



CHANGE ORDER NO. 1

October 29, 2018

R & R Horn, Inc.
PO Box 6697
Chico, CA 95973

Attention: Trevor Thomas, Project Manager

Subject: Murdock Elementary School Relocatables
Willows Unified School District
Architect's Project No.: 2017-1317

You are hereby authorized to make the following changes in the subject work.

Workmanship and materials shall be in accord with standards established by the original specifications.

ITEM NO. 1: Replace (E) AC paving from street to (E) valley gutter.

Requested by: Owner
Reason: Repair (E)

Attachments:	CCD 008, RFI 015			
Change in Contract Amount		ADD	\$	10,478.00
No Change in Contract Performance Period				

ITEM NO. 2: Alternate routing for revised domestic water point of connection.

Requested by: R&R Horn
Reason: Shorter run to project point of connection.

Attachments:	R&R Horn COR 004			
Change in Contract Amount		DEDUCT	\$	(6,517.00)
No Change in Contract Performance Period				

ITEM NO. 3: Revisions to Landscaping per RFI 015.

Requested by: Owner
Reason: To provide additional trees.

Attachments: CCD 008, RFI 015
Change in Contract Amount ADD \$ 94.00
No Change in Contract Performance Period

ITEM NO. 4: Reset several loose chain link fence posts at drop off area, per RFI 016.

Requested by: Owner
Reason: To keep post from coming out.

Attachments: PCO 010, RFI 016
Change in Contract Amount ADD \$ 1,146.00
No Change in Contract Performance Period

ITEM NO. 5: Cost associated with providing additional aggregate base at the asphalt concrete areas.

Requested by: Architect
Reason: Aggregate section needed to be 14" in lieu of the 4" noted on the plans.

Attachments: CCD 002, PCO #011
Change in Contract Amount ADD \$ 78,381.00
No Change in Contract Performance Period

ITEM NO. 6: Furnish and install five (5) new thresholds along the Path of Travel at Unit D, per RFI 026.

Requested by: R & R Horn
Reason: Existing thresholds did not meet ADA height requirements.

Attachments: RFI 026, PCO #16
Change in Contract Amount ADD \$ 2,153.00
No Change in Contract Performance Period

ITEM NO. 7: AC Material cost only for areas removed for paving production.

Requested by: R & R Horn
Reason: Plans call for a hopscotch type paving removal. Removing a larger section would facilitate the project site use and better visual appearance at the end of the project.

Attachments: PCO #18
Change in Contract Amount ADD \$ 5,934.00
No Change in Contract Performance Period

ITEM NO. 8: Add temporary construction fence, relocate temporary construction fencing at project site due to building delay by Enviroplex.

Requested by: R & R Horn
Reason: Late delivery of portable buildings by Enviroplex.

Attachments: PCO #18
Change in Contract Amount ADD \$ 2,188.00
No Change in Contract Performance Period

ITEM NO. 9: Change two electrical underground pullbox lids from no-traffic rated to traffic rated pullbox lids.

Requested by: R&R Horn
Reason: The electrical underground pullboxes in question were in the delivery aisle and in a parking space.

Attachments: COR #021
Change in Contract Amount ADD \$ 2,258.00
No Change in Contract Performance Period

Original Contract Amount	\$	1,197,900.00
Amount Changed by Previous Change Order(s)	\$.00
Contract Amount Prior to this Change Order	\$	1,197,900.00
Amount Changed by this Change Order	\$	96,115.00
Revised Contract Amount	\$	1,294,015.00

% Change by this Change Order	%	8.02
Total % Change of Original Contract Amount	%	8.02

Original Completion Date	August 8, 2018
Revised Completion Date Revised by Previous Change Order(s)	August 8, 2018
Calendar Days added by this Change Order	0
Revised Completion Date through this Change Order	August 8, 2019

The acceptance and approval of this change order constitutes full and final settlement for all work and costs (including extended overhead, inefficiency and impact or delays) related to the items addressed herein with no exceptions.

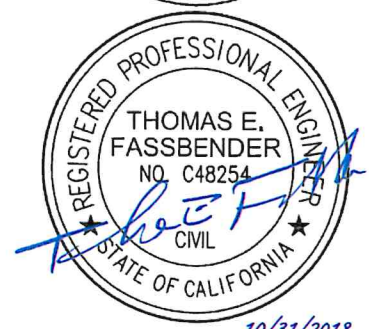
APPROVED: *Mark G. Davis Ed.D.* 11/5/18
 Willows Unified School District Date

ACCEPTED: *[Signature]* 11/05/2018
 R & R Horn Inc. Date

APPROVED: *[Signature]* 10/30/18
 Rainforth Grau Architects Date

APPROVED: _____
 Warren Consulting Engineers. Date

APPROVED: *[Signature]* 10/31/18
 Edge Electrical Consulting Date



Page 1 of 1
REVISION 5

Bid Date: 3/27/2018
Time: 1:00PM

Quote Number: 18002CO

Willows Unified School District

Proposal for:
Murdock Elem And WIS Relocatables - CHANGES

from

R&R Horn, Inc.

P.O. Box 6697, , Chico, CA 95927

Phone: (530) 342-8655 Fax: (530) 892-1324

License: 780633 Type: General A & B



Project No. 17-1317

Item	Description	Quantity	Unit	Unit Price	Total Price
COR 2	CO Request 002 - Remove And Replace AC Up To Valley Gutter				
01	Remove AC And Replace With AB And AC	2,600.00	SF	4.0300	10,478.00
				Total:	<u>10,478.00</u>

Total For CO Request 002 - Remove And Replace
AC Up To Valley Gutter

10,478.00

Total: 10,478.00

√ = Locked Bid-Item

! = Zero Total Price

6/11/2018 5:19 pm

Estimator: Jaime Cochran



Generated by a SharpeSoft Product

Jeff Juarez

From: Steven Permann <spermann@willowsunified.org>
Sent: Tuesday, June 12, 2018 9:02 AM
To: Trevor Thomas
Subject: Re: Cost Estimate - Remove and Replace AC at Parking Area

Mort said to go head and replace it all.

On Mon, Jun 11, 2018 at 5:58 PM, Trevor Thomas <Trevor@rrhorn.com> wrote:

Steve,

Per our earlier correspondence, please see the attached cost estimate to remove and replace the AC paving at the parking area, all the way to the Valley Gutter.

Please discuss with Mort and let us know what you think. We can then process and RFI and the change and move forward if you wish.

Thank you and we can talk tomorrow morning.

Trevor Thomas

Project Manager

R&R HORN, INC., General Engineering Contractor, License #780633

R&R HORN CONTRACTORS, INC., General Contractor, License #958638

PO BOX 6697 | CHICO, CA 95927

PHONE | 530.342.8655

CELL | 530.828.2595

FAX | 530.892.1324

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Steve Permann
Maintenance Lead
Willows Unified School District
530-330-1042

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R&R Horn, Inc.

PO Box 6697, Chico, CA 95973 PHONE: (530) 342-8655 FAX: (530) 892-1324

CHANGE ORDER REQUEST

TO: Willows Unified School District
 823 Laurel St.
 Willows, CA 95988

COR # COR #004

DATE: 08/01/18

PROJECT: Murdock Elem/WIS Sitework

JOB # 18002

ATTN: Mort Geivett

We submit for your approval the following cost estimate of changes in work as follows:
 Credit for Murdock Revised Water Line POC

This change was requested by: RFI #06 Response

ITEM	ENCL. #	LABOR	MTL/EQUIP	SUBS/TRUCKING	TOTAL
R&R Horn, Inc					\$ -
					\$ -
2" Water Line Credit		\$ (2,997.48)	\$ (4,060.67)	\$ (575.20)	\$ (7,633.35)
Additional Potholing		\$ 566.40	\$ 469.44		\$ 1,035.84
Added time to R&R Ramp		\$ 799.16	\$ 81.00		\$ 880.16
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
		\$ (1,631.92)	\$ (3,510.23)	\$ (575.20)	\$ (5,717.35)
Sub Markup	5%				\$ (28.76)
Labor and Material Markup	15%				\$ (771.32)
				SUBTOTAL	\$ (6,517.43)
Bonds and Insurance	0%				\$ -
					\$ (6,517.43)
TOTAL AMOUNT FOR CHANGE PROPOSAL					\$ (6,517)
TIME EXTENSION REQUIRED FOR THIS CHANGE					TBD

(WORKING DAYS)

We have proceeded with this change, and work orders have been sent to the subcontractors, in accordance with

We will not proceed with this change until receipt of a signed copy of this proposal. This proposal must be accepted by _____

APPROVED: _____

R&R Horn, Inc.

DATE: _____

BY: Trevor Thomas

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Bid-Item	Description	Quantity UM	Material Cost	Labor Cost	Equipment Cost	Subcontract Cost	Other Cost	Plug Cost	Trucking Cost	Unit Cost	Total Cost
COR 4											
01	2" Domestic Water Mainline - Credit	-270.00LF	-2,290.66	-2,997.48	-1,770.01	0.00	0.00	0.00	-575.20	28.2717	-7,633.35
02	Added Time To Pothole Water Line	0.50DAY	0.00	566.40	469.44	0.00	0.00	0.00	0.00	2,071.6800	1,035.84
03	Added Time To Remove And Replace Ramp	0.50DAY	0.00	799.16	81.00	0.00	0.00	0.00	0.00	1,760.3200	880.16
			\$-2,290.66	\$-1,631.92	\$-1,219.57				\$-575.20		\$-5,717.35

(Completed Item) (Zero Total Cost)



Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Group: COR 4 Revised Water Line Tie In Location

Bid-Item	Description	Quantity	UM	Unit Cost	Total Cost
01	2" Domestic Water Mainline - Credit	-270.00	LF	0.0000	-7,633.35
1	Buy Pipe & Fittings	-270.00	LF	0.0000	-632.57

Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
M 12 Gauge Insulated Copper Wire		-270.00	LF	0.2500	-72.39
M 2" Sch 80 PVC Pipe		-280.00	LF	1.7500	-525.53
M 2" Detectable Tape		-270.00	LF	0.0280	-8.11
M 2" Sch 80 PVC 45 Deg Bend		-3.00	EA	8.2500	-26.54

Prod. per Day:	Day Lgth: 8.00	Hrs Req:	Lbr Typ: Standard	Man. Hrs.:			
Work. Comp. 6220	4.28%	Days Req:	Man Hrs Per LF	0.000000			
Work Type:							
Unit Cost:	<u>Material</u> 2.34	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Total Cost:	-632.57						

2	Buy And Haul Bedding Sand	-90.00	TON	0.0000	-1,987.88
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
M Wash Sand		-90.00	TN	15.0000	-1,447.88
T Sand Haul		-90.00	TN	6.0000	-540.00

Prod. per Day:	Day Lgth: 8.00	Hrs Req:	Lbr Typ: Standard	Man. Hrs.:			
Work. Comp. 6220	4.28%	Days Req:	Man Hrs Per TON	0.000000			
Work Type:							
Unit Cost:	<u>Material</u> 16.09	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u> 6.00
Total Cost:	-1,447.88						-540.00

3	Trench, Place Pipe And Backfill	-270.00	LF	0.0000	-4,519.26
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E Komastu PC138	RRH17	1.00 / -1.13	DAY	462.2400	-520.02
E 24" Compaction Wheel For Excavator	RRH17	1.00 / -1.13	DAY	152.0000	-171.00
E 2500 Gal Water Truck	RRH17	1.00 / -1.13	DAY	433.0400	-487.17
E Jumping Jack	RRH17	1.00 / -1.13	DAY	45.2000	-50.85
E 1 Ton Utility Truck	RRH17	1.00 / -1.13	DAY	132.0000	-148.50
L Operator Foreman	L2/O1H18	1.00 / -1.13	DAY	687.4400	-773.37
L Gradesetter Operator Group 4	L2/O1H18	1.00 / -1.13	DAY	660.0800	-742.59
L Pipe Layer Group 1	L2/O1H18	1.00 / -1.13	DAY	481.0400	-541.17
E Cat 262 Skidsteer	RRH17	1.00 / -1.13	DAY	304.0000	-342.00
L Loader Operator Group 4	L2/O1H18	1.00 / -1.13	DAY	660.0800	-742.59

Prod. per Day: 240.00	Day Lgth: 8.00	Hrs Req: 9.00	Lbr Typ: Standard	Man. Hrs.:			
Work. Comp. 6220	4.28%	Days Req: 1.13	Man Hrs Per LF	0.133333			
Work Type:							
Unit Cost:	<u>Material</u>	<u>Labor</u> 10.37	<u>Equipment</u> 6.37	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Total Cost:		-2,799.72	-1,719.54				

