

SOLANO COMMUNITY COLLEGE DISTRICT  
GOVERNING BOARD AGENDA ITEM

TO: Members of the Governing Board

SUBJECT: CHANGE ORDER NO. 001 TO SCHREDER & BRANDT  
MFG., INC. FOR THE FAIRFIELD CAMPUS QUAD  
WATER CONSERVATION PROJECT

REQUESTED ACTION:

☐ Information OR ☒ Approval  
☐ Consent OR ☒ Non-Consent

SUMMARY:

Board Approval is requested for Change Order No. 001 to Schreder & Brandt Mfg., Inc., for the Quad Water Conservation Project. On March 6, 2024 the Board approved an agreement with Schreder & Brandt Mfg., Inc. for the Fairfield Campus Quad Water Conservation Project.

CONTINUED ON THE NEXT PAGE

STUDENT SUCCESS IMPACT:

- ☐ Help our students achieve their educational, professional and personal goals  
☐ Basic skills education  
☐ Workforce development and training  
☐ Transfer-level education  
☒ Other: Provide infrastructure that supports classrooms or related College facilities

Ed. Code: Board Policy: Estimated Fiscal Impact: \$80,157.13 Measure Q Funds

SUPERINTENDENT'S RECOMMENDATION: ☒ APPROVAL ☐ DISAPPROVAL  
☐ NOT REQUIRED ☐ TABLE

Lucky Lofton  
V.P., Facilities and Executive Bonds Manager

PRESENTER'S NAME

4000 Suisun Valley Road  
Fairfield, CA 94534

ADDRESS

(707) 863-7855

TELEPHONE NUMBER

Lucky Lofton  
V.P., Facilities and Executive Bonds Manager

VICE PRESIDENT APPROVAL

September 20, 2024

DATE SUBMITTED TO  
SUPERINTENDENT-PRESIDENT

Kellie Sims Butler, Ph.D.  
Superintendent-President

October 2, 2024

DATE APPROVED BY  
SUPERINTENDENT-PRESIDENT

**SOLANO COMMUNITY COLLEGE DISTRICT  
GOVERNING BOARD AGENDA ITEM**

**TO: Members of the Governing Board**

**SUBJECT: CHANGE ORDER NO. 001 TO SCHREDER & BRANDT  
MFG., INC. FOR THE FAIRFIELD CAMPUS QUAD  
WATER CONSERVATION PROJECT**

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**SUMMARY:**

*CONTINUED FROM THE PREVIOUS PAGE*

During the process of construction and RFI/Submittal review, the following changes needed to be made:

- PCO 15: Installation of ten (10) stainless steel bollards at the new concrete walkways. Bollards will be installed at each entrance to the quad to stop vehicles from entering.
- PCO 16: Cost for additional soil offhaul at the quad. Actual conditions were not as what was shown on the topographic/ civil drawings.
- PCO 17: An additional drain inlet was required per Request for Information (RFI) response.
- PCO 18: Installation of new SOD at existing fire lane near Building 2700. Grass needed to be replaced due to irrigation being shut off during construction.

Schreder & Brandt Mfg., Inc.'s Change Order No. 001 request includes all the costs of both time and materials for the above listed items and extends the contract time by ninety-eight (98) days.

Following is a summary of the contract and impact of Change Order No. 001 if approved:

Original Contract Sum	\$ 2,243,350.00
Prior Change Orders	\$ 0.00
<i>Proposed Change Order</i>	<u>\$ 80,157.13</u>
<i>Proposed New Contract Amount</i>	\$ 2,323,507.13

The Board is asked to approve Change Order No. 001 to Schreder & Brandt Mfg., Inc., in the amount of \$80,157.13.

This document is available online at: <https://welcome.solano.edu/measureq/approved-contracts/>



# Change Order

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**Solano Community College District**

4000 Suisun Valley Road  
Fairfield, CA 94534  
Tel: 707-864-7189 Fax: 707-646-7710

**Kitchell CEM**

4000 Suisun Valley Road, Building 1102  
Fairfield, CA 94534

**Change Order #**            **001**  
**Project No.:**                **25-000**  
**Date:**                        Wednesday, October 2, 2024

**DSA File No.:**            48-C1  
**DSA App. No.:**         02-121777

**Project:**    **Solano Community College District**  
Fairfield Campus  
**Quad Water Conservation Project**

**Noll & Tam Architects**  
729 Heinz Avenue #7  
Berkeley, CA 94710

**To:**            **Schreder & Brandt Mfg. Inc.**  
180 E. 4th Street, Suite 100  
Chico, CA 95927

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**The Contract is Changed as Follows:**

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**COR No.**

- |    |  |             |
|----|--|-------------|
| 15 | Bollard Installation:<br>Installation of ten (10) Encore Stainless Steel Removal Bollards at the quad concrete walkways. This is additional scope.   | \$23,023.00 |
|    |  |             |
| 16 | Additional Offhaul of Soil:<br>Discrepancy between drawing C2.0 and actual conditions resulted in additional soil offhaul than what was listed in the project documents. This was additional scope.  | \$22,525.00 |
|    |  |             |
| 17 | Installation of New Drain Inlet:<br>An additional drain inlet was required per RFI #4 response. This was additional scope.   | \$9,858.00  |
|    |  |             |
| 18 | Installation of new SOD at Fire Lane Near 2700:<br>Includes the removal of existing grass and the installation of new SOD at the existing grass Fire Lane near Building 2700. Also includes repair of all irrigation in that area. This is additional scope. | \$24,751.13 |

**TOTAL COST OF CHANGE ORDER**

**ADD** \$80,157.13  
**DEDUCT**

**FINAL CHANGE ORDER AMOUNT**

**\$80,157.13**

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Original Contract Sum:	\$	2,243,350.00
Total change By Previous Change Orders:	\$	-
Contract Sum Prior to This Change Order:	\$	2,243,350.00
Original Contract Sum will be Increased by This Change Order:		\$80,157.13
<b>The New Contract Sum Including This Change Order Will Be:</b>	<b>\$</b>	<b>2,323,507.13</b>
<b>The New Contract Completion Date Will Be:</b>		<b>4-Oct-24</b>
Contract Time Will be Changed by This Change Order:		98 Days
The Current Contract Completion Date is:		28-Jun-24

*(signatures on the following page)*

The undersigned Contractor approved the foregoing as to the changes, if any, to the Contract Price specified for each item, and as to the extension of time allowed, if any, for completion of the entire work as stated therein, and agrees to furnish all labor, materials and services and perform all work necessary to complete any additional work specified for the consideration stated therein. Submission of sums which have no basis in fact or which Contractor knows are false are at the sole risk of Contractor and may be a violation of the False Claims Act set forth under Government Code section 12650 et seq.

