



AIA Document G701™ – 2001

Change Order

PROJECT <i>(Name and address):</i> 2011 Storm Damage Recovery Project - Schedule A Rapid City, South Dakota	CHANGE ORDER NUMBER: 002 DATE: June 27, 2013	OWNER: <input checked="" type="checkbox"/> ARCHITECT: <input checked="" type="checkbox"/> CONTRACTOR: <input checked="" type="checkbox"/> FIELD: <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>
TO CONTRACTOR <i>(Name and address):</i> RCS Construction, Inc. PO Box 9337 Rapid City, SD 57702	ARCHITECT'S PROJECT NUMBER: 12274 CONTRACT DATE: September 05, 2012 CONTRACT FOR: General Construction	

THE CONTRACT IS CHANGED AS FOLLOWS:

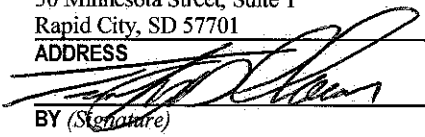
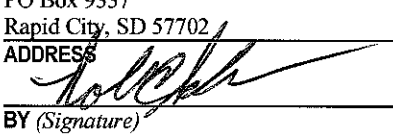
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)
RFP #2 - Add ice/water shield on MRF Building #4 - Add: \$2,975.00

The original Contract Sum was	\$ 890,000.00
The net change by previously authorized Change Orders	\$ 1,724.00
The Contract Sum prior to this Change Order was	\$ 891,724.00
The Contract Sum will be increased by this Change Order in the amount of	\$ 2,975.00
The new Contract Sum including this Change Order will be	\$ 894,699.00

The Contract Time will be increased by forty-six (46) days.
The date of Substantial Completion as of the date of this Change Order therefore is July 16, 2013.

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

<u>Upper Deck Architects, Inc.</u> ARCHITECT <i>(Firm name)</i>	<u>RCS Construction, Inc.</u> CONTRACTOR <i>(Firm name)</i>	<u>City of Rapid City</u> OWNER <i>(Firm name)</i>
<u>50 Minnesota Street, Suite 1</u> <u>Rapid City, SD 57701</u> ADDRESS	<u>PO Box 9337</u> <u>Rapid City, SD 57702</u> ADDRESS	<u>300 6th Street</u> <u>Rapid City, SD 57701</u> ADDRESS
 BY <i>(Signature)</i>	 BY <i>(Signature)</i>	 BY <i>(Signature)</i>
<u>Timothy D. Cheever</u> <i>(Typed name)</i>	<u>Robert C. Scull</u> <i>(Typed name)</i>	 <i>(Typed name)</i>
<u>6/27/2013</u> DATE	<u>July 1, 2013</u> DATE	 DATE

RFP #002 RECOMMENDATION



UPPER DECK
ARCHITECTS, INC.

50 MINNESOTA ST. - SUITE 1
RAPID CITY, SD 57701
PH: 605 721-0237
FAX: 605 721-0240

To: Rod Johnson

Project: City of Rapid City 2011 Storm Damage Recovery Project- Schedule A

Project #: 12274

From: Shawn Gaulrapp

Date: 4/24/2012

Content: Recommendation for Proposal Request #002

Rod,

Attached is the pricing information from RCS Construction for Proposal Request No. 002 – To provide and install approximately 1,954 s.f. of ice and water shield over existing plywood decking at the lower roof section on the MRF Building #4. We have reviewed all the items included this RFP and find these costs to be fair and reasonable with the work required.

We recommend acceptance of RFP #002 for a total cost **add of \$2,975.00**. Please review and forward to us your decision regarding this item.

Sincerely,

A handwritten signature in black ink, appearing to read 'Shawn Gaulrapp', with a large, stylized initial 'S'.

Shawn Gaulrapp



April 24, 2013

Upper Deck Architects, Inc.
Mr. Shawn Gaurapp
50 Minnesota Street
Rapid City, SD 57701

RE: 2011 Storm Damage Recovery – Schedule A
Proposal Request #02

Dear Shawn,

Enclosed, please find our proposal cost summary form for adding Ice and Water on the plywood decking of the low roof on the MRF Building per Request for Proposal #02. No other work is assumed to be included with this proposal other than what is stated on our cost summary form. We are not requesting any additional days at this time but reserve the right to should delays in approval or otherwise arise.

Please advise if you wish to accept this proposal as per the attached and should you have any questions, or require further information, please do not hesitate to contact our office.

Kind Regards,

A handwritten signature in black ink, appearing to read "Bob Conway".

Bob Conway
Project Manager/ Estimator
R.C.S. Construction, Inc.

CC: File



Safety • Quality • Communication • Timeliness

2400 Commerce Road • P.O. Box 9337 • Rapid City, SD 57709-9337

Phone (605) 342-3787 • Fax (605) 348-4041

www.resconst.com



R.C.S. CONSTRUCTION, INC. PROPOSAL COST SUMMARY

Subject: 2011 Storm Damage Recovery Project - Schedule A

Proposal : 02 - MRF Low Roof Ice and Water

Date: 4/24/2013

General Contractor:	MATERIAL	LABOR	EQUIP.	SUBS.
1				
2				
3				
4				
5				
Subcontractors/ Suppliers:				
1 Lost Cabin Constructors				\$2,464.84
2				
3				
4				
5				
	Taxes - Material - Equip 6%		\$0.00	
	Labor Markup incl%	\$0.00		
	TOTALS:	\$0.00	\$0.00	\$0.00
			\$0.00	\$2,464.84

RECAP

Material	\$0.00
Labor	\$0.00
Equipment	\$0.00
Subs	\$2,464.84
Subtotal	\$2,464.84

GC - Overhead	8%	\$197.19
Subtotal		\$2,662.03

GC - Profit	8%	\$212.96
Subtotal		\$2,874.99

Insurance	1.40%	\$40.25
Subtotal		\$2,915.24

Excise Tax	2.04%	\$59.50
		\$0.00

Net Increase or Decrease	\$2,974.74
---------------------------------	-------------------

RECAP

Contractor Costs	\$509.90
Subcontractor Costs	\$2,464.84
Net Increase or Decrease	\$2,975
Change in Working days	

Signed: _____


Bob Conway, Project Manager
R.C.S. Construction



AIA[®] Document G709[™] – 2001

Work Changes Proposal Request

PROJECT *(Name and address):*
2011 Storm Damage Recovery
Project - Schedule A
Rapid City, South Dakota

PROPOSAL REQUEST NUMBER: 002

OWNER:

ARCHITECT:

DATE OF ISSUANCE: April 24, 2013

CONSULTANT:

OWNER *(Name and address):*
City of Rapid City
300 6th Street
Rapid City, SD 57701

CONTRACT FOR: General Construction

CONTRACTOR:

CONTRACT DATE: September 05, 2012

FIELD:

OTHER:

FROM ARCHITECT *(Name and address):*
Upper Deck Architects, Inc.
50 Minnesota Street
Suite 1
Rapid City, SD 57701

ARCHITECT'S PROJECT NUMBER: 12274

TO CONTRACTOR *(Name and address):*
RCS Construction, Inc.
PO Box 9337
Rapid City, SD 57702

Please submit an itemized proposal for changes in the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. Within seven (7) days, the Contractor must submit this proposal or notify the Architect, in writing, of the date on which proposal submission is anticipated.

