



Document G701™ – 2001

Change Order

PROJECT (Name and address): Rapid City Utility Maintenance Facility Rapid City, South Dakota	CHANGE ORDER NUMBER: 001 DATE: November 25, 2014	OWNER: <input checked="" type="checkbox"/> ARCHITECT: <input checked="" type="checkbox"/> CONTRACTOR: <input checked="" type="checkbox"/> FIELD: <input type="checkbox"/> OTHER: <input type="checkbox"/>
TO CONTRACTOR (Name and address): SECO Construction, Inc. P.O. Box 2921 Rapid City, SD	ARCHITECT'S PROJECT NUMBER: 13373 CONTRACT DATE: September 17, 2014 CONTRACT FOR: General Construction	

THE CONTRACT IS CHANGED AS FOLLOWS:

(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

- CCD #001 - Contaminated soils - Add \$1,710.00
- RFP #1 - City comments - Add: \$1,252.00
- RFP #2 - Unit Price Adjustments; Add: \$189,054.20
 - Unit Price 2.1 - Import fill and place only; \$9.09/CY
 - Unit Price 2.2 - No on site material can be obtained.
 - Unit Price 2.3 - Filter fabric atop stabilization rock; \$2.16/SY (\$1,080.00/Roll)
 - Unit Price 2.4 - Import engineered fill; \$31.25/CY
- RFP #3 - Remove large concrete pieces - Add: \$710.00
- RFP #4 - Under slab vapor piping - Add: \$17,724.00
- RFP #5 - Hardware change - Deduct: (\$39.00)
- Total Add: \$210,411.20

The original Contract Sum was	\$ 4,288,000.00
The net change by previously authorized Change Orders	\$ 0.00
The Contract Sum prior to this Change Order was	\$ 4,288,000.00
The Contract Sum will be increased by this Change Order in the amount of	\$ 210,411.20
The new Contract Sum including this Change Order will be	\$ 4,498,411.20

The Contract Time will be increased by Zero (0) days.
 The date of Substantial Completion as of the date of this Change Order therefore is September 1, 2015.

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.

Upper Deck Architects, Inc. ARCHITECT (Firm name)	SECO Construction, Inc. CONTRACTOR (Firm name)	City of Rapid City OWNER (Firm name)
50 Minnesota Street, Suite 1 Rapid City, SD 57701 ADDRESS	P.O. Box 2921 Rapid City, SD ADDRESS	300 6th Street Rapid City, SD 57701 ADDRESS
 BY (Signature)	 BY (Signature)	 BY (Signature)
Jerry Eisenbraun (Typed name)	Neal Schlottman (Typed name)	 (Typed name)
11/26/14 DATE	11-25-14 DATE	 DATE

CCD #001



UPPER DECK
ARCHITECTS, INC.

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

Jerry D. Eisenbraun

From: Johnson Rod <Rod.Johnson@rcgov.org>
Sent: Wednesday, November 26, 2014 11:54 AM
To: Jerry D. Eisenbraun; jfoster@fmgengineering.com
Cc: Neal Schlottman
Subject: RE: Proposals for CCD #1 and RFP #2.4 Engineered Fill Placement, RCUMF

Jerry,

The \$1710.00 price for CCD #1 is acceptable. Please include this in Change Order #1.

If FMG concurs with the \$16.48 unit price, we can include RFP 2.4 in the change order also.

Based on the 9000 CY in the Contract, there should be a deduct of 120 CY of engineered fill @ \$36.00 = \$4320

The stabilization rock should be 2991 @ \$38.70 = \$115,751.70.

RJ

From: Jerry D. Eisenbraun [<mailto:jerrye@upperdeckarchitects.com>]
Sent: Wednesday, November 26, 2014 11:33 AM
To: Johnson Rod; jfoster@fmgengineering.com
Subject: FW: Proposals for CCD #1 and RFP #2.4 Engineered Fill Placement, RCUMF

Rod and Jerry,
Attached is SECO's pricing for the Construction Change Order and the pricing to provide engineered fill without excavation.

Jerry, can you review the engineered fill pricing?

Jerry D. Eisenbraun
Project Manager

From: Neal Schlottman [<mailto:neals@secoconstruction.com>]
Sent: Wednesday, November 26, 2014 10:20 AM
To: Jerry D. Eisenbraun
Subject: Proposals for CCD #1 and RFP #2.4 Engineered Fill Placement, RCUMF

Jerry,

Please see attached.

Neal A. Schlottman – President

SECO Construction, Inc.
P.O. Box 2921
Rapid City, SD 57709

Work (605) 348-7085 FAX (605) 348-8287
Email: neals@secoconstruction.com



P.O. BOX 2921 RAPID CITY, SD 57709 (605)348-7085 FAX (605)348-8287

November 26, 2014

VIA EMAIL

Mr. Jerry Eisenbraun
Upper Deck Architects, Inc.
50 Minnesota Street, Suite 1
Rapid City, SD 57701

Subject: Proposal for CCD #1, Rapid City Utility Maintenance Facility, Rapid City, SD

Dear Jerry,

The additional work required to haul the excavated contaminated materials to the landfill is complete. The cycle time was essentially the same as to the original disposal site. There were delays for returned loads and for weighing time at the state weigh station. The additional costs associated with Construction Change Directive No. 1 are \$1,710.00. The cost summary sheet for this work and associated documentation are enclosed for your review.

Please include this extra work in the next contract change order.

Sincerely,
SECO Construction, Inc.

A handwritten signature in black ink, appearing to read "Neal A. Schlottman".

Neal A. Schlottman
President

enclosures



SECO Construction, Inc.
 CONSTRUCTION CHAGNE DIRECTIVE COST SUMMARY
 Rapid City Utility Maintenance Facility

Construction Change Directive No. 1

<u>Subcontractors</u>	<u>Work Description</u>	<u>Amount</u>
Iron Horse Excavating	Additional Haul Costs to Landfill	1,375.00
SUBCONTRACTOR SUBTOTAL		1,375.00
<u>GC Labor</u>		
Project Manager and Superintendent		120.00
LABOR SUBTOTAL		120.00
<u>GC Materials</u>		
MATERIAL SUBTOTAL		-
Sales Tax	6.00%	-
LABOR SUBTOTAL		120.00
GC Overhead	8%	9.60
SUBCONTRACTOR TOTAL		1,375.00
SUBTOTAL		1,504.60
GC Profit	10%	150.46
SUBTOTAL		1,655.06
Bond/Insurance	1.25%	20.69
State Excise Tax	2.041%	34.20
TOTAL		1,709.95
TOTAL THIS PROPOSAL		\$ 1,710

IRON HORSE EXCAVATING, INC.

8520 Kings Court
 Rapid City, SD 57702

Estimate

DATE	ESTIMATE NO.
11/12/2014	RC Maint.

NAME / ADDRESS
SECO Construction Attn : Neal Re: Rapid City Maint. Bld.

			PROJECT
DESCRIPTION	QTY	COST	TOTAL
Request for change order City of Rapid City Maintenance Building for extras to haul contaminated dirt and debris to the City of Rapid City Landfill as follows:			
Excavator hourly rate to drain water from material and on-site separation of debris from dirt.	3	165.00	495.00
11-3-14 Dump truck hourly rate for six trucks loaded and sent to landfill and then sent back to job site and dumped out. Then separated material to dry out dirt and reloaded and sent back to landfill.	6	80.00	480.00
11-5-14 Dump truck hourly rate for seven trucks delayed at the SD Highway Patrol an extra 20 minutes each for on two trips. The scale opened at 3:00 p.m. and we loaded until 5:00 p.m.	5	80.00	400.00
Sales Tax		4.00%	0.00
		TOTAL	\$1,375.00

AIA Document G714™ – 2007

Construction Change Directive

PROJECT: <i>(Name and address)</i> Rapid City Utility Maintenance Facility Rapid City, South Dakota	DIRECTIVE NUMBER: 001 DATE: October 31, 2014 CONTRACT FOR: General Construction	OWNER: <input checked="" type="checkbox"/>
TO CONTRACTOR: <i>(Name and address)</i> SECO Construction, Inc. P.O. Box 2921 Rapid City, SD	CONTRACT DATED: September 17, 2014 ARCHITECT'S PROJECT NUMBER: 13373	ARCHITECT: <input checked="" type="checkbox"/> CONSULTANT: <input type="checkbox"/> CONTRACTOR: <input checked="" type="checkbox"/> FIELD: <input type="checkbox"/> OTHER: <input type="checkbox"/>

You are hereby directed to make the following change(s) in this Contract:
(Describe briefly any proposed changes or list any attached information in the alternative)

As of this date, it has been determined that on-site existing contaminated excavation material may be delivered to the city landfill. Route to city landfill is approximately the same distance as Contractor's original off-site location. However, cost associated with additional route time per load is undetermined at this time. Direction is given to dispose of material and any additional time and cost associated shall be resolved between all parties at a later date in order to not delay or further delay construction schedule.

PROPOSED ADJUSTMENTS

1. The proposed basis of adjustment to the Contract Sum or Guaranteed Maximum Price is:
 - Lump Sum decrease of \$0.00
 - Unit Price of \$ per
 - As provided in Section 7.3.3 of AIA Document A201-2007
 - As follows: To be determined

2. The Contract Time is proposed to (be unchanged). The proposed adjustment, if any, is to be determined.

When signed by the Owner and Architect and received by the Contractor, this document becomes effective IMMEDIATELY as a Construction Change Directive (CCD), and the Contractor shall proceed with the change(s) described above.

Contractor signature indicates agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this CCD.

<u>Upper Deck Architects, Inc.</u> ARCHITECT <i>(Firm name)</i> 50 Minnesota Street, Suite 1, Rapid City, SD 57701 ADDRESS BY <i>(Signature)</i> Terry D. Eisenbraun <i>(Typed name)</i> <u>10/31/14</u> DATE	<u>City of Rapid City</u> OWNER <i>(Firm name)</i> 300 6th Street Rapid City, SD 57701 ADDRESS BY <i>(Signature)</i> Rodney Johnson <i>(Typed name)</i> <u>10-31-14</u> DATE	<u>SECO Construction, Inc.</u> CONTRACTOR <i>(Firm name)</i> P.O. Box 2921, Rapid City, SD ADDRESS BY <i>(Signature)</i> Neal A. Schlottman <i>(Typed name)</i> <u>10-31-2014</u> DATE
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RFP #001



UPPER DECK
ARCHITECTS, INC.

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

Jerry D. Eisenbraun

From: Johnson Rod <Rod.Johnson@rcgov.org>
Sent: Monday, November 03, 2014 8:13 AM
To: Jerry D. Eisenbraun
Subject: RE: RCUMF RFP #1 recommendation

The proposal is acceptable. Please include this item in the next change order.

RJ

From: Jerry D. Eisenbraun [<mailto:jerrye@upperdeckarchitects.com>]
Sent: Monday, November 03, 2014 7:50 AM
To: Johnson Rod
Subject: RCUMF RFP #1 recommendation

Rod,
Attached is our recommendation for RFP #1. Please review and let us know if this is acceptable.

Jerry D. Eisenbraun
Project Manager

UPPER DECK ARCHITECTS, INC.

50 Minnesota Street - Suite 1
Rapid City, SD 57701

PH (605) 721-0237 **FX** (605) 721-0240

Visit us at: www.upperdeckarchitects.com

RFP #001 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: Rapid City Utility Maintenance Facility Project #: 13373

From: Jerry D. Eisenbraun Date: 11/3/2014

Content: RFP #001 Recommendation

Rod:

Attached is the pricing information from SECO Construction, Inc. for Proposal Request No. 1 – Provide benches, ADA lockers, and exist signs as required per City of Rapid City Building Inspection review comments. We and our consultants have reviewed this RFP and find it to be commensurate with the work required.

We recommend acceptance of RFP #001 for a cost **add of \$1,252.00**. If this is acceptable, please forward to us your decision regarding this item, and we will ensure this is incorporated into the next change order.

Sincerely,
Jerry D. Eisenbraun



P.O. BOX 2921 RAPID CITY, SD 57709 (605)348-7085 FAX (605)348-8287

October 31, 2014

VIA EMAIL

Mr. Jerry Eisenbraun
Upper Deck Architects, Inc.
50 Minnesota Street, Suite 1
Rapid City, SD 57701

Subject: Proposal for RFP #1, Rapid City Utility Maintenance Facility, Rapid City, SD

Dear Jerry,

We propose to provide the bench, locker and sign revisions as outlined in Request for Proposal #1 dated September 26, 2014 for an additional cost of \$1,252.00. The estimate cost summary sheet for this work and associated documentation are enclosed for your review.

The work outlined in this proposal request will not require a contract time change if we receive written notice to proceed on this proposal no later than November 14, 2014.

Sincerely,
SECO Construction, Inc.

A handwritten signature in black ink, appearing to read "Neal A. Schlottman".

Neal A. Schlottman
President

enclosures



SECO Construction, Inc.
 REQUEST FOR PROPOSAL COST SUMMARY
 Rapid City Utility Maintenance Facility

Proposal Request No. 1

<u>Work Description</u>	<u>Amount</u>
<u>Subcontractors</u>	
Combined Building Specialties - Add Two (2) ADA Benches	698.00
Combined Building Specialties - Covert Three (3) Lockers to ADA Accessible	80.00
Al Sutton Electric - Verify Light Levels at Exit Signs	50.00
SUBCONTRACTOR SUBTOTAL	828.00
<u>GC Labor</u>	
Additional Supervision - 1 Hr @ \$60.00	60.00
Install Exit Signs - 2 Each x \$30	60.00
LABOR SUBTOTAL	120.00
<u>GC Materials</u>	
Exit Signs - Combined Building Specialties	118.00
Tapcon Fasteners	8.00
MATERIAL SUBTOTAL	126.00
Sales Tax 6.00%	7.56
LABOR SUBTOTAL	120.00
GC Overhead 8%	20.28
SUBCONTRACTOR TOTAL	828.00
SUBTOTAL	1,101.84
GC Profit 10%	110.18
SUBTOTAL	1,212.03
Bond/Insurance 1.25%	15.15
State Excise Tax 2.041%	25.05
TOTAL	1,252.23
TOTAL THIS PROPOSAL	\$ 1,252

Building Specialties
Equipment
Installation
Service



**COMBINED
BUILDING
SPECIALTIES**



516 N. GARFIELD CIRCLE
SIOUX FALLS, SD 57104
phone: (605) 331-6904 fax: (605) 331-6913
email: sales@combinedbuilding.com
website: www.combinedbuilding.com

JOB NUMBER: SSX1422842 JOB NAME: RC Utility Maint Facility
LOCATION: Rapid City, SD
TO: SECO CONSTRUCTION LETTING DATE: 10/02/2014
PROPOSAL DATE: 09/09/2014
P O BOX 2921
RAPID CITY, SD 57709-2921

We propose to furnish the following, subject to all the terms and conditions stated herein:

SECTION		BID AMOUNT
Base Bid		
RFP #1.1	Add ADA Benches Total cost to add (2) ADA Benches with Wall Mount Brackets. Price includes installation and contractors use tax. No excise tax.	\$698.00
RFP #1.2	ADA Compliant Lockers Total add to make (3) lockers ADA Compliant. Price includes contractors use tax. No excise tax.	\$80.00
RFP #1.3	Exit Signs Quoting: (2) Exit Signs that point down the stairs. These signs glow in the dark for up to 10 hours.	\$118.00 6% sales tax #7.08 <u>#125.08</u>

COMBINED BUILDING SPECIALTIES

PROPOSAL: SSX1422842

STRUCTURE: RC Utility Maint Facility

(Page 2)

SECTION

BID AMOUNT

No sales tax or special tax included, unless indicated above.

We acknowledge addenda nos. 1, 2 bidding manufacturer's standard colors only.

Prices are F.O.B. JOBSITE

THIS PROPOSAL FOR ACCEPTANCE WITHIN 30 DAYS

Submitted by:

Brian
(Print name)

Brian Clinger
(Signature)

10/2/14
(Date)

Accepted by:

(Print name)

(Signature)

(Date)

AL SUTTON ELECTRIC, INC.

PO Box 3538
Rapid City, SD 57709

Office (605) 341-5300
Fax (605) 342-1686

October 7, 2014

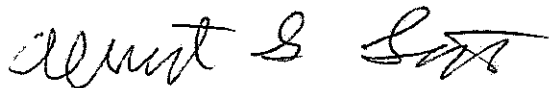
Seco Construction

RE: City of Rapid City, Utility Maintenance Facility RFP 001

Price for RFP 1- check light levels at exit sign
1 hr labor @ \$50.00

Total price for RFP 1- \$50.00

Thanks,



Albert G. Sutton
President
Al Sutton Electric



Document G709™ – 2001

Work Changes Proposal Request

PROJECT (Name and address):
Rapid City Utility Maintenance
Facility
Rapid City, South Dakota

PROPOSAL REQUEST NUMBER: 001

OWNER:

ARCHITECT:

CONSULTANT:

CONTRACTOR:

FIELD:

OTHER:

DATE OF ISSUANCE: September 26, 2014

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

CONTRACT FOR: General Construction

CONTRACT DATE: September 17, 2014

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

ARCHITECT'S PROJECT NUMBER: 13373

TO CONTRACTOR (Name and address):
SECO Construction, Inc.
P.O. Box 2921
Rapid City, SD 57709

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):

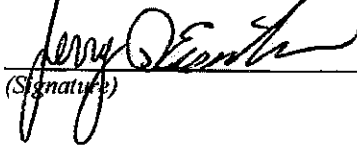
Changes are required to comply with City of Rapid City building permit comments.