This change order is subject to approval by the governing board of this District and must be signed by the District. Until such time as this change order is approved by the District's governing board and executed by a duly authorized District representative, this change order is not effective and not binding.

It is expressly understood that the compensation and time, if any, granted herein represent a full accord and satisfaction for any and all time and cost impacts of the items herein, and Contractor waives any and all further compensation or time extension based on the items herein. The value of the extra work or changes expressly includes any and all of the Contractor's costs and expenses, and its subcontractors, both direct and indirect, resulting from additional time required on the project or resulting from delay to the project including without limitation, cumulative impacts. Any costs, expenses, damages or time extensions not included are deemed waived.

**PROJECT  
MANAGER**

\_\_\_\_\_  
Noe Ramos  
Kitchell  
4000 Suisun Valley Road  
Fairfield, CA 94534

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

**ARCHITECT**

\_\_\_\_\_  
Alyson Yarus  
Noll & Tam Architects  
729 Heinz Avenue #7  
Berkeley, CA 94710

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

**DSA PROJECT  
INSPECTOR**

\_\_\_\_\_  
Don Dumford  
Optima Inspections Inc.  
622 Paradise Court  
Fairfield, CA 94533

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

**CONTRACTOR**

\_\_\_\_\_  
Seward Schreder  
Schreder & Brandt Mfg. Inc.  
180 E 4th St. #100  
Chico, CA 95928

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

**OWNER**

\_\_\_\_\_  
Lucky Lofton  
V.P., Facilities and Executive Bonds Manager  
Solano Community College District

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



## Proposed Change Order # 15

180 E 4<sup>th</sup> Street, Suite 100  
PO Box 6310  
Chico, CA 95927  
Office: (530) 899-1104  
Fax: (530) 899-2683

August 29, 2024

Project: Quad Water Conservation Project  
Project #: 25-000

Subject: Install (10) Encore Removable Stainless-Steel Bollards – Per CCD #5

Mattingly Electric	\$	21,497.00
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<b>Sub-Total</b>	<b>\$</b>	<b>21,497.00</b>
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Contractor's Overhead & Profit	\$	1,074.85
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<b>Sub-Total</b>	<b>\$</b>	<b>22,571.85</b>
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Contractors Bonding & Insurance	\$	451.15
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<b>Total Amount</b>	<b>\$</b>	<b>23,023.00</b>
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# CRUSADER FENCE COMPANY™



1800 Goodyear Rd.  
Benicia, CA 94510  
Phone: (888) 818-9191  
Fax: (916) 631-8989  
C-13 License: 1056652  
DIR: 1000449929  
Small Business: 2015918

Wednesday, August 28, 2024

Project: Quad Water Conservation Project #25-000 – Bollards

CCD 5

We are pleased to submit our quotation to furnish and install the following:

1. Install (10) Encore 4" X 36" Removable Stainless-Steel Bollard

Total for the above: \$21,497.00

Acknowledgements: Excludes powder coating yellow.

Qualifications:

- This bid document and all its terms and conditions shall be incorporated into any contract or subcontract between Subcontractor and G.C. or Owner in relation to the project on which this bid or proposal is issued. The terms of this bid document shall control and take precedence over any terms in any other writing, contract or subcontract entered between Crusader Fence Co. and G.C. and/or Owner for this project which conflict with or are different than the terms herein. This is a material term and acceptance of this Bid or Proposal expressly includes acceptance of this term.
- **Proposal is based on one move-in, additional move-ins shall be charged at \$3,500 each.**
- Site shall include unencumbered access to fence lines for an all-season truck and installation equipment (i.e. Bobcat) for material delivery and work performance. If hand-digging is required because of poor access, Crusader Fence requires a F.C.O. by G.C. or Owner and will result in additional cost.
- Crusader Fence is not responsible for damage to landscape or objects within 6' of fence line or for any disturbance of existing environmental contaminants.
- Staking of fence line shall be laid out by G.C. or Owner prior to Crusader Fence mobilization. Staking shall include all end, corner, and gate locations complete with finished grade elevations. Clearing, grading, grubbing or staking of the fence line is not included in this proposal.
- Locating of non-USA member utilities is not included in bid. Private sub-surface locating services can be added with additional cost. The G.C., Owner, and their representatives shall indemnify and hold Crusader Fence harmless from any and all liabilities and/or damage resulting from unmarked non-USA member utilities. If any underground utility is within 3 feet of fence footings, hydro-vac and/or any other means to safely avoid utility strikes will require a F.C.O. by G.C. or Owner. Hand-digging to avoid underground utility strikes is excluded. Hydro-vac rate is cost plus 15%.
- Non-drillable post holes will require a signed F.C.O. by G.C. or Owner and will result in additional costs. All post holes will be drilled with a 9,000 lbs. (max. size) drilling machine using a 10 min. drill time (max. time) to determine if holes are non-drillable independent of soils report.
- All posts set in concrete slabs, walls, etc. are to be set prior to setting concrete; or they must be blocked out or sleeved by G.C. or Owner. Rebar cages are excluded.
- Any construction schedule shall be made in consultation with Crusader Fence and shall provide adequate time to perform all work during normal working hours based on an eight-hour day. Crusader Fence is not responsible for liquidated damages if insufficient time has been allocated by G.C. or Owner.
- Core drilling, saw cutting, concrete/asphalt patching, spoils haul-off, permits or fees, engineering calculations are not included in this proposal.
- Crusader Fence will provide construction cores only for all keyed lock and hardware sets. Fire Department devices (i.e. Knox) are not included.
- This bid proposal allows for a maximum of a 5% retention. This retention is due and payable 60 days after acceptance of Crusader Fence's completed work.
- Material pricing in this quotation assumes Owner/GC provided lay-down yard. If no lay-down yard is available, the cost for Crusader Fence to handle, deliver and store the project material is 2% of material cost/month.
- Bond rate - .65% on first \$500K, .52% next \$2M, .45% next \$2.5M (No bond expense included in bid) Insurance - \$2M G/L, \$1M Worker's Compensation.
- Crusader Fence Co. requires a letter of intent within 5 days to honor bid submission. Price pending site visit with GC/Owner to see site conditions and access.