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

4	Trench Restoration In AC	-300.00 SF	0.0000	-493.64
01	Buy And Haul AC	-3.00 TON	0.0000	-218.60
02	Buy And Haul AC	-3.00 TON	0.0000	-218.60

Description	Area	Quantity/Hours	UM	Unit Cost	Total Cost
M 1/2" PG 64-10 HMA	L2/O1H18	-3.00	TN	57.0000	-183.40
T Transfers Hourly	L2/O1H18	40.00 /	-0.01 HR	110.0000	-35.20

Prod. per Hr:	Day Lgth: 8.00	Hrs Req:	Lbr Typ: Standard	Man. Hrs.:			
Work. Comp. 5506	8.26%	Days Req:	Man Hrs Per TON	0.000000			
Work Type:							
	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	61.13						11.73
Total Cost:	-183.40						-35.20

01	Buy And Haul AC	-3.00 TON	0.0000	-218.60
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	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	61.13						11.73
Total Cost:	-183.40						-35.20

02	Patch By Hand	-300.00 SF	0.0000	-275.04
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E Jumping Jack	RRH17	1.00 / -0.13	DAY	45.2000	-5.65
E Pick Up Truck	RRH17	1.00 / -0.13	DAY	117.2000	-14.65
L Asphalt Shoveler Group 2	L2/O1H18	1.00 / -0.13	DAY	466.4800	-58.31
L Asphalt Raker Const. Spec.	L2/O1H18	1.00 / -0.13	DAY	474.2400	-59.28
L Loader Operator Group 4	L2/O1H18	1.00 / -0.13	DAY	641.3600	-80.17
E Skip Loader / Float Tractor	RRH17	1.00 / -0.13	DAY	241.3600	-30.17
M SS-1 Asphalt Emulsion	RRH17	-5.00	GAL	5.0000	-26.81

Prod. per Day: 2,400.00	Day Lgth: 8.00	Hrs Req: 1.00	Lbr Typ: Standard	Man. Hrs.: -3.00			
Work. Comp. 6220	4.28%	Days Req: 0.13	Man Hrs Per SF	0.010000			
Work Type:							
	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	0.09	0.66	0.17				
Total Cost:	-26.81	-197.76	-50.47				

4	Trench Restoration In AC	-300.00 SF	0.0000	-493.64
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	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	0.70	0.66	0.17				0.12
Total Cost:	-210.21	-197.76	-50.47				-35.20

01	2" Domestic Water Mainline - Credit	-300.00 LF	0.0000	-7,633.35
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	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	8.48	11.10	6.56				2.13
Total Cost:	-2,290.66	-2,997.48	-1,770.01				-575.20

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Bid-Item	Description	Quantity	UM	Unit Cost	Total Cost
02	Added Time To Pothole Water Line	0.50	DAY	2,071.6800	1,035.84

Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
L Operator Foreman	L2/O1H18	1.00 / 0.50	DAY	667.2800	333.64
E Vacuum Trailer	RRH17	1.00 / 0.50	DAY	345.2000	172.60
L General Labor Group 3	L2/O1H18	1.00 / 0.50	DAY	465.5200	232.76
E 1 Ton Utility Truck	RRH17	1.00 / 0.50	DAY	162.0000	81.00
E Cat 420 Backhoe	RRH17	1.00 / 0.50	DAY	431.6800	215.84

Prod. per Day: 1.00	Day Lgth: 8.00	Hrs Req: 4.00	Lbr Typ: Standard	Man. Hrs.: 8.00
Work. Comp. 6220	4.28%	Days Req: 0.50	Man Hrs Per DAY	16.000000
Work Type:				

	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:		1,132.80	938.88				
Total Cost:		566.40	469.44				

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Bid-Item	Description	Quantity	UM	Unit Cost	Total Cost
03	Added Time To Remove And Replace Ramp	0.50	DAY	1,760.3200	880.16

Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E 1 Ton Utility Truck	RRH17	1.00 / 0.50	DAY	162.0000	81.00
L Operator Foreman	L2/O1H18	1.00 / 0.50	DAY	667.2800	333.64
L General Labor Group 3	L2/O1H18	2.00 / 0.50	DAY	465.5200	465.52

Prod. per Day: 1.00	Day Lgth: 8.00	Hrs Req: 4.00	Lbr Typ: Standard	Man. Hrs.: 12.00			
Work. Comp. 6220	4.28%	Days Req: 0.50	Man Hrs Per DAY	24.000000			
Work Type:							
	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:		1,598.32	162.00				
Total Cost:		799.16	81.00				

Murdock Elementary School - Relocatable Buildings

RFI NO.

6

Architect's Project #17-1317
DSA File/App. #11-35 / 02-116649

Date: 6/4/2018

1. REQUEST FOR INFORMATION

To: Rainforth Grau Architects
2407 J Street; Suite 300
Sacramento, CA 95816

From: Contractor: R & R Horn, Inc.
Contact: Trevor Thomas

Attn.: Jeff Juarez

Sub Contractor: _____

Contact: _____

Reference:
Dwg./Document No.: C3.1 Rev.: _____ Title: Utility Plan

Location: _____ Elevation: _____

2. Existing Condition:

Is it possible to make the domestic water connection to the existing buildings adjacent to the new portables opposed to the location depicted in the plans. See attached photos and drawings. There would be a cost savings for a reduction in LF of trench (TBD). The existing line located 6/1 appears to be a 2.5" or 3" service.

3. Recommended Action(s):

4. Project Inspector Acknowledgment: *Date Reviewed:* _____ *Comments:*

5. Owner / A/E Resolution(s):

Confirmed pipe size and that it is connected to the domestic water service. If pipe size is 2.5" or greater and is a domestic water line, it is acceptable.

Date of Response: 6/4/2018 *By:* Greg Ventura

Attachments: _____

Extra Work Involved in the Above Described Change – Yes: _____ *No:* _____

Distribution: GC/CM: _____ *Consultant:* _____

District: _____ *Other:* _____

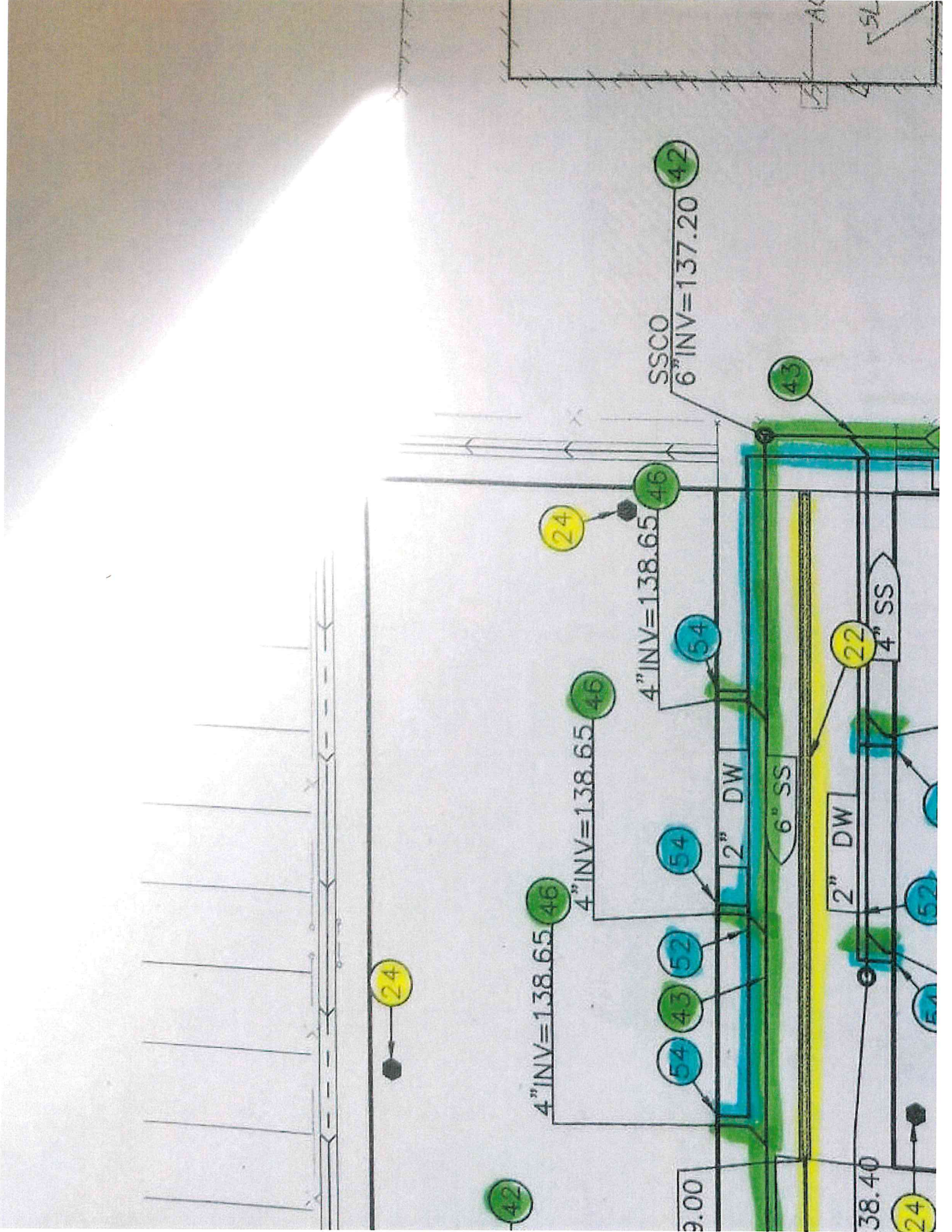
PI: _____ *File:* _____



ROOM
504







SSCO
6" INV=137.20

4" INV=138.65

4" INV=138.65

4" INV=138.65

9.00
38.40

42

24

46

43

54

22

46

54

2" DW

52

54

52

54

24

24

38.40

24

9.00

24

54

52

2" DW

4" SS

4" SS

46

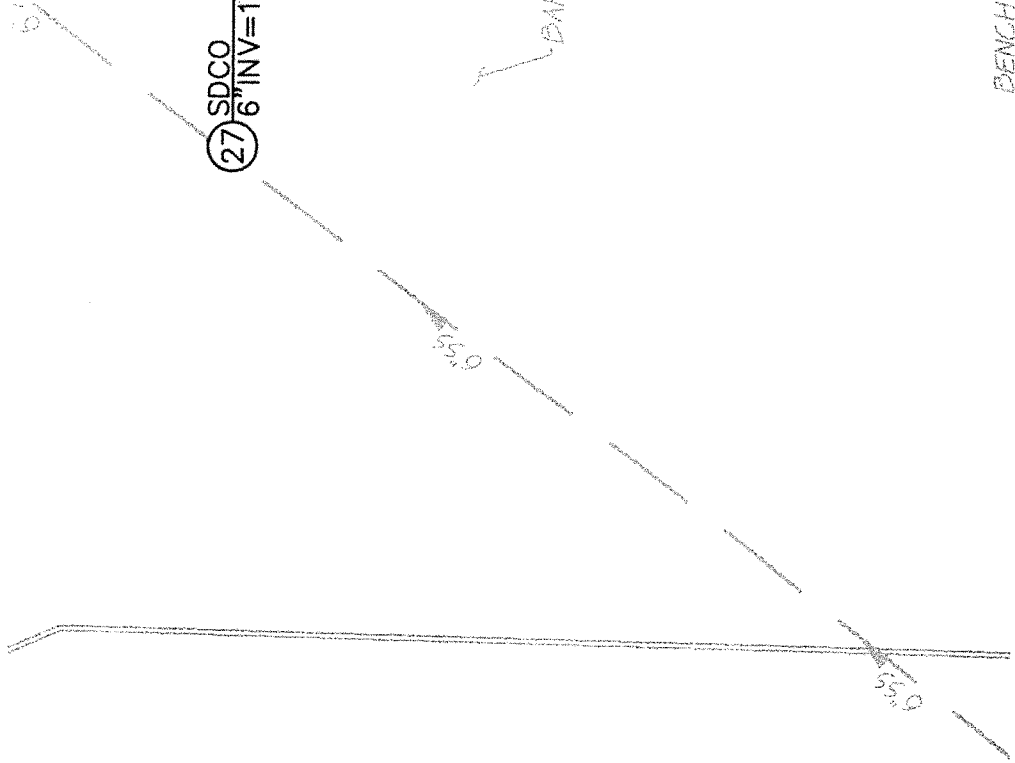
43

42

24

5L

AK



BENCH 7



R&R Horn, Inc.

