based on the usual cost elements such as labor, materials, and markup and does not include any amount for impacts such as interference, disruptions, rescheduling, and change in the sequence of work, delays and /or associate acceleration. We expressly reserve the right to submit our request for any of these items should we be faced with performing work under any of these conditions.

This cost proposal supersedes all previously submitted cost proposals relating to this same work. The work of other trades, which may be required to complete this change order, is not a part of this change proposal.

This cost proposal is valid until **03/29/2024** and void thereafter. All work affected by either the acceptance or rejection of the enclosed change order quotation is on hold pending notification.



## CHANGE ORDER REQUEST

TO: Tilden-Coil Construction  
 ATTN: Drew Collins  
 DATE: 2/7/2023  
 CO# 5

RELATED DOC: Contract exclusions

LABOR	Hours	Rate	Total
General Foreman			\$0.00
Foreman			\$0.00
Plumber			\$0.00
Operator			\$0.00
Laborer			\$0.00
Other			\$0.00
Overtime			\$0.00
Procurement & Delivery			\$0.00
Asbuilts			\$0.00
Clean Up			\$0.00
Equipment Delivery			\$0.00
<b>LABOR SUBTOTALS</b>			<b>\$0.00</b>

MATERIAL	Description	QTY	Unit Price	Total
	Material (See Detail)	1.00	\$ 2,316.94	\$2,316.94
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
	<b>Sub Total</b>			<b>\$2,316.94</b>
	<b>Sales Tax</b>		0.00%	<b>\$0.00</b>
	<b>MATERIAL SUBTOTALS</b>			<b>\$2,316.94</b>

EQUIPMENT	Unit	Rate	Total
General Foreman Truck	-	\$37.19	\$0.00
Foreman Truck- Plumbing	-	\$37.19	\$0.00
Foreman Truck- Site Utility		\$39.41	\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
	<b>EQUIPMENT SUBTOTAL</b>		<b>\$0.00</b>

SUBCONTRACTOR	Total
	\$0.00
	\$0.00
	\$0.00
	<b>SUBCONTRACTOR SUBTOTAL</b>
	\$0.00

COMMENTS	OH&P	Summary	Total
		LABOR SUBTOTAL	\$0.00
		MATERIAL SUBTOTAL	\$2,316.94
		EQUIPMENT SUBTOTAL	\$0.00
		SUBCONTRACTOR SUBTOTAL	\$0.00
		<b>COST SUBTOTAL</b>	<b>\$2,316.94</b>
	15%	LABOR OH&P	\$0.00
	15%	MATERIAL OH&P	\$347.54
	15%	EQUIP OH&P	\$0.00
	15%	SUB OH&P	\$0.00
		<b>COST W/MARKUP SUBTOTAL</b>	<b>\$2,664.48</b>
	2.5%	<b>Bonds &amp; Ins.</b>	<b>\$66.61</b>
Additional Days to Contract	0	\$ 412.73	<b>Daily OH Rate</b>
Contract Extension:	NO		<b>QUOTED PRICE</b>
			<b>\$2,731.09</b>

Detail

**Company:** Pro-Craft Construction, Inc.  
**JobName:** 22023 CO 05  
**Run Date:** 2/15/2024 11:06  
**Sort Key:** By Area/System

Subtotals



<b>Area/System</b>	<b>Qty</b>	<b>Size</b>	<b>Description</b>		<b>Net Total</b>
site/sewer	1	<None>	INSPECTIONFEES Inspection fees for sewer	\$	2,316.94
				\$	<b>2,316.94</b>



COACHELLA VALLEY WATER DISTRICT  
PRECONSTRUCTION CONFERENCE

12/28/22

Date

PROJECT EP071034-2 Pro-Craft to Install 6-Inch Sewer Lateral at 90054 SeaView Drive, Mecca