1. Provide and install two (2) 20" x 42" ADA benches as shown and detailed on attached Drawings A1 and A2.
2. Provide three (3) ADA compliant lockers in Men's and Women's Locker Room where shown per attached Drawing A1.
3. Provide an exit sign mounted on the walls (at columns 1 and 3.1) at the top of each mezzanine stair (arrow pointed down stairs) in compliance with IBC. Externally illuminate to 5 f-c by the adjacent fixture F3. Measure and confirm fixture type F3 provides at least 5 f-c on the face of the sign.

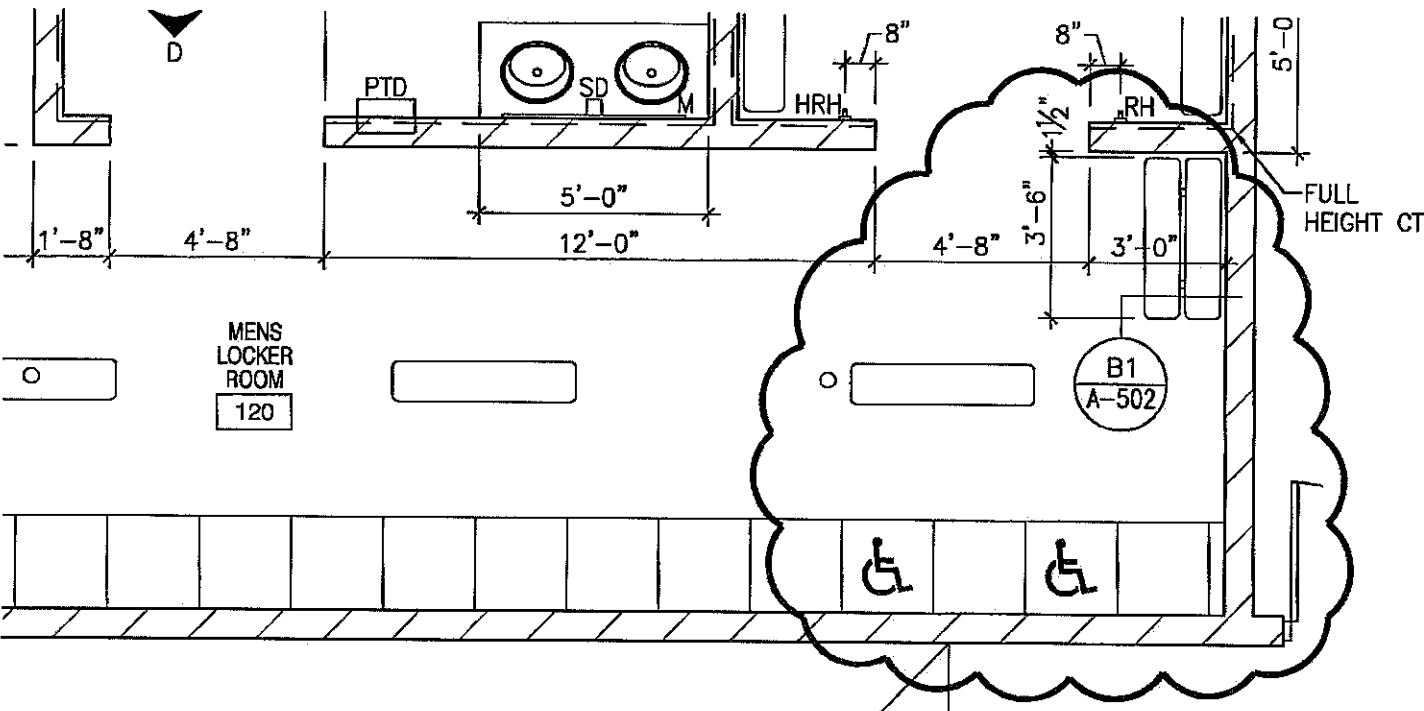
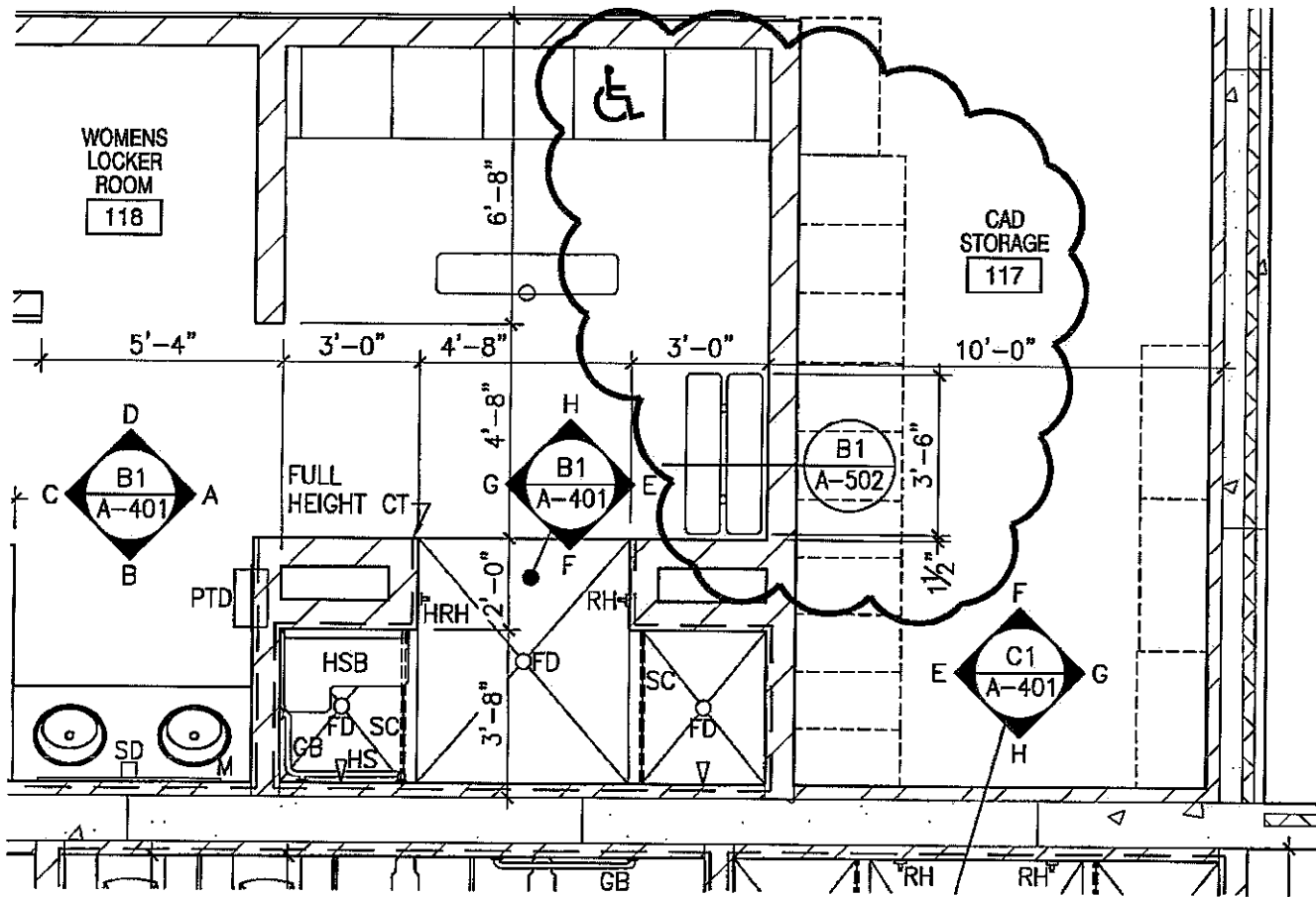
ATTACHMENTS (List attached documents that support description):

A1, A2

REQUESTED BY THE ARCHITECT:

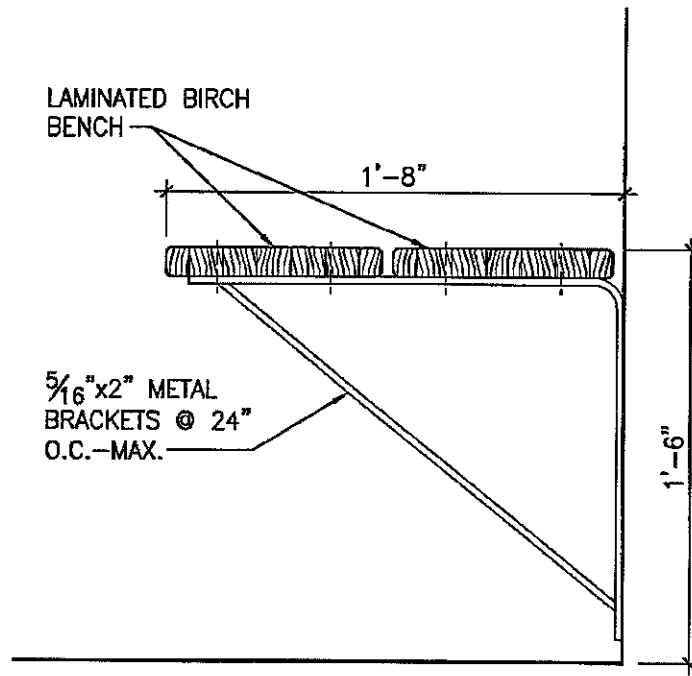

(Signature)

Jerry Eisenbraun, Project Manager
(Printed name and title)




 50 MINNESOTA BV. - SUITE 1
 RAPID CITY, SD 57701
 PH: 605 721-0237
 FAX: 605 721-0240
UPPER DECK
 ARCHITECTS, INC.

RFP #: 1	CITY OF RAPID CITY UTILITY MAINTENANCE FACILITY	13373	A1
REVISED ENLARGED PLAN - C5/A-401			
Scale: 1/4" = 1'-0"	DATE: 09/26/14		



B1 **BENCH DETAIL**

SCALE: 1 1/2" = 1'-0"



RFP #: 1	CITY OF RAPID CITY UTILITY MAINTENANCE FACILITY	13373	A2
NEW DETAIL - B1/A-502			
Scale: AS PER TITLE TAG	DATE: 09/26/14		



RFP #002



UPPER DECK
ARCHITECTS, INC.

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

Jerry D. Eisenbraun

From: Johnson Rod <Rod.Johnson@rcgov.org>
Sent: Wednesday, November 26, 2014 11:54 AM
To: Jerry D. Eisenbraun; jfoster@fmgengineering.com
Cc: Neal Schlottman
Subject: RE: Proposals for CCD #1 and RFP #2.4 Engineered Fill Placement, RCUMF

Jerry,

The \$1710.00 price for CCD #1 is acceptable. Please include this in Change Order #1.

If FMG concurs with the \$16.48 unit price, we can include RFP 2.4 in the change order also.

Based on the 9000 CY in the Contract, there should be a deduct of 120 CY of engineered fill @ \$36.00 = \$4320

The stabilization rock should be 2991 @ \$38.70 = \$115,751.70.

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Rod and Jerry,

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Jerry, can you review the engineered fill pricing?

Jerry D. Eisenbraun
Project Manager

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Sent: Wednesday, November 26, 2014 10:20 AM
To: Jerry D. Eisenbraun
Subject: Proposals for CCD #1 and RFP #2.4 Engineered Fill Placement, RCUMF

Jerry,

Please see attached.

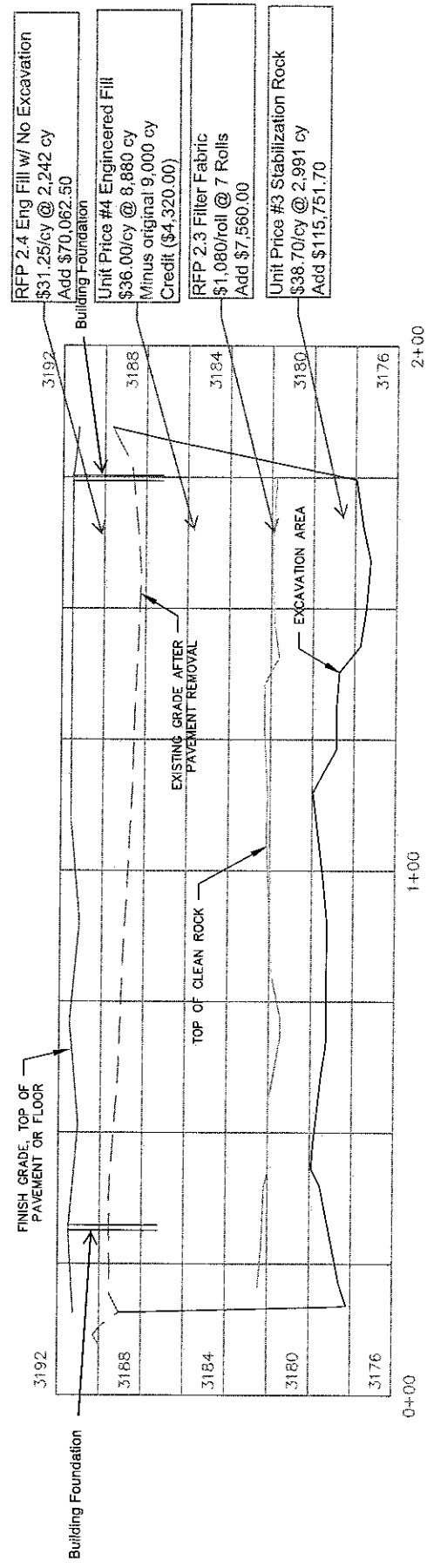
Neal A. Schlottman – President

SECO Construction, Inc.
P.O. Box 2921
Rapid City, SD 57709

Work (605) 348-7085 FAX (605) 348-8287
Email: neals@secoconstruction.com

Example of Excavation Section Showing Various Surveyed Surfaces

- existing grade after concrete pavement removal
- top of clean rock (stabilization rock)
- sides and bottom of excavation





P.O. BOX 2921 RAPID CITY, SD 57709 (605)348-7085 FAX (605)348-8287

November 6, 2014

VIA EMAIL

Mr. Jerry Eisenbraun
Upper Deck Architects, Inc.
50 Minnesota Street, Suite 1
Rapid City, SD 57701

Subject: Proposal for RFP #2, Rapid City Utility Maintenance Facility, Rapid City, SD

Dear Jerry,

We propose to provide the following work on a Unit Price basis as described herein in response to Request for Proposal #2 dated October 16, 2014. The estimate cost summary sheets for this work and associated documentation are enclosed for your review.

Unit Price RFP 2.1 – Import fill and place only. No excavation and export of existing onsite material.
UNIT PRICE – \$9.09/CY

Unit Price RFP 2.2 – No proposal is being made as there is no onsite material that is satisfactory for reuse.

Unit Price RFP 2.3 – Install filter fabric on top of stabilization rock. Unit price is only valid for full roll quantities.
UNIT PRICE – \$2.16/SY (\$1,080.00/Roll)

The work outlined in this proposal request will not require a contract time change. Some of the work associated with this proposal has been installed based on verbal direction from the Owner. Please provide written acceptance of these unit prices as soon as possible and incorporate them into the contract by change order.

Sincerely,
SECO Construction, Inc.

A handwritten signature in black ink, appearing to read "Neal A. Schlottman", is written over a horizontal line.

Neal A. Schlottman
President

enclosures



SECO Construction, Inc.
 REQUEST FOR PROPOSAL COST SUMMARY
 Rapid City Utility Maintenance Facility

Proposal Request No. 2.1 - Unit Price for Imported Fill

<u>Subcontractors</u>	<u>Work Description</u>	<u>Amount</u>
Iron Horse Excavating	Import Fill and Place, No Excavation or Off Haul	8.00
SUBCONTRACTOR SUBTOTAL		8.00
<u>GC Labor</u>		
LABOR SUBTOTAL		-
<u>GC Materials</u>		
MATERIAL SUBTOTAL		-
Sales Tax	6.00%	-
LABOR SUBTOTAL		-
GC Overhead	8%	-
SUBCONTRACTOR TOTAL		8.00
SUBTOTAL		8.00
GC Profit	10%	0.80
SUBTOTAL		8.80
Bond/Insurance	1.25%	0.11
State Excise Tax	2.041%	0.18
TOTAL		9.09
TOTAL THIS PROPOSAL		\$9.09/CY

SECO Construction, Inc.
 REQUEST FOR PROPOSAL COST SUMMARY
 Rapid City Utility Maintenance Facility

Proposal Request No. 2.3 - Unit Price for Filter Fabric

<u>Subcontractors</u>	<u>Work Description</u>	<u>Amount</u>
Iron Horse Excavating	Install Filter Fabric Over Stabilization Rock Full Roll Quantity Only - 500 SY/Roll	1.90
SUBCONTRACTOR SUBTOTAL		1.90
<u>GC Labor</u>		
LABOR SUBTOTAL		-
<u>GC Materials</u>		
MATERIAL SUBTOTAL		-
Sales Tax	6.00%	-
LABOR SUBTOTAL		-
GC Overhead	8%	-
SUBCONTRACTOR TOTAL		1.90
SUBTOTAL		1.90
GC Profit	10%	0.19
SUBTOTAL		2.09
Bond/Insurance	1.25%	0.03
State Excise Tax	2.041%	0.04
TOTAL		2.16
TOTAL THIS PROPOSAL		\$2.16/SY \$1,080.00/Roll

IRON HORSE EXCAVATING, INC.