Work Authorization: By signing below, you authorize Crusader Fence Company to proceed with quoted work with the above associated qualifications.

Printed Name: CAROLYN ATKINSON Title: GENERAL MANAGER

Signature: [Signature] Date: 8-29-2024

Billing Contact Name: LISA TAYLOR Billing Ph. #: 530-899-1104

Billing Email: LISA@SCHREDERANDBRANDT.COM

Very respectfully,

Austin Del Chiaro  
Project Manager  
(916) 747-8857





# CRUSADER FENCE COMPANY.

CRUSADER FENCE COMPANY LLC.  
3115 GOLD VALLEY DRIVE  
RANCHO CORDOVA, CA 95672

Date: Friday, May 10, 2024 CF Job #:

Owner/General Contractor: SCHREDER & BRANDT Owner/GC Contract #:

Description of Work: INSTALL 12-REMOVABLE BOLLARDS Job Name: SOLANO COLLEGE-FAIRFIELD, CA  
HOLES AND CONCRETE (by others)

	EQUIPMENT (Cal trans rates)	HOURS	Cal Trans HOURLY RATE	EXTENDED AMOUNTS		LABOR	HOURS	HOURLY RATE		EXTENDED AMOUNTS
1	Bobcat c/w auger	0.0	\$ 39.72	\$ -		Foreman	O. T. 0.0	\$ 129.96	\$ -	
2	Crew truck	16.0	\$ 49.97	\$ 799.52			REG. 16.0	\$ 86.64	\$ 1,386.24	
3	Dump truck or trailer	0.0	\$ 57.72	\$ -		Laborer	O. T. 0.0	\$ 124.98	\$ -	
4	Superintendent Truck	0.0	\$ 38.17	\$ -			REG. 16.0	\$ 83.32	\$ 1,333.12	
5	core drill	0.0	\$ 40.00	\$ -		Foreman	O. T. 0.0	\$ 129.96	\$ -	
6	Demo Hammer	0.0	\$ 18.00	\$ -			REG. 16.0	\$ 86.64	\$ 1,386.24	
7	Welder	0.0	\$ 20.78	\$ -		Laborer	O. T. 0.0	\$ 124.98	\$ -	
8	Concrete saw	0.0	\$ 28.50	\$ -			REG. 0.0	\$ 83.32	\$ -	
9	Material trailer	0.0	\$ 25.50	\$ -		Foreman	O. T. 0.0	\$ 129.96	\$ -	
10	Back Hoe/ Mini ex	0.0	\$ 49.72	\$ -			REG. 0.0	\$ 86.64	\$ -	
11	Fork lift	0.0	\$ 27.14	\$ -		Laborer	O. T. 0.0	\$ 124.98	\$ -	
12	Man lift	0.0	\$ 68.12	\$ -			REG. 0.0	\$ 83.32	\$ -	
13	Elctrical hand tools	0.0	\$ 0.55	\$ -		Superintendent	O. T. 0.0	\$ 127.50	\$ -	
14	Gradhall	0.0	\$ 90.72	\$ -			REG. 0.0	\$ 85.00	\$ -	
TOTAL COST OF EQUIPMENT				\$ 799.52		Office support	REG. 0.0	\$ 75.00	\$ -	
						SHOP	REG. 16.0	\$ 75.00	\$ 1,200.00	
MATERIAL						Subsistance	Guys: 0 Nights: 0	\$ -	\$ -	
DESCRIPTION		NO. UNIT	UNIT COST		Subsistance per night is paid at: \$150					
MATERIALS		1	\$ 4,032.96	\$ 4,032.96	TOTAL COST OF LABOR				\$ 5,305.60	
				\$ -	SUBCONTRACTORS					
		0	\$ -	\$ -					\$ -	
		0	\$ -	\$ -					\$ -	
		0	\$ -	\$ -	TOTAL COST OF LABOR				\$ 5,305.60	
		0	\$ -	\$ -					\$ -	
TOTAL COST OF MATERIALS				\$ 4,032.96	TOTAL COST OF MATERIAL AND EQUIPMENT				\$ 4,832.48	
					22 % Mark-Up on Labor				\$ (903.23)	
					15 % Mark-up on Equipment and Material				\$ 724.87	
					5 % Mark-Up on Subcontractors					
					2 % Mark-Up for Bonds and insurance					
					8.75 % Tax on Material and Equipment				\$ 422.84	
CRUSADER FENCE REPRESENTATIVE										
					TOTAL THIS REPORT				\$ 10,382.56	



Last Pricing Update  
03/12/2024



**CRUSADER**  
FENCE COMPANY.

Crusader Fence Co., LLC      3115 GOLD VALLEY DRIVE  
Rancho Cordova, CA 95742-6588      (916) 631-9191 FAX (916) 631-8989

ITEMIZED ESTIMATE

BILL TO:

SCHREDER & BRANDT, Mtg, INC.  
925 SIERRA VISTA DRIVE  
REDDING, CA 96001

SHIP TO:

SOLANO COLLEGE  
FAIRFIELD, CA

12-4" OD REMOVABLE BOLLARDS

QTY.	SOURCE #	ITEM	AMOUNT
12	MM-58820024	4-1/2" X 6' SCH 40 IMP PIPE CUT POST @ 151.68 /Ea. =	1820.16
12	MM-58820056	4" X 8' SCH 40 IMP PIPE CUT POST @ 135.05 /Ea. =	1620.60
12	NONE	LOCKABLE TABS @ 44.49 =	533.88
12	MM-59100088	4" PS DOME CAP @ 4.86 /Ea. =	58.32
			-----
		MATERIALS TOTAL:	\$ 4032.96

05/10/2024

Solano Community College Quad Redesign  
DSA #02-121777

**CCD #05**

Date: 6/4/2024

**NOLL  
& TAM**  
ARCHITECTS

**TITLE: Removeable Bollards**

**Project Name/Owner:**

Solano Community College  
Quad Redesign  
4000 Suisun Valley Road.  
Fairfield, CA 94534

**Architect:**

Noll & Tam Architects  
729 Heinz Avenue  
Berkeley, CA 94710

**General Contractor:**

Schreder & Brandt Mfg. Inc.  
3550 Eureka Way Unit 1  
Redding, CA 96001

**General:** *The following instructions, substitutions, alterations, changes, clarifications, additions, and/or deletions are hereby made a part of the Contract Documents and modify the original Documents dated December 28, 2023. All other conditions shall remain the same. General Contractor shall notify the Owner of any change in Contract Sum or Contract Schedule before proceeding with the work described in this document.*

**Description of Work:**

Removeable stainless steel bollards are added at all four entrances into the paved pathways across the Quad.