FILE NO(S) 790, 652.32

W.O. NO(S) WF1114718

DRWG. NO(S) \_\_\_\_\_

INSP. NO(S) 891

NAME	ORGANIZATION	PHONE NO.	EMAIL ADDRESS
1. <u>Rob Maycock</u>	<u>Procraft</u>	<u>909-353-8811</u>	<u>Rmaycock@procraftsi.com</u>
2. <u>ROBERT SCHMIDT</u>	<u>PRO CRAFT</u>	<u>909 283 8061</u>	<u>R.SCHMIDT@PRO CRAFT</u>
3. <u>BRUCE Mendenhall</u>	<u>Tilden - Coll</u>	<u>951-675-6306</u>	<u>bmendenhall@tilden-coll.com</u>
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

DOCUMENTATION RECEIVED

FORM 211 YES  NO MATERIAL SUBMITTALS  YES  NO

INSPECTION FEE DEPOSIT WATER \$3950 SANITATION OTHER

CONSTRUCTION BY DISTRICT FORCES  YES  NO APPLICATIONS COMPLETED  YES  NO

O and M Permit: Required  YES  NO Provided  YES  NO

CONFERENCE NOTES: Contractor shall call for inspection by 2 pm the previous day.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTE: Developer is to provide operation and maintenance permit from City or County to CVWD at preconstruction conference if project is in public streets.

CONDUCTED BY: Gilbert Rodriguez  
NAME  
Lead Inspector  
TITLE

**COACHELLA VALLEY WATER DISTRICT**  
**INSPECTION DEPARTMENT**  
**PROJECT PROGRESS & FINAL PROCEDURE**

**NOTICE**

This notice is to inform you of the Coachella Valley Water District's Inspection Department procedures to officially document your project is finalized.

---

- Developer/Contractor must schedule through the Inspection Department as required and specifically request a PROGRESS FOR SERVICE AND A FINAL ACCEPTANCE, respectively.
- Developer/Contractor must provide the completed infrastructure Cost Sheet and Engineer of Record i.e. Design Engineer signed as-built **prior to CVWD granting a progress for service.**
- The call must include the following:  
Project Name  
Inspection Number  
Activity: Request for Progress of Service or Final respectively  
Contact name and phone number

Please note – A request in writing will not constitute scheduling for a final, but may be submitted for the record.

We appreciate your compliance with this notice.

If you have any questions regarding this notice, or the procedure, please Gilbert Rodriguez, Lead Inspector, at 760-398-2661, extension 3707.

---

**ACKNOWLEDGEMENT**

I AGREE TO THE ABOVE-STATED CONDITIONS.

Inspection No.: 891 Project Title: EP071034-2 Pro-Craft to Install 6-Inch Sewer Lateral at 90054 SeaView Drive, Mecca  
Developer: *Ben Marshall* Date: 12-28-22  
Contractor: *Pro-Craft Const Inc* Date: 12-28-22

**COACHELLA VALLEY WATER DISTRICT**

**INSPECTION SCHEDULING PROCEDURE  
FOR SUBDIVISION PROJECTS**

DEVELOPER AND/OR CONTRACTOR SHALL USE THE INSPECTION NUMBER ISSUED ON THIS FORM FOR SCHEDULING INSPECTION OF EACH UTILITY ON THEIR PROJECT.

INSPECTION NUMBER ISSUED FOR EP071034-2 Pro-Craft to Install 6-Inch Sewer Lateral at 90054 SeaView Drive, Mecca  
(Project Name and/or Tract Number)

DOMESTIC WATER	_____
SANITATION	<u>891</u>
IRRIGATION	_____
DRAINAGE	_____
STORMWATER	_____
OTHER	_____

INSPECTION SCHEDULING SHALL BE CALLED NO LATER THAN 2:00 P.M. THE DAY PRIOR TO CONSTRUCTION ACTIVITY AT (760) 398-2661, EXT 3543.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT STEPHANIE LOPEZ, SCHEDULER AT (760) 398-2651, EXT. 2328.

**ACKNOWLEDGEMENT**

I AGREE TO THE ABOVE-STATED CONDITIONS AND TO BE RESPONSIBLE FOR PAYMENT OF ALL INSPECTION FEES.

