

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

DATE: 06/29/18

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:

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					\$ 742.50
Labor and Material Markup					\$ 8,189.84
SUBTOTAL					\$ 78,381.29
Bonds and Insurance					\$ 1,567.63
					\$ 79,948.92
TOTAL AMOUNT FOR CHANGE PROPOSAL					\$ 79,948.92
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: Mort Geivett

DATE: July 19, 2018

R&R Horn, Inc.

BY: Trevor Thomas

6/29/2018
1:42 pm

R & R Horn Contractors, Inc.
Item Cost Breakdown

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)

Estimator: Jaime Cochran
For Job: 18002CO - Murdock Elem And WIS Relocatables - CHANGES - COST ONLY

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

Estimator: Jaime Cochran

(Crew/Assembly) (Zero Total Cost Warning)

For Job: 18002CO - Murdock Elem And WIS Relocatables - CHANGES - COST ONLY



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

Estimator: Jaime Cochran

(Crew/Assembly) (Zero Total Cost Warning)

For Job: 18002CO - Murdock Elem And WIS Relocatables - CHANGES - COST ONLY



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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	
	<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

Estimator: Jaime Cochran

(Crew/Assembly) (Zero Total Cost Warning)

For Job: 18002CO - Murdock Elem And WIS Relocatables - CHANGES - COST ONLY



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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

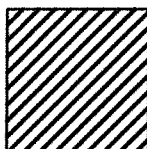
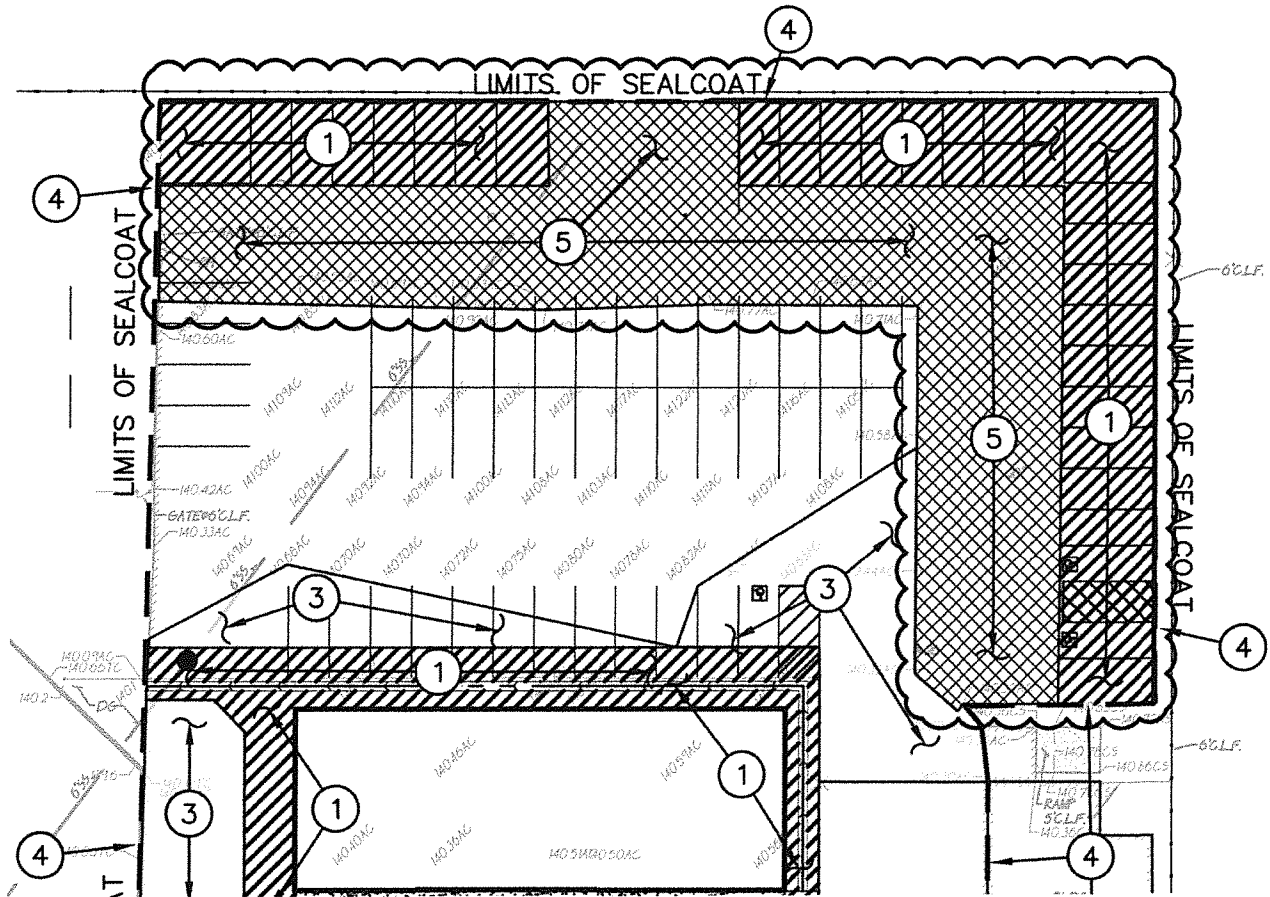
Marty Gee, WCE