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

DESCRIPTION *(Insert a written description of the Work):*

Provide cost to add approximately 1,954 S.F. of ice and water shield over existing plywood decking at lower roof section of MRF Building #4.

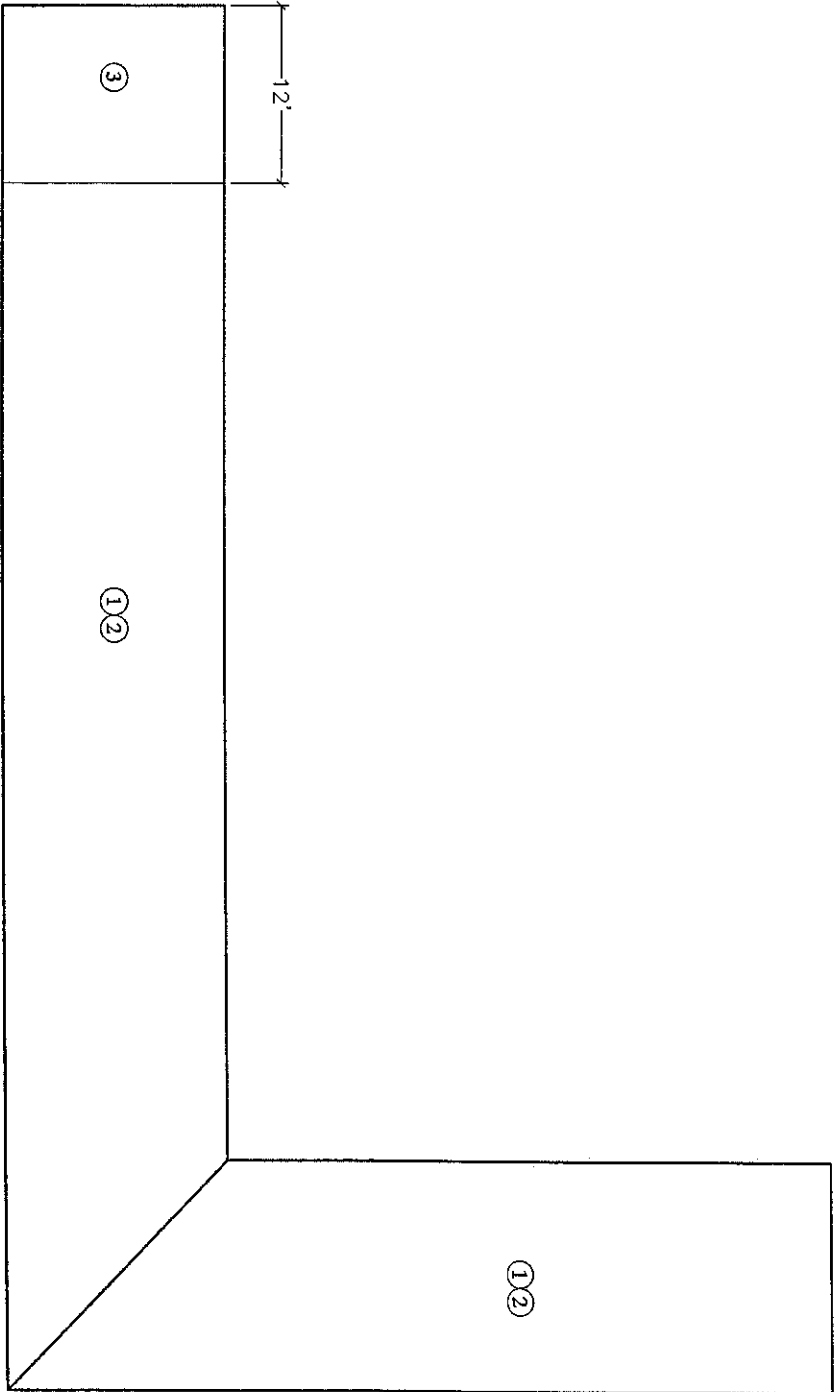
ATTACHMENTS *(List attached documents that support description):*

Lower Roof Section Diagram

REQUESTED BY THE ARCHITECT:


(Signature)

Shawn Gaulrapp, Project Manager
(Printed name and title)



Clip Spacing over 1/2" plywood

1	Clip Spacing (field) = 4'-0"
2	Clip Spacing (edge) = 4'-0"
3	Clip Spacing (corner) = 2'-6"

Clip Spacing over Metal Decking

1	Clip Spacing (field) = 3'-0"
2	Clip Spacing (edge) = 3'-0"
3	Clip Spacing (corner) = 2'-0"

Shawn N. Gaulrapp

From: Bob Conway <bobc@rcsconst.com>
Sent: Monday, June 24, 2013 10:32 AM
To: Shawn N. Gaulrapp
Subject: Storm Damage Schedule A - Weather Delays Through 6.24.13
Attachments: Weather Delays through 6.24.13.pdf

Shawn,

Please find attached letter requesting additional weather days through today. To date including this letter we are requesting 32 working days. I believe that if I did it right that going from original completion date of May 31, 2013 and adding in 32 working days (including Saturdays but excluding Sundays) the new completion date would be July 9th, 2013. Please confirm.

Thanks,

Bob Conway

Project Manager/ Estimator
RCS Construction, Inc.
Ph: 605-342-3787

- SENT TO SHAWN VIA EMAIL ON 6/24/13



June 24, 2013

Upper Deck Architects, Inc.
Shawn Gaulrapp
50 Minnesota Street – Suite 1
Rapid City, SD 57701

Re: 2011 Storm Damage Recovery – Roof Replacement
Rapid City, SD
Weather Delays – May 22 – June 24, 2013

Dear Shawn,

We are writing in regards to weather delays that we have encountered on the above mentioned project. There have been several days where the rain and winds have prohibited us from working on the project. Below is a list of days that we have lost and we have also attached supporting National Weather Service data to show the conditions on those days.

- 5/22/13 - Half day lost due to wind. Requesting 1/2 Day.
- 5/23/13 - Full day lost due to wind. Requesting 1 Day.
- 5/24/13 - Full day lost due to wind. Requesting 1 Day.
- 5/29/13 - Half day lost due to wind. Requesting 1/2 Day.
- 5/30/13 - Full day lost due to rain and wind. Requesting 1 Day.
- 5/31/13 - Full day lost due to rain and wind. Requesting 1 Day.
- 6/3/13 - Half day lost due to wind. Requesting 1/2 Day.
- 6/10/13 - Half day lost due to wind. Requesting 1/2 Day.
- 6/13/13 - Full day lost due to wind. Requesting 1 Day.
- 6/14/13 - Full day lost due to wind. Requesting 1 Day.
- 6/19/13 - Half day lost due to wind. Requesting 1/2 Day.