Developer: *B. M. Smith* Date: 12-28-22

Contractor: *M. J. Procraft Const Inc* Date: 12-28-22

# Proposed Change Order

22023. - Riverside County Fire Stations 41 North Shore

DATE: 2/07/2023

PCO#: 0004

www.procraftci.com



**To:** Drew Collins  
Tilden-Coil Constructors Inc.  
3612 Mission Inn Avenue  
Riverside, CA. 92501  
**Phone:** 951-684-5901  
**Email:** dcollins@tilden-coil.com

**From:** Joey Gladish  
Pro-Craft Construction, Inc.  
500 Iowa Street  
Redlands, CA 92373  
**Phone:** 909-790-5222  
**Email:** jgladish@procraftci.com

## Description of Change: Encroachment Permit Fees

### Encroachment Permit Fees

**Exclusions: Contract exclusions apply**

**Proposed Change Order Amount**

**\$407.85**

**Standard Terms and Conditions of the Subcontract apply, including all exclusions.** Additional Time required, does not include contract extension.

This change proposal is based on the usual cost elements such as labor, materials, and markup and does not include any amount for impacts such as interference, disruptions, rescheduling, and change in the sequence of work, delays and /or associate acceleration. We expressly reserve the right to submit our request for any of these items should we be faced with performing work under any of these conditions.

This cost proposal supersedes all previously submitted cost proposals relating to this same work. The work of other trades, which may be required to complete this change order, is not a part of this change proposal.

This cost proposal is valid until **02/24/2023** and void thereafter. All work affected by either the acceptance or rejection of the enclosed change order quotation is on hold pending notification.



## CHANGE ORDER REQUEST

TO: Tilden-Coil Construction  
 ATTN: Drew Collins  
 DATE: 2//2023  
 CO# 4

RELATED DOC: Contract exclusions

LABOR	Hours	Rate	Total
General Foreman			\$0.00
Foreman			\$0.00
Plumber			\$0.00
Operator			\$0.00
Laborer			\$0.00
Other			\$0.00
Overtime			\$0.00
Procurement & Delivery			\$0.00
Asbuilts			\$0.00
Clean Up			\$0.00
Equipment Delivery			\$0.00
<b>LABOR SUBTOTALS</b>			\$0.00

MATERIAL	Description	QTY	Unit Price	Total
	Material (See Detail)	1.00	\$ 346.00	\$346.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
	<b>Sub Total</b>			\$346.00
	<b>Sales Tax</b>		0.00%	\$0.00
	<b>MATERIAL SUBTOTALS</b>			\$346.00

EQUIPMENT	Unit	Rate	Total
General Foreman Truck	-	\$37.19	\$0.00
Foreman Truck- Plumbing	-	\$37.19	\$0.00
Foreman Truck- Site Utility		\$39.41	\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
	<b>EQUIPMENT SUBTOTAL</b>		\$0.00

SUBCONTRACTOR	Total
	\$0.00
	\$0.00
	\$0.00
	<b>SUBCONTRACTOR SUBTOTAL</b>
	\$0.00

COMMENTS	OH&P	Summary	Total
		LABOR SUBTOTAL	\$0.00
		MATERIAL SUBTOTAL	\$346.00
		EQUIPMENT SUBTOTAL	\$0.00
		SUBCONTRACTOR SUBTOTAL	\$0.00
		<b>COST SUBTOTAL</b>	\$346.00
	15%	LABOR OH&P	\$0.00
	15%	MATERIAL OH&P	\$51.90
	15%	EQUIP OH&P	\$0.00
	15%	SUB OH&P	\$0.00
		<b>COST W/MARKUP SUBTOTAL</b>	\$397.90
	2.5%	<b>Bonds &amp; Ins.</b>	\$9.95
	Additional Days to Contract	0	\$ 412.73 <b>Daily OH Rate</b>
	Contract Extension:	NO	<b>QUOTED PRICE</b>
			\$407.85

Detail

**Company:** Pro-Craft Construction, Inc.  
**JobName:** 22023 CO 04  
**Run Date:** 2/7/2023 8:56  
**Sort Key:** By Area/System

Subtotals



Area/System	Qty	Size	Description		Net Total
site/sewer	1	<None>	ENCROACHMENTFEES Encroachment permit fees	\$	346.00
				\$	<b>346.00</b>

COACHELLA VALLEY WATER DISTRICT  
POST OFFICE BOX 1058  
COACHELLA, CALIFORNIA 92236

**ENCROACHMENT PERMIT**

  X   CONSTRUCTION

Underground Service Alert Inquiry Identification Number           A223390464            
(Permit invalid without this number.)