**Documents Issued / Attachments:**

See attached revised drawings:

- L3-01 – Layout Plan Base Bid

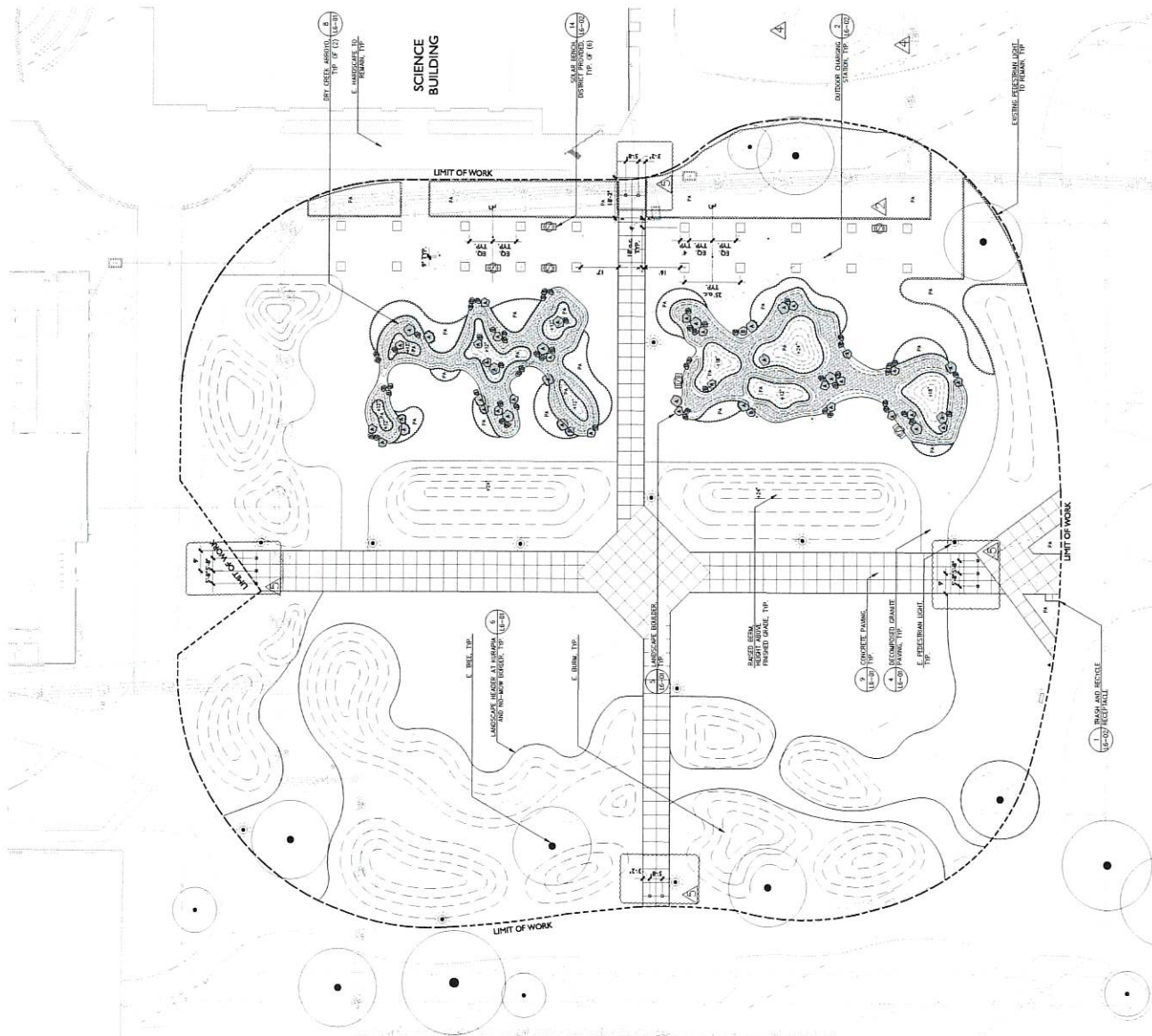
**Basis for CCD issue:**

The owner has requested the bollards to discourage cars from entering the Quad.

**Issued By:** Alyson Yarus (N&T)  
**Distributed to:** Lucky Lofton (SCCD)  
Noe Ramos (Kitchell)  
Donald Dumford (OI)

Issued By:  
Christopher Noll, Noll & Tam Architect



[illegible]



## Proposed Change Order # 16

180 E 4<sup>th</sup> Street, Suite 100  
PO Box 6310  
Chico, CA 95927  
Office: (530) 899-1104  
Fax: (530) 899-2683

September 9, 2024

Project: Quad Water Conservation Project  
Project #: 25-000

Subject: Haul Excess Dirt from Quad to Stockpile. Discrepancy per Plan, Sheet C2.0 and Actual Grades Resulted in 1100 cy Excavation & Haul Off.

Schreder & Brandt	\$	19,203.40
<b>Sub-Total</b>	<b>\$</b>	<b>19,203.40</b>
Contractor's Overhead & Profit	\$	2,880.51
<b>Sub-Total</b>	<b>\$</b>	<b>22,083.91</b>
Contractors Bonding & Insurance	\$	441.09
<b>Total Amount</b>	<b>\$</b>	<b>22,525.00</b>





Labor	Number of Hours		Amount Per Hour		Total
2 Operators	40 each	@	\$ 114.48	=	\$ 9,158.40
1 Laborer	40	@	\$ 79.17	=	\$ 3,166.80
1 Foreman	10	@	\$ 88.16	=	\$ 881.60
		@	\$ -		
<b>Total Labor</b>					<b>\$ 13,206.80</b>

Equipment	Number of Hours				Total
Dozer	40	@	\$ 150.00	=	\$ 6,000.00
Excavator		@	\$ 150.00	=	\$ -
Vac Wagon		@	\$ 130.00	=	\$ -
Water Wagon		@	\$ 130.00	=	\$ -
Float	40	@	\$ 150.00	=	\$ 6,000.00
<b>Total Equipment</b>					<b>\$ 12,000.00</b>