PO Box 6697, Chico, CA 95973 PHONE: (530) 342-8655 FAX: (530) 892-1324

CHANGE ORDER REQUEST

TO: Willows Unified School District
823 Laurel St.
Willows, CA 95988

COR # COR #008

DATE: 08/01/18

PROJECT: Murdock Elem/WIS Sitework

JOB # 18002

ATTN: Mori Geivell

We submit for your approval the following cost estimate of changes in work as follows:
Changes to Landscaping

This change was requested by: RFI #15 Response

ITEM	ENCL. #	LABOR	MTL/EQUIP	SUBS/TRUCKING	TOTAL
R&R Horn, Inc					\$ -
					\$ -
Irrigation Credit		\$ (1,688.70)	\$ (1,546.66)		\$ (3,235.36)
Additional 24" Box Trees		\$ 1,580.82	\$ 1,267.78		\$ 2,848.60
Additional AB/AC (Materials Only)			\$ 373.87	\$ 104.00	\$ 477.87
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
		\$ (107.88)	\$ 94.99	\$ 104.00	\$ 91.11
Sub Markup	5%				\$ 5.20
Labor and Material Markup	15%				\$ (1.93)
Bonds and Insurance	0%				\$ -
SUBTOTAL					\$ 94.38
TOTAL AMOUNT FOR CHANGE PROPOSAL					\$ 94.38
TIME EXTENSION REQUIRED FOR THIS CHANGE					\$ 94
(WORKING DAYS)					TBD

We have proceeded with this change, and work orders have been sent to the subcontractors, in accordance with

We will not proceed with this change until receipt of a signed copy of this proposal. This proposal must be accepted by _____

APPROVED: *Mori Geivell*

DATE: 8/16/18

R&R Horn, Inc.

BY: Trevor Thomas



R&R Horn, Inc.

PO Box 6697, Chico, CA 95973 PHONE: (530) 342-8655 FAX: (530) 892-1324

CHANGE ORDER REQUEST

TO: Willows Unified School District
823 Laurel St.
Willows, CA 95988

COR # COR #008

DATE: 08/01/18

PROJECT: Murdock Elem/WIS Sitework

JOB # 18002

ATTN: Mort Geivett

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R&R Horn, Inc					\$ -
					\$ -
Irrigation Credit		\$ (1,688.70)	\$ (1,546.66)		\$ (3,235.36)
Additional 24" Box Trees		\$ 1,580.82	\$ 1,267.78		\$ 2,848.60
Additional AB/AC (Materials Only)			\$ 373.87	\$ 104.00	\$ 477.87
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
		\$ (107.88)	\$ 94.99	\$ 104.00	\$ 91.11
Sub Markup	5%				\$ 5.20
Labor and Material Markup	15%				\$ (1.93)
				SUBTOTAL	\$ 94.38
Bonds and Insurance	0%				\$ -
					\$ 94.38
TOTAL AMOUNT FOR CHANGE PROPOSAL					\$ 94
TIME EXTENSION REQUIRED FOR THIS CHANGE					TBD

(WORKING DAYS)

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We will not proceed with this change until receipt of a signed copy of this proposal. This proposal must be accepted by _____

APPROVED: _____

R&R Horn, Inc.

DATE: _____

BY: Trevor Thomas

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Bid-Item	Description	Quantity UM	Material Cost	Labor Cost	Equipment Cost	Subcontract Cost	Other Cost	Plug Cost	Trucking Cost	Unit Cost	Total Cost
COR 8											
01	Irrigation Credit	-1.00LS	-943.32	-1,688.70	-603.34	0.00	0.00	0.00	0.00	3,235.3600	-3,235.36
02	Additional 24" Box Trees	2.00EA	736.76	1,580.82	531.02	0.00	0.00	0.00	0.00	1,424.3000	2,848.60
03	Additional AB/AC At Tree Wells Fill In - Material Only	1.00LS	373.87	0.00	0.00	0.00	0.00	0.00	104.00	477.8700	477.87
			\$167.31	\$-107.88	\$-72.32				\$104.00		\$91.11

(Completed Item) (Zero Total Cost)



Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Group: COR 8 Landscape Plan Changes

Bid-Item	Description	Quantity	UM	Unit Cost	Total Cost
01	Irrigation Credit	-1.00	LS	0.0000	-3,235.36
01	Buy Irrigation Materials	-1.00	LS	0.0000	-943.32

Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
M 3/4" SCh 40 PVC Pipe		-160.00	LF	0.2200	-37.75
M 1 1/5" Control Valve		-1.00	EA	68.5000	-73.47
M Hunter SV200 Two Station Battery Operated Control		-1.00	EA	99.0000	-106.18
M 2" Bronze Gate Valve		-1.00	EA	188.9300	-202.63
M 10" Irrigation Valve Box		-1.00	EA	18.7960	-20.16
M 12" Irrigation Valve Box W/ Lid		-1.00	EA	30.0430	-32.22
M 24" Root Barrier		-80.00	LF	4.8500	-416.13
M Pressure Regulator Valve		-1.00	EA	51.0830	-54.78

Prod. per Day: Day Lgth: 8.00 Hrs Req: Lbr Typ: Standard Man. Hrs.:
 Work. Comp. 6220 4.28% Days Req: Man Hrs Per LS 0.000000
 Work Type:

	Material	Labor	Equipment	Other	Subcontractor	Plug	Truck
Unit Cost:	943.32						
Total Cost:	-943.32						

02	Install Irrigation	-135.00	LF	0.0000	-1,659.37
01	Trenching For Main And Laterals	-135.00	LF	0.0000	-561.71

Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E Cat 420 Backhoe	RRH17	1.00 / -0.34	DAY	398.4000	-134.46
E Pick Up Truck	RRH17	1.00 / -0.34	DAY	117.2000	-39.56
L Operator Foreman	L2/O1H18	1.00 / -0.34	DAY	676.9600	-228.47
L General Labor Group 3	L2/O1H18	1.00 / -0.34	DAY	471.7600	-159.22

Prod. per Day: 400.00 Day Lgth: 8.00 Hrs Req: 2.70 Lbr Typ: Standard Man. Hrs.: -5.40
 Work. Comp. 6220 4.28% Days Req: 0.34 Man Hrs Per LF 0.040000
 Work Type:

	Material	Labor	Equipment	Other	Subcontractor	Plug	Truck
Unit Cost:		2.87	1.29				
Total Cost:		-387.69	-174.02				

02	Place Irrigation Pipe	-135.00	LF	0.0000	-392.52
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E 1 Ton Utility Truck	RRH17	1.00 / -0.25	DAY	132.0000	-33.00
L Pipe Layer Group 1	L2/O1H18	2.00 / -0.25	DAY	474.0800	-237.04
L Labor Foreman Group 1	L2/O1H18	1.00 / -0.25	DAY	489.9200	-122.48

Prod. per Day: 540.00 Day Lgth: 8.00 Hrs Req: 2.00 Lbr Typ: Standard Man. Hrs.: -6.00
 Work. Comp. 6220 4.28% Days Req: 0.25 Man Hrs Per LF 0.044444
 Work Type:

	Material	Labor	Equipment	Other	Subcontractor	Plug	Truck
Unit Cost:		2.66	0.24				
Total Cost:		-359.52	-33.00				

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

03	Backfill Trench	-135.00 LF	0.0000	-705.14
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E Cat 277 Track Skidsteer	RRH17	1.00 / -0.25	DAY	354.0000	-88.50
E 4000 Gal Water Truck	RRH17	1.00 / -0.25	DAY	787.0400	-196.76
L Operator Foreman	L2/O1H18	1.00 / -0.25	DAY	676.9600	-169.24
L Water Truck Driver Group 2	L2/O1H18	1.00 / -0.25	DAY	530.8000	-132.70
L General Labor Group 3	L2/O1H18	1.00 / -0.25	DAY	471.7600	-117.94

Prod. per Day: 540.00	Day Lgth: 8.00	Hrs Req: 2.00	Lbr Typ: Standard	Man. Hrs.: -6.00		
Work. Comp. 6220	4.28%	Days Req: 0.25	Man Hrs Per LF	0.044444		
Work Type:						
<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	3.11	2.11				
Total Cost:	-419.88	-285.26				

02	Install Irrigation	-135.00 LF	0.0000	-1,659.37
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost	
<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	8.65	3.65				
Total Cost:	-1,167.09	-492.28				

03	Place Gate Valve And Box	-1.00 EA	0.0000	-197.61
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E 1 Ton Utility Truck	RRH17	1.00 / -0.13	DAY	132.0000	-16.50
L Pipe Layer Group 1	L2/O1H18	1.00 / -0.13	DAY	482.9600	-60.37
E Cat 305 Excavator	RRH17	1.00 / -0.13	DAY	312.2400	-39.03
L Excavator Operator Group 3	L2/O1H18	1.00 / -0.13	DAY	653.6800	-81.71

Prod. per Day: 8.00	Day Lgth: 8.00	Hrs Req: 1.00	Lbr Typ: Standard	Man. Hrs.: -2.00		
Work. Comp. 6220	4.28%	Days Req: 0.13	Man Hrs Per EA	2.000000		
Work Type:						
<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	142.08	55.53				
Total Cost:	-142.08	-55.53				

04	Place Control Valve And Box	-1.00 EA	0.0000	-200.42
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E 1 Ton Utility Truck	RRH17	1.00 / -0.13	DAY	132.0000	-16.50
L Pipe Layer Group 1	L2/O1H18	1.00 / -0.13	DAY	482.9600	-60.37
E Cat 305 Excavator	RRH17	1.00 / -0.13	DAY	312.2400	-39.03
L Excavator Operator Group 3	L2/O1H18	1.00 / -0.13	DAY	676.1600	-84.52

Prod. per Day: 8.00	Day Lgth: 8.00	Hrs Req: 1.00	Lbr Typ: Standard	Man. Hrs.: -2.00		
Work. Comp. 6220	4.28%	Days Req: 0.13	Man Hrs Per EA	2.000000		
Work Type:						
<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	144.89	55.53				
Total Cost:	-144.89	-55.53				

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

05	Install Root Barrier	-80.00 LF	0.0000	-234.64
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
L General Labor Group 3	L2/O1H18	2.00 / -0.25	DAY	469.2800	-234.64

Prod. per Day: 320.00	Day Lgth: 8.00	Hrs Req: 2.00	Lbr Typ: Standard	Man. Hrs.: -4.00		
Work. Comp. 6220	4.28%	Days Req: 0.25	Man Hrs Per LF	0.050000		
Work Type:						
<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	2.93					
Total Cost:	-234.64					

01	Irrigation Credit	-80.00 LS	0.0000	-3,235.36
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<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	943.32	1,688.70	603.34			
Total Cost:	-943.32	-1,688.70	-603.34			



Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Bid-Item	Description	Quantity	UM	Unit Cost	Total Cost
02	Additional 24" Box Trees	2.00	EA	1,424.3000	2,848.60

1	Buy Trees And Materials	2.00	EA	368.3800	736.76
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
M Tree Stakes	L2/O1H18	8.00	EA	5.7500	49.34
M Tree Ties	L2/O1H18	8.00	EA	0.6200	5.32
M Top Soil	L2/O1H18	4.00	CY	5.0000	21.45
M 24" Box Tree	L2/O1H18	2.00	EA	250.0000	536.25
M Soil Amendments	L2/O1H18	4.00	CY	29.0000	124.41

Prod. per Day:	Day Lgth: 8.00	Hrs Req:	Lbr Typ: Standard	Man. Hrs.:
Work. Comp. 6220	4.28%	Days Req:	Man Hrs Per EA	0.000000
Work Type:				

	Material	Labor	Equipment	Other	Subcontractor	Plug	Truck
Unit Cost:	368.38						
Total Cost:	736.76						

2	Dig Holes	2.00	EA	294.5100	589.02
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
L Operator Foreman	L2/O1H18	1.00 / 0.25	DAY	673.2000	168.30
L Backhoe Operator Group 3	L2/O1H18	1.00 / 0.25	DAY	653.6800	163.42
E Cat 420 Backhoe	RRH17	1.00 / 0.25	DAY	431.6800	107.92
E 1 Ton Utility Truck	RRH17	1.00 / 0.25	DAY	132.0000	33.00
L General Labor Group 3	L2/O1H18	1.00 / 0.25	DAY	465.5200	116.38