File: 0652.31

TO (PERMITTEE): Pro-Craft Construction, Inc.  
ADDRESS: 500 Iowa Street, Redlands, CA 92373  
CONTACT: Joey Gladish  
TELEPHONE: (909) 790-5222  
EMAIL: [jgladish@procraftci.com](mailto:jgladish@procraftci.com)

and subject to the following, PERMISSION IS HEREBY GRANTED to PRO-CRAFT CONSTRUCTION, INC., to install a six-inch (6") Street Sewer Lateral (Permittee Facilities) as depicted on CVWD Drawing No. 3551. The project is for a new commercial Fire Station #41, located at 90054 SeaView Drive, Mecca within Assessor Parcel Nos. 723-222-002 and 723-222-001.

This project is located in the northwest quarter of section 34, township 7 south, range 10 east, San Bernardino Meridian.

The following attachments are also included as part of this Permit (check applicable):

Special Provisions:   X   Yes, all marked provisions apply to the Permit.

General Provisions:   X   Yes

Work/Activity to be completed before May 1, 2023 (Which date shall not be later than the expiration of insurance coverage pursuant to the Insurance Requirements)

This Permit is to be strictly construed and no Work/Activity other than that described above is authorized.

Fees Paid:

Processing \$346      Credit Card Payment No. 2776403246      Dated 12/13/22

=====

APPROVAL:

Effective Date: \_\_\_\_\_

\_\_\_\_\_ General Manager

=====

Permit No. 071034-2-CON

APN: 723-222-002 and 723-222-001

File: 0652.31

**ACCEPTANCE OF  
ENCROACHMENT PERMIT**

The undersigned agrees to be bound by and to perform all of the terms, covenants, conditions and obligations of the Permittee set forth in Encroachment Permit No. 071034-2-CON ("Permit") including, but not limited to, the applicable general provisions and special provisions identified on the face sheet of the Permit.

PERMITTEE:

PRO-CRAFT CONSTRUCTION, INC.

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Print Name and Title)

DocuSigned by:  
**DOMINICK LOMBARDI**  
\_\_\_\_\_  
29267C084C3E402... (Date)

ENG EP-005c  
(Rev. 9/1/21)



# Proposed Change Order

**22023. - Riverside County Fire Stations 41 North Shore**

**DATE: 2/07/2023**

**PCO#: 0003**

[www.procraftci.com](http://www.procraftci.com)



**To:** Drew Collins  
Tilden-Coil Constructors Inc.  
3612 Mission Inn Avenue  
Riverside, CA. 92501

**Phone:** 951-684-5901

**Email:** [dcollins@tilden-coil.com](mailto:dcollins@tilden-coil.com)

**From:** Joey Gladish  
Pro-Craft Construction, Inc.  
500 Iowa Street  
Redlands, CA 92373

**Phone:** 909-790-5222

**Email:** [jgladish@procraftci.com](mailto:jgladish@procraftci.com)

## Description of Change: Fees associated with Fire plan submission

### Fees associated with Fire Plan submission

**Exclusions: Contract exclusions apply**

**Proposed Change Order Amount**

**\$819.23**

**Standard Terms and Conditions of the Subcontract apply, including all exclusions.** Additional Time required, does not include contract extension.

This change proposal is based on the usual cost elements such as labor, materials, and markup and does not include any amount for impacts such as interference, disruptions, rescheduling, and change in the sequence of work, delays and /or associate acceleration. We expressly reserve the right to submit our request for any of these items should we be faced with performing work under any of these conditions.

This cost proposal supersedes all previously submitted cost proposals relating to this same work. The work of other trades, which may be required to complete this change order, is not a part of this change proposal.

This cost proposal is valid until **02/24/2023** and void thereafter. All work affected by either the acceptance or rejection of the enclosed change order quotation is on hold pending notification.