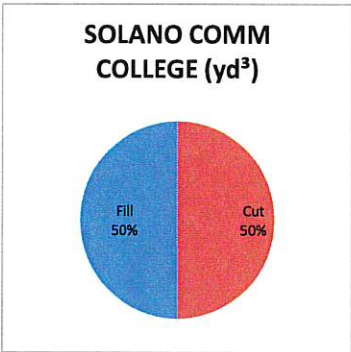
<b>Materials</b>					
		@	\$ -	=	\$ -
				=	\$ -
					<b>\$ -</b>

<b>Contracted Services</b>					
2 End Dumps	40 each	@	\$ 165.00	=	\$ 13,200.00
Disposal		@		=	\$ -
				=	\$ -
					<b>\$ 13,200.00</b>

<b>Sub-Total</b>					<b>\$ 38,406.80</b>
			50% Credit		<b>\$ (19,203.40)</b>
<b>Total</b>					<b>\$ 19,203.40</b>

Job: SOLANO COMM COLLEGE	
Units: Ft-CY	
24-Apr-2024 07:30 AM	

Distribution of Earthwork Volumes (Grid = 5.000 ft)	
Source	Volume (yd³)
Cut	1098.7
Fill	1100.1



**JSDD** JS DIGITAL DESIGN

Surface Properties	
<b>FINISH SUB Solano Community College</b>	
Maximum elevation (ft)	48.000
Minimum elevation (ft)	41.410
<b>EG Solano Community College</b>	
Maximum elevation (ft)	47.309
Minimum elevation (ft)	32.794
Maximum cut depth (ft)	2.379
Maximum fill height (ft)	4.749

Volume Report (Grid = 5.000 ft)								
'EG Solano Community College' vs 'FINISH SUB Solano Community College'								
Site Improvement	Area (ft²)			On Grade	Volume (yd³)		Export -Import (yd³)	Change Per 0.1 Ft
	Total	Cut	Fill		Cut	Fill		
Entire Site	72817.5	41149.8	31574.9	92.8	1098.7	1100.1	-1.3	269.7
<b>Job Total</b>	<b>72817.5</b>	<b>41149.8</b>	<b>31574.9</b>	<b>92.8</b>	<b>1098.7</b>	<b>1100.1</b>	<b>-1.3</b>	<b>269.7</b>



## eakout Quantities

terial	Count	Length(ft)	Area(SF)	Volume(CY)	Shrink	Depth
ONCRETE SIDEWALK	1	1,467.1	11,348.9			0.84ft
5" CONC				176.5	1.000	0.42ft
5" CL II AB				176.5	1.000	0.42ft
ECOMPOSED GRANITE	4	2,346.2	23,751.7			0.59ft
3" DECOMPOSED GRANITE				219.9	1.000	0.25ft
4" CL II AB				299.1	1.000	0.34ft
EMO 3 inch DG 4 inch CL II AB	1	1,345.8	10,731.2			0.58ft
DEMO 3" DG				99.4	1.000	0.25ft
DEMO 4" CL II AB				131.2	1.000	0.33ft

## b-Total Quantities

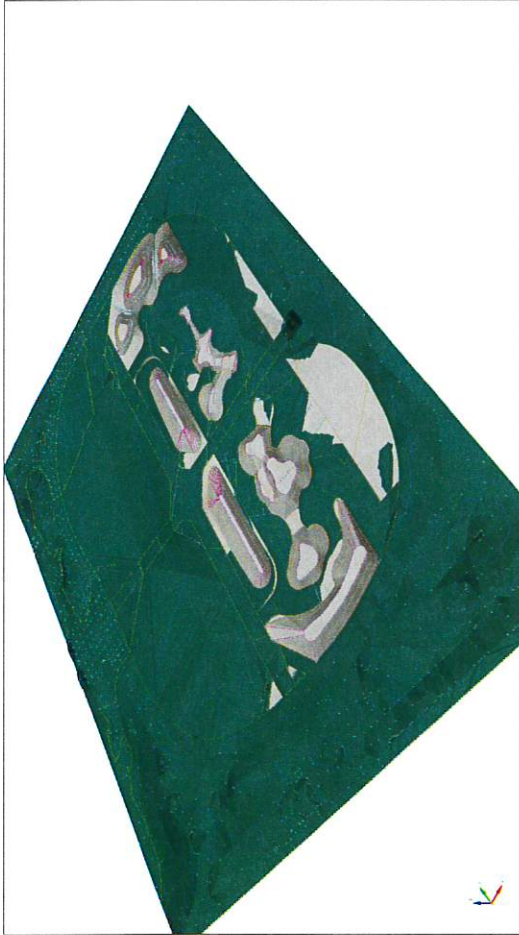
terial	Count	Length(ft)	Horizontal Area(SF)	Slope Area(SF)	Volume(CY)	Tons
DECOMPOSED GRANITE	4	2,346.2	23,751.7	23,757.6	219.9	430.5
CL II AB	4	2,346.2	23,751.7	23,757.6	299.1	585.5
CL II AB	1	1,467.1	11,348.9	11,351.1	176.5	345.6
CONC	1	1,467.1	11,348.9	11,351.1	176.5	2.4
MO 3" DG	1	1,345.8	10,731.2	10,733.1	99.4	194.5
MO 4" CL II AB	1	1,345.8	10,731.2	10,733.1	131.2	256.7
tal	12	10,318.1	91,663.6	91,683.6	1,102.6	1,815.2