Steve Permann, WUSD

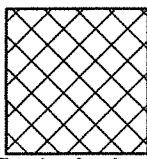
Mike Gorman, R&R Horn

Chris Lovin, RGA

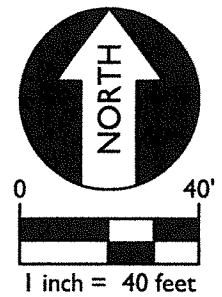
Greg Ventura WCE



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.



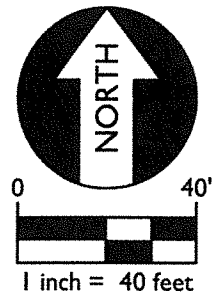
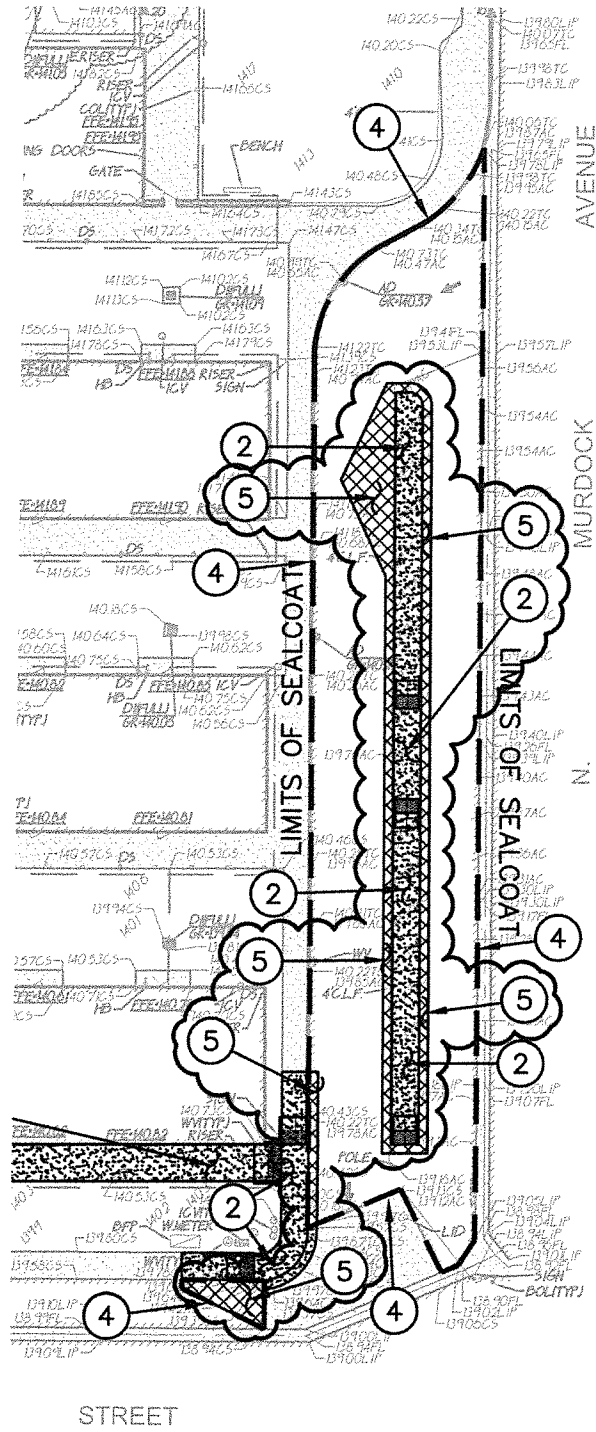
WCE
 WARREN CONSULTING ENGINEERS, INC.
 1117 WINDFIELD WAY, SUITE 110
 EL DORADO HILLS, CA 95762 | (916) 985-1870

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

17-138 C4.1A

rga rainforth
 grau
 architects
 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 WILLOWS, CA		SHEET CCD002-C4.1A



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		PROJECT NO. 2017-1317
WILLOWS UNIFIED SCHOOL DISTRICT WILLOWS, CA		SHEET CCD002-C4.1B