8520 Kings Court
 Rapid City, SD 57702

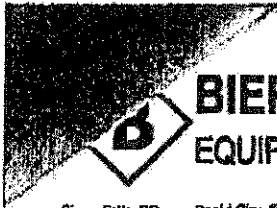
Estimate

DATE	ESTIMATE NO.
10/30/2014	RFP #2

NAME / ADDRESS
SECO Construction Attn : Neal Re: Rapid City Maint. Bld.

PROJECT

DESCRIPTION	QTY	COST	TOTAL
Supply Imported Material For Onsite Backfill - Price Per CY		8.00	8.00
Install Filter Fabric Per SQYD		1.90	1.90
Sales Tax		4.00%	0.00
		TOTAL	\$9.90



**BIERSCHBACH
EQUIPMENT & SUPPLY**

Sioux Falls, SD (605) 532-4466 Rapid City, SD (605) 348-4440 Sioux City, IA (712) 252-0640 Fargo, ND (701) 692-0855 Dickinson, ND (701) 483-3184

REMIT TO: P.O. Box 1444 · Sioux Falls, SD 57101-1444

SOLD TO: IRON HORSE EXCAVATING, INC

**8520 KINGS CT
RAPID CITY, SD 57702**

SALES INVOICE

Date 10/14/2014	Invoice No. 02 593540
Customer Order No. MIKE	Shipped Via WILL CALL
Ordered By MIKE	Date Shipped 10/14/2014
Invoice Written By ROD MCCLURE	Ship To CITY
Account No. 009020	Sales Order No. 923609
Comments:	

SHIP TO:

Ordered	Shipped	Back Ordered	Part Number Description & Serial No.	Unit Price	Extended Price
2	2		180N 15X300/500SY 180N FABRIC	545.000	1090.00
Comments			ALL ITEMS LISTED ABOVE RECEIVED IN GOOD CONDITION. ALL SHORTAGES AND CLAIMS MUST BE REPORTED WITHIN 5 DAYS FROM RECEIPT OF SHIPMENT, ALL RETURNS SUBJECT TO A RESTOCKING CHARGE.	Total Freight	.00
Received By			<p>WITH RESPECT TO THE PRODUCTS SET FORTH HEREIN THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER WARRANTY OF ANY KIND WHATSOEVER, SAVE AND EXCEPT SUCH WARRANTIES AS MAY BE MADE BY THE MANUFACTURER OF THE PRODUCT. PURCHASER ACKNOWLEDGES THAT SUCH WARRANTIES ARE AVAILABLE TO IT FROM SOURCE. IN NO EVENT SHALL SELLER BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES.</p> <p>TERMS: Net 10th Prox. An interest charge of 2% per month (24% per year) will be added to past due accounts (\$5 minimum interest charge per month).</p>	Sales Tax	65.40
				Invoice Total	1155.40



**BIERSCHBACH
EQUIPMENT & SUPPLY**

Sioux Falls, SD (605) 332-4466 Rapid City, SD (605) 348-6440 Sioux City, IA (712) 252-8640 Fargo, ND (701) 492-0855 Dickinson, ND (701) 483-8184

REMIT TO: P.O. Box 1444 · Sioux Falls, SD 57101-1444


SOLD TO: IRON HORSE EXCAVATING, INC

8520 KINGS CT
RAPID CITY, SD 57702

SALES INVOICE

Date 11/19/2014	Invoice No. 02 595695
Customer Order No. ASHLEY	Shipped Via WILL CALL
Ordered By ASHLEY	Date Shipped 11/19/2014
Invoice Written By BRAD WILLITS	Job No. CITY MAINT.
Account No. 009020	Setup Order No. 928802
Comments:	

SHIP TO:

Ordered	Shipped	Back Ordered	Part Number Description & Serial No.	Unit Price	Extended Price
1	1		180N 15X300/500SY 180N FABRIC	550.000	550.00
			<p>QUEST has the most complete line of rugged, high performance climate control equipment for the construction industry.</p>		
Comments			<p>ALL ITEMS LISTED ABOVE RECEIVED IN GOOD CONDITION. ALL SHORTAGES AND CLAIMS MUST BE REPORTED WITHIN 5 DAYS FROM RECEIPT OF SHIPMENT. ALL RETURNS SUBJECT TO A RESTOCKING CHARGE.</p> <p>WITH RESPECT TO THE PRODUCTS SET FORTH HEREIN, THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY, OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER WARRANTY OF ANY KIND WHATSOEVER, SAVE AND EXCEPT SUCH WARRANTIES AS MAY BE MADE BY THE MANUFACTURER OF THE PRODUCT. PURCHASER ACKNOWLEDGES THAT SUCH WARRANTIES ARE AVAILABLE TO IT UPON REQUEST. IN NO EVENT SHALL SELLER BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES.</p>	Total Freight	.00
Received By: 			<p>Terms: Net 10th Prox. An interest charge of 2% per month (24% per year) will be added to past due accounts (\$5 minimum interest charge per month)</p>	Sales Tax	33.00
				Invoice Total	583.00



**BIERSCHBACH
EQUIPMENT & SUPPLY**

Sioux Falls, SD (605) 332-4466 Rapid City, SD (605) 348-6440 Sioux City, IA (712) 252-0640 Fargo, ND (701) 492-0855 Dickinson, ND (701) 483-3184

REMIT TO: P.O. Box 1444 · Sioux Falls, SD 57101-1444


SOLD TO: IRON HORSE EXCAVATING, INC

8520 KINGS CT
RAPID CITY, SD 57702

SALES INVOICE

Date 11/19/2014	Invoice No. 02 595696
Customer Order No. JAKE	Shipped Via WILL CALL
Ordered By JAKE	Date Shipped 11/19/2014
Invoice Written By ROD MCCLURE	Job No. RC MAINT.
Account No. 009020	Sales Order No. 928862
Comments:	

SHIP TO:

Ordered	Shipped	Back Ordered	Part Number Description & Serial No.	Unit Price	Extended Price
1	1		180N 15X300/500SY 180N FABRIC	550.000	550.00
			<p>QUEST has the most complete line of rugged, high performance climate control equipment for the construction industry.</p>		
Comments			<p>ALL ITEMS LISTED ABOVE RECEIVED IN GOOD CONDITION. ALL SHORTAGES AND CLAIMS MUST BE REPORTED WITHIN 5 DAYS FROM RECEIPT OF SHIPMENT. ALL RETURNS SUBJECT TO A RESTOCKING CHARGE.</p> <p>WITH RESPECT TO THE PRODUCTS SET FORTH HEREIN, THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY, OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER WARRANTY OF ANY KIND WHATSOEVER, SAVE AND EXCEPT SUCH WARRANTIES AS MAY BE MADE BY THE MANUFACTURER OF THIS PRODUCT. PURCHASER ACKNOWLEDGES THAT SUCH WARRANTIES ARE AVAILABLE TO IT UPON REQUEST. IN NO EVENT SHALL SELLER BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES.</p>	Total Freight	.00
<p>Received by: </p>			<p>Terms: Net 10th Prox. An interest charge of 2% per month (24% per year) will be added to past due accounts (\$5 minimum interest charge per month)</p>	Sales Tax	33.00
				Invoice Total	583.00



**BIERSCHBACH
EQUIPMENT & SUPPLY**

Sioux Falls, SD (605) 332-4466 Rapid City, SD (605) 348-6440 Sioux City, IA (712) 252-0640 Fargo, ND (701) 492-0836 Dickinson, ND (701) 483-3184

REMIT TO: P.O. Box 1444 · Sioux Falls, SD 57101-1444

SOLD TO: IRON HORSE EXCAVATING, INC

8520 KINGS CT
RAPID CITY, SD 57702

SALES INVOICE

Date 10/24/2014	Invoice No. 02 594261
Customer Order No. ASHLEY	Shipped Via WILL CALL
Ordered By ASHLEY	Date Shipped 10/24/2014
Invoice Written By BRAD WILLITS	Job No. CITY MAINTANCE
Account No. 009020	Sales Order No. 925627
Comments:	

SHIP TO:

Ordered	Shipped	Back Ordered	Part Number Description & Serial No.	Unit Price	Extended Price	
1	1		180N 15X300/500SY 180N FABRIC	550.000	550.00	
Comments			ALL ITEMS LISTED ABOVE RECEIVED IN GOOD CONDITION. ALL SHORTAGES AND CLAIMS MUST BE REPORTED WITHIN 5 DAYS FROM RECEIPT OF SHIPMENT. ALL RETURNS SUBJECT TO A RESTOCKING CHARGE.	Total Freight	.00	
Received By			WITH RESPECT TO THE PRODUCTS SET FORTH HEREIN, THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY, OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER WARRANTY OF ANY KIND. BUYER, SAVE AND EXCEPT SUCH WARRANTIES AS MAY BE MADE BY THE MANUFACTURER OF THE PRODUCT, PURCHASER ACKNOWLEDGES THAT SUCH WARRANTIES ARE AVAILABLE TO IT UPON REQUEST. IN NO EVENT SHALL SELLER BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES.	Terms: Net 10th Prox. An interest charge of 2% per month (24% per year) will be added to past due accounts (\$5 minimum interest charge per month).	Sales Tax	33.00
				Invoice Total	583.00	



BIERSCHBACH EQUIPMENT & SUPPLY

Sioux Falls, SD
(605) 332-4866

Rapid City, SD
(605) 368-6660

Sioux City, IA
(712) 252-4041

Fargo, ND
(701) 492-0855

Dickinson, ND
(701) 483-3184

REMIT TO: P.O. Box 1444 - Sioux Falls, SD 57101-1444

SOLD TO: IRON HORSE EXCAVATING, INC
8520 KINGS CT
RAPID CITY, SD 57702

SALES ORDER

Date 11/03/2014	Invoice No.
Customer Order No. TRAVIS	Shipped Via WILL CALL
Ordered By TRAVIS	Date Shipped 11/03/2014
Invoice Written By BRAD WILLITS	Job No. CITY MAINT.
Account No. 009020	Sales Order No. 926947
Comments.	

SHIP TO:

Ordered	Shipped	Back Ordered	Part Number Description & Serial No.	Unit Price	Extended Price
1			180N 15X300/500SY 180N FABRIC	550.000	550.00
Comments			<p>QUEST has the most complete line of rugged, high performance climate control equipment for the construction industry.</p> <p>ALL ITEMS LISTED ABOVE RECEIVED IN GOOD CONDITION. ALL SHORTAGES AND CLAIMS MUST BE REPORTED WITHIN 5 DAYS FROM RECEIPT OF SHIPMENT. ALL RETURNS SUBJECT TO A RESTOCKING CHARGE.</p> <p>WITH RESPECT TO THE PRODUCTS SET FORTH HEREIN, THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY, OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER WARRANTY OF ANY KIND WHATSOEVER, SAVE AND EXCEPT SUCH WARRANTIES AS MAY BE MADE BY THE MANUFACTURER OF THE PRODUCT PURCHASER. ACKNOWLEDGES THAT SUCH WARRANTIES ARE AVAILABLE TO IT UPON REQUEST. IN NO EVENT SHALL SELLER BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES.</p>	Total Freight	.00
Received By			<p>Terms: Net 10th Prox. An interest charge of 2% per month (24% per year) will be added to past due accounts (\$5 minimum interest charge per month).</p>	Sales Tax	33.00
				Invoice Total	583.00



BIERSCHBACH EQUIPMENT & SUPPLY

Sioux Falls, SD (605) 332-4488 Rapid City, SD (605) 348-1440 Sioux City, IA (712) 252-0640 Fargo, ND (701) 492-0855 Dickinson, ND (701) 463-3184

REMIT TO: P.O. Box 1444 : Sioux Falls, SD 57101-1444

SOLD TO: IRON HORSE EXCAVATING, INC
8520 KINGS CT
RAPID CITY, SD 57702

SALES ORDER

Date 11/06/2014	Invoice No.
Customer Order No HARLEE	Shipped Via WILL CALL
Ordered By HARLEE	Date Shipped 11/06/2014
Invoice Written By BRAD WILLITS	Job No. RC MATINTNANCE
Account No 009020	Sales Order No. 927449
Comments:	

SHIP TO:

Ordered	Shipped	Back Ordered	Part Number	Unit Price	Extended Price
			Description & Serial No.		
1	1		180N 15X300/500SY 180N FABRIC	550.000	550.00
			<p>QUEST has the most complete line of rugged, high performance climate control equipment for the construction industry.</p>		
Comments			<p>ALL ITEMS LISTED ABOVE RECEIVED IN GOOD CONDITION. ALL SHORTAGES AND CLAIMS MUST BE REPORTED WITHIN 5 DAYS FROM RECEIPT OF SHIPMENT. ALL RETURNS SUBJECT TO A RESTOCKING CHARGE.</p>	Total Freight	.00
Received By			<p>WITH RESPECT TO THE PRODUCTS SET FORTH HEREIN, THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY, OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER WARRANTY OF ANY KIND WHATSOEVER, SAVE AND EXCEPT SUCH WARRANTIES AS MAY BE MADE BY THE MANUFACTURER OF THE PRODUCT. PURCHASER ACKNOWLEDGES THAT SUCH WARRANTIES ARE AVAILABLE TO IT UPON REQUEST. IN NO EVENT SHALL SELLER BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES.</p>	<p>Terms: Net 10th Prox. An interest charge of 2% per month (24% per year) will be added to past due accounts (\$5 minimum interest charge per month)</p>	<p>Sales Tax 33.00</p> <p>Invoice Total 583.00</p>



P.O. BOX 2921 RAPID CITY, SD 57709 (605)348-7085 FAX (605)348-8287

November 26, 2014

VIA EMAIL

Mr. Jerry Eisenbraun
Upper Deck Architects, Inc.
50 Minnesota Street, Suite 1
Rapid City, SD 57701

Subject: **REVISED** Proposal for RFP #2.4, Rapid City Utility Maintenance Facility,
Rapid City, SD

Dear Jerry,

We propose to provide the following work on a Unit Price basis as discussed in addition to the unit prices described in Request for Proposal #2 dated October 16, 2014. The estimate cost summary sheets for this work and associated documentation are enclosed for your review.

Unit Price RFP 2.4 – Import engineered fill and place only. No excavation and export of existing onsite material. **UNIT PRICE – \$31.25/CY**

The work outlined in this proposal request will not require a contract time change. Please provide written acceptance of this unit price as soon as possible and incorporate it into the next contract change order.

Sincerely,
SECO Construction, Inc.

A handwritten signature in black ink, appearing to read "Neal A. Schlottman".

Neal A. Schlottman
President

enclosures



SECO Construction, Inc.
 REQUEST FOR PROPOSAL COST SUMMARY
 Rapid City Utility Maintenance Facility

Proposal Request No. 2.4 - Unit Price for Engineered Fill Placement

<u>Subcontractors</u>	<u>Work Description</u>	<u>Amount</u>
Iron Horse Excavating	Import Engineered Fill and Place, No Excavation or Off Haul	27.50
SUBCONTRACTOR SUBTOTAL		27.50
<u>GC Labor</u>		
LABOR SUBTOTAL		-
<u>GC Materials</u>		
MATERIAL SUBTOTAL		-
Sales Tax	6.00%	-
LABOR SUBTOTAL		-
GC Overhead	8%	-
SUBCONTRACTOR TOTAL		27.50
SUBTOTAL		27.50
GC Profit	10%	2.75
SUBTOTAL		30.25
Bond/Insurance	1.25%	0.38
State Excise Tax	2.041%	0.63
TOTAL		31.25
TOTAL THIS PROPOSAL		\$31.25/CY

IRON HORSE EXCAVATING, INC.

8520 Kings Court
Rapid City, SD 57702

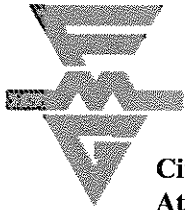
Estimate

DATE	ESTIMATE NO.
11/26/2014	Eng. Fill

NAME / ADDRESS
SECO Construction Attn : Neal Re: Rapid City Maint. Bld.

PROJECT

DESCRIPTION	QTY	COST	TOTAL
Engineered fill hauled and installed in place - quantity to be determined price is per yard	1	27.50	27.50
Sales Tax		4.00%	0.00
TOTAL			\$27.50



FMG. INC. 3700 Sturgis Road, Rapid City, South Dakota 57702-0317 605/342-4105
FAX 605/342-4222

City of Rapid City
Attn: **Mr. Rodney Johnson**
Operations Management Engineer
300 Sixth Street
Rapid City, SD 57701

November 24, 2014

**Re: Calculation of the Building Pad Earthwork Quantities
Rapid City Utility Maintenance Facility
Rapid City, South Dakota**

Dear Rod:

As requested, FMG, Inc. has completed the calculation of the building pad earthwork quantities for the referenced project. In order to calculate the various volumes we had to survey the following items.