## terial Parameters

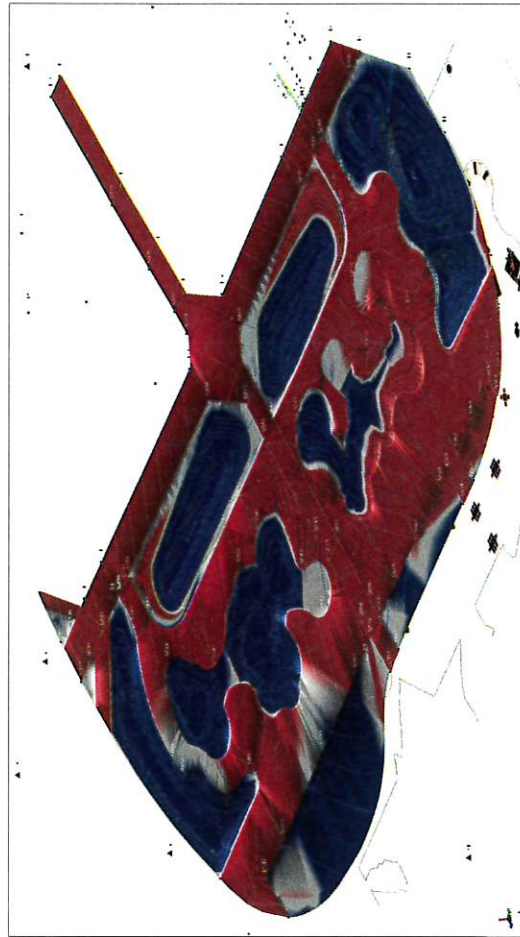
terial	Unit Cost	Shrink	Density(lb/ft^3)
DECOMPOSED GRANITE	\$1.00/Area(SF)	1.000	145.00
CL II AB	\$1.00/Area(SF)	1.000	145.00
CL II AB	\$1.00/Area(SF)	1.000	145.00
CONC	\$1.00/Area(SF)	1.000	1.00
MO 3" DG	\$1.00/Area(SF)	1.000	145.00
MO 4" CL II AB	\$1.00/Area(SF)	1.000	145.00







FINISH SURFACE DCM01 (GRAY) OG FOR REFERENCE ONLY (GREEN)



**811**  
Know what's below.  
Call 811 before you dig.

**WARNING:**  
ALL EXISTING UTILITIES ARE SHOWN AS REFERENCE ONLY. CONTACT USA 811 AND CALL BEFORE YOU DIG OR ANY OTHER REQUIRED AUTHORITIES BEFORE BEGINNING ANY EXCAVATION.  
**WARNING:**  
THIS DESIGN IS FOR INFORMATION ONLY. NO DESIGN ENGINEERING IS PROVIDED FOR THE SURFACE AND DESIGN MAP IS BASED ON THE DESIGN DRAWINGS. IF DESIGN INFORMATION IS MISSING AND OR FOUND, THEY WILL BE NOTED AND NEED TO BE REVIEWED AND APPROVED BY THE PROJECT'S DESIGN ENGINEER.

**SCHRAMMER AND BRANDT, MFG.**  
**SOLANON COMM COLLEGE DCM01**  
**EG V. FINISH SUBGRADE**  
**UNITS: US SURVEY FEET | TRIMBLE**

**PROJECT NAME:** SOLANON COMM COLLEGE  
**REQ #:**  
**LOCATION:** FAIRFIELD, CA  
**ISSUED BY:** JSDO, JSDO CONSULTING

NO.	REVISION	DATE
1	1	11/24/2015

**PROJECT:** C1.1  
**DATE:** 4/24/2014  
**SCALE:** AS SHOWN  
**DESIGNER:** JSDO  
**PROJECT FILE:** 1 of 2



## Proposed Change Order # 17

180 E 4<sup>th</sup> Street, Suite 100  
PO Box 6310  
Chico, CA 95927  
Office: (530) 899-1104  
Fax: (530) 899-2683

September 9, 2024

Project: Quad Water Conservation Project  
Project #: 25-000

Subject: New DI per RFI #4

Schreder & Brandt

\$ 8,403.92

**Sub-Total**

---

\$ 8,403.92

Contractor's Overhead & Profit

\$ 1,260.59

**Sub-Total**

---

\$ 9,664.51

Contractors Bonding & Insurance

\$ 193.49

**Total Amount**

---

\$ 9,858.00

---



### Installation of new DI

Labor	Number of Hours		Amount Per Hour			Total
2 Operators	8 each	@	\$ 114.48	=	\$	1,831.68
1 Laborer	8	@	\$ 79.17	=	\$	633.36
1 Foreman	8	@	\$ 88.16	=	\$	705.28
		@				
<b>Total Labor</b>					<b>\$</b>	<b>3,170.32</b>

Equipment	Number of Hours					Total
Dozer		@	\$ 150.00	=	\$	-
Excavator	8	@	\$ 150.00	=	\$	1,200.00
Vac Wagon		@	\$ 130.00	=	\$	-
Water Wagon		@	\$ 130.00	=	\$	-
Float	8	@	\$ 150.00	=	\$	1,200.00
<b>Total Equipment</b>					<b>\$</b>	<b>2,400.00</b>

Materials						
DI Stake 24x24 5W 12"	4	@	\$ 230.00	=	\$	920.00
DI Stake 24x24 5W 6"	1	@	\$ 200.00	=	\$	200.00
DI Stake 24x24 5W						
Frame	1	@	\$ 325.00	=	\$	325.00
24x24 Pedestrian Grate	1	@	\$ 645.00	=	\$	645.00
Freight	1	@	\$ 502.50	=	\$	502.50
tax		@		=	\$	241.10
					<b>\$</b>	<b>2,833.60</b>

Contracted Services						
End Dump		@	\$ -	=	\$	-
Disposal		@		=	\$	-
				=	\$	-
					<b>\$</b>	<b>-</b>

<b>Total</b>					<b>\$</b>	<b>8,403.92</b>
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# Oldcastle Infrastructure™

A CRH COMPANY

7000 Central Parkway  
Suite 800  
Atlanta, GA 30328

Telephone: (844) 211-1322

## INVOICE

Page 1 of 1

### Remit to:

Oldcastle Infrastructure  
P.O. Box 742387  
Los Angeles, CA 90074-2387

Site:

Stockton

SOLD TO:

SHIP TO:

Schreder & Brandt MFG., INC.  
180 E 4TH ST  
STE 100  
CHICO, CA 95928 5361

FAIRFIELD - SCHREDER  
4000 SUI SUN VALLEY RD  
Solano Community College  
Jackie: (530)  
FAIRFIELD, CA 94534 4017

Invoice No.	Date	Customer No.	Order No.	Customer PO	Delivery Terms	Mode of Delivery
030351312	5/21/2024	030005730	S337388	SIGNED QUOTE	FOB Job Site	Reeve Trucking