Per above we are requesting that 9 Days be added to the contract for weather delays that we have received through 6/24/13. We feel this information is fair and accurate and we appreciate your consideration in reviewing this request.

Please review and provide a quote as soon as you can. If you have any questions or comments please let me know.

Kind Regards,

Bob Conway
Project Manager
R.C.S. Construction, Inc.

RECEIVED

JUN 26 2013

UPPER DECK
ARCHITECTS, INC.

CC: File



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Explanation of the Preliminary Monthly Climate Data (F6) Product

These data are preliminary and have not undergone final quality control by the National Climatic Data Center (NCDC). Therefore, these data are subject to revision. Final and certified climate data can be accessed at the NCDC - <http://www.ncdc.noaa.gov>.

WFO Monthly/Daily Climate Data

000
 CXUS53 KUNR 010945
 CF6RAP
 PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: RAPID CITY AIRPORT SD
 MONTH: MAY
 YEAR: 2013
 LATITUDE: 44 2 N
 LONGITUDE: 103 4 W

TEMPERATURE IN F:					:PCPN:			SNOW:		WIND			:SUNSHINE:			SKY		:PK WND	
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18	
								12Z		AVG MX 2MIN									
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR	
1	50	26	38	-12	27	0	0.00	0.0	0	11.5	28	350	M	M	3	33	350		
2	55	25	40	-11	25	0	0.00	0.0	0	5.8	15	320	M	M	2	25	310		
3	61	25	43	-8	22	0	0.00	0.0	0	6.0	17	120	M	M	0	22	110		
4	58	25	42	-9	23	0	0.00	0.0	0	6.6	15	30	M	M	0	24	30		
5	62	28	45	-7	20	0	0.00	0.0	0	6.4	15	10	M	M	0	20	10		
6	69	29	49	-3	16	0	0.00	0.0	0	6.1	15	130	M	M	0	23	130		
7	75	37	56	4	9	0	0.00	0.0	0	9.2	25	120	M	M	1	30	120		
8	74	38	56	3	9	0	0.00	0.0	0	9.2	18	40	M	M	1	29	30		
9	66	41	54	1	11	0	T	0.0	0	7.0	17	20	M	M	4	23	20		
10	78	37	58	5	7	0	0.01	0.0	0	10.0	48	360	M	M	2 8	56	360		
11	63	32	48	-6	17	0	0.00	0.0	0	5.5	15	30	M	M	0	23	290		
12	75	36	56	2	9	0	0.00	0.0	0	6.1	14	150	M	M	0	18	130		
13	90	50	70	16	0	5	T	0.0	0	6.4	23	360	M	M	0	29	360		
14	80	49	65	11	0	0	0.00	0.0	0	13.8	32	340	M	M	0	41	330		
15	78	43	61	6	4	0	0.00	0.0	0	9.4	21	150	M	M	0	32	140		
16	76	51	64	9	1	0	0.06	0.0	0	10.4	32	350	M	M	7 138	39	350		
17	79	47	63	8	2	0	T	0.0	0	8.6	33	350	M	M	1 18	40	350		
18	75	52	64	8	1	0	0.33	0.0	0	9.7	25	320	M	M	5 13	30	320		
19	60	50	55	-1	10	0	0.26	0.0	0	18.7	30	320	M	M	10 18	39	330		
20	53	46	50	-6	15	0	0.24	0.0	0	33.8	45	330	M	M	10 1	56	320		
21	52	42	47	-9	18	0	0.08	0.0	0	22.7	37	340	M	M	8 1	44	340		
22	56	44	50	-7	15	0	T	0.0	0	11.0	21	360	M	M	10 18	25	350		
23	69	39	54	-3	11	0	0.00	0.0	0	17.8	31	150	M	M	2 12	39	150		
24	80	54	67	10	0	2	0.00	0.0	0	19.2	31	180	M	M	4	40	160		
25	83	49	66	8	0	1	0.00	0.0	0	10.4	26	140	M	M	1 3	32	140		
26	71	52	62	4	3	0	0.04	0.0	0	8.9	21	70	M	M	8 123	26	70		
27	72	46	59	1	6	0	0.27	0.0	0	12.1	30	330	M	M	6 123	36	290		
28	75	44	60	2	5	0	0.00	0.0	0	6.7	16	130	M	M	2	22	140		
29	75	50	63	4	2	0	1.71	0.0	0	10.1	22	330	M	M	5 13	26	330		
30	67	52	60	1	5	0	0.07	0.0	0	13.4	37	310	M	M	9	47	310		

```

31 58 47 53 -6 12 0 0.09 0.0 0 25.3 38 310 M M 10 1 48 310
=====
SM 2135 1286 305 8 3.16 0.0 357.8 M 111
=====
AV 68.9 41.5 11.5 FASTST M M 4 MAX(MPH)
MISC ----> # 48 360 # 56 360
=====
    
```

NOTES:

LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6) , PAGE 2

STATION: RAPID CITY AIRPORT SD
 MONTH: MAY
 YEAR: 2013
 LATITUDE: 44 2 N
 LONGITUDE: 103 4 W

[TEMPERATURE DATA]

[PRECIPITATION DATA]

SYMBOLS USED IN COLUMN 16

AVERAGE MONTHLY: 55.2
 DPTR FM NORMAL: 0.2
 HIGHEST: 90 ON 13
 LOWEST: 25 ON 4, 3

TOTAL FOR MONTH: 3.16
 DPTR FM NORMAL: -0.06
 GRTST 24HR 1.77 ON 29-30
 SNOW, ICE PELLETS, HAIL
 TOTAL MONTH: 0.0 INCH
 GRTST 24HR 0.0
 GRTST DEPTH: 0

- 1 = FOG OR MIST
- 2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
- 3 = THUNDER
- 4 = ICE PELLETS
- 5 = HAIL
- 6 = FREEZING RAIN OR DRIZZLE
- 7 = DUSTSTORM OR SANDSTORM: VSBY 1/2 MILE OR LESS
- 8 = SMOKE OR HAZE
- 9 = BLOWING SNOW
- X = TORNADO

[NO. OF DAYS WITH]

[WEATHER - DAYS WITH]

MAX 32 OR BELOW: 0
 MAX 90 OR ABOVE: 1
 MIN 32 OR BELOW: 7
 MIN 0 OR BELOW: 0

0.01 INCH OR MORE: 11
 0.10 INCH OR MORE: 5
 0.50 INCH OR MORE: 1
 1.00 INCH OR MORE: 1

[HDD (BASE 65)]

TOTAL THIS MO. 305
 DPTR FM NORMAL -20
 TOTAL FM JUL 1 7104
 DPTR FM NORMAL 50

CLEAR (SCALE 0-3) 18
 PTCLDY (SCALE 4-7) 8
 CLOUDY (SCALE 8-10) 5

[CDD (BASE 65)]