- Survey top of existing subgrade after existing concrete pavement had been removed.
- Survey perimeter, sides and bottom of building pad excavation.
- Survey top of minus 8 inch clean rock used to stabilize bottom of excavation.

Once the final survey information had been obtained the data was entered into AutoCAD Civil 3D using the TIN Volume Surface Method. The various volumes that were calculated are as follows.

- ❖ **Quantity No. 1 – Total Excavated Material: 11,871 cubic yards**
-includes entire building pad excavation, from top of subgrade beneath existing concrete pavement subgrade to bottom of excavation.
- ❖ **Quantity No. 2 – Minus 8 inch Stabilization Rock: 2,991 cubic yards**
-includes volume of clean rock from top of stabilization rock to bottom of excavation.
- ❖ **Quantity No. 3 – Engineered Fill Material: 11,122 cubic yards**
-includes volume of engineered fill material from bottom of the floor slab to the bottom of the excavation, including the volume of exterior foundation wall backfill, but minus the volume of stabilization rock and the concrete foundations.

Attached, please find several drawings that will hopefully help to visualize the total depth of the excavation and how the thickness of the stabilization rock and engineered fill materials varied.

If you have any questions, or desire any additional information, please call us at your earliest convenience. *Thank you for the opportunity to be of service.*

Sincerely,

FMG Inc.,

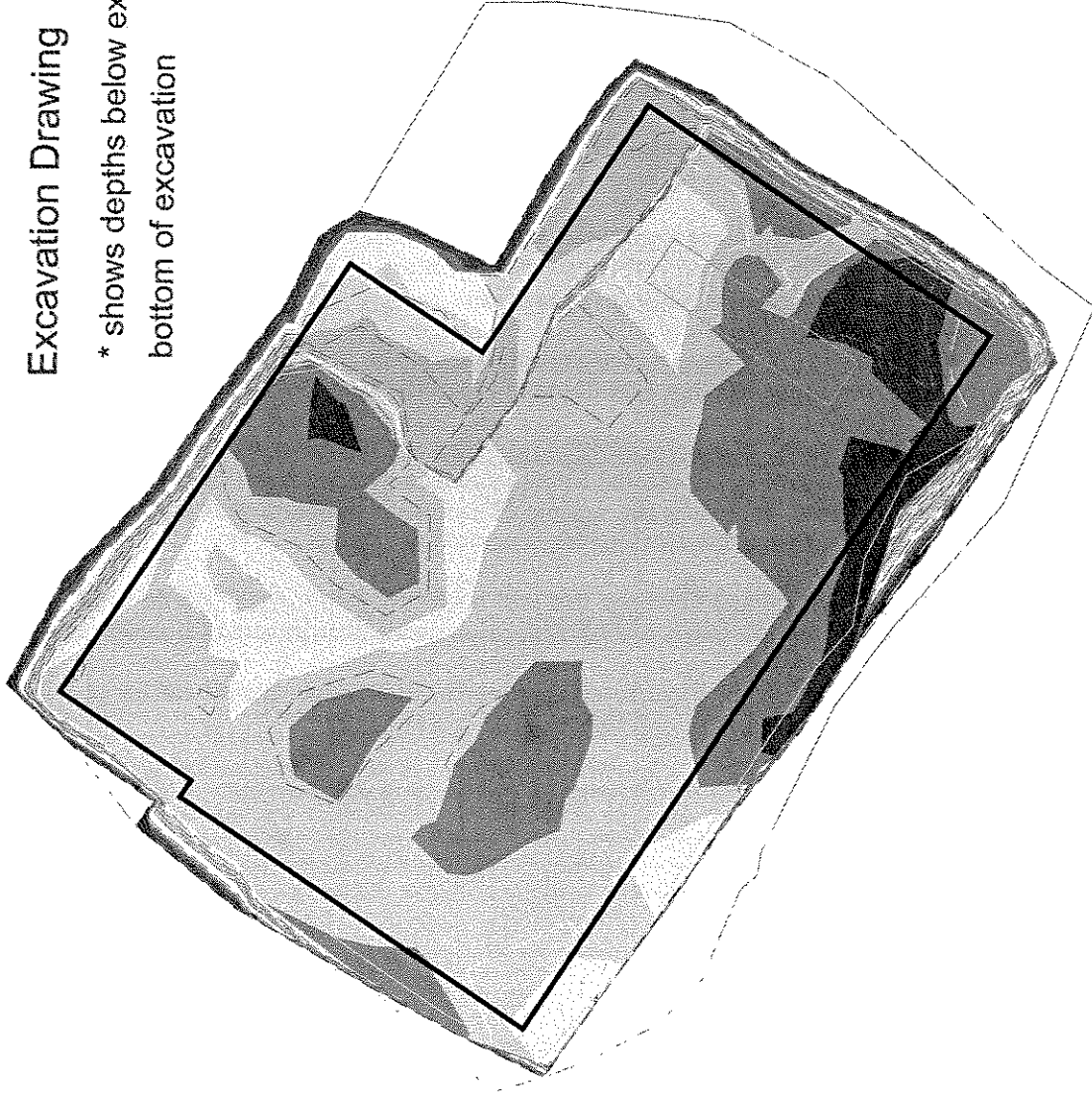
James J. Trudeau

Enclosures

C: Mr. Jerry Eisenbraun/Upper Deck Architects
Mr. Neal Schlottman/SECO Construction
Projects\130271.01\Task 9 Quantity Calculations Letter

Excavation Drawing

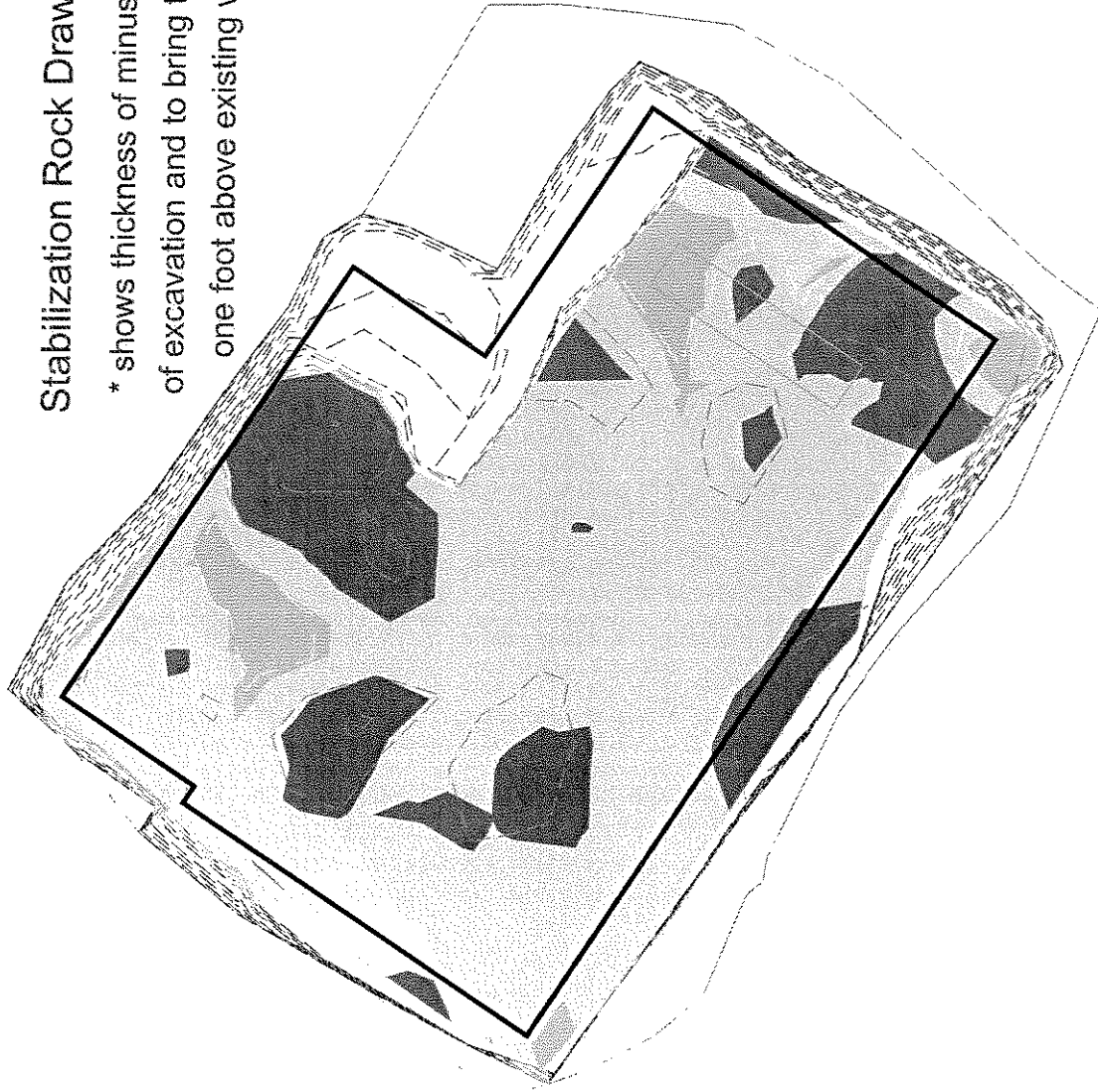
* shows depths below existing concrete pavement subgrade to bottom of excavation



Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-13.00	-12.00	[Color swatch]
2	-12.00	-11.00	[Color swatch]
3	-11.00	-10.00	[Color swatch]
4	-10.00	-9.00	[Color swatch]
5	-9.00	-8.00	[Color swatch]
6	-8.00	-7.00	[Color swatch]
7	-7.00	-6.00	[Color swatch]
8	-6.00	-5.00	[Color swatch]
9	-5.00	-4.00	[Color swatch]
10	-4.00	-3.00	[Color swatch]
11	-3.00	-2.00	[Color swatch]
12	-2.00	-1.00	[Color swatch]
13	-1.00	0.00	[Color swatch]
14	0.00	1.00	[Color swatch]

Stabilization Rock Drawing

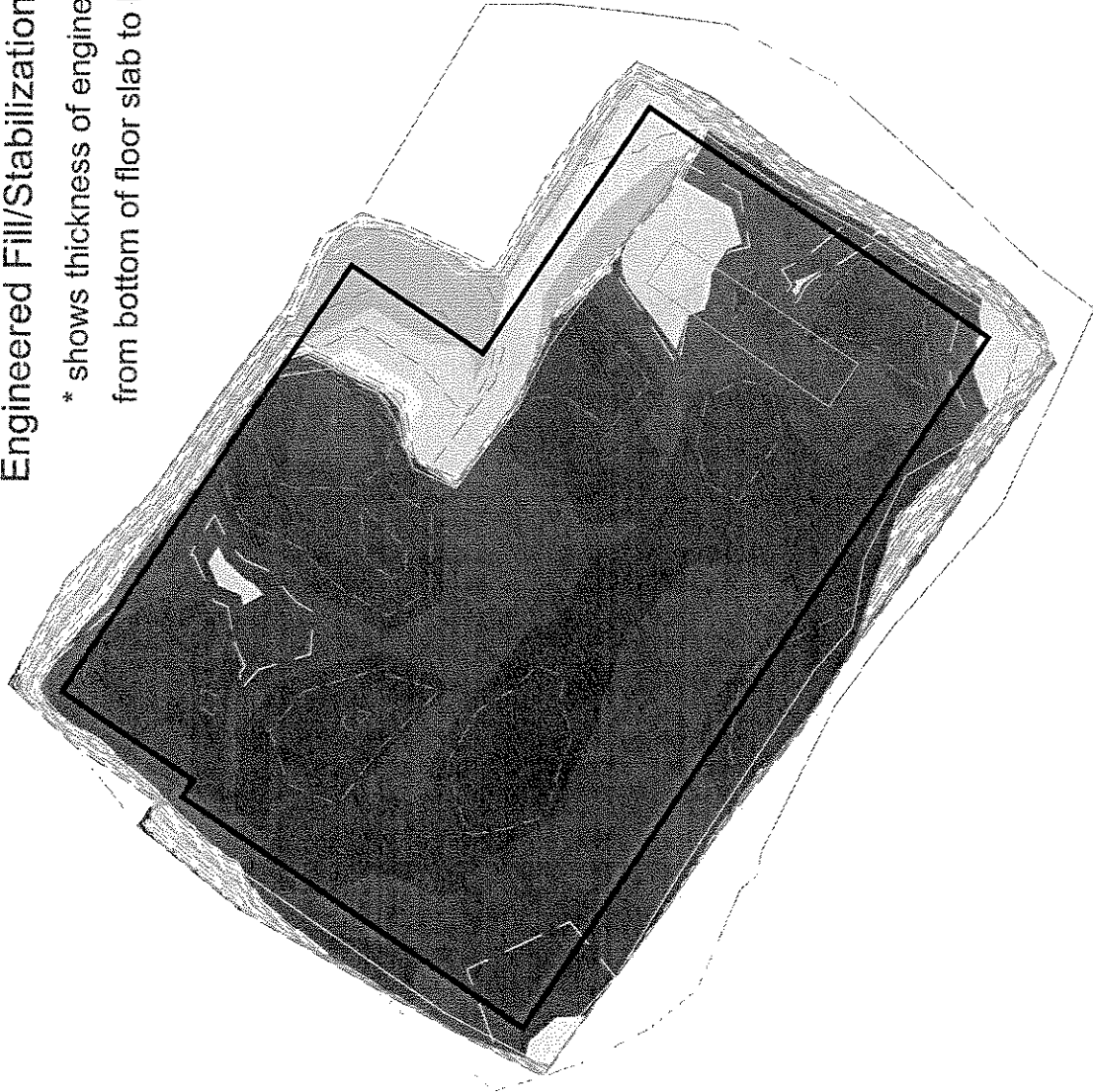
* shows thickness of minus 8 inch rock placed to stabilize bottom of excavation and to bring top of stabilization rock approximately one foot above existing water table



Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	0.00	1.00	[Pattern]
2	1.00	2.00	[Pattern]
3	2.00	3.00	[Pattern]
4	3.00	4.00	[Pattern]
5	4.00	5.00	[Pattern]

Engineered Fill/Stabilization Rock Drawing

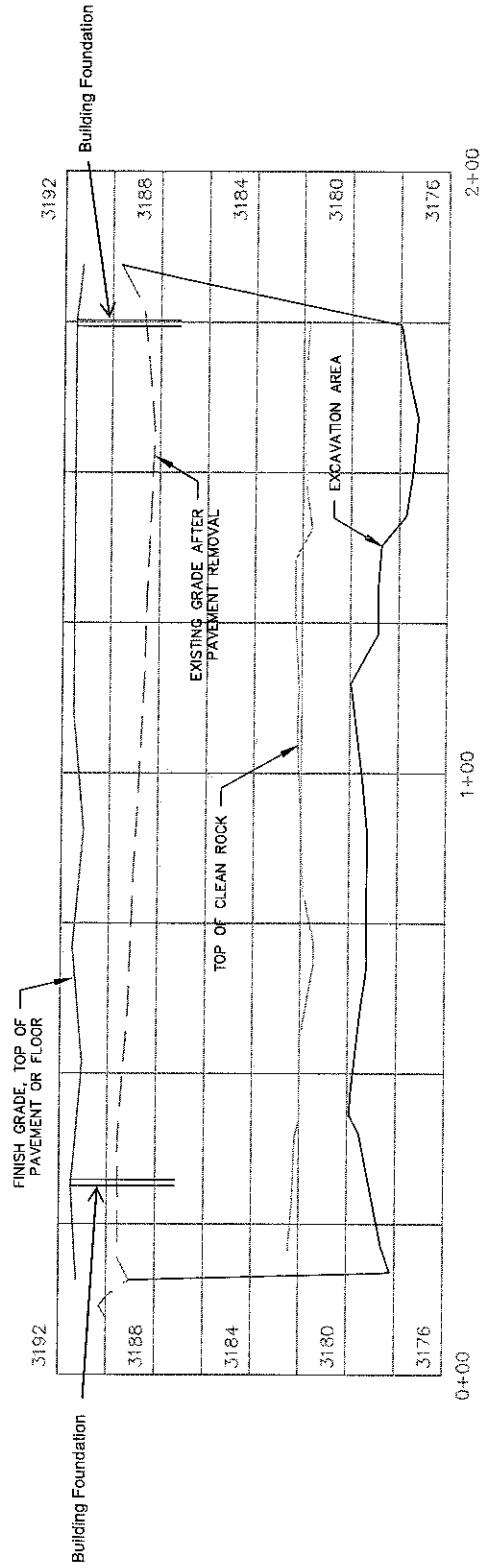
* shows thickness of engineered fill & stabilization rock measured from bottom of floor slab to bottom of excavation.



Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-1.00	0.00	[Color swatch]
2	0.00	1.00	[Color swatch]
3	1.00	2.00	[Color swatch]
4	2.00	3.00	[Color swatch]
5	3.00	4.00	[Color swatch]
6	4.00	5.00	[Color swatch]
7	5.00	6.00	[Color swatch]
8	6.00	7.00	[Color swatch]
9	7.00	8.00	[Color swatch]
10	8.00	9.00	[Color swatch]
11	9.00	10.00	[Color swatch]
12	10.00	11.00	[Color swatch]
13	11.00	12.00	[Color swatch]
14	12.00	13.00	[Color swatch]
15	13.00	14.00	[Color swatch]
16	14.00	15.00	[Color swatch]

Example of Excavation Section Showing Various Surveyed Surfaces

- existing grade after concrete pavement removal
- top of clean rock (stabilization rock)
- sides and bottom of excavation





Document G709™ – 2001

Work Changes Proposal Request

PROJECT (Name and address):
Rapid City Utility Maintenance
Facility
Rapid City, South Dakota

PROPOSAL REQUEST NUMBER: 002

OWNER:

ARCHITECT:

DATE OF ISSUANCE: October 16, 2014

CONSULTANT:

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

CONTRACT FOR: General Construction

CONTRACTOR:

CONTRACT DATE: September 17, 2014

FIELD:

OTHER:

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

ARCHITECT'S PROJECT NUMBER: 13373

TO CONTRACTOR (Name and address):
SECO Construction, Inc.
P.O. Box 2921
Rapid City, SD

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 unit costs for the following items:

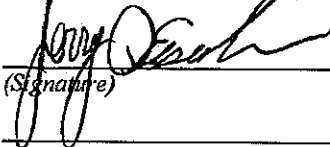
1. Unit price per CY - Removal of existing fill and replacement with onsite fill material.
2. Unit price per CY - Removal of existing fill and replacement with imported fill deemed satisfactory by the geotechnical engineer.
3. Unit price per SY - Install 8 oz. non-woven filter fabric over top of 8 inch minus stabilization rock and prior to placing engineered fill

The fill these unit prices pertain to, is the fill that sits on top of the engineered fill; which will be above the bottom of footing elevation on the exterior side.

ATTACHMENTS (List attached documents that support description):

N/A

REQUESTED BY THE ARCHITECT:


(Signature)

Jerry Eisenbraun, Project Manager
(Printed name and title)

RFP #003



UPPER DECK
ARCHITECTS, INC.

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

Jerry D. Eisenbraun

From: Johnson Rod <Rod.Johnson@rcgov.org>
Sent: Tuesday, November 04, 2014 8:55 AM
To: Jerry D. Eisenbraun
Subject: RE: RCUMF RFP #003 Recommendation

RFP 3 is acceptable. Please include it in the next change order.

RJ

From: Jerry D. Eisenbraun [<mailto:jerrye@upperdeckarchitects.com>]
Sent: Tuesday, November 04, 2014 8:21 AM
To: Johnson Rod
Subject: RCUMF RFP #003 Recommendation

Rod,
Attached is our recommendation for RFP #003 for your review. Please let us know if this is acceptable.

Jerry D. Eisenbraun
Project Manager

UPPER DECK ARCHITECTS, INC.

50 Minnesota Street - Suite 1
Rapid City, SD 57701
SPH (605) 721-0237 **EFX** (605) 721-0240
Visit us at: www.upperdeckarchitects.com

RFP #003 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: Rapid City Utility Maintenance Facility Project #: 13373

From: Jerry D. Eisenbraun Date: 11/4/2014

Content: RFP #003 Recommendation

Rod:

Attached is the pricing information from SECO Construction, Inc. for Proposal Request No. 3 – Remove and dispose of two concrete filled oil / sand separators. Work required for these two items exceed what would be expected for standard removal of concrete foundations. These oil / sand separators were filled with concrete and buried under existing floor slab and were not discovered until excavation began. We have reviewed this RFP and find it to be commensurate with the work required.

We recommend acceptance of RFP #003 for a cost **add of \$710.00**. If this is acceptable, please forward to us your decision regarding this item, and we will ensure this is incorporated into the next change order.

Sincerely,
Jerry D. Eisenbraun



P.O. BOX 2921 RAPID CITY, SD 57709 (605)348-7085 FAX (605)348-8287

October 31, 2014

VIA EMAIL

Mr. Jerry Eisenbraun
Upper Deck Architects, Inc.
50 Minnesota Street, Suite 1
Rapid City, SD 57701

Subject: Proposal for RFP #3, Rapid City Utility Maintenance Facility, Rapid City, SD

Dear Jerry,

We propose to provide the removal of the concrete as outlined in Request for Proposal #3 dated October 16, 2014 for an additional cost of \$710.00. The estimate cost summary sheet for this work and associated documentation are enclosed for your review.

The work outlined in this proposal request will not require a contract time change if we receive written notice to proceed on this proposal no later than November 14, 2014.

Sincerely,
SECO Construction, Inc.

A handwritten signature in black ink, appearing to read "Neal A. Schlottman".

Neal A. Schlottman
President

enclosures



SECO Construction, Inc.
 REQUEST FOR PROPOSAL COST SUMMARY
 Rapid City Utility Maintenance Facility

Proposal Request No. 3

<u>Subcontractors</u>	<u>Work Description</u>	<u>Amount</u>
Iron Horse Excavating	Breakup and Removal Concrete	625.00
SUBCONTRACTOR SUBTOTAL		625.00
<u>GC Labor</u>		
LABOR SUBTOTAL		-
<u>GC Materials</u>		
MATERIAL SUBTOTAL		-
Sales Tax	6.00%	-
LABOR SUBTOTAL		-
GC Overhead	8%	-
SUBCONTRACTOR TOTAL		625.00
SUBTOTAL		625.00
GC Profit	10%	62.50
SUBTOTAL		687.50
Bond/Insurance	1.25%	8.59
State Excise Tax	2.041%	14.21
TOTAL		710.30
TOTAL THIS PROPOSAL		\$ 710

IRON HORSE EXCAVATING, INC.

8520 Kings Court
Rapid City, SD 57702

Estimate

DATE	ESTIMATE NO.
10/30/2014	RFP #3

NAME / ADDRESS
SECO Construction Attn : Neal Re: Rapid City Maint. Bld.

PROJECT

DESCRIPTION	QTY	COST	TOTAL
Bobcat hourly rate	4	75.00	300.00
325 Excavator hourly rate	1	165.00	165.00
Dump truck hourly rate	2	80.00	160.00
Sales Tax		4.00%	0.00
TOTAL			\$625.00



AIA[®]

Document G709™ – 2001

Work Changes Proposal Request

PROJECT (Name and address):
Rapid City Utility Maintenance
Facility
Rapid City, South Dakota

PROPOSAL REQUEST NUMBER: 003

OWNER:

ARCHITECT:

DATE OF ISSUANCE: October 16, 2014

CONSULTANT:

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

CONTRACT FOR: General Construction

CONTRACTOR:

CONTRACT DATE: September 17, 2014

FIELD:

OTHER:

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

ARCHITECT'S PROJECT NUMBER: 13373

TO CONTRACTOR (Name and address):
SECO Construction, Inc.
P.O. Box 2921
Rapid City, SD

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 costs to remove and dispose of two (2) concrete filled oil/sand separators, discovered during foundation excavation. Size of concrete pieces are 4'x4'x 8' and 4'x4'x17'.

ATTACHMENTS (List attached documents that support description):

N/A

REQUESTED BY THE ARCHITECT:


(Signature)

Jerry Eisenbraun, Project Manager
(Printed name and title)



RFP #004



UPPER DECK
ARCHITECTS, INC.

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

Jerry D. Eisenbraun

From: Johnson Rod <Rod.Johnson@rcgov.org>
Sent: Friday, November 21, 2014 1:37 PM
To: Jerry D. Eisenbraun; Alex Fisher; JTrudeau@fmgengineering.com
Cc: Van Cleave Dave; Wagner John; Wolterstorff Terry
Subject: FW: RCUMF RFP #004 Recommendation
Attachments: RFP #004 Recommendation.pdf

Please add this to the next change order.

Here are my thoughts on the bay areas: At a minimum, I think we should use clean rock (8"-12") under the concrete. I think we could also add some capped 4" pipe penetrations through the floor along the inside perimeter of the outside walls. That way, we could monitor any fumes under the slab and vent them to the outside if necessary. The vapor barrier and under-floor piping might be unnecessary in this area.

Other thoughts?

RJ

From: Jerry D. Eisenbraun [<mailto:jerrye@upperdeckarchitects.com>]
Sent: Friday, November 21, 2014 12:39 PM
To: Johnson Rod
Subject: RCUMF RFP #004 Recommendation

Rod,

Attached is our recommendation for RFP #004. Please review and let us know if this is acceptable. If so, we will include in this next change order.

We have not yet issued an RFP to add the vent piping and vapor barrier under the vehicle bays. Based on the costs received for RFP #4, we estimate that it will cost an addition \$39,000. Square footage is double what is in #4 plus we will have no credit for omission of vapor barrier. Let us know if this is something that you would still like to pursue.

Jerry D. Eisenbraun
Project Manager

UPPER DECK ARCHITECTS, INC.

50 Minnesota Street - Suite 1
Rapid City, SD 57701

PH (605) 721-0237

FX (605) 721-0240

Visit us at: www.upperdeckarchitects.com

RFP #004 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: Rapid City Utility Maintenance Facility Project #: 13373

From: Jerry D. Eisenbraun Date: 11/21/2014

Content: RFP #004 Recommendation

Rod:

Attached is the pricing information from SECO Construction, Inc. for Proposal Request No. 4 – Install under slab PVC vent piping and modify vapor retarder. Modification is to alleviate possible VOC migration to occupied spaces due to contaminated spoils below building. We and our consultants have reviewed this RFP and find it to be commensurate with the work required.

We recommend acceptance of RFP #004 for a cost **add of \$17,724.00**. If this is acceptable, please forward to us your decision regarding this item, and we will ensure this is incorporated into the next change order.

Sincerely,
Jerry D. Eisenbraun



P.O. BOX 2921 RAPID CITY, SD 57709 (605)348-7085 FAX (605)348-8287

November 21, 2014

VIA EMAIL

Mr. Jerry Eisenbraun
Upper Deck Architects, Inc.
50 Minnesota Street, Suite 1
Rapid City, SD 57701

Subject: Proposal for RFP #4, Rapid City Utility Maintenance Facility, Rapid City, SD

Dear Jerry,

We propose to provide the underfloor ventilation system as outlined in Request for Proposal #4 dated November 4, 2014 for an additional cost of \$17,724.00. The estimate cost summary sheet for this work and associated documentation are enclosed for your review.

The work outlined in this proposal request will not require a contract time change if we receive written notice to proceed on this proposal no later than November 28, 2014.

Sincerely,
SECO Construction, Inc.

A handwritten signature in black ink, appearing to read "Neal A. Schlottman", is written over a horizontal line.

Neal A. Schlottman
President

enclosures



SECO Construction, Inc.
 REQUEST FOR PROPOSAL COST SUMMARY
 Rapid City Utility Maintenance Facility

Proposal Request No. 4

<u>Subcontractors</u>	<u>Work Description</u>	<u>Amount</u>
Iron Horse Excavating	1" Clean Rock vs. Engineered Fill at Pipe Area	1,984.04
Midwestern Mechanical	Piping System for Underfloor Ventilation	7,550.00
Black Hills Roofing	Flashing Additional Vent Penetrations	85.00
SUBCONTRACTOR SUBTOTAL		9,619.04
<u>GC Labor</u>		
Additional Installation Labor VB10 vs. VB Plus Barrier Materials 61.5 Hr @ \$40.00		2,460.00
LABOR SUBTOTAL		2,460.00
<u>GC Materials</u>		
Delete VaporBlock 10 - 3 Rolls (3000 SF/Roll) @ \$330.00		(990.00)
Add VaporBlock Plus - 6 Rolls (1500 SF/Roll) @ \$540.00		3,240.00
Delete Standard Seam Tape for VB10 - 4 Rolls @ \$32.00		(128.00)
Add TVBP 4" Wide Seam Tape for VB Plus - 10 Rolls @ \$40.00		400.00
Add TP2-BR Double Beam Butyl Seam Tape x 50' - 18 Rolls @ \$21.00		378.00
MATERIAL SUBTOTAL		2,900.00
Sales Tax	6.00%	174.00
LABOR SUBTOTAL		2,460.00
GC Overhead	8%	442.72
SUBCONTRACTOR TOTAL		9,619.04
SUBTOTAL		15,595.76
GC Profit	10%	1,559.58
SUBTOTAL		17,155.34
Bond/Insurance	1.25%	214.44
State Excise Tax	2.041%	354.52
TOTAL		17,724.29
TOTAL THIS PROPOSAL		\$ 17,724

IRON HORSE EXCAVATING, INC.

Rapid City, SD 57702

Estimate

DATE	ESTIMATE NO.
11/18/2014	RFP #4

NAME / ADDRESS
SECO Construction Attn : Neal Re: Rapid City Maint. Bld.

PROJECT

DESCRIPTION	QTY	COST	TOTAL
RFP #4 Install 8" Of Clean Rock For Floor Piping	386	5.14	1,984.04
Sales Tax		4.00%	0.00
TOTAL			\$1,984.04

MIDWESTERN MECHANICAL, INC.

Rapid City Utility Maintenance Facility		BID SUMMARY		Drain Tile 4" Perf. Sch.40 PVC U.G.	
PR#4	27,040	10/10/14		PVC/DWW A.G. No Excavation.	
Chad M. Seminger	1			Crew Size:	1.47
Version: 02.05.14 (Rapid City)					11:16 AM
DIRECT COSTS		RATE	COST		
11/10/2014					
Material Cost			2,644		
Sales Tax		6.00%	159		
Labor	57	\$57.00	3,249		
Overtime	0	\$85.50	0		
Travel Time	0	\$57.00	0		
Subsistence	Y/N	N	\$5.00	0	
Inspection Fees	0	\$5.00	0		
Backhoe Rental	0	\$30.84	0		
Wacker Packer Rental	0	\$9.38	0		
Backfill Material Per Ton	0	\$0.00	0		
Tool & Equipment Rental (Ctrl A)			0		
Administration	1.00	\$80.00	80		
Truck Expense		7.50%	244		
Tools		3.00%	97		
Fuel Surcharge per mile	0	\$0.10	0		
TOTAL DIRECT COSTS			6,473		
SUBCONTRACTS		(Y)	CONTRACTOR	PRICE	Per Sq Foot
Sewer & Water				0	
Insulation				0	
Ventilation				0	
Temperature Control				0	
Energy Management				0	
Balancing				0	
Fire Protection				0	
Gas Service				0	
Electrical				0	
Paint				0	
Water Treatment				0	
Concrete Pads				0	
Crane				0	
Temp Facilities				0	
Floor Out & Patch				0	
Fire Caulk				0	
Water Entrance				0	
MMM Fire Protection				0	
TOTAL SUBCONTRACTS				0	
					Per Sq Foot
<u>Plumbing</u>	Total Direct Costs		6,473		
2,009	Overhead	8.00%	518		
0.07	Margin	8.00%	559	0.28	
<u>Heating</u>	Total Subcontractors		0		
5,541	Margin	10.00%	0		
0.20	SUBTOTAL		7,550		
	Excise	0.00%	0		
	Bond	0.00%	0		
	Engineering	0.00%	0		
	PHCC	0.00%	0		
	SUBTOTAL		7,550	0.28	
	Manual Adjustment		0		
	GRAND TOTAL		7,550	0.28	
Calculated Crew Size	1.47				
Adjusted Crew Size	2				
Labor Mult.	1.00				

MIDWESTERN MECHANICAL, INC.

** MATERIAL & LABOR RECAP **					
Rapid City Utility Maintenance Facility					
PR#4					
11:16 AM					
11/10/2014					
System Used (Y)	Core Drilling Cost Per Hole	\$228	57	LABOR	57
	Fire Caulk Cost Per Hole	\$83	GROSS	MULT	ADJ
	EQUIPMENT	MATERIAL	LABOR	1.00	LABOR
	Plumbing Fixtures (Ctrl F)				
	Drains (Ctrl D)				
	Plumbing Equip #1 (Ctrl P)	719	4		4
	Plumbing Equip #2 (Ctrl T)				
	Heating Equip #1 (Ctrl H)				
	Heating Equip #2 (Ctrl M)				
	Quotation Variances (Ctrl Q)				
	Demolition (Ctrl J)				
	Core Drilling	54	3		3
	Fire Caulk	24	1		1
	Machine Excavation (Ctrl E)		0		
	Hand Excavation (Ctrl E)		0		
	SYSTEM	SPEC'S			
	AWWA				
	AWWU				
	CA				
	CD				
	CHW				
	CHWUG				
	CW				
	CWUG				
	DCW				
	DCWUG				
	DI / RO				
Y	DRN TILE	Sch.40 Perf.PVC&PVC	1,847	49	49
	FLUE CA				
	FLUE EXH				
	FOS/R				
	FOS/R UG				
	HW				
	HWUG				
	Med Gas A				
	Med Gas N2				
	Med Gas N2O				
	Med Gas O				
	Med Gas V				
	NG				
	NGUG				
	STEAM LP				
	STEAM MP				
	STEAM HP				
	STEAM/COND				
	STORMA				
	STORMUG				
	SUMP				
	SW-AG				
	SW-UG				
	VENT				
	SPECIAL				
	SPECIAL				
	SPECIAL				
	SPECIAL				
	SPECIAL				
	SPECIAL				
	SPECIAL				
		System Totals	1,847	49	

JOB #737: ID 9/2/14
 JOB NAME Rapid City Utility Maintenance F
 EST. #03: ID PR#4
 ESTIMATE PR#4
 PRINTED 11/10/2014 10:02:13 AM
 DATA SET #21: MIDWESTERN MECHANICAL I...