Prod. per Day: 8.00	Day Lgth: 8.00	Hrs Req: 2.00	Lbr Typ: Standard	Man. Hrs.: 6.00
Work. Comp. 6220	4.28%	Days Req: 0.25	Man Hrs Per EA	3.000000
Work Type:				

	Material	Labor	Equipment	Other	Subcontractor	Plug	Truck
Unit Cost:		224.05	70.46				
Total Cost:		448.10	140.92				

3	Stage Trees	2.00	EA	294.9800	589.96
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E Cat 420 Backhoe	RRH17	1.00 / 0.25	DAY	431.6800	107.92
L Operator Foreman	L2/O1H18	1.00 / 0.25	DAY	673.2000	168.30
L General Labor Group 3	L2/O1H18	1.00 / 0.25	DAY	469.2800	117.32
E 1 Ton Utility Truck	RRH17	1.00 / 0.25	DAY	132.0000	33.00
L Backhoe Operator Group 3	L2/O1H18	1.00 / 0.25	DAY	653.6800	163.42

Prod. per Day: 8.00	Day Lgth: 8.00	Hrs Req: 2.00	Lbr Typ: Standard	Man. Hrs.: 6.00
Work. Comp. 6220	4.28%	Days Req: 0.25	Man Hrs Per EA	3.000000
Work Type:				

	Material	Labor	Equipment	Other	Subcontractor	Plug	Truck
Unit Cost:		224.52	70.46				
Total Cost:		449.04	140.92				

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

4	Plant Trees		2.00 EA		349.1100	698.22
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E Cat 420 Backhoe	RRH17	1.00 / 0.25	DAY	431.6800	107.92
E 2500 Gal Water Truck	RRH17	1.00 / 0.25	DAY	433.0400	108.26
E 1 Ton Utility Truck	RRH17	1.00 / 0.25	DAY	132.0000	33.00
L General Labor Group 3	L2/O1H18	1.00 / 0.25	DAY	469.2800	117.32
L Operator Foreman	L2/O1H18	1.00 / 0.25	DAY	673.2000	168.30
L Backhoe Operator Group 3	L2/O1H18	1.00 / 0.25	DAY	653.6800	163.42

Prod. per Day: 8.00	Day Lgth: 8.00	Hrs Req: 2.00	Lbr Typ: Standard	Man. Hrs.: 6.00
Work. Comp. 6220	4.28%	Days Req: 0.25	Man Hrs Per EA	3.000000
Work Type:				

	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:		224.52	124.59				
Total Cost:		449.04	249.18				

5	Stake Trees		2.00 EA		117.3200	234.64
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
L General Labor Group 3	L2/O1H18	2.00 / 0.25	DAY	469.2800	234.64

Prod. per Day: 8.00	Day Lgth: 8.00	Hrs Req: 2.00	Lbr Typ: Standard	Man. Hrs.: 4.00
Work. Comp. 6220	4.28%	Days Req: 0.25	Man Hrs Per EA	2.000000
Work Type:				

	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:		117.32					
Total Cost:		234.64					

02	Additional 24" Box Trees		2.00 EA		1,424.3000	2,848.60
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	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	368.38	790.41	265.51				
Total Cost:	736.76	1,580.82	531.02				

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Bid-Item	Description	Quantity	UM	Unit Cost	Total Cost
03	Additional AB/AC At Tree Wells Fill In - Material Only	1.00	LS	477.8700	477.87

01	Buy And Haul AB	12.00	TON	15.7783	189.34
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
M 3/4" Class II Aggregate Base	L2/O1H18	12.00	TN	10.0500	129.34
T Agg Base Haul Transfers	L2/O1H18	12.00	TON	5.0000	60.00

Prod. per Day:	Day Lgth: 8.00	Hrs Req:	Lbr Typ: Standard	Man. Hrs.:			
Work. Comp. 6220	4.28%	Days Req:	Man Hrs Per TON	0.000000			
Work Type:							
	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	10.78						5.00
Total Cost:	129.34						60.00

02	Buy And Haul AC	4.00	TON	72.1325	288.53
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02	Buy And Haul AC	4.00	TON	72.1325	288.53
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Description	Area	Quantity/Hours	UM	Unit Cost	Total Cost
M 1/2" PG 64-10 HMA	L2/O1H18	4.00	TN	57.0000	244.53
T Transfers Hourly	L2/O1H18	1.00 /	0.40 HR	110.0000	44.00

Prod. per Hr:	Day Lgth: 8.00	Hrs Req:	Lbr Typ: Standard	Man. Hrs.:			
Work. Comp. 6220	4.28%	Days Req:	Man Hrs Per TON	0.000000			
Work Type:							
	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	61.13						11.00
Total Cost:	244.53						44.00

02	Buy And Haul AC	4.00	TON	72.1325	288.53
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	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	61.13						11.00
Total Cost:	244.53						44.00

03	Additional AB/AC At Tree Wells Fill In - Material Only	4.00	LS	477.8700	477.87
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	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	373.87						104.00
Total Cost:	373.87						104.00

Murdock Elementary School - Relocatable Buildings

RFI NO.

15

Architect's Project #17-1317
DSA File/Appl. #11-35 / 02-116649

Date: 6/20/2018

1. REQUEST FOR INFORMATION

To: Rainforth Grau Architects
2407 J Street; Suite 300
Sacramento, CA 95816

From: Contractor: R & R Horn, Inc.
Contact: Trevor Thomas

Attn.: Jeff Juarez

Sub Contractor: _____

Contact: _____

Reference: _____
Dwg./Document No.: L2.1 Rev.: _____ Title: Landscape and Irrigation Plan

Location: _____ Elevation: _____

2. Existing Condition:

This RFI is to confirm per discussion with WUSD to eliminate the trees, tree wells and associated irrigation in the pavement area west of unit P3. WUSD has requested 4 total trees to be planted near the new basketball courts at a location identified by WUSD. Per WUSD an existing, but unused, irrigation line is available to tie into, if necessary, to install tree bubblers. The tree well areas would be paved back with the rest of that AC section.

3. Recommended Action(s):

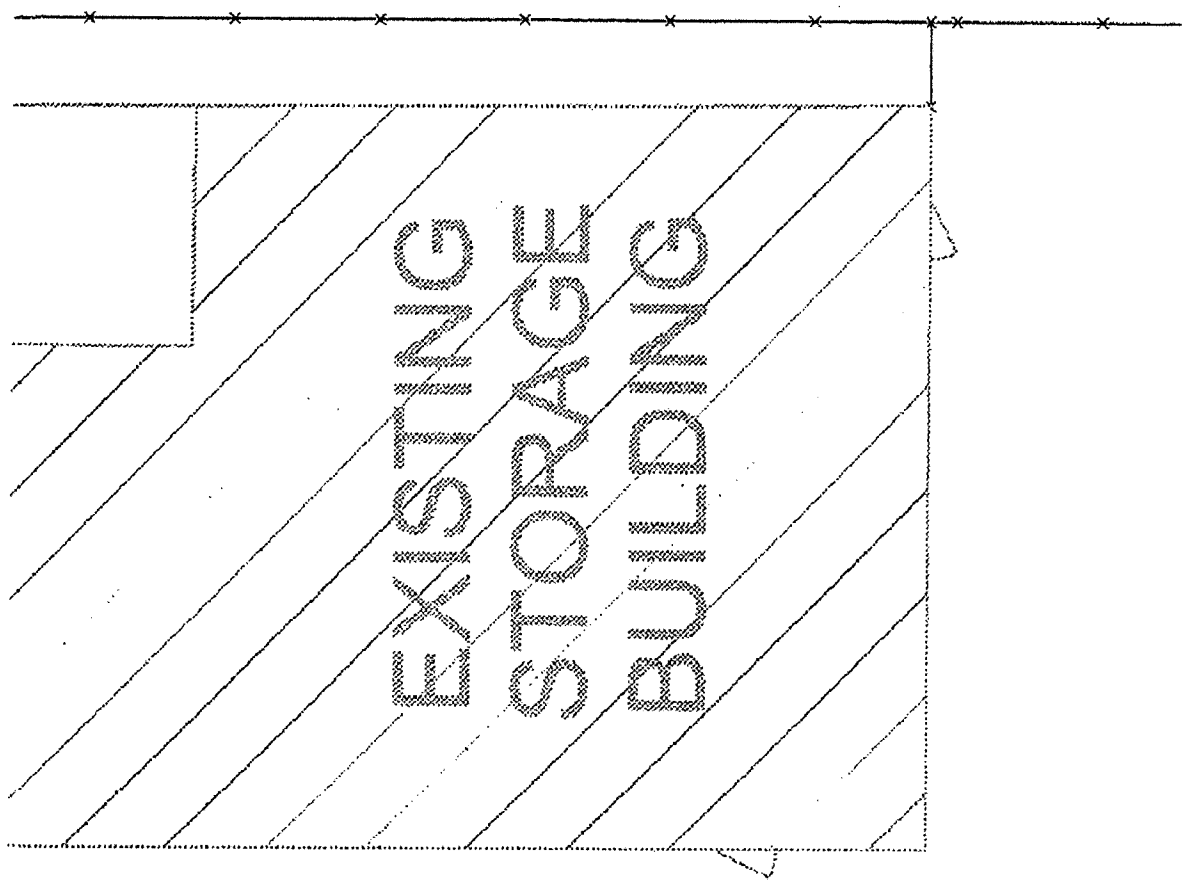
4. Project Inspector Acknowledgment: *Date Reviewed:* _____ *Comments:* _____

5. Owner / A/E Resolution(s):

Confirmed. Provide itemized costs and deduction for architect and owners review.
Jeff Juarez
RGA

Date of Response: _____ *By:* _____

Attachments: _____
Extra Work Involved in the Above Described Change – Yes: _____ *No:* _____
Distribution: GC/CM: _____ *Consultant:* _____
District: _____ *Other:* _____
PI: _____ *File:* _____



EXISTING
STORAGE
BUILDING



R&R Horn, Inc.

PO Box 6697, Chico, CA 95973 PHONE: (530) 342-8655 FAX: (530) 892-1324

CHANGE ORDER REQUEST

TO: Willows Unified School District
 823 Laurel St.
 Willows, CA 95988

COR # COR #010

DATE: 08/01/18

PROJECT: Murdock Elem/WIS Sitework

JOB # 18002

ATTN: Mort Geivett

We submit for your approval the following cost estimate of changes in work as follows:
Murdock - Reset Posts at Bus Zone

This change was requested by: RFI #16 Response

ITEM	ENCL. #	LABOR	MTL/EQUIP	SUBS/TRUCKING	TOTAL
R&R Horn, Inc					\$ -
					\$ -
Reset Existing Fence Posts at Bus Zone		\$ 708.00	\$ 288.94		\$ 996.94
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
		\$ 708.00	\$ 288.94	\$ -	\$ 996.94
Sub Markup	5%				\$ -
Labor and Material Markup	15%				\$ 149.54
				SUBTOTAL	\$ 1,146.48
Bonds and Insurance	0%				\$ -
					\$ 1,146.48
TOTAL AMOUNT FOR CHANGE PROPOSAL					\$ 1,146
TIME EXTENSION REQUIRED FOR THIS CHANGE					TBD

(WORKING DAYS)

We have proceeded with this change, and work orders have been sent to the subcontractors, in accordance with

We will not proceed with this change until receipt of a signed copy of this proposal. This proposal must be accepted by _____

APPROVED: _____

R&R Horn, Inc.