TOTAL THIS MO. 8
 DPTR FM NORMAL -5
 TOTAL FM JAN 1 8
 DPTR FM NORMAL -7

[PRESSURE DATA]
 HIGHEST SLP 30.69 ON 2
 LOWEST SLP 29.31 ON 30

[REMARKS]

#FINAL-05-13#

Explanation of the Preliminary Monthly Climate Data (F6) Product

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WFO Monthly/Daily Climate Data

000
 CXUS53 KUNR 240945
 CF6RAP
 PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: RAPID CITY AIRPORT SD
 MONTH: JUNE
 YEAR: 2013
 LATITUDE: 44 2 N
 LONGITUDE: 103 4 W

TEMPERATURE IN F:					:PCPN:			SNOW:		WIND			:SUNSHINE:			SKY		:PK WND	
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18	
								12Z		AVG MX 2MIN									
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR	
1	64	39	52	-8	13	0	0.02	0.0	0	20.2	37	330	M	M	3	1	45	330	
2	73	39	56	-4	9	0	0.00	0.0	0	10.2	21	90	M	M	0		29	140	
3	71	49	60	0	5	0	0.00	0.0	0	14.2	31	360	M	M	1		38	360	
4	63	42	53	-8	12	0	0.00	0.0	0	16.5	33	350	M	M	3		44	350	
5	63	42	53	-8	12	0	0.00	0.0	0	11.3	21	10	M	M	8		29	20	
6	71	38	55	-6	10	0	0.00	0.0	0	4.6	13	40	M	M	1		16	40	
7	81	44	63	1	2	0	0.12	0.0	0	7.6	23	320	M	M	1	13	29	320	
8	74	50	62	0	3	0	0.02	0.0	0	16.6	36	330	M	M	1		46	330	
9	77	48	63	1	2	0	0.00	0.0	0	8.3	16	140	M	M	0		22	140	
10	83	54	69	6	0	4	0.00	0.0	0	12.2	28	360	M	M	0		35	350	
11	74	56	65	2	0	0	0.42	0.0	0	10.0	37	310	M	M	7	13	46	310	
12	68	53	61	-2	4	0	0.00	0.0	0	8.1	22	350	M	M	6		25	360	
13	73	50	62	-2	3	0	T	0.0	0	14.9	30	170	M	M	1	3	37	170	
14	79	56	68	4	0	3	0.00	0.0	0	13.1	32	340	M	M	1		40	330	
15	77	50	64	0	1	0	0.00	0.0	0	6.2	15	100	M	M	4		17	110	
16	79	50	65	0	0	0	0.00	0.0	0	6.3	24	120	M	M	1	3	29	110	
17	74	50	62	-3	3	0	0.05	0.0	0	5.0	12	240	M	M	2	3	15	240	
18	84	49	67	2	0	2	0.00	0.0	0	7.2	21	150	M	M	0		25	160	
19	87	59	73	7	0	8	T	0.0	0	16.3	46	150	M	M	0	3	59	160	
20	86	64	75	9	0	10	0.01	0.0	0	13.3	30	140	M	M	0	3	37	140	
21	73	60	67	1	0	2	1.14	0.0	0	10.8	29	70	M	M	6	123	36	70	
22	79	53	66	-1	0	1	0.38	0.0	0	11.6	33	320	M	M	4	13	40	330	
23	77	51	64	-3	1	0	0.00	0.0	0	6.4	15	120	M	M	0		20	110	
SM 1730 1146					80	30	2.16	0.0	250.9	M	50								
AV 75.2 49.8										10.9	FASTST	M	M	2	MAX (MPH)				
					MISC ---->					# 46	150	# 59	160						

NOTES:

LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6) , PAGE 2

STATION: RAPID CITY AIRPORT SD
 MONTH: JUNE
 YEAR: 2013
 LATITUDE: 44 2 N
 LONGITUDE: 103 4 W

[TEMPERATURE DATA]

AVERAGE MONTHLY: 62.5
 DPTR FM NORMAL: -0.8
 HIGHEST: 87 ON 19
 LOWEST: 38 ON 6

[PRECIPITATION DATA]

TOTAL FOR MONTH: 2.16
 DPTR FM NORMAL: 0.05
 GRTST 24HR 1.14 ON 21-21
 SNOW, ICE PELLETS, HAIL
 TOTAL MONTH: 0.0 INCH
 GRTST 24HR 0.0
 GRTST DEPTH: 0

SYMBOLS USED IN COLUMN 16

1 = FOG OR MIST
 2 = FOG REDUCING VISIBILITY
 TO 1/4 MILE OR LESS
 3 = THUNDER
 4 = ICE PELLETS
 5 = HAIL
 6 = FREEZING RAIN OR DRIZZLE
 7 = DUSTSTORM OR SANDSTORM:
 VSBY 1/2 MILE OR LESS
 8 = SMOKE OR HAZE
 9 = BLOWING SNOW
 X = TORNADO

[NO. OF DAYS WITH]

MAX 32 OR BELOW: 0
 MAX 90 OR ABOVE: 0
 MIN 32 OR BELOW: 0
 MIN 0 OR BELOW: 0

[WEATHER - DAYS WITH]

0.01 INCH OR MORE: 8
 0.10 INCH OR MORE: 4
 0.50 INCH OR MORE: 1
 1.00 INCH OR MORE: 1

[HDD (BASE 65)]

TOTAL THIS MO. 80
 DPTR FM NORMAL -8
 TOTAL FM JUL 1 7184
 DPTR FM NORMAL 42

CLEAR (SCALE 0-3) 16
 PTCLDY (SCALE 4-7) 7
 CLOUDY (SCALE 8-10) 0

[CDD (BASE 65)]

TOTAL THIS MO. 30
 DPTR FM NORMAL -19
 TOTAL FM JAN 1 38
 DPTR FM NORMAL -26

[PRESSURE DATA]
 HIGHEST SLP M ON M
 LOWEST SLP 29.51 ON 19

[REMARKS]

BUILT ON TRUST

CONSTRUCTION
Robert C. Scull

May 22, 2013

Upper Deck Architects, Inc.
Shawn Gaulrapp
50 Minnesota Street – Suite 1
Rapid City, SD 57701

Re: 2011 Storm Damage Recovery – Roof Replacement
Rapid City, SD
Weather Delays – April 24 – May 21, 2013

Dear Shawn,

We are writing in regards to weather delays that we have encountered on the above mentioned project. There have been several days where the rain and winds have prohibited us from working on the project. Below is a list of days that we have lost and we have also attached supporting National Weather Service data to show the conditions on those days.

5/7/13 - Half day lost due to snow and wind. Requesting 1/2 Day.

5/14/13 - Half day lost due to wind. Requesting 1/2 Day.

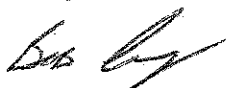
5/20/13 - Full day lost due to rain and wind. Requesting 1 Day.

5/21/13 - Full day lost due to rain and wind. Requesting 1 Day.