01 SECTION BREAKOUT FOR BASE BID
 MIDWESTERN MECHANICAL, INC.
 1865 Samco Rd
 Rapid City, SD 57702
 605-394-9636
 FAX: 605-394-9637
 ciseminger@mwmech.com

NOTES

Item				
Category	Size	Item Desc	Qty	UOM
Section : Section 002: 110 - SANITARY A/G				
Category : Category 101: PVC SCH 40--DWV				
PVC SCH 40--DWV	4"	PIPE-SCH 40 PVC DWV	31.00	
PVC SCH 40--DWV	4"	1/4 BEND -- HxH	2.00	ea
PVC SCH 40--DWV	4"	SAN TEE -- HxHxH	1.00	ea
PVC SCH 40--DWV	Unsize	CEMENT--PVC--QTS.	0.22	ea
PVC SCH 40--DWV	Unsize	PRIMER--PVC--QTS.	0.22	ea
PVC SCH 40--DWV	4"	RISER CLAMPS	3.00	ea
Category : Category 955: HANGERS & CLAMPS ETC				
HANGERS & CLAMPS ETC	4"	#260 CLEVIS HGR. BLK	2.00	ea
HANGERS & CLAMPS ETC	1/2"	#146 ALL THREAD ROD	4.00	ea
HANGERS & CLAMPS ETC	1/2"	HEAVY HEX NUTS	4.00	ea
HANGERS & CLAMPS ETC	1/2"	WASHER - FLAT-ROUND	4.00	ea
Category : Category 956: HANGER-R.CLAMP-ETC.				
HANGER-R.CLAMP-ETC.	1/2"	BEAM-CLAMP - BLK	2.00	ea
Section : Section 003: 120 - FOUNDATION DRAINAGE				
Category : Category 101: PVC SCH 40--DWV				
PVC SCH 40--DWV	4"	1/8 BEND -- HxH	1.00	ea
PVC SCH 40--DWV	4"	SAN TEE -- HxHxH	2.00	ea
PVC SCH 40--DWV	Unsize	CEMENT--PVC--QTS.	1.68	ea
PVC SCH 40--DWV	Unsize	PRIMER--PVC--QTS.	1.68	ea
PVC SCH 40--DWV	4"	L.S. 1/4 BEND - HxH	8.00	ea
PVC SCH 40--DWV	4"	COUPLING -- HxH	30.00	ea
Category : Category 110: C.I. SOIL NO HUB				
C.I. SOIL NO HUB	4"	COUPLING	4.00	ea
Category : Category 125: FOUNDATION DRAINAGE				
FOUNDATION DRAINAGE	4"	PVC DRAIN PIPE-PERF.	308.00	
Grand Totals		Material: \$1,847		Labor: 49 hours

From: Jim Headid
To: "Neal Schlottman"
Subject: RE: RFP #4, RC Utility Maintenance Facility
Date: Friday, November 21, 2014 6:20:05 AM

Hi Neal,

As we talked about. The price for a 4" vent pipe boot penetration would be \$ 85.00 if it is installed while the roof assembly is being installed.

Thanks

Jim



Document G709™ – 2001

Work Changes Proposal Request

PROJECT *(Name and address):*
Rapid City Utility Maintenance
Facility
Rapid City, South Dakota

PROPOSAL REQUEST NUMBER: 004

OWNER:

ARCHITECT:

CONSULTANT:

CONTRACTOR:

FIELD:

OTHER:

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

DATE OF ISSUANCE: November 4, 2014

CONTRACT FOR: General Construction

CONTRACT DATE: September 17, 2014

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

ARCHITECT'S PROJECT NUMBER: 13373

TO CONTRACTOR *(Name and address):*
SECO Construction, Inc.
P.O. Box 2921
Rapid City, SD

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.

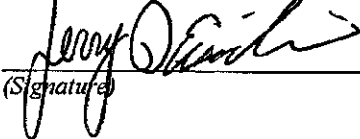
DESCRIPTION *(Insert a written description of the Work):*

1. Provide 4" Schedule 40 perforated PVC piping below slab and solid wall PVC vent up thru roof as shown on attached sketches MSK4-1, MSK4-2, MSK4-3, MSK4-4. Install 1" clean rock to a depth of 8". Provide and install Vapor Block Plus in lieu of Vapor Block VB6-VB10 previously approved. Modification is required to alleviate possible VOC migration due to contaminated soils in the area of occupied spaces.

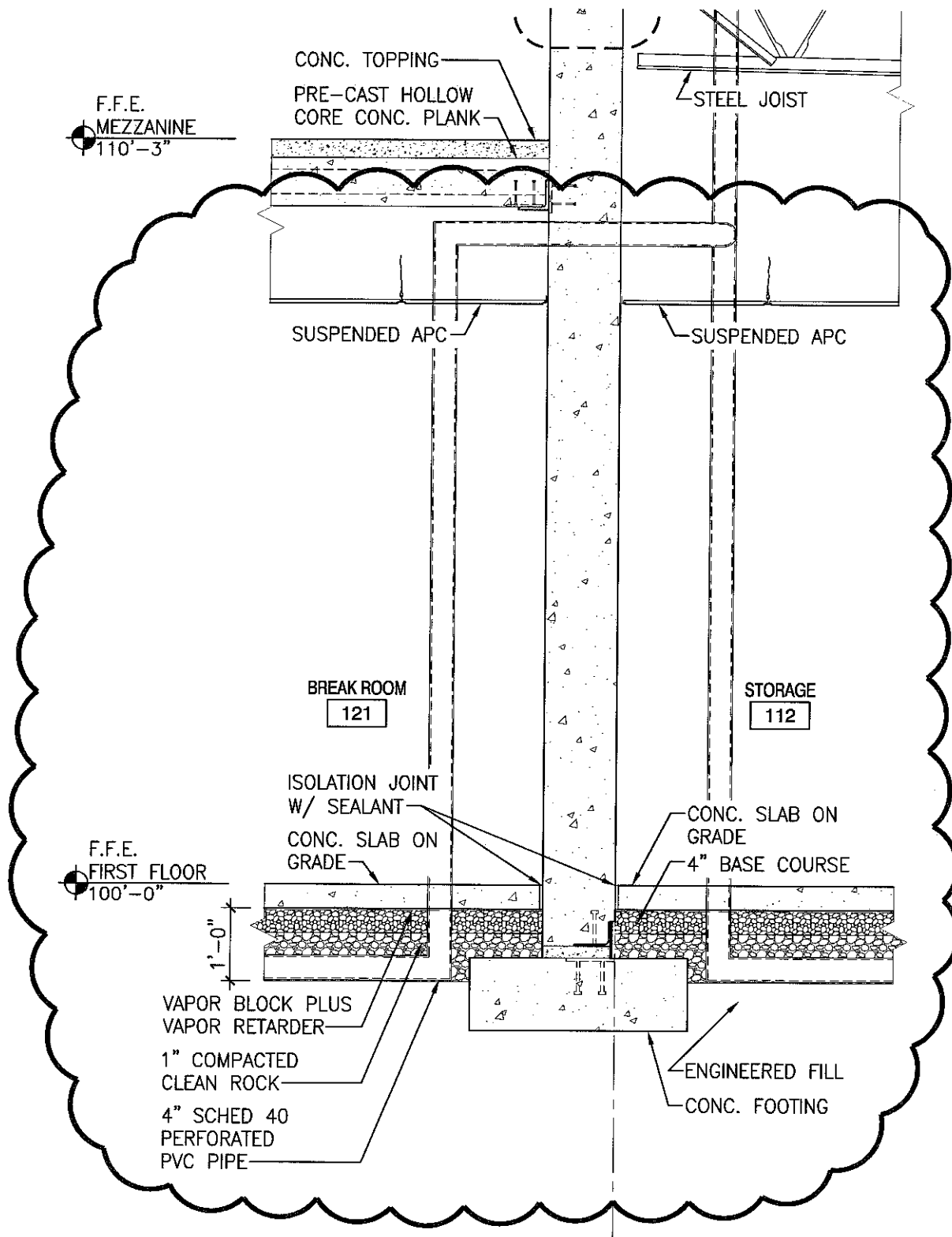
ATTACHMENTS *(List attached documents that support description):*

A1, MSK4-1, MSK4-2, NSK4-3, MSK4-4, Vapor Block Plus, VBP Install

REQUESTED BY THE ARCHITECT:


(Signature)

Jerry Eisenbraun, Project Manager
(Printed name and title)

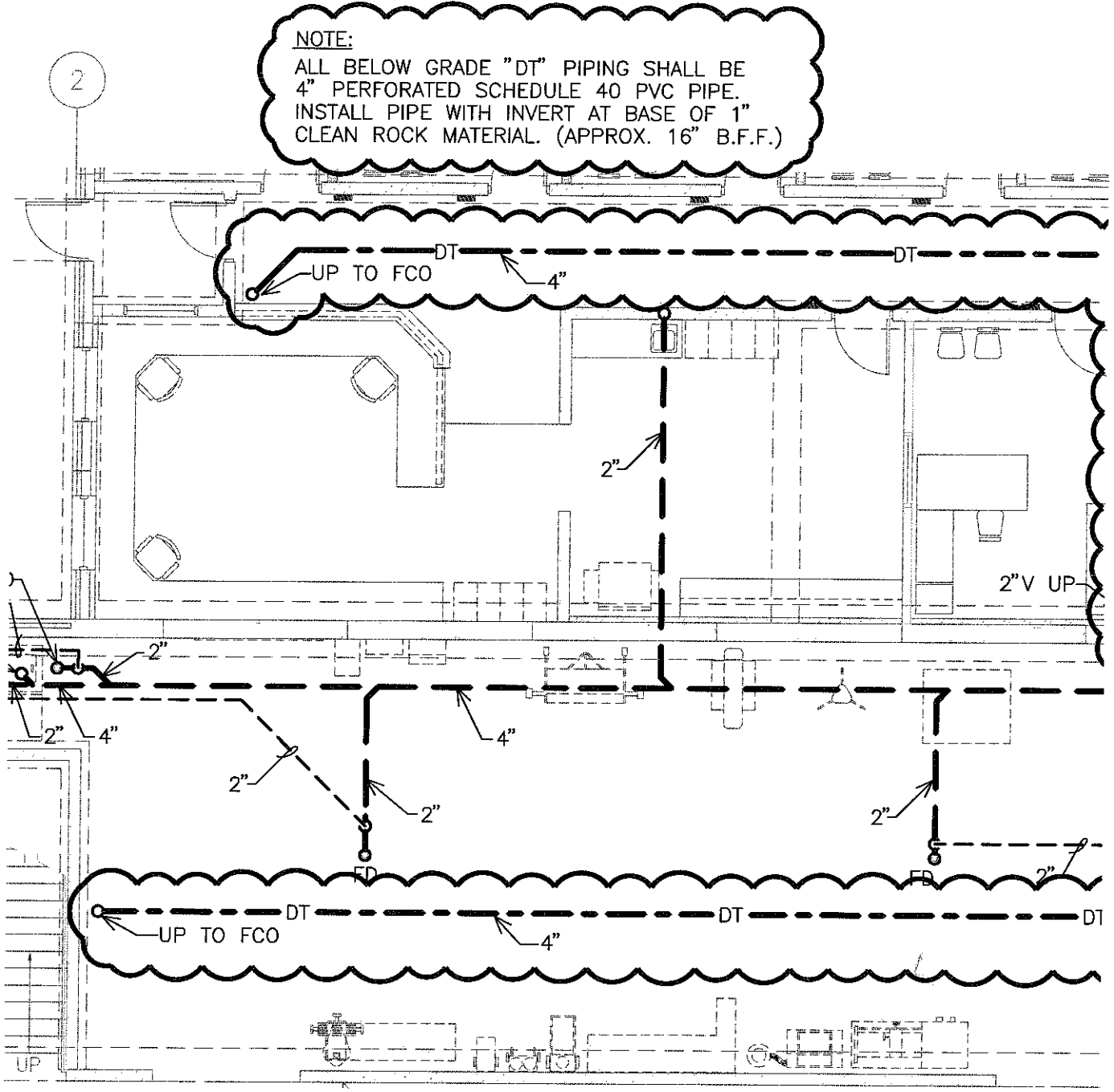



 50 MINNESOTA ST., SUITE 1
 RAPID CITY, SD 57701
 PH: 605 721-0237
 FAX: 605 721-0240
UPPER DECK
 ARCHITECTS, INC.

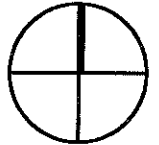
RFP #: 4	CITY OF RAPID CITY UTILITY MAINTENANCE FACILITY	13373	A1
REVISED WALL SECTION - A4/A-302			
Scale: 1/2" = 1'-0"	DATE: 11/04/14		

NOTE:

ALL BELOW GRADE "DT" PIPING SHALL BE 4" PERFORATED SCHEDULE 40 PVC PIPE. INSTALL PIPE WITH INVERT AT BASE OF 1" CLEAN ROCK MATERIAL. (APPROX. 16" B.F.F.)

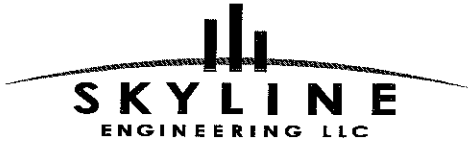


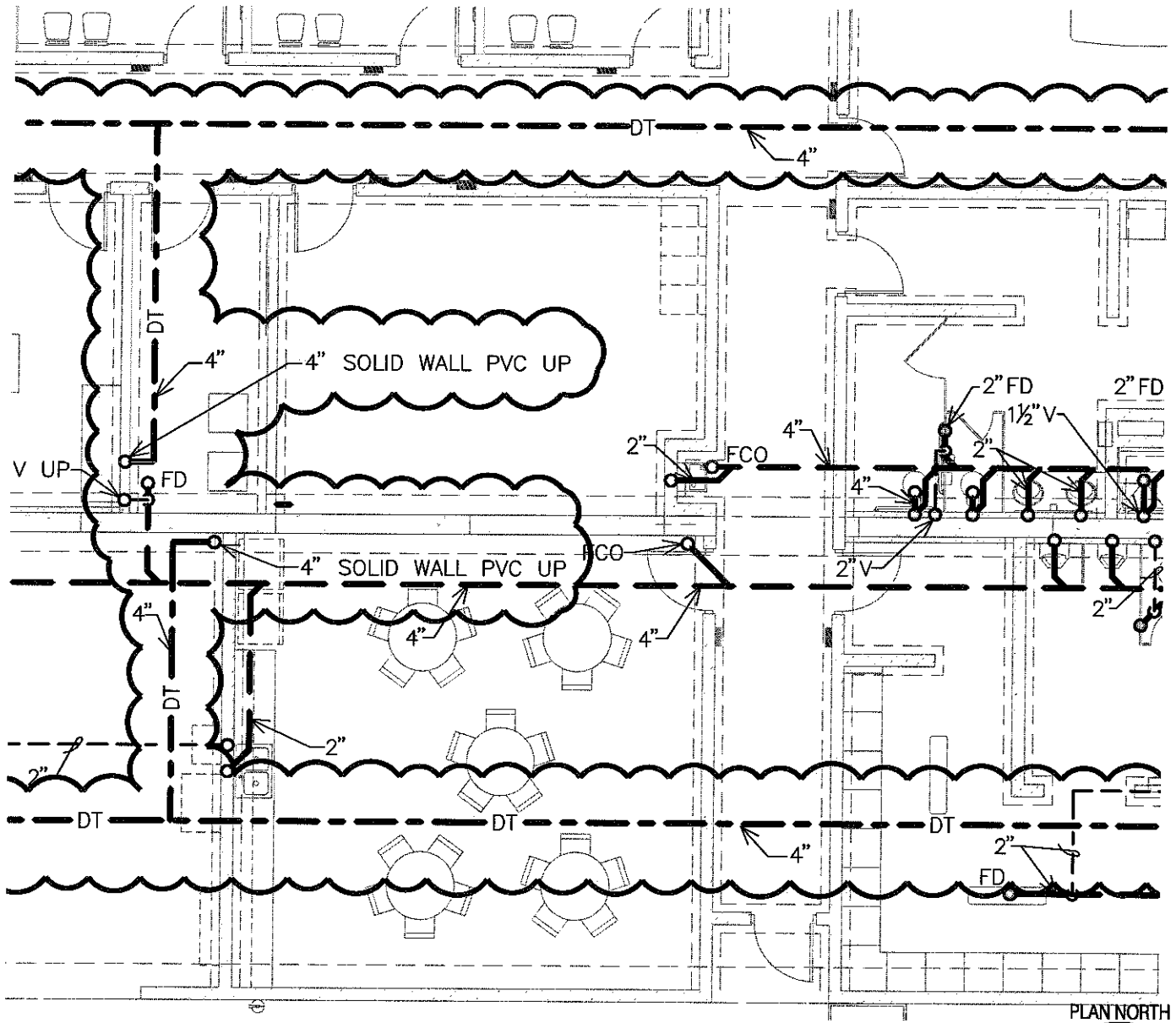
PLAN NORTH



B1 UNDERFLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"