DATE: _____

BY: Trevor Thomas

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Bid-Item	Description	Quantity UM	Material Cost	Labor Cost	Equipment Cost	Subcontract Cost	Other Cost	Plug Cost	Trucking Cost	Unit Cost	Total Cost
COR 10											
01	Remove And Reset Existing Posts For 4' Fence	5.00EA	187.69	708.00	101.25	0.00	0.00	0.00	0.00	199.3880	996.94
			\$187.69	\$708.00	\$101.25						\$996.94

(Completed Item) (Zero Total Cost)



7/30/2018
2:41PM

R & R Horn Contractors, Inc.
Item Cost Detail

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Group: COR 10 Reset Posts At Bus Zone

Bid-Item	Description	Quantity	UM	Unit Cost	Total Cost
01	Remove And Reset Existing Posts For 4' Fence	5.00	EA	199.3880	996.94

Description	Area	Quantity/Hours	UM	Unit Cost	Total Cost
E 1 Ton Utility Truck	RRH17	5.00 / 1.00	HR	20.2500	101.25
L Operator Foreman	L2/O1H18	5.00 / 1.00	HR	83.4100	417.05
L General Labor Group 3	L2/O1H18	5.00 / 1.00	HR	58.1900	290.95
M Yard Load Of Concrete	L2/O1H18	1.00	CY	175.0000	187.69

Prod. per Hr: 5.00 Day Lgth: 1.00 Hrs Req: 1.00 Lbr Typ: Standard Man. Hrs.: 10.00
 Work. Comp. 6220 4.28% Days Req: 1.00 Man Hrs Per EA 2.000000
 Work Type:

	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	37.54	141.60	20.25				
Total Cost:	187.69	708.00	101.25				



Architect's Project #17-1317
DSA File/Apl. #11-35 / 02-116649

Date: 6/20/201

1. REQUEST FOR INFORMATION

To: Rainforth Grau Architects
2407 J Street; Suite 300
Sacramento, CA 95816

From: Contractor: R & R Horn, Inc.
Contact: Trevor Thomas

Attn.: Jeff Juarez

Sub Contractor: _____

Contact: _____

Reference: _____
Dwg./Document No.: C1.1/A1.2.2 Rev.: _____ Title: emolition lan

Location: _____ Elevation: _____

2. Existing Condition:

Some of the existing posts are not set in concrete or secure. The edge of walk/curb as staked is not square to the existing poles and varies along length (up to a foot). Further - per the detail 9/A1.3.1 some of the posts would ultimately be in the curb or sidewalk with a 6' wide walk as called out on A1.2.2 and others on the very edge.

3. Recommended Action(s):

Remove existing posts. Set new posts in curb as poured - restring existing fabric.

4. Project Inspector Acknowledgment: Date Reviewed: _____ Comments: _____

5. Owner / A/E Resolution(s):

Per the on-site discussion of 6/21/18,
Square the edge of the curb location by providing a straight line/edge at 6" to 9" behind the poles coordinating with the fence poles footings.
For the existing poles not set in concrete, remove the poles and provide a 9" to 12" diameter footing. Depth to be a minimum of 24". Provide an itemized cost breakdown for the work involved with the existing poles not in a footing.

Jeff Juarez
RGA

Attachments: _____
Extra Work Involved in the Above Described Change – Yes: _____ No: _____
Distribution: GC/CM: _____ Consultant: _____
District: _____ Other: _____
PI: _____ File: _____

NOTES

UNUSUAL CONDITIONS NOT COVERED BY THE REPORT OR ARE ENCOUNTERED DURING CONSTRUCTION SHALL BE REPORTED TO THE MECHANICAL ENGINEER AND THE ARCHITECT FOR DIRECTION.

ALL WORK SHALL BE PERMITTED.

ALL MATERIALS TO BE REMOVED SHALL BE SHOWN ON THE GRADING, EROSION CONTROL, AND THOSE PLANS PREPARED BY OTHER CONTRACTORS.

ALL MATERIALS TO BE REMOVED SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, APPROVED FACILITY.

ALL MATERIALS TO BE REMOVED SHALL BE RECYCLED IF POSSIBLE.

ALL MATERIALS TO BE REMOVED AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES SHALL BE SHOWN ON THE GRADING, EROSION CONTROL, AND THOSE PLANS PREPARED BY OTHER CONTRACTORS. PLANS WERE OBTAINED FROM SOURCES OF VARYING ACCURACY. CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF UTILITIES SHALL BE SHOWN ON THE GRADING, EROSION CONTROL, AND THOSE PLANS PREPARED BY OTHER CONTRACTORS. A REASONABLE EFFORT HAS BEEN MADE TO OBTAIN ALL KNOWN UNDERGROUND UTILITIES.

ALL MATERIALS TO BE REMOVED SHALL BE RECYCLED IF POSSIBLE.

LEVEL LANE
MIN. 5'-0" X W
1.9% MAX S
DIRECTION



R&R Horn, Inc.

PO Box 6697, Chico, CA 95973 PHONE: (530) 342-8655 FAX: (530) 892-1324

CHANGE ORDER REQUEST

TO: Willows Unified School District
823 Laurel St.
Willows, CA 95988

COR # Extra #011.R1

DATE: 06/29/18

PROJECT: Murdock Elem/WIS Sitework

JOB # 18002

ATTN: Morf Geivett

We submit for your approval the following cost estimate of changes in work as follows:

Cost associated with additional excavation and aggregate base for increased structural section in all asphalt concrete areas.

This change was requested by: CCD #2 issued by RGA

ITEM	ENCL. #	LABOR	MTL/EQUIP	SUBS/TRUCKING	TOTAL
R&R Horn, Inc					\$ -
					\$ -
Additional Excavation		\$ 8,459.88	\$ 6,079.20	\$ 5,445.00	\$ 19,984.08
Additional Aggregate Base		\$ 11,502.16	\$ 28,557.71	\$ 9,405.00	\$ 49,464.87
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
		\$ 19,962.04	\$ 34,636.91	\$ 14,850.00	\$ 69,448.95

Sub Markup	5%				\$ 742.50
Labor and Material Markup	15%				\$ 8,189.84
				SUBTOTAL	\$ 78,381.29
Bonds and Insurance	0%				\$ -
					\$ 78,381.29
TOTAL AMOUNT FOR CHANGE PROPOSAL					\$ 78,381
TIME EXTENSION REQUIRED FOR THIS CHANGE					TBD

(WORKING DAYS)

We have proceeded with this change, and work orders have been sent to the subcontractors, in accordance with

We will not proceed with this change until receipt of a signed copy of this proposal. This proposal must be accepted by _____

APPROVED: _____

R&R Horn, Inc.

DATE: _____

BY: Trevor Thomas

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Bid-Item	Description	Quantity UM	Material Cost	Labor Cost	Equipment Cost	Subcontract Cost	Other Cost	Plug Cost	Trucking Cost	Unit Cost	Total Cost
COR 3											
01	Additional Excavation	845.00CY	0.00	8,459.88	6,079.20	0.00	0.00	0.00	5,445.00	23.6498	19,984.08
02	Additional Aggregate Base	1,881.00TON	20,274.59	11,502.16	8,283.12	0.00	0.00	0.00	9,405.00	26.2971	49,464.87
			\$20,274.59	\$19,962.04	\$14,362.32				\$14,850.00	\$69,448.95	

(Completed Item) (Zero Total Cost)



Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Group: COR 3 Changed Structural Section CCD 002

Bid-Item	Description	Quantity	UM	Unit Cost	Total Cost
01	Additional Excavation	845.00	CY	23.6498	19,984.08
01	Cut To Load Out	860.00	CY	10.0697	8,659.92

Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E Hitachi 330 Excavator	RRH17	1.00 / 1.50	DAY	755.0400	1,132.56
E 4000 Gal Water Truck	RRH17	1.00 / 1.50	DAY	787.0400	1,180.56
E 1 Ton Utility Truck	RRH17	1.00 / 1.50	DAY	132.0000	198.00
L Operator Foreman	L2/O1H18	1.00 / 1.50	DAY	673.2000	1,009.80
L Water Truck Driver Group 2	L2/O1H18	1.00 / 1.50	DAY	528.1600	792.24
E Cat 160H	RRH17	1.00 / 1.50	DAY	727.0400	1,090.56
L Support Blade Operator Group 4	L2/O1H18	1.00 / 1.50	DAY	641.3600	962.04
E Skip Loader / Float Tractor	RRH17	1.00 / 1.50	DAY	241.3600	362.04
L Gradesetter Operator Group 4	L2/O1H18	1.00 / 1.50	DAY	646.7200	970.08
L Loader Operator Group 4	L2/O1H18	1.00 / 1.50	DAY	641.3600	962.04

Prod. per Day: 573.33 Day Lgth: 8.00 Hrs Req: 12.00 Lbr Typ: Standard Man. Hrs.: 60.00
 Work. Comp. 6220 4.28% Days Req: 1.50 Man Hrs Per CY 0.069767
 Work Type:

	Material	Labor	Equipment	Other	Subcontractor	Plug	Truck
Unit Cost:		5.46	4.61				
Total Cost:		4,696.20	3,963.72				

02	Extra Time To Trim Out Tight Areas Near Existing Surfaces	1.00	DAY	3,690.4800	3,690.48
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E Skip Loader / Float Tractor	RRH17	1.00 / 1.00	DAY	241.3600	241.36
E 4000 Gal Water Truck	RRH17	0.50 / 1.00	DAY	787.0400	393.52
E Pick Up Truck	RRH17	1.00 / 1.00	DAY	117.2000	117.20
L Operator Foreman	L2/O1H18	1.00 / 1.00	DAY	673.2000	673.20
L Loader Operator Group 4	L2/O1H18	1.00 / 1.00	DAY	646.7200	646.72
E Cat 305 Excavator	RRH17	1.00 / 1.00	DAY	312.2400	312.24
L Excavator Operator Group 3	L2/O1H18	1.00 / 1.00	DAY	659.5200	659.52
L Gradesetter Operator Group 4	L2/O1H18	1.00 / 1.00	DAY	646.7200	646.72

Prod. per Day: 1.00 Day Lgth: 8.00 Hrs Req: 8.00 Lbr Typ: Standard Man. Hrs.: 32.00
 Work. Comp. 6220 4.28% Days Req: 1.00 Man Hrs Per DAY 32.000000
 Work Type:

	Material	Labor	Equipment	Other	Subcontractor	Plug	Truck
Unit Cost:		2,626.16	1,064.32				
Total Cost:		2,626.16	1,064.32				

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

03	Export Earthwork Spoils	860.00	CY	6.3314	5,445.00
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Description	Area	Quantity/Hours	UM	Unit Cost	Total Cost
T End Dump Truck Hour	L2/O1H18	66.00 /	0.75 HR	110.0000	5,445.00

Prod. per Hr:	Day Lgth: 8.00	Hrs Req:	Lbr Typ: Standard	Man. Hrs.:			
Work. Comp. 6220	4.28%	Days Req:	Man Hrs Per CY	0.000000			
Work Type:	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:							6.33
Total Cost:							5,445.00

04	Additional Time To Trim Different Elevations In Parking Lot	0.50	DAY	4,377.3600	2,188.68
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E Cat 160H	RRH17	1.00 /	0.50 DAY	727.0400	363.52
E 12 Ton Vibratory Roller	RRH17	1.00 /	0.50 DAY	471.0400	235.52
E 4000 Gal Water Truck	RRH17	1.00 /	0.50 DAY	787.0400	393.52
E Pick Up Truck	RRH17	1.00 /	0.50 DAY	117.2000	58.60
L Operator Foreman	L2/O1H18	1.00 /	0.50 DAY	673.2000	336.60
L Roller Operator Group 7	L2/O1H18	1.00 /	0.50 DAY	612.1600	306.08
L Water Truck Driver Group 2	L2/O1H18	1.00 /	0.50 DAY	524.1600	262.08
L General Labor Group 3	L2/O1H18	1.00 /	0.50 DAY	465.5200	232.76

Prod. per Day: 1.00	Day Lgth: 8.00	Hrs Req: 4.00	Lbr Typ: Standard	Man. Hrs.: 16.00			
Work. Comp. 6220	4.28%	Days Req: 0.50	Man Hrs Per DAY	32.000000			
Work Type:	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:		2,275.04	2,102.32				
Total Cost:		1,137.52	1,051.16				

01	Additional Excavation	0.50	CY	23.6498	19,984.08
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Unit Cost:	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
		10.01	7.19				6.44
Total Cost:		8,459.88	6,079.20				5,445.00

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Bid-Item	Description	Quantity	UM	Unit Cost	Total Cost
02	Additional Aggregate Base	1,881.00	TON	26.2971	49,464.87

01	Buy And Haul AB	1,881.00	TON	15.7786	29,679.59
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
M 3/4" Class II Aggregate Base	L2/O1H18	1,881.00	TN	10.0500	20,274.59
T Agg Base Haul Transfers	L2/O1H18	1,881.00	TON	5.0000	9,405.00

Prod. per Day:	Day Lgth: 8.00	Hrs Req:	Lbr Typ: Standard	Man. Hrs.:			
Work. Comp. 6220	4.28%	Days Req:	Man Hrs Per TON	0.000000			
Work Type:							
	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	10.78						5.00
Total Cost:	20,274.59						9,405.00