Per above we are requesting that 3 Days be added to the contract for weather delays that we have received through 5/21/13. We feel this information is fair and accurate and we appreciate your consideration in reviewing this request.

Please review and provide a quote as soon as you can. If you have any questions or comments please let me know.

Kind Regards,



Bob Conway
Project Manager
R.C.S. Construction, Inc.

CC: File



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Climatological Report (Daily)

000
 CDUS43 KUNR 080854
 CLIRAP

CLIMATE REPORT
 NATIONAL WEATHER SERVICE RAPID CITY SD
 253 AM MDT WED MAY 8 2013

.....

...THE RAPID CITY AIRPORT SD CLIMATE SUMMARY FOR MAY 7 2013...

CLIMATE NORMAL PERIOD 1981 TO 2010
 CLIMATE RECORD PERIOD 1942 TO 2013

WEATHER ITEM	OBSERVED VALUE	TIME (LST)	RECORD VALUE	YEAR	NORMAL VALUE	DEPARTURE FROM NORMAL	LAST YEAR
.....							
TEMPERATURE (F)							
YESTERDAY							
MAXIMUM	75	203 PM	90	1992	65	10	63
MINIMUM	37	242 AM	25	2010	39	-2	33
AVERAGE	56				52	4	48
PRECIPITATION (IN)							
YESTERDAY	0.00		0.88	2005	0.10	-0.10	0.00
MONTH TO DATE	0.00				0.65	-0.65	0.61
SINCE MAR 1	3.85				3.38	0.47	3.74
SINCE JAN 1	4.46				4.12	0.34	4.43
SNOWFALL (IN)							
YESTERDAY	0.0				0.1	-0.1	0.0
MONTH TO DATE	0.0				0.6	-0.6	0.0
SINCE MAR 1	56.3				17.2	39.1	0.1
SINCE JUL 1	76.7				40.6	36.1	24.7
SNOW DEPTH	0						

DEGREE DAYS

HEATING

YESTERDAY	9	13	-4	17
MONTH TO DATE	142	98	44	71
SINCE MAR 1	1952	1617	335	1042
SINCE JUL 1	6941	6827	114	5903

COOLING

YESTERDAY	0	0	0	0
MONTH TO DATE	0	0	0	0
SINCE MAR 1	0	2	-2	9
SINCE JAN 1	0	2	-2	9

WIND (MPH)

HIGHEST WIND SPEED	25	HIGHEST WIND DIRECTION	SE (120)
HIGHEST GUST SPEED	30	HIGHEST GUST DIRECTION	SE (120)
AVERAGE WIND SPEED	9.2		

SKY COVER

AVERAGE SKY COVER 0.1

WEATHER CONDITIONS

THE FOLLOWING WEATHER WAS RECORDED YESTERDAY.
NO SIGNIFICANT WEATHER WAS OBSERVED.

RELATIVE HUMIDITY (PERCENT)

HIGHEST	80	1100 PM
LOWEST	27	200 PM
AVERAGE	54	

THE RAPID CITY AIRPORT SD CLIMATE NORMALS FOR TODAY

	NORMAL	RECORD	YEAR
MAXIMUM TEMPERATURE (F)	66	88	1985
MINIMUM TEMPERATURE (F)	40	21	2010

SUNRISE AND SUNSET

MAY 8 2013.....	SUNRISE	534 AM MDT	SUNSET	804 PM MDT
MAY 9 2013.....	SUNRISE	533 AM MDT	SUNSET	805 PM MDT

- INDICATES NEGATIVE NUMBERS.

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Climatological Report (Daily)

000
 CDUS43 KUNR 150849
 CLIRAP

CLIMATE REPORT
 NATIONAL WEATHER SERVICE RAPID CITY SD
 246 AM MDT WED MAY 15 2013

.....
 ...THE RAPID CITY AIRPORT SD CLIMATE SUMMARY FOR MAY 14 2013...

CLIMATE NORMAL PERIOD 1981 TO 2010
 CLIMATE RECORD PERIOD 1942 TO 2013

WEATHER ITEM	OBSERVED VALUE	TIME (LST)	RECORD VALUE	YEAR	NORMAL VALUE	DEPARTURE FROM NORMAL	LAST YEAR
.....							
TEMPERATURE (F)							
YESTERDAY							
MAXIMUM	80	317 PM	89	1976	67	13	85
MINIMUM	49	1157 PM	28	1973	42	7	44
				1945			
AVERAGE	65				54	11	65
PRECIPITATION (IN)							
YESTERDAY	0.00		3.21	1965	0.11	-0.11	0.00
MONTH TO DATE	0.01				1.38	-1.37	0.61
SINCE MAR 1	3.86				4.11	-0.25	3.74
SINCE JAN 1	4.47				4.85	-0.38	4.43
SNOWFALL (IN)							
YESTERDAY	0.0				0.1	-0.1	0.0
MONTH TO DATE	0.0				1.0	-1.0	0.0
SINCE MAR 1	56.3				17.6	38.7	0.1
SINCE JUL 1	76.7				41.0	35.7	24.7
SNOW DEPTH	0						

DEGREE DAYS

HEATING

YESTERDAY	0	11	-11	0
MONTH TO DATE	195	181	14	144
SINCE MAR 1	2005	1700	305	1115
SINCE JUL 1	6994	6910	84	5976

COOLING

YESTERDAY	0	0	0	0
MONTH TO DATE	5	0	5	0
SINCE MAR 1	5	2	3	9
SINCE JAN 1	5	2	3	9

WIND (MPH)

HIGHEST WIND SPEED	32	HIGHEST WIND DIRECTION	N (340)
HIGHEST GUST SPEED	41	HIGHEST GUST DIRECTION	NW (330)
AVERAGE WIND SPEED	13.8		

SKY COVER

AVERAGE SKY COVER 0.0

WEATHER CONDITIONS

THE FOLLOWING WEATHER WAS RECORDED YESTERDAY.

NO SIGNIFICANT WEATHER WAS OBSERVED.

RELATIVE HUMIDITY (PERCENT)

HIGHEST	61	200 AM
LOWEST	21	200 PM
AVERAGE	41	

THE RAPID CITY AIRPORT SD CLIMATE NORMALS FOR TODAY

	NORMAL	RECORD	YEAR
MAXIMUM TEMPERATURE (F)	68	90	1987
MINIMUM TEMPERATURE (F)	42	30	2005

SUNRISE AND SUNSET

MAY 15 2013.....	SUNRISE	526 AM MDT	SUNSET	812 PM MDT
MAY 16 2013.....	SUNRISE	525 AM MDT	SUNSET	813 PM MDT

These data are preliminary and have not undergone final quality control by the National Climatic Data Center (NCDC). Therefore, these data are subject to revision. Final and certified climate data can be accessed at the NCDC - <http://www.ncdc.noaa.gov>.

Climatological Report (Daily)

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 CDUS43 KUNR 210845
 CLIRAP

CLIMATE REPORT
 NATIONAL WEATHER SERVICE RAPID CITY SD
 239 AM MDT TUE MAY 21 2013

.....
 ...THE RAPID CITY AIRPORT SD CLIMATE SUMMARY FOR MAY 20 2013...