RFP-004

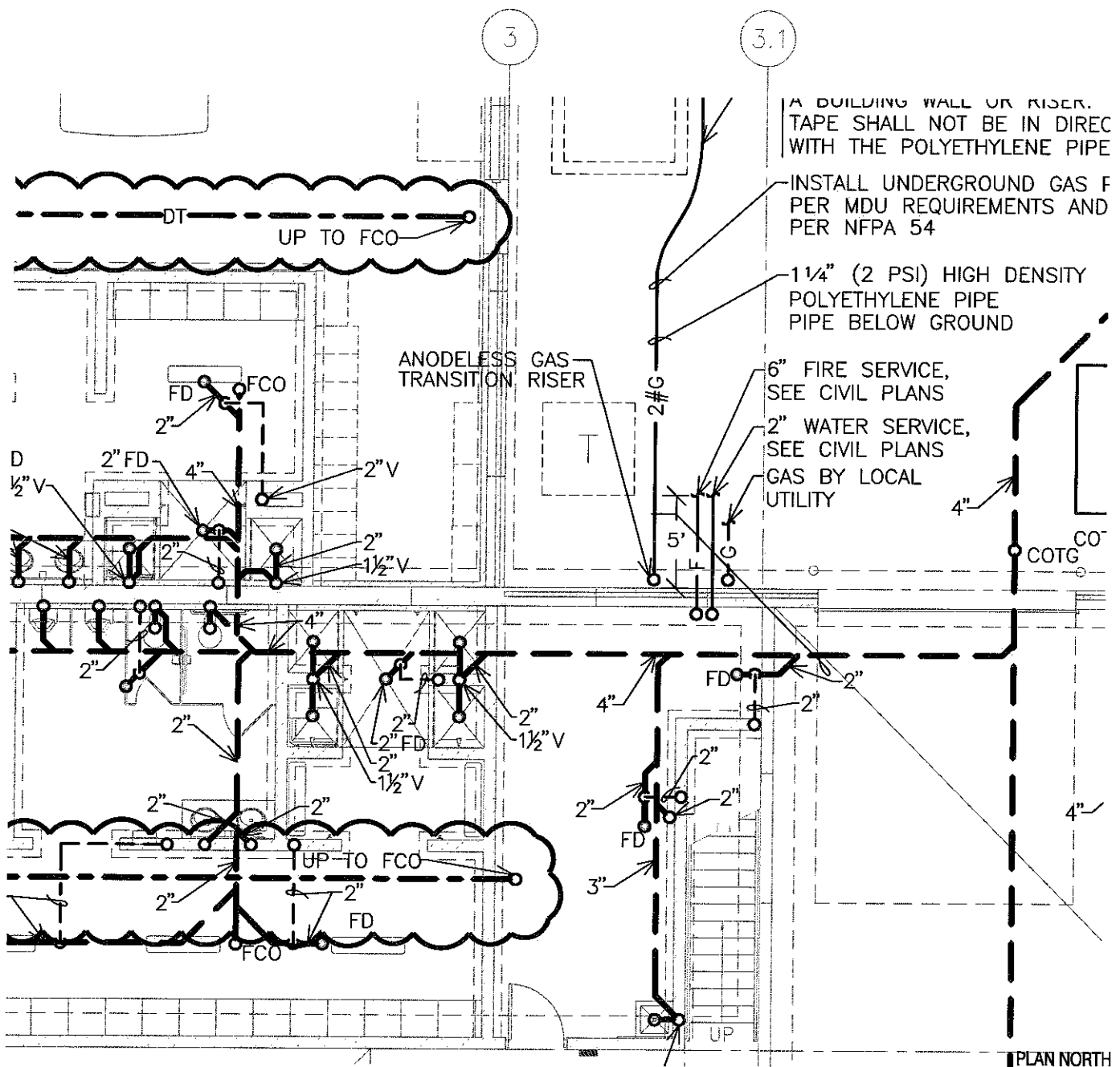
 <p>SKYLINE ENGINEERING LLC</p> <p>615 12th Street Rapid City, SD 57701 Tel: 605.737.3800 Fax: 605.737.3859</p>	PROJECT CITY OF RAPID CITY UTILITY MAINTENANCE FACILITY		SHEET MSK4-1	
	SHEET TITLE UNDERFLOOR PLUMBING PLAN		REF SHEET: M-100	
PROJECT NO. 13028	DRAWN BY AGA	CHECKED BY AGA	DATE: 11-04-14	



B1 UNDERFLOOR PLUMBING PLAN
 SCALE: 1/8" = 1'-0"

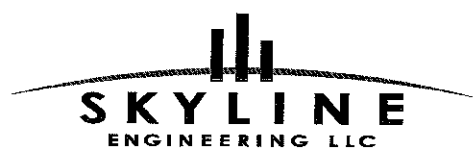
RFP-004

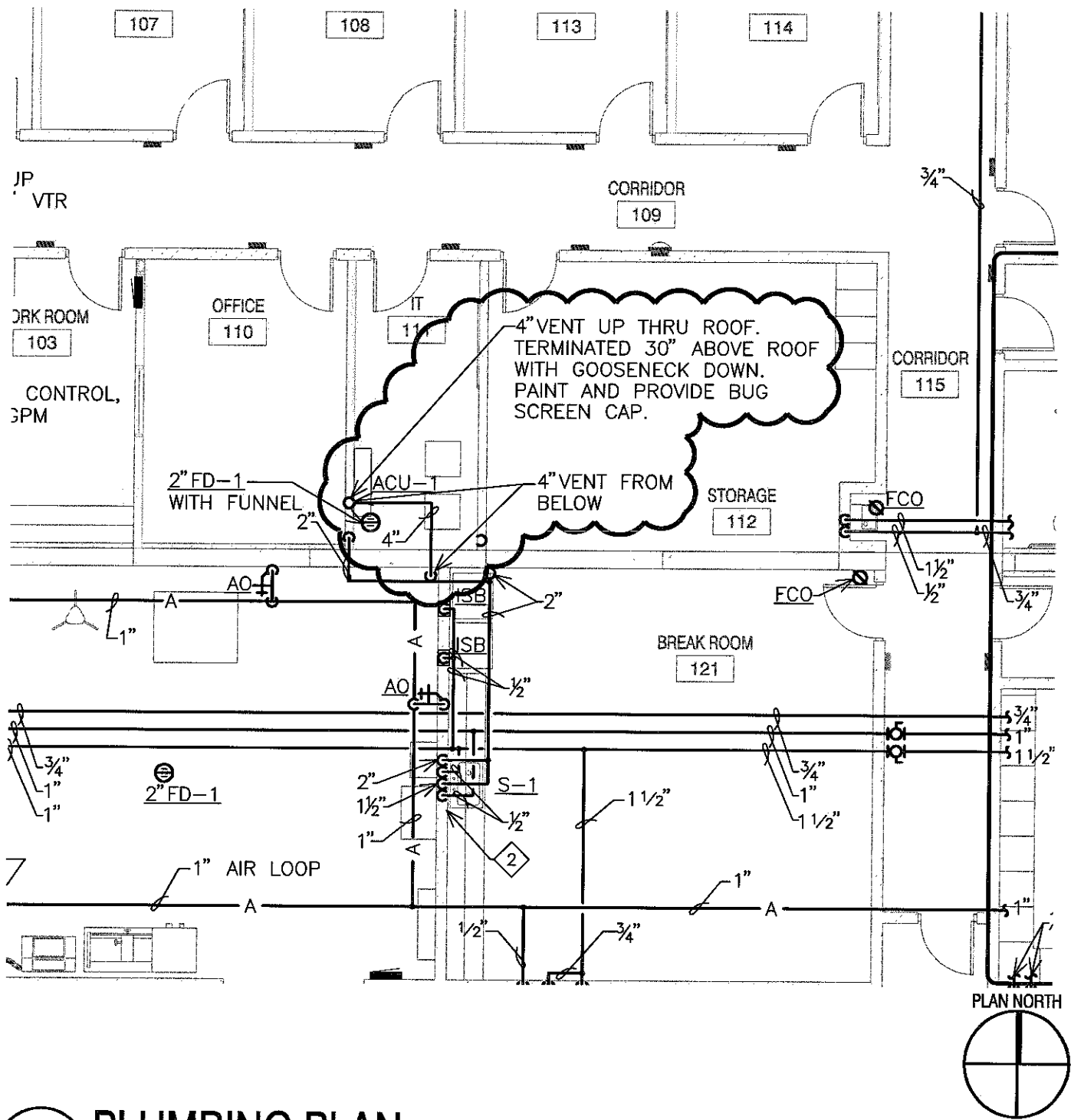
 <p>615 12th Street Rapid City, SD 57701</p> <p>Tel: 605.737.3800 Fax: 605.737.3859</p>	PROJECT CITY OF RAPID CITY UTILITY MAINTENANCE FACILITY		SHEET MSK4-2		
	SHEET TITLE UNDERFLOOR PLUMBING PLAN		REF SHEET: M-100		
	PROJECT NO. 13028	DRAWN BY AGA	CHECKED BY AGA	DATE: 11-04-14	



B1 UNDERFLOOR PLUMBING PLAN
 SCALE: 1/8" = 1'-0"

RFP-004


 <p>SKYLINE ENGINEERING LLC</p> <p>615 12th Street Rapid City, SD 57701 Tel: 605.737.3800 Fax: 605.737.3859</p>	PROJECT CITY OF RAPID CITY UTILITY MAINTENANCE FACILITY		SHEET MSK4-3	
	SHEET TITLE UNDERFLOOR PLUMBING PLAN		REF SHEET: M-100	
PROJECT NO. 13028	DRAWN BY AGA	CHECKED BY AGA	DATE: 11-04-14	



B1 PLUMBING PLAN

SCALE: 1/8" = 1'-0"

RFP-004

 <p>615 12th Street Rapid City, SD 57701</p> <p>Tel: 605.737.3800 Fax: 605.737.3859</p>	PROJECT CITY OF RAPID CITY UTILITY MAINTENANCE FACILITY		SHEET MSK4-4	
	SHEET TITLE UNDERFLOOR PLUMBING PLAN		REF SHEET: M-101	
	PROJECT NO. 13028	DRAWN BY AGA	CHECKED BY AGA	DATE: 11-04-14

VAPORBLOCK® PLUS™ VBP20

Under-Slab Vapor / Gas Barrier



Product Description

VaporBlock® Plus™ 20 is a seven-layer co-extruded barrier made from state-of-the-art polyethylene and EVOH resins to provide unmatched impact strength as well as superior resistance to gas and moisture transmission. VaporBlock® Plus™ 20 is a highly resilient underslab / vertical wall barrier designed to restrict naturally occurring gases such as radon and/or methane from migrating through the ground and concrete slab. VaporBlock® Plus™ 20 is more than 100 times less permeable than typical high-performance polyethylene vapor retarders against Methane, Radon and other harmful VOCs.

VaporBlock® Plus™ 20 is one of the most effective underslab gas barriers in the building industry today far exceeding ASTM E-1745 (Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs) Class A, B and C requirements. Available in a 20 (Class A) mil thicknesses designed to meet the most stringent requirements. VaporBlock® Plus™ 20 is produced within the strict guidelines of our ISO 9001:2008 Certified Management System.

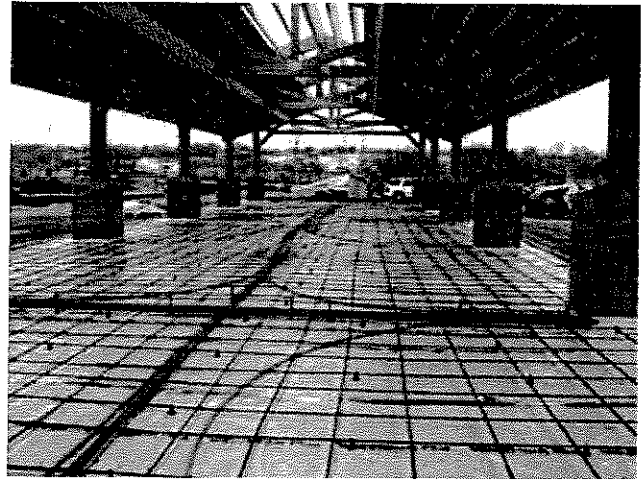
Product Use

VaporBlock® Plus™ 20 resists gas and moisture migration into the building envelop when properly installed to provide protection from toxic/harmful chemicals. It can be installed as part of a passive or active control system extending across the entire building including floors, walls and crawl spaces. When installed as a passive system it is recommended to also include a ventilated system with sump(s) that could be converted to an active control system with properly designed ventilation fans.

VaporBlock® Plus™ 20 works to protect your flooring and other moisture-sensitive furnishings in the building's interior from moisture and water vapor migration, greatly reducing condensation, mold and degradation.

Size & Packaging

VaporBlock® Plus™ 20 is available in 10' x 150' rolls to maximize coverage. All rolls are folded on heavy-duty cores for ease in handling and installation. Other custom sizes with factory welded seams are available based on minimum volume requirements. Installation instructions and ASTM E-1745 classifications accompany each roll.



Under-Slab Vapor/Gas Retarder

Product	Part #
VaporBlock Plus 20	VBP 20

APPLICATIONS

Radon Barrier	Under-Slab Vapor Retarder
Methane Barrier	Foundation Wall Vapor Retarder
VOC Barrier	

VaporBlock® Plus™
UNDERSLAB VAPOR RETARDER / GAS BARRIER

VAPORBLOCK® PLUS™ VBP20

ISO 9001:2008
CERTIFIED MANAGEMENT SYSTEM

Under Slab Vapor / Gas Barrier

PROPERTIES	TEST METHOD	VAPORBLOCK PLUS 20	
		IMPERIAL	METRIC
APPEARANCE		White/Gold	
THICKNESS, NOMINAL		20 mil	0.51 mm
WEIGHT		102 lbs/MSF	498 g/m ²
CLASSIFICATION	ASTM E 1745	CLASS A, B & C	
TENSILE STRENGTH LBF/IN (N/CM) AVERAGE MD & TD (NEW MATERIAL)	ASTM E 154 Section 9 (D-882)	58 lbf	102 N
IMPACT RESISTANCE	ASTM D 1709	2600 g	
MAXIMUM USE TEMPERATURE		180° F	82° C
MINIMUM USE TEMPERATURE		-70° F	-57° C
PERMEANCE (NEW MATERIAL)	ASTM E 154 Section 7 ASTM E 96 Procedure B	0.0098 Perms grains/(ft ² ·hr·in·Hg)	0.0064 Perms g/(24hr·m ² ·mm Hg)
(AFTER CONDITIONING)	ASTM E 154		
PERMS (SAME MEASUREMENT AS ABOVE PERMEANCE)	Section 8, E96	0.0079	0.0052
	Section 11, E96	0.0079	0.0052
	Section 12, E96	0.0097	0.0064
	Section 13, E96	0.0113	0.0074
WVTR	ASTM E 96 Procedure B	0.0040 grains/hr-ft ²	0.0028 gm/hr-m ²
RADON DIFFUSION COEFFICIENT	K124/02/95	< 1.1 x 10 ⁻¹³ m ² /s	
METHANE PERMEANCE	ASTM D 1434	< 1.7 x 10 ⁻¹⁰ m ³ /d·atm 0.32 GTR (Gas Transmission Rate) ml/m ² ·D·ATM	

VaporBlock® Plus™ Placement

All instructions on architectural or structural drawings should be reviewed and followed.
Detailed installation instructions accompany each roll of VaporBlock® Plus™ and can also be located on our website.
ASTM E-1643 also provides general installation information for vapor retarders.

VaporBlock® Plus™
UNDERSLAB VAPOR RETARDER / GAS BARRIER

VaporBlock® Plus™ is a seven-layer co-extruded barrier made using high quality virgin-grade polyethylene and EVOH resins to provide unmatched impact strength as well as superior resistance to gas and moisture transmission.

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. RAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage. Limited Warranty available at www.RavenEFD.com



Scan QR Code to download current technical data sheets via the Raven website.