02	Bulk In AB	1,881.00	TON	8.4038	15,807.60
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
C Aggregate Base Bulk In	L2/O1H18	1.00		0.0000	0.00
E Cat 160H	RRH17	1.00 /	3.00 DAY	727.0400	2,181.12
E 12 Ton Vibratory Roller	RRH17	1.00 /	3.00 DAY	471.0400	1,413.12
E 4000 Gal Water Truck	RRH17	1.00 /	3.00 DAY	787.0400	2,361.12
E Skip Loader / Float Tractor	RRH17	1.00 /	3.00 DAY	241.3600	724.08
E Pick Up Truck	RRH17	1.00 /	3.00 DAY	117.2000	351.60
L Operator Foreman	L2/O1H18	1.00 /	3.00 DAY	673.2000	2,019.60
L Support Blade Operator Group 4	L2/O1H18	1.00 /	3.00 DAY	646.7200	1,940.16
L Water Truck Driver Group 2	L2/O1H18	1.00 /	3.00 DAY	524.1600	1,572.48
L Roller Operator Group 7	L2/O1H18	1.00 /	3.00 DAY	612.1600	1,836.48
L Dumpman Group 3	L2/O1H18	1.00 /	3.00 DAY	469.2800	1,407.84

Prod. per Day: 627.00	Day Lgth: 8.00	Hrs Req: 24.00	Lbr Typ: Standard	Man. Hrs.: 120.00			
Work. Comp. 6220	4.28%	Days Req: 3.00	Man Hrs Per TON	0.063796			
Work Type:							
	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:		4.67	3.74				
Total Cost:		8,776.56	7,031.04				

04	Additional Time To Place AB In Narrow Tight Areas	1.00	DAY	3,977.6800	3,977.68
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E Cat 277 Track Skidsteer	RRH17	1.00 /	1.00 DAY	354.0000	354.00
E Ingersol-Rand DD24 Roller	RRH17	1.00 /	1.00 DAY	293.0400	293.04
E 2500 Gal Water Truck	RRH17	1.00 /	1.00 DAY	433.0400	433.04
E Spectra Physics 945 Single Plane Laser	RRH17	1.00 /	1.00 DAY	40.0000	40.00
E 1 Ton Utility Truck	RRH17	1.00 /	1.00 DAY	132.0000	132.00
L Loader Operator Group 4	L2/O1H18	1.00 /	1.00 DAY	646.7200	646.72
L Water Truck Driver Group 2	L2/O1H18	1.00 /	1.00 DAY	528.1600	528.16

6/29/2018
1:41PM

R & R Horn Contractors, Inc.
Item Cost Detail

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

L Roller Operator Group 7	L2/O1H18	1.00 /	1.00 DAY	612.1600	612.16
L General Labor Group 3	L2/O1H18	2.00 /	1.00 DAY	469.2800	938.56

Prod. per Day: 1.00	Day Lgth: 8.00	Hrs Req: 8.00	Lbr Typ: Standard	Man. Hrs.: 40.00
Work. Comp. 6220	4.28%	Days Req: 1.00	Man Hrs Per DAY	40.000000
Work Type:				

	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:		2,725.60	1,252.08				
Total Cost:		2,725.60	1,252.08				

02	Additional Aggregate Base		1.00 TON	26.2971	49,464.87
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	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	10.78	6.11	4.40				5.00
Total Cost:	20,274.59	11,502.16	8,283.12				9,405.00





CONSTRUCTION CHANGE DOCUMENT 002

Reference: C4.1, Paving Section Requirements

Project Name: Murdock Elementary School Relocatables
 Owner: Willows Unified School District
 Contractor: McCuen Construction Inc.
 Inspector: David Lussier
 Architect's Project No.: 17-1293
 DSA File/Application No.: 02-116649

Date of Instruction: June 22, 2018

The work shall be carried out in accordance with the following Supplemental Instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time, unless noted hereafter. Contractor has five (5) calendar days from issuance of these Instructions to appeal, through the Architect, for terms of a Change Order or relief from these Instructions.

Description:

The paving section, Type 1, as noted on sheet C4.1 is incorrect. The attached sheets, CCD 002- C4.1A and CCD 002-C4.1B provide the correct paving section.

Cost Impact:

Please provide itemized change in credit as required by the Contract Documents for Owner and Architect review.

Cost approval required prior to the performance of this work Yes No
 DSA approval required prior to the performance of this work Yes No
 (Attach DSA-140, Category A)

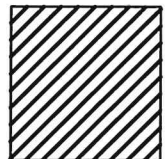
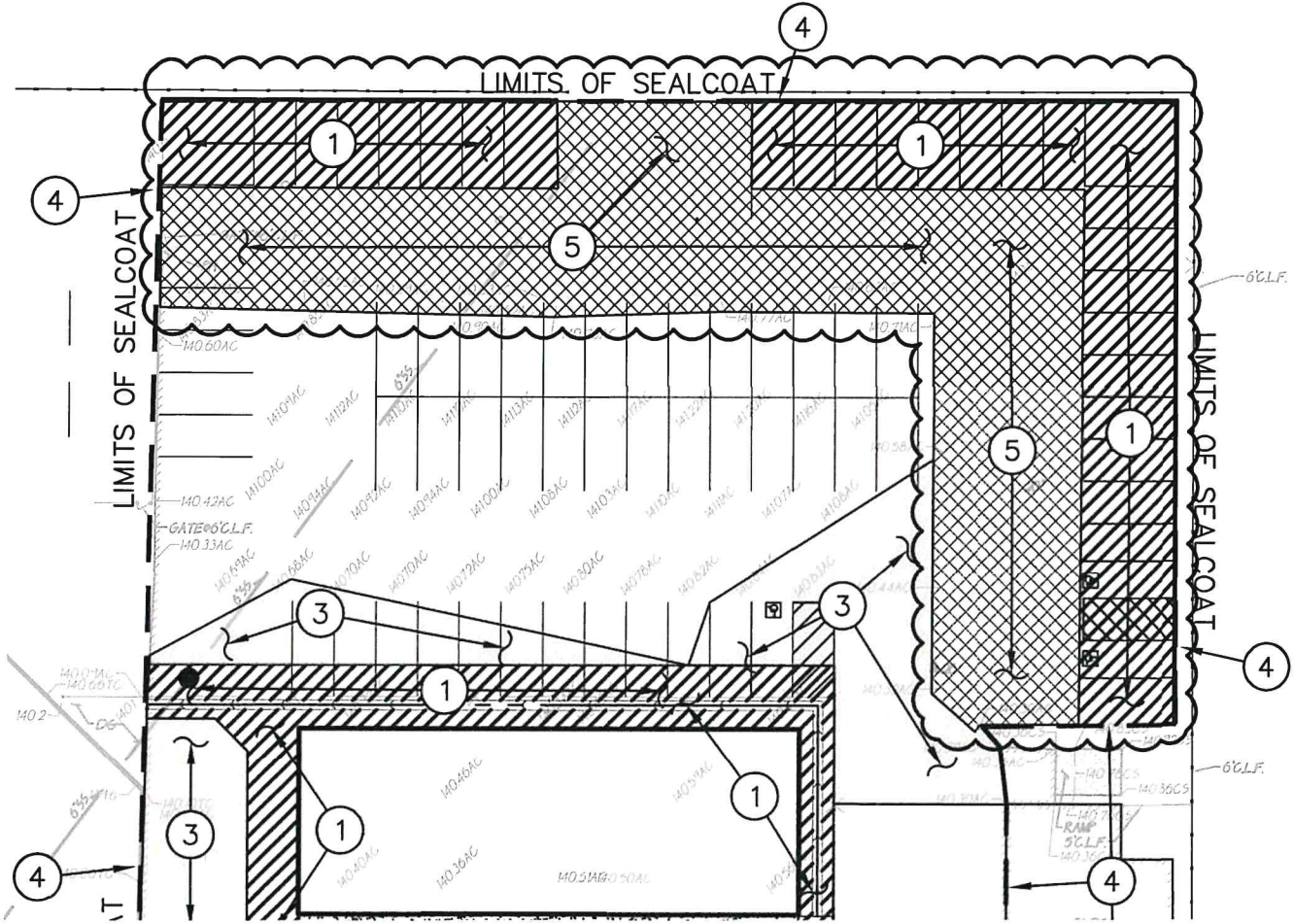
i:\1317 murdock es - relocatable bldgs\6.08 ccd\ccd 002\ccd002 paving section requirements.docx

Attachment(s): CCD002-C4.1A, CCD002-C4.1B

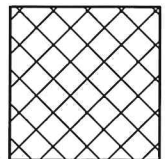
Issued By: Jeffrey J. Juarez, RGA

Copies: Mort Geivett, WUSD
 David Lussier, PI
 Trevor Thomas, R&R Horn
 Joe Hill, RGA
 Marty Gee, WCE

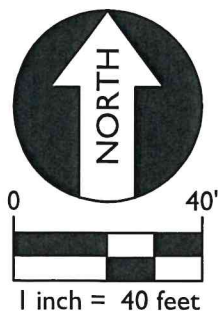
Steve Permann, WUSD
 Mike Gorman, R&R Horn
 Chris Lovin, RGA
 Greg Ventura WCE



① TYPE 1 PAVING
 PLACE 3" AC OVER 9" CLASS II AB ON SUBGRADE
 COMPACTED PER SPECIFICATIONS.



⑤ TYPE 1 PAVING
 PLACE 3" AC OVER 14" CLASS II AB ON SUBGRADE
 COMPACTED PER SPECIFICATIONS.



WARREN CONSULTING ENGINEERS, INC.
 1117 WINDFIELD WAY, SUITE 110
 EL DORADO HILLS, CA 95762 | (916) 985-1870

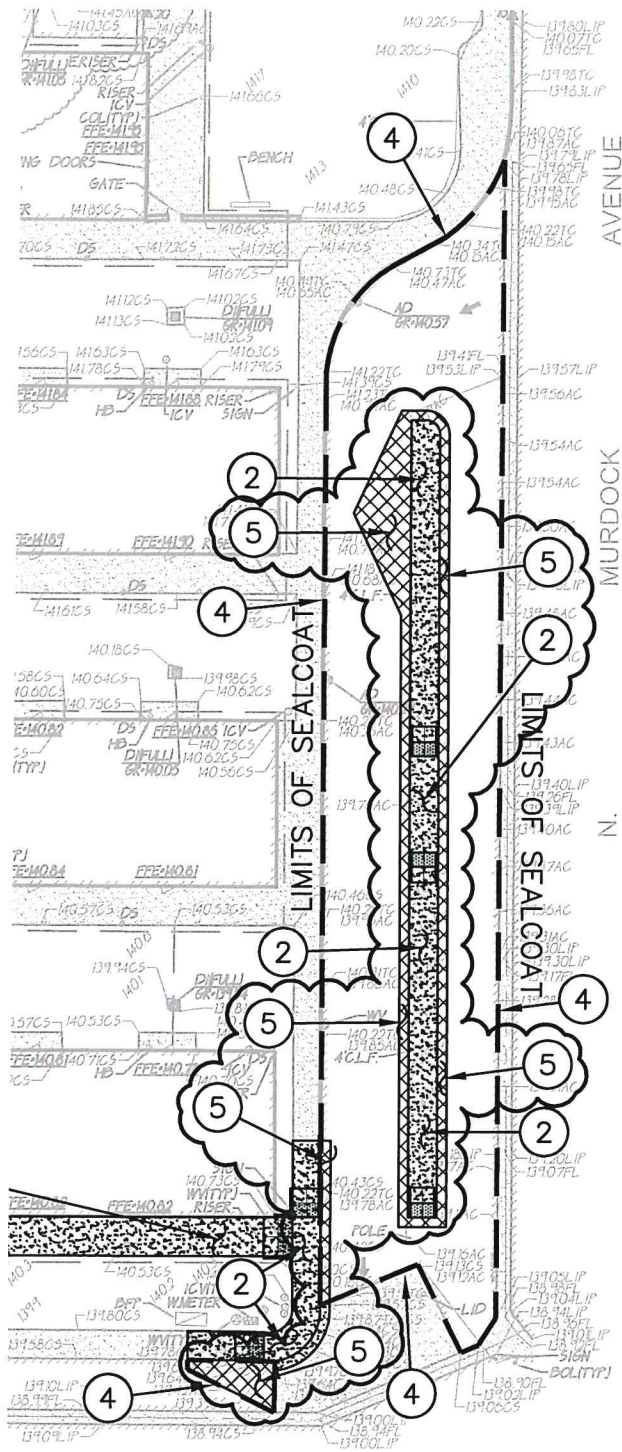
ALL FEATURES, NOTES and DIMENSIONS NOT SPECIFICALLY SHOWN OR NOTED
 AS CHANGED SHALL REMAIN AS SHOWN ON PREVIOUSLY ISSUED DOCUMENTS.