## CHANGE ORDER REQUEST

TO: Tilden-Coil construction  
 ATTN: Drew Collins  
 DATE: 2/7/2023  
 CO# 3

RELATED DOC: Contract exclusions

LABOR	Hours	Rate	Total
General Foreman			\$0.00
Foreman			\$0.00
Plumber			\$0.00
Operator			\$0.00
Laborer			\$0.00
Other			\$0.00
Overtime			\$0.00
Procurement & Delivery			\$0.00
Asbuilts			\$0.00
Clean Up			\$0.00
Equipment Delivery			\$0.00
<b>LABOR SUBTOTALS</b>			<b>\$0.00</b>

MATERIAL	Description	QTY	Unit Price	Total
	Material (See Detail)	1.00	\$ 695.00	\$695.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
	<b>Sub Total</b>			<b>\$695.00</b>
	<b>Sales Tax</b>		0.00%	<b>\$0.00</b>
	<b>MATERIAL SUBTOTALS</b>			<b>\$695.00</b>

EQUIPMENT	Unit	Rate	Total
General Foreman Truck	-	\$37.19	\$0.00
Foreman Truck- Plumbing	-	\$37.19	\$0.00
Foreman Truck- Site Utility		\$39.41	\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
<b>EQUIPMENT SUBTOTAL</b>			<b>\$0.00</b>

SUBCONTRACTOR	Total
	\$0.00
	\$0.00
	\$0.00
<b>SUBCONTRACTOR SUBTOTAL</b>	<b>\$0.00</b>

COMMENTS	OH&P	Summary	Total
		LABOR SUBTOTAL	\$0.00
		MATERIAL SUBTOTAL	\$695.00
		EQUIPMENT SUBTOTAL	\$0.00
		SUBCONTRACTOR SUBTOTAL	\$0.00
		<b>COST SUBTOTAL</b>	<b>\$695.00</b>
	15%	LABOR OH&P	\$0.00
	15%	MATERIAL OH&P	\$104.25
	15%	EQUIP OH&P	\$0.00
	15%	SUB OH&P	\$0.00
		<b>COST W/MARKUP SUBTOTAL</b>	<b>\$799.25</b>
	2.5%	<b>Bonds &amp; Ins.</b>	<b>\$19.98</b>
Additional Days to Contract	0	\$ 412.73	<b>Daily OH Rate</b>
Contract Extension:	NO		<b>QUOTED PRICE</b>
			<b>\$819.23</b>

Detail

**Company:** Pro-Craft Construction, Inc.

**JobName:** 22023 CO 03

**Run Date:** 2/7/2023 8:41

**Sort Key:** By Area/System

Subtotals



<b>Area/System</b>	<b>Qty</b>	<b>Size</b>	<b>Description</b>		<b>Net Total</b>
site/FW	1	<None>	FIREFEES Fire plan submission fees	\$	695.00
				\$	<b>695.00</b>



3612 Mission Inn Avenue  
Riverside, California 92501  
951.684.5901 / 951.684.0725 - fax

## Request for Change Order Authorization

Riverside County Fire Stations 41  
99064 Seaview Dr  
Mecca, CA 92254

**Project #** 21-029

**Change Order Request:** COR030

**Date:** 2024-03-25

**To:** Dominick Lombardi  
County of Riverside  
3133 Mission Inn Ave  
Riverside, CA 92507

**From:** Tilden-Coil Constructors, Inc.  
3612 Mission Inn Ave.  
Riverside, CA 92501

Description		Status	
Credit for Remainder of Contingency		4. Approved	
Reference	Required By	Days Req	Amt Req
			\$-9,329.00
Notes			
Change Type			Reason

Item No.	Item Description	Amount	Contract Number
1	Contingency	\$-9,329.00	

**Submitted by:**

Signature  
Name

DocuSigned by:  
*Andrew Collins*  
Andrew Collins, Tilden-Coil Constructors, Inc.

3/26/2024 | 12:52 PM PDT

Date

**Approved By:**

Signature  
Name

DocuSigned by:  
**DOMINICK LOMBARDI**  
Dominick Lombardi, County of Riverside

3/26/2024 | 12:56 PM PDT

Date