CLIMATE NORMAL PERIOD 1981 TO 2010
 CLIMATE RECORD PERIOD 1942 TO 2013

WEATHER ITEM	OBSERVED VALUE	TIME (LST)	RECORD VALUE	YEAR	NORMAL VALUE	DEPARTURE FROM NORMAL	LAST YEAR
.....							
TEMPERATURE (F)							
YESTERDAY							
MAXIMUM	53	242 PM	92	1964	69	-16	71
MINIMUM	46	1159 PM	25	2003	44	2	37
AVERAGE	50				56	-6	54
PRECIPITATION (IN)							
YESTERDAY	0.24		1.51	1957	0.11	0.13	0.00
MONTH TO DATE	0.90				2.02	-1.12	1.33
SINCE MAR 1	4.75				4.75	0.00	4.46
SINCE JAN 1	5.36				5.49	-0.13	5.15
SNOWFALL (IN)							
YESTERDAY	0.0				0.1	0.0	0.0
MONTH TO DATE	0.0				1.1	-1.1	0.0
SINCE MAR 1	56.3				17.7	38.6	0.1
SINCE JUL 1	76.7				41.1	35.6	24.7
SNOW DEPTH	0						

DEGREE DAYS

HEATING

YESTERDAY	15	9	6	11
MONTH TO DATE	228	241	-13	172
SINCE MAR 1	2038	1760	278	1143
SINCE JUL 1	7027	6970	57	6004

COOLING

YESTERDAY	0	0	0	0
MONTH TO DATE	5	0	5	10
SINCE MAR 1	5	2	3	19
SINCE JAN 1	5	2	3	19

WIND (MPH)

HIGHEST WIND SPEED	45	HIGHEST WIND DIRECTION	NW (330)
HIGHEST GUST SPEED	56	HIGHEST GUST DIRECTION	NW (320)
AVERAGE WIND SPEED	33.8		

SKY COVER

AVERAGE SKY COVER 1.0

WEATHER CONDITIONS

THE FOLLOWING WEATHER WAS RECORDED YESTERDAY.

LIGHT RAIN
FOG

RELATIVE HUMIDITY (PERCENT)

HIGHEST	93	800 AM
LOWEST	80	1200 AM
AVERAGE	87	

THE RAPID CITY AIRPORT SD CLIMATE NORMALS FOR TODAY

	NORMAL	RECORD	YEAR
MAXIMUM TEMPERATURE (F)	69	92	1966 1954
MINIMUM TEMPERATURE (F)	44	29	1963

SUNRISE AND SUNSET

MAY 21 2013.....	SUNRISE	520 AM MDT	SUNSET	818 PM MDT
MAY 22 2013.....	SUNRISE	519 AM MDT	SUNSET	819 PM MDT

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Climatological Report (Daily)

000
 CDUS43 KUNR 220842
 CLIRAP

CLIMATE REPORT
 NATIONAL WEATHER SERVICE RAPID CITY SD
 239 AM MDT WED MAY 22 2013

.....

...THE RAPID CITY AIRPORT SD CLIMATE SUMMARY FOR MAY 21 2013...

CLIMATE NORMAL PERIOD 1981 TO 2010
 CLIMATE RECORD PERIOD 1942 TO 2013

WEATHER ITEM	OBSERVED VALUE	TIME (LST)	RECORD VALUE	YEAR	NORMAL VALUE	DEPARTURE FROM NORMAL	LAST YEAR
.....							
TEMPERATURE (F)							
YESTERDAY							
MAXIMUM	52	1256 PM	92	1966	69	-17	86
				1954			
MINIMUM	42	604 AM	29	1963	44	-2	47
AVERAGE	47				56	-9	67
PRECIPITATION (IN)							
YESTERDAY	0.08		2.80	1999	0.11	-0.03	0.00
MONTH TO DATE	0.98				2.13	-1.15	1.33
SINCE MAR 1	4.83				4.86	-0.03	4.46
SINCE JAN 1	5.44				5.60	-0.16	5.15
SNOWFALL (IN)							
YESTERDAY	0.0				0.0	0.0	0.0
MONTH TO DATE	0.0				1.1	-1.1	0.0
SINCE MAR 1	56.3				17.7	38.6	0.1
SINCE JUL 1	76.7				41.1	35.6	24.7
SNOW DEPTH	0						

DEGREE DAYS

HEATING

YESTERDAY	18	9	9	0
MONTH TO DATE	246	250	-4	172
SINCE MAR 1	2056	1769	287	1143
SINCE JUL 1	7045	6979	66	6004

COOLING

YESTERDAY	0	0	0	2
MONTH TO DATE	5	0	5	12
SINCE MAR 1	5	2	3	21
SINCE JAN 1	5	2	3	21

WIND (MPH)

HIGHEST WIND SPEED	37	HIGHEST WIND DIRECTION	N (340)
HIGHEST GUST SPEED	44	HIGHEST GUST DIRECTION	N (340)
AVERAGE WIND SPEED	22.7		

SKY COVER

AVERAGE SKY COVER 0.8

WEATHER CONDITIONS

THE FOLLOWING WEATHER WAS RECORDED YESTERDAY.

LIGHT RAIN
FOG

RELATIVE HUMIDITY (PERCENT)

HIGHEST	96	500 AM
LOWEST	68	100 PM
AVERAGE	82	

THE RAPID CITY AIRPORT SD CLIMATE NORMALS FOR TODAY

	NORMAL	RECORD	YEAR
MAXIMUM TEMPERATURE (F)	69	91	2012
			2006
MINIMUM TEMPERATURE (F)	44	28	1963

SUNRISE AND SUNSET

MAY 22 2013.....	SUNRISE	519 AM MDT	SUNSET	819 PM MDT
MAY 23 2013.....	SUNRISE	518 AM MDT	SUNSET	820 PM MDT

BUILT ON TRUST

CONSTRUCTION
Robert C. Scull

April 24, 2013

Upper Deck Architects, Inc.
Shawn Gaulrapp
50 Minnesota Street – Suite 1
Rapid City, SD 57701

Re: 2011 Storm Damage Recovery – Roof Replacement
Rapid City, SD
Weather Delays – March 27 – April 23, 2013

Dear Shawn,

We are writing in regards to weather delays that we have encountered on the above mentioned project. There have been several days where the snow, rain and winds have prohibited us from working on the project. As you are aware the Rapid City area has received some of the largest snowfall totals for the Month of April in history and we have lost many days as a result. Below is a list of days that we have lost and we have also attached supporting National Weather Service data to show the conditions on those days.