17-138 C4.1A

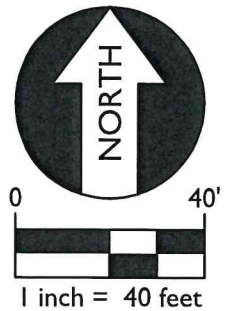


2407 J Street, Suite 300, Sacramento, CA 95816 | 916.368.7990

PAVING PLAN	C4.1	DATE: 06/5/18
MURDOCK ELEMENTARY SCHOOL		PROJECT NO. 2017-1317
WILLOWS UNIFIED SCHOOL DISTRICT		SHEET
WILLOWS, CA		CCD002-C4.1A



STREET



WARREN CONSULTING ENGINEERS, INC.
 1117 WINDFIELD WAY, SUITE 110
 EL DORADO HILLS, CA 95762 | (916) 985-1870

ALL FEATURES, NOTES and DIMENSIONS NOT SPECIFICALLY SHOWN OR NOTED AS CHANGED SHALL REMAIN AS SHOWN ON PREVIOUSLY ISSUED DOCUMENTS.

17-138 C4.1B



2407 J Street, Suite 300, Sacramento, CA 95816 | 916.368.7990

PAVING PLAN

C4.1

DATE: 06/5/18

MURDOCK ELEMENTARY SCHOOL

**WILLOWS UNIFIED SCHOOL DISTRICT
 WILLOWS, CA**

PROJECT NO. 2017-1317

SHEET
CCD002-C4.1B



R&R Horn, Inc.

PO Box 6697, Chico, CA 95973 PHONE: (530) 342-8655 FAX: (530) 892-1324

CHANGE ORDER REQUEST

TO: Willows Unified School District
 823 Laurel St.
 Willows, CA 95988

COR # COR #016

DATE: 08/01/18
 PROJECT: Murdock Elem/WIS Sitework
 JOB # 18002

ATTN: Mort Geivett

We submit for your approval the following cost estimate of changes in work as follows:
 Murdock - Furnish and Install new door thresholds

This change was requested by: RFI #026

ITEM	ENCL. #	LABOR	MTL/EQUIP	SUBS/TRUCKING	TOTAL
R&R Horn, Inc					\$ -
					\$ -
Furnish and Install New Door Thresholds		\$ 1,085.60	\$ 786.43		\$ 1,872.03
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
		\$ 1,085.60	\$ 786.43	\$ -	\$ 1,872.03
Sub Markup	5%				\$ -
Labor and Material Markup	15%				\$ 280.80
				SUBTOTAL	\$ 2,152.83
Bonds and Insurance	0%				\$ -
					\$ 2,152.83
TOTAL AMOUNT FOR CHANGE PROPOSAL					\$ 2,153
TIME EXTENSION REQUIRED FOR THIS CHANGE					TBD

(WORKING DAYS)

We have proceeded with this change, and work orders have been sent to the subcontractors, in accordance with

We will not proceed with this change until receipt of a signed copy of this proposal. This proposal must be accepted by _____

APPROVED: *[Signature]*
 DATE: 8/1/18

R&R Horn, Inc.
 BY: Trevor Thomas



R&R Horn, Inc.

PO Box 6697, Chico, CA 95973 PHONE: (530) 342-8655 FAX: (530) 892-1324

CHANGE ORDER REQUEST

TO: Willows Unified School District
 823 Laurel St.
 Willows, CA 95988

COR # COR #016

DATE: 08/01/18

PROJECT: Murdock Elem/WIS Sitework

JOB # 18002

ATTN: Mort Geivett

We submit for your approval the following cost estimate of changes in work as follows:
 Murdock - Furnish and Install new door thresholds

This change was requested by: RFI #026

ITEM	ENCL. #	LABOR	MTL/EQUIP	SUBS/TRUCKING	TOTAL
R&R Horn, Inc					\$ -
					\$ -
Furnish and Install New Door Thresholds		\$ 1,085.60	\$ 786.43		\$ 1,872.03
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
		\$ 1,085.60	\$ 786.43	\$ -	\$ 1,872.03
Sub Markup	5%				\$ -
Labor and Material Markup	15%				\$ 280.80
				SUBTOTAL	\$ 2,152.83
Bonds and Insurance	0%				\$ -
					\$ 2,152.83
TOTAL AMOUNT FOR CHANGE PROPOSAL					\$ 2,153
TIME EXTENSION REQUIRED FOR THIS CHANGE					TBD

(WORKING DAYS)

We have proceeded with this change, and work orders have been sent to the subcontractors, in accordance with

We will not proceed with this change until receipt of a signed copy of this proposal. This proposal must be accepted by _____

APPROVED: _____

R&R Horn, Inc.

DATE: _____

BY: Trevor Thomas

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Bid-Item	Description	Quantity UM	Material Cost	Labor Cost	Equipment Cost	Subcontract Cost	Other Cost	Plug Cost	Trucking Cost	Unit Cost	Total Cost
COR 16											
01	Furnish And Install New Door Thresholds	5.00EA	315.31	1,085.60	471.12	0.00	0.00	0.00	0.00	374.4060	1,872.03
			\$315.31	\$1,085.60	\$471.12						\$1,872.03

(Completed Item) (Zero Total Cost)



Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Group: COR 16 Door Threshold Modifications

Bid-Item	Description	Quantity	UM	Unit Cost	Total Cost
01	Furnish And Install New Door Thresholds	5.00	EA	374.4060	1,872.03

01	Buy Materials	1.00	LS	315.3100	315.31
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
M Misc Material		1.00 /	LS	274.0000	293.86
M 60# Bag Of Grout		2.00 /	EA	10.0000	21.45

Prod. per Day:	Day Lgth: 8.00	Hrs Req:	Lbr Typ: Standard	Man. Hrs.:			
Work. Comp. 6220	4.28%	Days Req:	Man Hrs Per LS	0.000000			
Work Type:							
	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	315.31						
Total Cost:	315.31						

02	Install Thresholds	1.00	LS	1,556.7200	1,556.72
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Description	Area	Quantity/Days	UM	Unit Cost	Total Cost
E 1 Ton Utility Truck	RRH17	1.00 /	1.00 DAY	162.0000	162.00
E 165 Air Compressor	RRH17	1.00 /	1.00 DAY	157.0400	157.04
E Portable Ventilation System	RRH17	1.00 /	1.00 DAY	152.0800	152.08
L Carpenter	L2/O1H18	1.00 /	1.00 DAY	617.7600	617.76
L Jackhammer Labor Group 1	L2/O1H18	1.00 /	1.00 DAY	467.8400	467.84

Prod. per Day: 1.00	Day Lgth: 8.00	Hrs Req: 8.00	Lbr Typ: Standard	Man. Hrs.: 16.00			
Work. Comp. 6220	4.28%	Days Req: 1.00	Man Hrs Per LS	16.000000			
Work Type:							
	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:		1,085.60	471.12				
Total Cost:		1,085.60	471.12				

01	Furnish And Install New Door Thresholds	1.00	EA	374.4060	1,872.03
----	---	------	----	----------	----------

	<u>Material</u>	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u>
Unit Cost:	63.06	217.12	94.22				
Total Cost:	315.31	1,085.60	471.12				



R&R HORN, INC.

PO BOX 6697
CHICO, CA 95927-6697

PHONE: (530) 342-8655
FAX: (530) 892-1324

PURCHASE ORDER

PO # **12 0181**

TO INSURE PROMPT PAYMENT
PLEASE SHOW OUR PURCHASE ORDER NUMBER
ON INVOICE AND MAIL INVOICE AND STATEMENT
TO ADDRESS SHOWN ABOVE

VENDOR NAME: NATIONAL Door CONTROL
SHIP / DELIVER TO: R&R Horn, INC
DELIVERY ADDRESS: 13504 Sky Park INDUSTRIAL AVE
Chico, CA 95973

DATE: 7/18/18
JOB/EQUIP NUMBER: 18004
DELIVERY DATE: ASAP

COST CODE	QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
01 30 09 #016	SEA	PEMCO SADDLE MESHES - 3/8" - 8" WIDE - DARK BRONZE		\$250-
		TAX		\$24-
		TOTAL		\$274 ⁰⁰

PARTIAL LIST OF COST CODES

02-77-01 Concrete Materials	01-40-01 Damage Repair	01-20-21 Safety Materials
02-74-01 Asphalt Paving / Sealing Materials	01-20-25 Final Clean Up	56400 Shop Supplies
02-53-01 Sewer Materials	01-10-13 Gopher	100150 Fuel, Oil, Grease (Product)
02-63-01 Storm Drain Materials	01-20-17 Consumable Tools	100300 Cutting Edges / Drums
02-51-01 Water Materials	01-20-19 Supplies (lath, paint, etc.)	100400 Tires / Undercarriages
02-55-01 Dry Utilities Materials	01-20-07 Erosion Control Materials	100500 Minor Repairs / Maintenance

ACCEPTED BY: _____
VENDOR

ORDERED BY: [Signature]
R&R HORN REPRESENTATIVE

Murdock Elementary School - Relocatable Buildings

RFI NO.

026

Architect's Project #17-1317
DSA File/App'l. #11-35 / 02-116649

Date: 7/12/2018

1. REQUEST FOR INFORMATION

To: Rainforth Grau Architects
2407 J Street; Suite 300
Sacramento, CA 95816

From: Contractor: R & R Horn, Inc.
Contact: Trevor Thomas

Attn.: Jeff Juarez

Sub Contractor: _____

Contact: _____

Reference:

Dwg./Document No.: _____ Rev.: _____ Title: _____

Location: _____ Elevation: _____

2. Existing Condition:

Per field meeting 7/12/2018 - to reduce drop at 5 door thresholds at front of school where new walk was poured - the landings will be ground/reduced and a Pemko or similar flat threshold maintaining < 1/2" drop at doors will be installed. At 1 low door - a grout or mortar material will be used to raise and fill gap.

Please confirm scope and approach.

3. Recommended Action(s):

4. Project Inspector Acknowledgment: Date Reviewed: _____ Comments:

5. Owner / A/E Resolution(s):

This is confirmed. Please provide a cost quote as soon as possible for Owner/Architect review.
Jeff Juarez
RGA

Date of Response: _____ By: _____

Attachments: _____
Extra Work Involved in the Above Described Change – Yes: _____ No: _____
Distribution: GC/CM: _____ Consultant: _____
District: _____ Other: _____
PI: _____ File: _____



R&R Horn, Inc.

PO Box 6697, Chico, CA 95973 PHONE: (530) 342-8655 FAX: (530) 892-1324

CHANGE ORDER REQUEST

TO: Willows Unified School District
 823 Laurel St.
 Willows, CA 95988

COR # COR #018

DATE: 08/01/18

PROJECT: Murdock Elem/WIS Sitework

JOB # 18002

ATTN: Mort Geivett

We submit for your approval the following cost estimate of changes in work as follows:
 Murdock - AC Material Cost only for areas removed for paving production

This change was requested by: Verbal Agreement

ITEM	ENCL. #	LABOR	MTL/EQUIP	SUBS/TRUCKING	TOTAL
R&R Horn, Inc					\$ -
					\$ -
AC Material - No Labor or Equipment			\$ 5,651.06		\$ 5,651.06
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
		\$ -	\$ 5,651.06	\$ -	\$ 5,651.06
Sub Markup	5%				\$ -
Material ONLY Markup	5%				\$ 282.55
Bonds and Insurance	0%				\$ -
				SUBTOTAL	\$ 5,933.61
					\$ 5,933.61
					\$ 5,934
					TBD

(WORKING DAYS)

We have proceeded with this change, and work orders have been sent to the subcontractors, in accordance with

We will not proceed with this change until receipt of a signed copy of this proposal. This proposal must be accepted by _____

APPROVED: _____

R&R Horn, Inc.

DATE: _____

BY: Trevor Thomas

Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Bid-Item	Description	Quantity UM	Material Cost	Labor Cost	Equipment Cost	Subcontract Cost	Other Cost	Plug Cost	Trucking Cost	Unit Cost	Total Cost
COR 18											
01	AC Material Cost Only - No Labor Or Equipment	79.00TON	4,829.47	0.00	0.00	0.00	0.00	0.00	821.59	71.5324	5,651.06
										\$821.59	\$5,651.06

(Completed Item) **(Zero Total Cost)**



Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

Group: COR 18 AC Material Cost Only

Bid-Item	Description	Quantity	UM	Unit Cost	Total Cost
01	AC Material Cost Only - No Labor Or Equipment	79.00	TON	71.5324	5,651.06

Description	Area	Quantity/Hours	UM	Unit Cost	Total Cost
M 1/2" PG 64-10 HMA		79.00	TN	57.0000	4,829.47
T Transfers Hourly		1.00 /	7.47 HR	110.0000	821.59

Prod. per Hr:	Day Lgth: 8.00	Hrs Req:	Lbr Typ: Standard	Man. Hrs.:			
Work. Comp. 6220	4.28%	Days Req:	Man Hrs Per TON	0.000000			
Work Type:							
Unit Cost:	<u>Material</u> 61.13	<u>Labor</u>	<u>Equipment</u>	<u>Other</u>	<u>Subcontractor</u>	<u>Plug</u>	<u>Truck</u> 10.40
Total Cost:	4,829.47						821.59
						Take-off Quantity:	11.00



R&R Horn, Inc.