Packing slip(s) ....: SP373159,SP373227

Qty	Unit	Item	Description	Mark	Unit Price	Amount
2.00	EA	99912600	DI Stack Base 24x24 -KO -5W -6F -24inTall	24X24 KOB	800.00	1,600.00
6.00	EA	99913100	DI Stack Wall 24x24 -T&G -5W -12inTall	4	230.00	1,380.00
3.00	EA	99913080	DI Stack Wall 24x24 -T&G -5W -6inTall	1	200.00	600.00
3.00	EA	99912810	DI Stack Top 24x24 -Ped Frame -5W -6inTall	1	325.00	975.00
3.00	EA	99932480	24x24 Pedestrian Grate IMP E0044G	1	215.00	645.00
7.00	EA	99912580	DI Stack Base 12x12 -KO -4W -6F -12inTall	12X12 KOB	345.00	2,415.00
9.00	EA	99912970	DI Stack Wall 12x12 -T&G -4W -6inTall		165.00	1,485.00
7.00	EA	99912690	DI Stack Top 12x12 -Ped Frame -4W -6inTall	PED	250.00	1,750.00
7.00	Ea	99931900	12x12 Pedestrian Grate IMP E0040G		120.00	840.00
3.00	EA	99931890	12x12 Pedestrian Frame IMP E0035G		90.00	270.00
3.00	Ea	99931900	12x12 Pedestrian Grate IMP E0040G		120.00	360.00
1.00	Ea	9400200	Freight -- FROM STO (taxable)	FREIGHT	1,005.00	1,005.00
					Tax	1,365.82

Please note: We impose a 2.09% surcharge on all Credit Card transactions, which is not greater than our cost of acceptance.  
A surcharge will not be applied to any ACH or Debit Card transaction.

TOTAL AMOUNT DUE BY: 06/20/24

US

14,690.82

Handling fees will apply for all returned goods. No goods will be returned without written consent by the seller. Give as reference our invoice number and date. Claims for damages, back charges for labor, other expenses will not be allowed unless authorized in writing by the seller. The articles and/or services covered by this invoice were produced in compliance with the Federal Labor Standards Act of 1938, as amended.

The Customer Agrees:

1. THAT THE ABOVE TOTAL IS PAST DUE IF NOT PAID WITHIN 30 DAYS OF DATE OF THIS INVOICE
2. TO PAY A FINANCE CHARGE OF 1.5% PER MONTH (18% PER ANNUM) ON ANY PAST DUE AMOUNT
3. TO PAY COLLECTION COSTS, INCLUDING REASONABLE ATTORNEY FEES, AFTER DEFAULT BY THE CUSTOMER





Kitchell CEM, Inc.  
2450 Venture Oaks Way Ste 500  
Sacramento, California 95833  
P: (916) 648-9700

Project: 4927C2 SCCD - Quad Water  
Conservation Project  
4000 Suisun Valley Road  
Fairfield, California 94534

## RFI #4: Grading at the Quad

Status	Open		
To	Noe Ramos (Kitchell CEM, Inc.)	From	Jackie Pravong (Schreder & Brandt MFG, Inc.)
Date Initiated	Mar 21, 2024	Due Date	Apr 4, 2024
Location		Project Stage	Course of Construction
Cost Impact		Schedule Impact	
Spec Section		Cost Code	
Drawing Number		Reference	
Linked Drawings			
Received From	Jackie Pravong (Schreder & Brandt MFG, Inc.)		
Copies To	Carolyn Atkinson (Schreder & Brandt MFG, Inc.), Jackie Pravong (Schreder & Brandt MFG, Inc.), Noe Ramos (Kitchell CEM, Inc.), Alyson Yarus (Noll & Tam Architects)		

### Activity

#### Question

**Question from Jackie Pravong Schreder & Brandt MFG, Inc. on Thursday, Mar 21, 2024 at 12:57 PM PDT**

On sheet C 2.0 the grading plan, it appears that the grades & slopes shown may result in ponding at the intersection of the 4 new walks. A possible solution would be to put a storm drain inlet in the middle of that intersection. Please advise.

*Awaiting an Official Response*

#### CSW Response:

The quad area at the intersection of the 4 paths generally slopes from northwest to south east at 1.2%. See Attached markup. That slope is acceptable for sheet flow off of a concrete surface. The drainage will be directed to a new DI to the south. The pathway south of the quad to be regraded so the path low point is adjacent to the new DI. See attached updated grades. The existing DI under the berm shall be raised to the finished grade of the top of berm and have a solid lid installed.

Kirk Bovitz  
3/25/24

## PATH OF TRAVEL NOTES

1. PATH OF TRAVEL (POT) IS THE PATH OF A VEHICLE OR PERSON FROM THE POINT OF ORIGIN TO THE POINT OF DESTINATION. IT IS THE PATH OF TRAVEL THAT IS MOST LIKELY TO BE TAKEN BY A VEHICLE OR PERSON. THE PATH OF TRAVEL IS DETERMINED BY THE LOCATION OF THE ORIGIN AND DESTINATION, THE LOCATION OF OBSTACLES, AND THE LOCATION OF THE PATH OF TRAVEL. THE PATH OF TRAVEL IS DETERMINED BY THE LOCATION OF THE ORIGIN AND DESTINATION, THE LOCATION OF OBSTACLES, AND THE LOCATION OF THE PATH OF TRAVEL.
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Graphic Scale (in feet)  
0 10 20 30 40 50 60 70 80 90 100

BLDG. 600

BLDG. 500

## GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES.
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## QUAD GRADING QUANTITIES

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**NOLL & TAM**  
ARCHITECTS

720 New Avenue  
Beverly Hills, CA 90210  
Tel: 310.554.2201  
Fax: 310.554.2201

ARCHITECTS SEAL

PROJECT TITLE

Solano CC Quad  
Redesign  
DSA #02-12177

4000 Solano Valley Road  
Fairfield, CA 94534

ISSUE TITLE  
Construction Set

REVISION	DATE	DESCRIPTION
1	01/11/11	ISSUE FOR PERMIT
2	01/11/11	ISSUE FOR PERMIT
3	01/11/11	ISSUE FOR PERMIT
4	01/11/11	ISSUE FOR PERMIT
5	01/11/11	ISSUE FOR PERMIT
6	01/11/11	ISSUE FOR PERMIT
7	01/11/11	ISSUE FOR PERMIT
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100	01/11/11	ISSUE FOR PERMIT

SHEET TITLE  
QUAD GRADING  
PLAN REVISION

SHEET NUMBER  
C2.0





## Proposed Change Order # 18

180 E 4<sup>th</sup> Street, Suite 100  
PO Box 6310  
Chico, CA 95927  
Office: (530) 899-1104  
Fax: (530) 899-2683

September 9, 2024

Project: Quad Water Conservation Project  
Project #: 25-000

Subject: Grass and Irrigation System Installation by Fire Lane.