4/1/13 - Half day lost due to issue with existing wet insulation. Requesting 1/2 Day.
4/9/13 - Full day lost due to snow. Requesting 1 Day.
4/10/13 - Full day lost due to snow. Requesting 1 Day.
4/11/13 - Full day lost due to snow. Requesting 1 Day.
4/12/13 - Half day lost due to rain. Requesting 1/2 Day.
4/15/13 - Half day lost due to high winds. Requesting 1/2 Day.
4/16/13 - Half day lost due to snow. Requesting 1/2 Day.
4/17/13 - Full day lost due to snow. Requesting 1 Day.
4/18/13 - Full day lost due to snow. Requesting 1 Day.
4/19/13 - Half day lost due to snow. Requesting 1 Day.
4/22/13 - Full day lost due to snow. Requesting 1 Day.
4/23/13 - Half day lost due to snow removal. Requesting 1/2 Day.

Per above we are requesting that 10 Days be added to the contract for weather delays that we have received through 4/23/13. We feel this information is fair and accurate and we appreciate your consideration in reviewing this request.

Please review and provide a quote as soon as you can. If you have any questions or comments please let me know.

Kind Regards,


Bob Conway
Project Manager
R.C.S. Construction, Inc.



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Select Other Date

Explanation of the Preliminary Monthly Climate Data
(F6) Product

These data are preliminary and have not undergone final quality control by the National Climatic Data Center (NCDC). Therefore, these data are subject to revision. Final and certified climate data can be accessed at the NCDC - <http://www.ncdc.noaa.gov>.

WFO Monthly/Daily Climate Data

000
CXUS53 KUNR 231615
CF6RAP
PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: RAPID CITY AIRPORT SD
MONTH: APRIL
YEAR: 2013
LATITUDE: 44 2 N
LONGITUDE: 103 4 W

TEMPERATURE IN F:					:PCPN:		SNOW:		WIND			:SUNSHINE:			SKY		:PK WND	
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18
										12Z AVG MX 2MIN								
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	51	21	36	-4	29	0	0.00	0.0	0	5.5	14	80	M	M	1		20	50
2	57	20	39	-2	26	0	0.00	0.0	0	4.6	16	140	M	M	0		23	110
3	72	28	50	9	15	0	0.00	0.0	0	12.6	31	360	M	M	2		37	360
4	54	27	41	0	24	0	0.00	0.0	0	8.0	16	120	M	M	1		21	120
5	60	32	46	4	19	0	T	0.0	0	9.6	29	330	M	M	3		37	320
6	68	39	54	12	11	0	0.01	0.0	0	13.2	31	320	M	M	5		41	350
7	59	37	48	6	17	0	0.02	0.0	0	5.2	17	360	M	M	6		23	350
8	46	15	31	-11	34	0	0.20	2.5	0	18.7	38	330	M	M	7	128	47	330
9	17	11	14	-29	51	0	1.21	20.0	8	27.0	37	350	M	M	10	129	43	340
10	25	16	21	-22	44	0	0.25	5.7	20	15.9	26	340	M	M	10	12	32	340
11	32	11	22	-22	43	0	T	T	18	12.8	22	20	M	M	7		25	10
12	37	19	28	-16	37	0	T	T	14	8.9	31	330	M	M	7	1	37	320
13	39	16	28	-16	37	0	0.00	0.0	9	9.5	18	130	M	M	4	12	22	140
14	37	21	29	-15	36	0	T	T	6	24.9	41	340	M	M	7	12	51	340
15	34	19	27	-18	38	0	0.00	0.0	4	19.8	33	350	M	M	4		39	320
16	31	21	26	-19	39	0	0.23	3.4	3	6.5	14	30	M	M	8	1	37	60
17	28	25	27	-19	38	0	0.22	4.0	5	13.2	25	340	M	M	10	12	30	340
18	34	19	27	-19	38	0	T	0.5	6	17.6	30	340	M	M	4	1	36	340
19	38	25	32	-14	33	0	0.06	0.7	3	9.8	28	330	M	M	10	1	32	330
20	53	29	41	-5	24	0	0.03	T	2	7.2	26	190	M	M	8		36	190
21	49	31	40	-7	25	0	0.26	0.6	T	11.7	31	330	M	M	8	1	37	330
22	31	15	23	-24	42	0	0.52	6.0	5	16.3	25	350	M	M	7	12	30	350
SM	952	497			700	0	3.01	43.4	278.5				M		129			
AV	43.3	22.6								12.7	FASTST	M	M	6		MAX(MPH)		
										MISC	---->	# 41	340			# 51	340	

NOTES:

LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6) , PAGE 2

STATION: RAPID CITY AIRPORT SD
 MONTH: APRIL
 YEAR: 2013
 LATITUDE: 44 2 N
 LONGITUDE: 103 4 W

[TEMPERATURE DATA]	[PRECIPITATION DATA]	SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY: 32.9	TOTAL FOR MONTH: 3.01	1 = FOG OR MIST
DPTR FM NORMAL: -10.8	DPTR FM NORMAL: 1.86	2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
HIGHEST: 72 ON 3	GRTST 24HR 1.21 ON 9- 9	3 = THUNDER
LOWEST: 11 ON 11, 9	<u>SNOW, ICE PELLETS, HAIL</u>	4 = ICE PELLETS
	<u>TOTAL MONTH: 43.4 INCHES</u>	5 = HAIL
	GRTST 24HR 20.0 ON 9- 9	6 = FREEZING RAIN OR DRIZZLE
	GRTST DEPTH: 20 ON 10	7 = DUSTSTORM OR SANDSTORM: VSBY 1/2 MILE OR LESS
		8 = SMOKE OR HAZE
		9 = BLOWING SNOW
		X = TORNADO
[NO. OF DAYS WITH]	[WEATHER - DAYS WITH]	
MAX 32 OR BELOW: 6	0.01 INCH OR MORE: 11	
MAX 90 OR ABOVE: 0	0.10 INCH OR MORE: 7	
MIN 32 OR BELOW: 20	0.50 INCH OR MORE: 2	
MIN 0 OR BELOW: 0	1.00 INCH OR MORE: 1	
[HDD (BASE 65)]		
TOTAL THIS MO. 700	CLEAR (SCALE 0-3) 4	
DPTR FM NORMAL 230	PTCLDY (SCALE 4-7) 14	
TOTAL FM JUL 1 6657	CLOUDY (SCALE 8-10) 4	
DPTR FM NORMAL 59		
[CDD (BASE 65)]		
TOTAL THIS MO. 0		
DPTR FM NORMAL 0	[PRESSURE DATA]	
TOTAL FM JAN 1 0	HIGHEST SLP M ON M	
DPTR FM NORMAL 0	LOWEST SLP 29.39 ON 13	
[REMARKS]		



CONSTRUCTION

Robert C. Scull

March 26, 2013

Upper Deck Architects, Inc.
Shawn Gaulrapp
50 Minnesota Street – Suite 1
Rapid City, SD 57701

Re: 2011 Storm Damage Recovery – Roof Replacement
Rapid City, SD
Weather Delays

Dear Shawn,

We are writing in regards to weather delays that we have encountered on the above mentioned project. There have been several days where the high winds have prohibited us from working on the project as we cannot safely be handling long metal roof panels on an elevated surface. We also have had several days with ice/ frost build up that have prohibited us from working safely on the roof. Below is a list of days that we have lost and we have also attached supporting National Weather Service data to show the conditions on those days.