P.O Box 6697, Chico, CA 95927 Ph 530-342-8655 Fx 530-892-1324

CHANGE ORDER REQUEST

TO: Willows Unified School District
823 West Laurel St
Willows, CA 95988

COR # 19 A

DATE: 08/10/18
PROJECT: Murdock Elem/WIS Sitework
JOB # 18002

ATTN: Jeff Juarez

We submit for your approval the following cost estimate of changes in work as follows:
Murdock & WIS - added temporary fence required to protect jobsite resulting from delays in schedule by Enviroplex

This change was requested by: Required - delays Enviroplex Schedule

ITEM	ENCL. #	LABOR/EQUIP	MATERIAL	SUBS	TOTAL
Temporary Fence		\$1,355.20	\$600.00		\$1,955.20
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
		\$1,355.20	\$600.00	\$0.00	\$1,955.20
MARK-UP ON LABOR & EQUIP	15 %	(\$1,355.20)			\$203.28
MARK-UP ON MATERIAL	5 %	(\$600.00)			\$30.00
MARK-UP ON SUBCONTRACTORS	5 %	\$0.00			\$0.00
ADDITIONAL BOND/INSURANCE PREMIUM @	0 %				\$0.00
TOTAL AMOUNT FOR CHANGE PROPOSAL					\$2,188.48
TIME EXTENSION REQUIRED FOR THIS CHANGE					0

(WORKING DAYS)

We have proceeded with this change, and work orders have been sent to the subcontractors, in accordance with this work has been completed as requested.

We will not proceed with this change until receipt of a signed copy of this proposal. This proposal must be accepted by _____ in order to avoid additional time extension and/or expense.

APPROVED: [Signature]
DATE: 08/16/18

R&R HORN, INC.
BY: Trevor Thomas

[Signature]



R&R Horn, Inc.

P.O. Box 6697, Chico, CA 95927 Ph 530-342-8655 Fx 530-892-1324

CHANGE ORDER REQUEST

TO: Willows Unified School District
 823 West Laurel St
 Willows, CA 95988

COR # 19 A

DATE: 08/10/18
 PROJECT: Murdock Elem/WIS Sitework
 JOB #: 18002

ATTN: Jeff Juarez

We submit for your approval the following cost estimate of changes in work as follows:
Murdock & WIS - added temporary fence required to protect jobsite resulting from delays in schedule by Enviroplex

This change was requested by: Required - delays Enviroplex Schedule

ITEM	ENCL. #	LABOR/EQUIP	MATERIAL	SUBS	TOTAL
Temporary Fence		\$1,355.20	\$600.00		\$1,955.20
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
		\$1,355.20	\$600.00	\$0.00	\$1,955.20
MARK-UP ON LABOR & EQUIP	15 %	(\$1,355.20)			\$203.28
				SUBTOTAL	\$2,158.48
MARK-UP ON MATERIAL	5 %	(\$600.00)			\$30.00
				SUBTOTAL	\$2,188.48
MARK-UP ON SUBCONTRACTORS	5 %	\$0.00			\$0.00
				SUBTOTAL	\$2,188.48
ADDITIONAL BOND/INSURANCE PREMIUM @	0 %				\$0.00
					\$2,188.48
TOTAL AMOUNT FOR CHANGE PROPOSAL					\$2,188
TIME EXTENSION REQUIRED FOR THIS CHANGE					0

(WORKING DAYS)

We have proceeded with this change, and work orders have been sent to the subcontractors, in accordance with
 This work has been completed as requested.

We will not proceed with this change until receipt of a signed copy of this proposal. This proposal must be
 accepted by _____ in order to avoid additional time extension and/or expense.

APPROVED: _____
 DATE: _____

R&R HORN, INC.
 BY: Trevor Thomas

LABOR & EQUIPMENT WORK

R & R Horn, Inc.
P.O. Box 6697
Chico, CA 95927

Bill to: Willows Unified School District

Project: 18003-019
Date: 08/10/18

Date	Description	Hours	Rate	Amount
8/6/2018	Additional Temp Fence - School Start			
	Foreman	4.0	85.39	341.56
	Equipment Operator	1.0	83.64	83.64
	Construction Labor	8.0	30.00	240.00
	Backhoe	1.0	60.00	60.00
	Foreman Utility Truck	4.0	30.00	120.00
8/6/2018	Lowbed Equipment Hauling	1.3	120.00	150.00
9/4/2018	Construction Labor	12.0	30.00	360.00
Materials	400 LF Temp 6" Chain Link Fence	400.0	1.50	600.00
SUBS				

Labor and Equipment Sub-Total	1,355.20
Materials Sub Total	600.00
Subcontractor Sub Total	0.00
Grand Total	1,955.20

R&R HORN, INC.
 PO Box 6697 Chico, CA 95927
 Phone (530) 342-8655 / Fax (530) 892-1324

NAME JAMES R Callahan
 DATE 8-06-18
 TOTAL HOURS: 11.75

START TIME: 3:30 START LUNCH: 8:30 A.M. END LUNCH: 9:00 AM END TIME: 12:45 P.M.

Job Number	Regular Hours	Overtime Hours	Cost Code (See Reverse)	Truck or Equipment No	Trailer No	Location / Description of Activities
	.50		100-150	9800		Fuel Bulk Tank #71
17104	2.75		100-100	9800		Fuel & Lube 560, 401 720, 721, 750, 751, 45, 715, 680, 555
	.75		100-500	71		Repairs to #71
	1.25		100-500	BL	110	Repairs to #110
	1.75		100-500	750		Repairs to #750
-019		1.25		60	182	hobl Temp fence Muechler Elev.
18003		2.25	0120-05	60	182	haul 934 Paker from Muechler to wis

R&R HORN, INC.
 PO Box 6697 Chico, CA 95927
 Phone (530) 342-8655 / Fax (530) 892-1324



R&R HORN, INC.
General Contractors

P.O. Box 6697 • Chico, CA 95927 • Phone (530) 342-8655 • Fax (530) 892-1324

DAILY EXTRA WORK REPORT

JOB NO. 18002

DATE: 9-4-18

WORK PERFORMED FOR: WUSD

DESCRIPTION OF WORK: ADDED TEMP PENCC

		HOURS				
NAME	CLASSIFICATION	ST	OT	EQPT#	EQUIPMENT	HOURS
JOSE RAMOS	LAD 3	6				
REGO AGRAZ	LAD 3	6				
MATERIALS AND SUPPLIER		QUANTITY	TRUCKING AND WORK BY OTHERS			

BY: 
 (R&R HORN REPRESENTATIVE)

AUTHORIZED BY: _____
 (OWNERS REPRESENTATIVE)



R&R Horn, Inc.

P.O Box 6697, Chico, CA 95927 Ph 530-342-8655 Fx 530-892-1324

CHANGE ORDER REQUEST

TO: Willows Unified School District
 823 West Laurel St
 Willows, CA 95988

COR # 21

DATE: 08/21/18
 PROJECT: Murdock Elem/WIS Sitework
 JOB # 18002

ATTN: Jeff Juarez

We submit for your approval the following cost estimate of changes in work as follows:
 Per RFI #32 - Pull boxes changed from non-traffic to traffic rated (Hankins)

This change was requested by: Per RFI #32

ITEM	ENCL. #	LABOR/EQUIP	MATERIAL	SUBS	TOTAL
R&R HORN, INC				\$2,150.50	\$2,150.50
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
		\$0.00	\$0.00	\$2,150.50	\$2,150.50
MARK-UP ON LABOR & EQUIP	15 %	\$0.00			\$0.00
				SUBTOTAL	\$2,150.50
MARK-UP ON MATERIAL	5 %	\$0.00			\$0.00
				SUBTOTAL	\$2,150.50
MARK-UP ON SUBCONTRACTORS	5 %	(\$2,150.50)			\$107.53
				SUBTOTAL	\$2,258.03
ADDITIONAL BOND/INSURANCE PREMIUM @	0 %				\$0.00
					\$2,258.03
TOTAL AMOUNT FOR CHANGE PROPOSAL					\$2,258
TIME EXTENSION REQUIRED FOR THIS CHANGE					0

(WORKING DAYS)

We have proceeded with this change, and work orders have been sent to the subcontractors, in accordance with This work has been completed as requested.

We will not proceed with this change until receipt of a signed copy of this proposal. This proposal must be accepted by _____ in order to avoid additional time extension and/or expense.

APPROVED: _____

R&R HORN, INC.

DATE: _____

BY: Trevor Thomas

HANKINSELECTRICAL

C O N T R A C T I N G

COR #2 Pull Boxes

Date: August 20, 2018
To: R&R Horn
Project: Murdock E.S.

Replacing PBE1 and PBE4 with traffic rated as directed by architect 8/19/2018

Material:

PBE1	\$823.40
PBE4	\$699.20

Labor:

7 hrs	\$627.90
--------------	-----------------

Labor and Material Total:	\$2,150.50
----------------------------------	-------------------

Inclusions:

- Labor and material.

Architect's Project #17-1317
DSA File/Apl. #11-35 / 02-116649

Date: 8/13/2018

1. REQUEST FOR INFORMATION

To: Rainforth Grau Architects
2407 J Street; Suite 300
Sacramento, CA 95816
Attn.: Jeff Juarez

From: Contractor: R & R Horn, Inc.
Contact: Trevor Thomas
Sub Contractor: Hankins Electrical
Contact:

Reference:
Dwg./Document No.: E1.1, E1.2, E3.1 Rev.: _____ Title: _____
Location: _____ Elevation: _____

2. Existing Condition:

Pull boxes, PBE1, PBE2, and PBE4 were ordered based upon pullbox schedule and index found on sheet E3.1. PBE1 needs to be uninstalled and replaced with a traffic rated box and lid due to being in fire lane. PBE2 is located in asphalt playground. Should this be replaced with a traffic rated box and lid? PBE4 is located in a parking stall. Please advise.

3. Recommended Action(s):

4. Project Inspector Acknowledgment: Date Reviewed: _____ Comments:

5. Owner / A/E Resolution(s):

The pullbox in the fire lane (PBE1) shall be traffic rated per note 2 on the pullbox detail on Sheet E3.1.

The pullbox in the asphalt playground (PBE2) does not need to be traffic rated. It shall have a concrete lid per note 1 on the pullbox detail on Sheet E3.1.

The pullbox in the parking stall (PBE4) shall be traffic rated per note 2 on the pullbox detail on Sheet E3.1.

Date of Response: 8/14/18 By: Chris Johanson

Attachments:
Extra Work Involved in the Above Described Change – Yes: _____ No: _____
Distribution: GC/CM: _____ Consultant: _____
District: _____ Other: _____
PI: _____ File: _____

REQUEST FOR INFORMATION (RFI)

HANKINSELECTRICAL
C O N T R A C T I N G

RFI No. 3
Date: 8/13/18

To: R&R Horn Inc

Project: Murdock

Subject: Low Voltage POC

Activity No.:

Date Response Requested: 8/13/18

Drawing Reference: E1.1,E1.2, E3.1

Specifications Reference: 26

Request the following information/clarification:

Pullboxes, PBE1, PBE2, and PBE4 were ordered based upon pullbox schedule and index found on sheet E3.1. PBE1 needs to be uninstalled and replaced with a traffic rated box and lid due to being in fire lane. PBE2 is located in asphalt playground. Should this be replaced with a traffic rated box and lid? PBE4 is located in a parking stall.

Please advise.

Requested by: David Fuller

Check here if additional pages attached

Page 1 of 1

Response:

Note: This is not an authorization to proceed with work involving any additional cost and/or time. Notification must be given by the Contractor in accord with the Contract Documents if the response causes any change to the Contract.

Responded By:

Name:

Title:

Requested by:

Signature:

Date:

Check here if additional pages attached

Page 1 of 1