Marina Landscape	\$	22,080.78
Schreder & Brandt		939.99
<b>Sub-Total</b>	<b>\$</b>	<b>23,020.77</b>
Contractor's Overhead & Profit	\$	1,245.04
<b>Sub-Total</b>	<b>\$</b>	<b>24,265.81</b>
Contractors Bonding & Insurance	\$	485.32
<b>Total Amount</b>	<b>\$</b>	<b>24,751.13</b>



Relocating temp fencing, rental & additional pick up

Labor	Number of Hours		Amount Per Hour		Total
1 Laborer	3	@	\$ 79.17	=	\$ 237.51
1 Foreman	3	@	\$ 88.16	=	\$ 264.48
		@		=	\$ -
<b>Total Labor</b>					<b>\$ 501.99</b>

Equipment Rental	Qty				Total
Temp Fencing	120	@	\$ 1.35	=	\$ 198.00
Additional PU Fee	1	@	\$ 240.00	=	\$ 240.00
<b>Total Equipment</b>					<b>\$ 438.00</b>

Materials	Number				Total
		@		=	
		@		=	
<b>Total Materials</b>					<b>\$ -</b>
<b>Total</b>					<b>\$ 939.99</b>



1683 E. LOUISE AVE.  
LATHROP, CA 95330

PHONE: (714) 939-6600  
FAX: (714) 935-1199

## PROPOSED CHANGE ORDER

NO. 0008

**TITLE:** GRASS INSTALLATION BY FIRE LANE AREA

**DATE:** 09/19/24

**JOB NO.:** 324020

**PROJECT:** QUAD WATER CONSERVATION

**TO:** SCHREDER & BRANDT MFG, INC.

PO BOX 6310

CHICO, CA 9527

**Phone:** (479) 295-0221

**Fax:**

### DESCRIPTION OF PROPOSAL:

THE PURPOSE OF THIS CHANGE ORDER IS TO CAPTURE THE COST TO INSTALL 2,500 SQFT OF GRASS AND IRRIGATION SYSTEM BY THE FIRE LANE AS REQUESTED BY SCHREDER AND BRANDT. MLI WILL TIE INTO THE EXISTING VALVE AND USE THE EXISTING WIRES.

MLI EXCLUDES ANY GRADING, SOIL PREP. AND/OR MAINTENANCE TO THIS AREA. MLI'S WORK IS COMPLETE UPON INSTALLATION OF PIPE, HEADS AND GRASS.

ALL QUALIFICATIONS AND EXCLUSIONS PER THE FULLY EXECUTED SUBCONTRACT APPLY.

ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	AMOUNT
1	GRASS INSTALLATION	1	LS	22,080.78	22,080.78

**TOTAL: \$ 22,080.78**

**TIME EXTENSION** ..... 5 DAY

**By:** \_\_\_\_\_  
SCHREDER & BRANDT

**By:**   
EMILIA RUELAS

**Date:** \_\_\_\_\_

**Date:** 09.19.24

# EXTRA WORK CALCULATION SHEET

MARINA LANDSCAPE, INC.  
1683 E. LOUISE AVE.  
LATHROP, CA 95330  
(714)939-6600



DATE: 9/19/2024  
JOB NO.: 324020

BILL TO: SCHREDER & BRANDT MFG, INC.

PROJECT: QUAD WATER CONSERVATION

DESCRIPTION: GRASS INSTALLATION BY FIRE LANE AREA

QTY	DESCRIPTION	HOURS	HOURLY RATE	EXTENDED AMOUNTS
<b>*** LABOR ***</b>				
1	FOREMAN	40	78.06	3,122.40
1	OPERATOR	40	84.32	3,372.80
2	LABOR	40	74.45	5,956.00
SUB-TOTAL COST LABOR				12,451.20
<b>*** EQUIPMENT ***</b>				
1	SEE ATTACHED	1	4,000.00	4,000.00
TOTAL COST EQUIPMENT				4,000.00
<b>*** MATERIAL ***</b>				
1	SEE ATTACHED		3,622.24	3,622.24
TOTAL COST MATERIALS				3,622.24
=====				
	TOTAL LABOR			12,451.20
10.0%	LABOR MARK UP			1,245.12
	TOTAL EQUIPMENT			4,000.00
10.0%	MARK-UP EQUIPMENT			400.00
	TOTAL MATERIALS			3,622.24
10.0%	MARK-UP MATERIALS			362.22
	SUBTOTAL			22,080.78
GRAND TOTAL				22,080.78



## EXTRA WORK CALCULATION SHEET

MARINA LANDSCAPE , INC.  
1683 E. LOUISE AVE.  
LATHROP, CA 95330  
(714)939-6600



landscape construction  
landscape maintenance  
landscape architecture  
erosion control  
design build

BILL TO: SCHREDER & BRANDT MFG, INC.

DATE: 9/19/2024  
JOB NO.: 324020

PROJECT: QUAD WATER CONSERVATION

DESCRIPTION: GRASS INSTALLATION BY FIRE LANE AREA

QTY	DESCRIPTION	HOURS	HOURLY RATE	EXTENDED AMOUNTS
*** EQUIPMENT ***				
1	FOREMAN TRUCK	40	35.00	1,400.00
1	BOBCAT	40	65.00	2,600.00
SUB-TOTAL COST EQUIPMENT				4,000.00

# EXTRA WORK CALCULATION SHEET

MARINA LANDSCAPE , INC.  
1683 E. LOUISE AVE.  
LATHROP, CA 95330  
(714)939-6600



landscape construction  
landscape maintenance  
landscape architecture  
erosion control  
design build

DATE: 9/19/2024  
JOB NO.: 324020

BILL TO: SCHREDER & BRANDT MFG, INC.

PROJECT: QUAD WATER CONSERVATION

DESCRIPTION: GRASS INSTALLATION BY FIRE LANE AREA

QTY	DESCRIPTION	UNIT	UNIT COST	EXTENDED AMOUNTS
*** MATERIAL ***				
300	SCH. 40 1" PURPLE	FT	3.05	915.00
1	FITTINGS	LS	320.25	320.25
8	POP-UP HEADS	EA	16.78	134.24
8	NOZZLES	EA	0.97	7.76
8	SWING JOING	EA	2.35	18.80
2500	GRASS	LF	0.65	1,625.00
1	TAX			271.89
1	MATERIAL HANDLING/FREIGHT			329.29
TOTAL COST MATERIALS				3,622.24