2/5/13 - No Work due to wind. Requesting 1 day.
2/22/13- No Work due to wind. Requesting 1 day.
3/4/13 - No Work due to wind. Requesting 1 day.
3/5/13 - Minimal Work due to wind. Requesting 1/2 day.
3/8/13 - Minimal Work due to wind. Requesting 1/2 day.
3/11/13 - No Work due to wind. Requesting 1 day.
3/12/13 - No Work due to wind. Requesting 1 day.
3/18/13 - No Work due to wind. Requesting 1 day.
3/19/13 - Minimal Work due to wind. Requesting 1/2 day.
3/20/13 - Minimal Work due to ice. Requesting 1/2 day.
3/22/13 - No Work due to ice. Requesting 1 day.
3/25/13 - No Work due to ice. Requesting 1 day.

Per above we are requesting that 10 Days be added to the contract for weather delays that we have received through 3/26/13. We feel this information is fair and accurate and we appreciate your consideration in reviewing this request.

Please review and provide a quote as soon as you can. If you have any questions or comments please let me know.

Kind Regards,

Bob Conway
Project Manager
R.C.S. Construction, Inc.

CC: file



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Phone (605) 342-3787 • Fax (605) 348-4041

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Explanation of the Preliminary Monthly Climate Data
(F6) Product

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WFO Monthly/Daily Climate Data

000
 CXUS53 KUNR 260945
 CF6RAP
 PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: RAPID CITY AIRPORT SD
 MONTH: MARCH
 YEAR: 2013
 LATITUDE: 44 2 N
 LONGITUDE: 103 4 W

TEMPERATURE IN F:					:PCPN:		SNOW:		WIND		:SUNSHINE:			SKY		:PK WND		
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18
										12Z								
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPHTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	47	17	32	1	33	0	0.00	0.0	0	6.5	17	360	M	M	4		25	10
2	63	28	46	15	19	0	0.00	0.0	0	6.6	24	330	M	M	2		29	340
3	60	33	47	16	18	0	T	T	0	11.8	49	330	M	M	3	1	66	330
4	36	18	27	-5	38	0	T	T	0	23.9	40	320	M	M	5	18	54	320
5	32	5	19	-13	46	0	0.00	0.0	0	8.5	29	330	M	M	0		35	320
6	49	9	29	-3	36	0	0.00	0.0	0	9.0	17	140	M	M	0		22	140
7	58	27	43	10	22	0	0.00	0.0	0	12.5	29	350	M	M	1		36	350
8	43	22	33	0	32	0	0.00	0.0	0	5.7	14	120	M	M	1	12	20	100
9	46	25	36	3	29	0	0.00	0.0	0	24.0	45	340	M	M	8	12	55	350
10	43	16	30	-4	35	0	0.00	0.0	0	12.2	29	360	M	M	2		38	360
11	50	22	36	2	29	0	0.00	0.0	0	20.7	41	320	M	M	2		49	320
12	42	21	32	-2	33	0	0.00	0.0	0	17.0	33	330	M	M	1		40	320
13	65	23	44	10	21	0	0.00	0.0	0	6.2	14	320	M	M	4		17	150
14	73	41	57	22	8	0	0.00	0.0	0	7.4	20	340	M	M	1		24	340
15	70	31	51	16	14	0	0.00	0.0	0	13.7	36	330	M	M	0		44	340
16	33	23	28	-7	37	0	0.37	7.0	0	10.8	20	130	M	M	10	128	22	130
17	48	19	34	-2	31	0	0.04	T	7	21.4	48	330	M	M	7	12	60	320
18	40	14	27	-9	38	0	0.00	0.0	0	17.9	36	340	M	M	3		41	340
19	39	10	25	-11	40	0	0.00	0.0	0	15.1	35	330	M	M	0		41	340
20	48	10	29	-8	36	0	0.00	0.0	0	11.3	25	90	M	M	2		37	170
21	45	14	30	-7	35	0	0.11	1.1	0	9.0	25	60	M	M	6	1	29	50
22	37	11	24	-13	41	0	0.27	4.3	1	10.0	30	340	M	M	8	12	36	340
23	26	8	17	-21	48	0	T	T	4	16.2	31	360	M	M	0		37	360
24	21	4	13	-25	52	0	0.01	0.5	2	18.6	33	330	M	M	3	18	39	330
25	31	0	16	-22	49	0	T	T	2	4.7	18	350	M	M	2		22	350
SM	1145	451			820	0	0.80	12.9	320.7				M		75			

AV 45.8 18.0

12.8 FASTST M M 3 MAX(MPH)
MISC ----> # 49 330 # 66 330

NOTES:

LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6) , PAGE 2

STATION: RAPID CITY AIRPORT SD
MONTH: MARCH
YEAR: 2013
LATITUDE: 44 2 N
LONGITUDE: 103 4 W

[TEMPERATURE DATA]

[PRECIPITATION DATA]

SYMBOLS USED IN COLUMN 16

AVERAGE MONTHLY: 31.9
DPTR FM NORMAL: -2.6
HIGHEST: 73 ON 14
LOWEST: 0 ON 25

TOTAL FOR MONTH: 0.80
DPTR FM NORMAL: 0.08
GRTST 24HR 0.37 ON 16-16
SNOW, ICE PELLETS, HAIL
TOTAL MONTH: 12.9 INCHES
GRTST 24HR 7.0 ON 16-16
GRTST DEPTH: 7 ON 17

- 1 = FOG OR MIST
- 2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
- 3 = THUNDER
- 4 = ICE PELLETS
- 5 = HAIL
- 6 = FREEZING RAIN OR DRIZZLE
- 7 = DUSTSTORM OR SANDSTORM: VSBY 1/2 MILE OR LESS
- 8 = SMOKE OR HAZE
- 9 = BLOWING SNOW
- X = TORNADO

[NO. OF DAYS WITH]

[WEATHER - DAYS WITH]

MAX 32 OR BELOW: 4	0.01 INCH OR MORE: 5
MAX 90 OR ABOVE: 0	0.10 INCH OR MORE: 3
MIN 32 OR BELOW: 23	0.50 INCH OR MORE: 0
MIN 0 OR BELOW: 1	1.00 INCH OR MORE: 0

[HDD (BASE 65)]

TOTAL THIS MO. 820	CLEAR (SCALE 0-3) 16
DPTR FM NORMAL 57	PTCLDY (SCALE 4-7) 7
TOTAL FM JUL 1 5809	CLOUDY (SCALE 8-10) 2
DPTR FM NORMAL -164	

[CDD (BASE 65)]

TOTAL THIS MO. 0	[PRESSURE DATA]
DPTR FM NORMAL 0	HIGHEST SLP M ON M
TOTAL FM JAN 1 0	LOWEST SLP 29.37 ON 17
DPTR FM NORMAL 0	

[REMARKS]