RAVEN
INDUSTRIES

Engineered Films Division
P.O. Box 5107
Sioux Falls, SD 57117-5107
Ph: (605) 335-0174 • Fx: (605) 331-0333

Toll Free: 800-635-3456
Email: efdsales@ravenind.com
www.ravenefd.com
1/11 EFD 1125

VaporBlock® Plus™

UNDERSLAB VAPOR RETARDER / GAS BARRIER

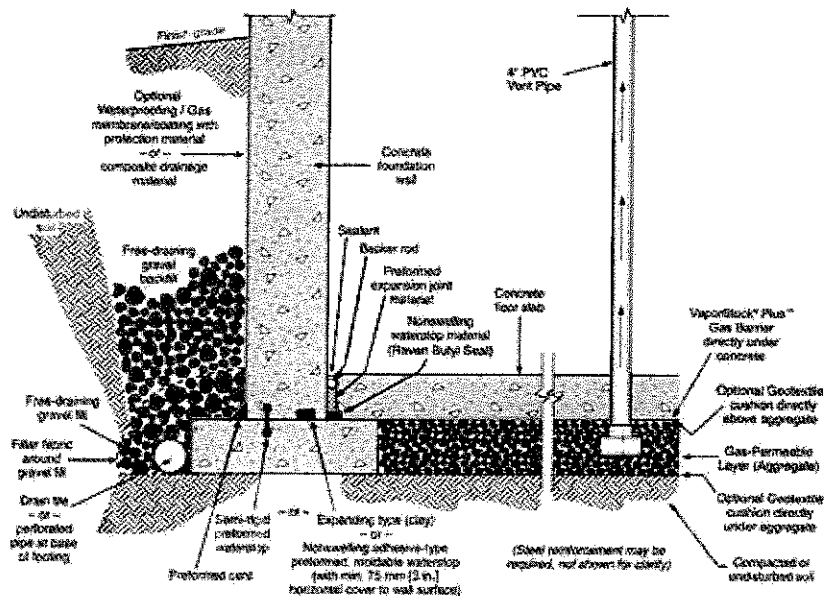
INSTALLATION GUIDELINES

Please Note: Read these instructions thoroughly before installation to ensure proper use of VaporBlock® Plus™. ASTM E 1465, ASTM E 2121 and, ASTM E 1643 also provide valuable information regarding the installation of vapor / gas barriers. When installing this product, contractors shall conform to all applicable local, state and federal regulations and laws pertaining to residential and commercial building construction.

- When VaporBlock Plus gas barrier is used as part of an active control system for radon or other gas, a ventilation system will be required.
- If designed as a passive system, it is recommended to install a ventilation system that could be converted to an active system if needed.

Materials List:

- VaporBlock® Plus™ Vapor / Gas Barrier
- VaporBond Plus 4" Foil Seaming Tape
- Butyl Seal 2-Sided Tape
- VaporBoot Plus Pipe Boots 12/Box (recommended)
- VaporBoot Tape (optional)



Elements of a moisture/gas-resistant floor system. General illustration only.
(Note: This example shows multiple options for waterstop placement.)

VAPORBLOCK® PLUS™ PLACEMENT

- 1.1. Level and tamp or roll granular base as specified. A base for a gas-reduction system may require a 4" to 6" gas permeable layer of clean coarse aggregate as specified by your architectural or structural drawings after installation of the recommended gas collection system. In this situation, a cushion layer consisting of a non-woven geotextile fabric placed directly under VaporBlock® Plus™ will help protect the barrier from damage due to possible sharp coarse aggregate.
- 1.2. Unroll VaporBlock Plus running the longest dimension parallel with the direction of the pour and pull open all folds to full width. (Fig. 1)
- 1.3. Lap VaporBlock Plus over the footings and seal with Raven Butyl Seal tape at the footing-wall connection. Prime concrete surfaces and assure they are dry and clean prior to applying Raven Butyl Seal Tape. Apply even and firm pressure with a rubber roller. Overlap joints a minimum of 6" and seal overlap with Raven VaporBond Tape. When used as a gas

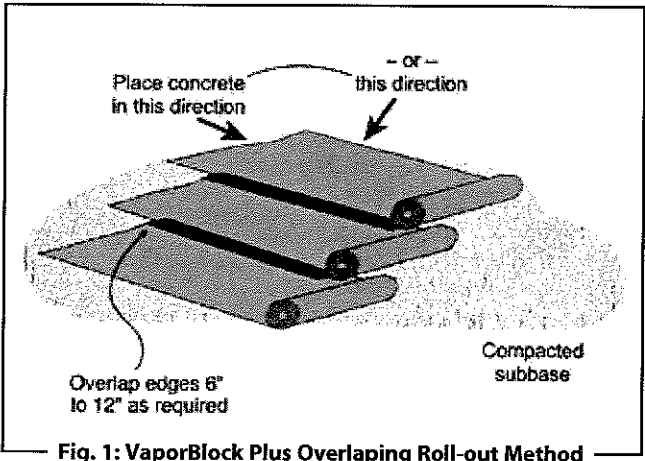


Fig. 1: VaporBlock Plus Overlapping Roll-out Method

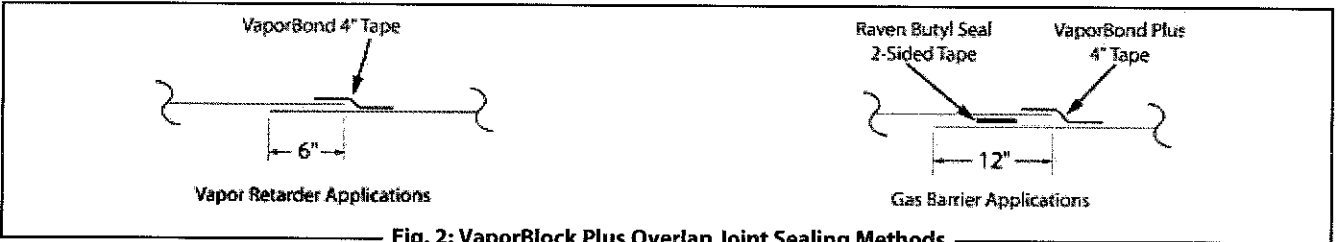


Fig. 2: VaporBlock Plus Overlap Joint Sealing Methods

Top original diagram and figure #41 were compiled with permission by the Portland Cement Association. References: Kanara, Howard M., Concrete Floor and Moisture, EB110, Portland Cement Association, Skokie, Illinois, and National Ready Mixed Concrete Association, Silver Spring, Maryland, USA, 2006, 176 pages.

SINGLE PENETRATION PIPE BOOT INSTALLATION

barrier, overlap joints a minimum of 12" and seal in-between overlap with 2-sided Raven Butyl Seal Tape. Then seal with VaporBond Plus Tape centered on the overlap seam. (Fig. 2)

- 1.4. Seal around all plumbing, conduit, support columns or other penetrations that come through the **VaporBlock Plus** membrane. Pipes four inches or smaller can be sealed with Raven VaporBoot Plus preformed pipe boots. VaporBoot Plus preformed pipe boots are formed in steps for 1", 2", 3" and 4" PVC pipe or IPS size and are sold in units of 12 per box (Fig. 3 & 5).

Pipe boots may also be fabricated from excess **VaporBlock Plus** membrane (Fig. 4 & 6) and sealed with VaporBoot Tape or VaporBond Plus Tape (sold separately).

Reminder Note: All holes or penetrations through the membrane will need a patch cut to a minimum of 12" from the opening in all directions.

To fabricate pipe boots from **VaporBlock Plus** excess material (see Fig. 4 & 6 for A-F):

- A) Cut a square large enough to overlap 12" in all directions.
- B) Mark where to cut opening on the center of the square and cut four to eight slices about 3/8" less than the diameter of the pipe.
- C) Force the square over the pipe leaving the tightly stretched cut area around the bottom of the pipe with approximately a 1/2" of the boot material running vertically up the pipe. *(no more than a 1/2" of stretched boot material is recommended)*
- D) Once boot is positioned, seal the perimeter to the membrane by applying 2-sided Raven Butyl Seal Tape in between the two layers. Secure boot down firmly over the membrane taking care not to have any large folds or creases.
- E) Use VaporBoot Tape or VaporBond Plus Tape to secure the boot to the pipe.

VaporBoot Tape (option) – fold tape in half lengthwise, remove half of the release liner and wrap around the pipe allowing 1" extra for overlap sealing. Peel off the second half of the release liner and work the tape outward gradually forming a complete seal.

VaporBond Plus Tape (option) - Tape completely around pipe overlapping the to get a tight seal against the pipe.
- F) Complete the process by taping over the boot perimeter edge with VaporBond Plus Tape to create a monolithic membrane between the surface of the slab and gas/moisture sources below and at the slab perimeter. (Fig. 4 & 6)

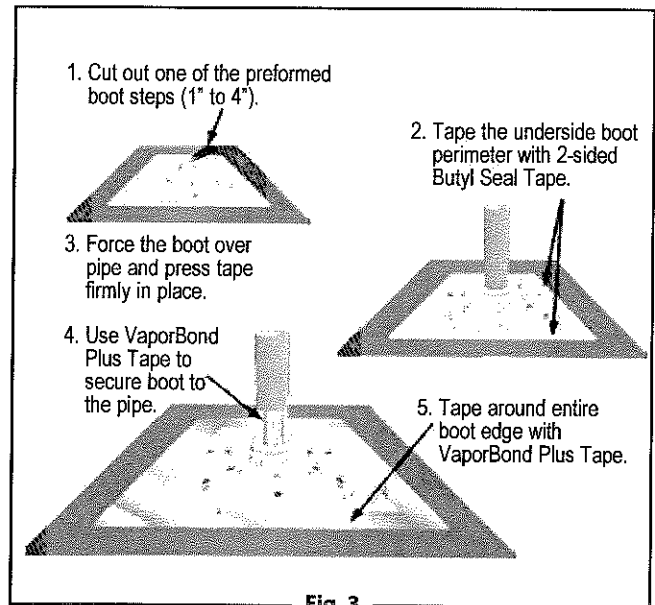


Fig. 3

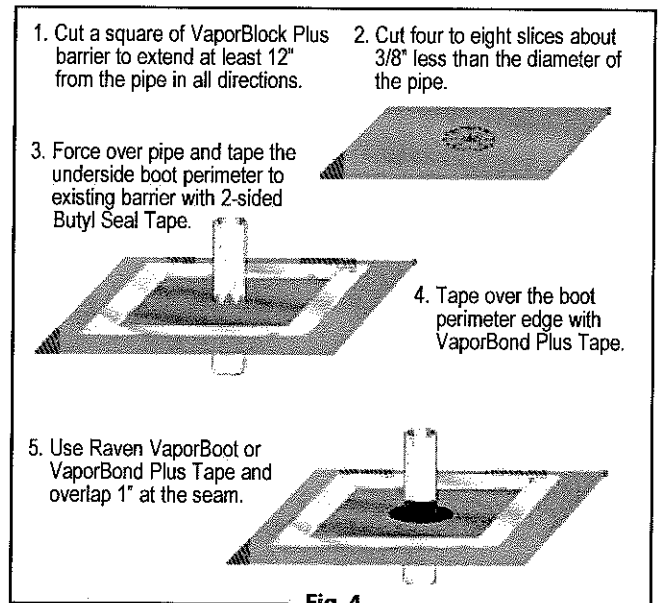


Fig. 4

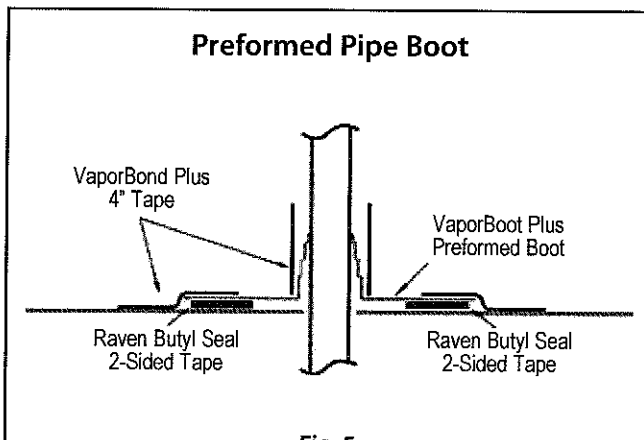


Fig. 5

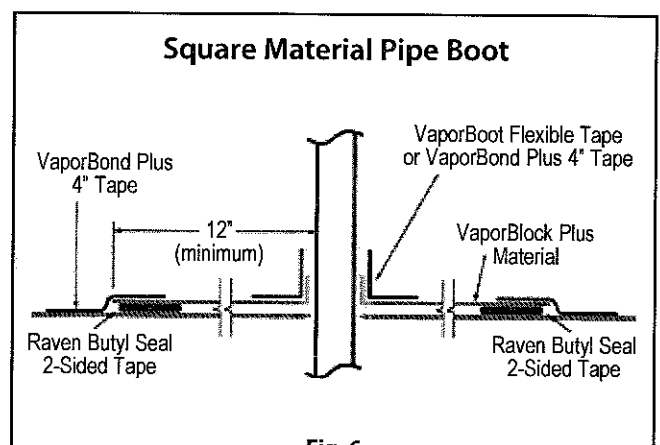


Fig. 6

Original figure 6A diagram is reprinted with permission by the Portland Cement Association, Skokie, Illinois, and National Ready Mixed Concrete Association, Silver Spring, Maryland, USA, 2009, 176 pages. Reference: Kantaw, Howard M., Concrete Floors and Moisture, EB119, Portland Cement Association, Skokie, Illinois, and National Ready Mixed Concrete Association, Silver Spring, Maryland, USA, 2009, 176 pages.

MULTIPLE PENETRATION PIPE BOOT INSTALLATION

1.5. For side-by-side multiple penetrations;

- A) Cut a patch large enough to overlap 12" in all directions (Fig. 7) of penetrations.
- B) Mark where to cut openings and cut four to eight slices about 3/8" less than the diameter of the penetration for each.
- C) Slide patch material over penetration to achieve a tight fit.
- D) Once patch is positioned, seal the perimeter to the membrane by applying 2-sided Raven Butyl Seal Tape in-between the two layers. (Fig. 8)
- E) After applying Raven Butyl Seal Tape between the patch and membrane, tape around each of the penetrations and the patch with VaporBond Plus 4" foil tape. (Fig. 9) For additional protection apply an acceptable polyurethane elastomeric sealant around the penetrations. (Fig. 10)

1.6. Holes or openings through **VaporBlock Plus** are to be repaired by cutting a piece of **VaporBlock Plus** 12" larger in all directions from the opening. Seal the patch to the barrier with 2-sided Raven Butyl Seal Tape and seal the edges of the patch with VaporBond Plus Tape.

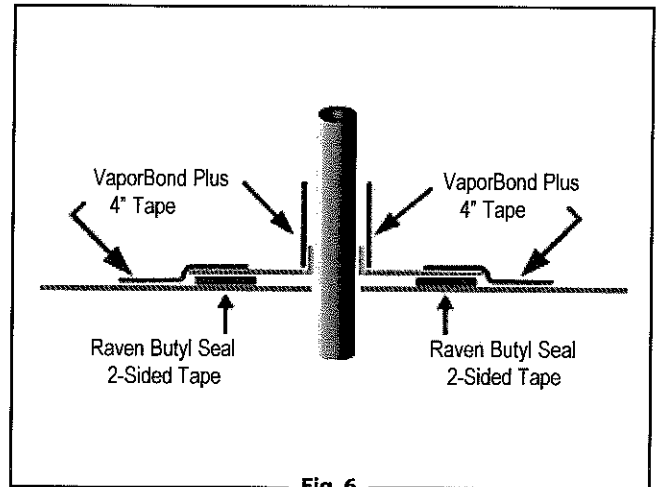


Fig. 6

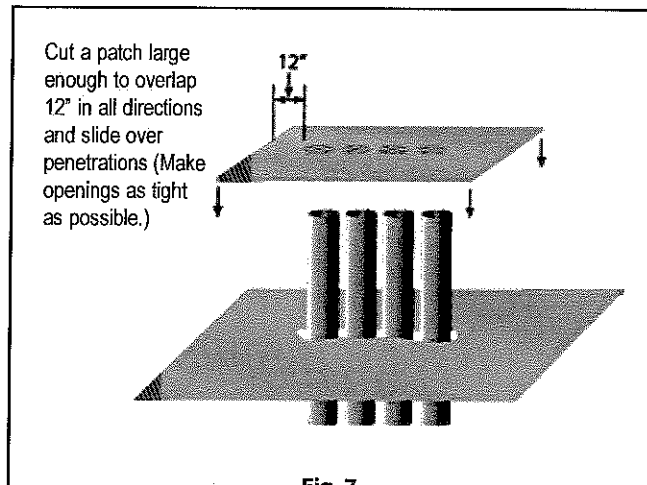


Fig. 7

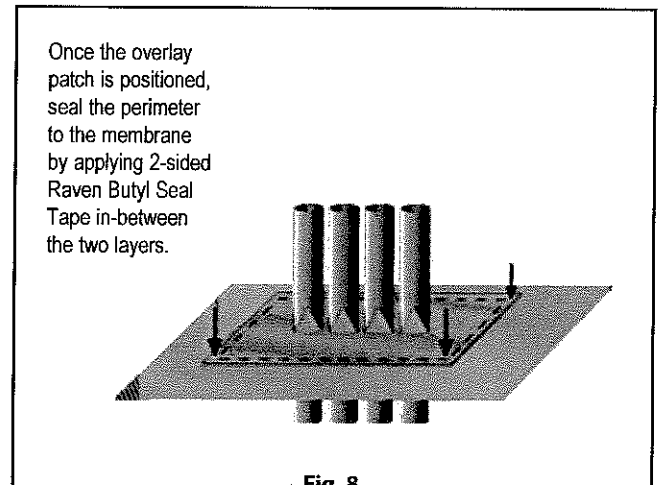


Fig. 8

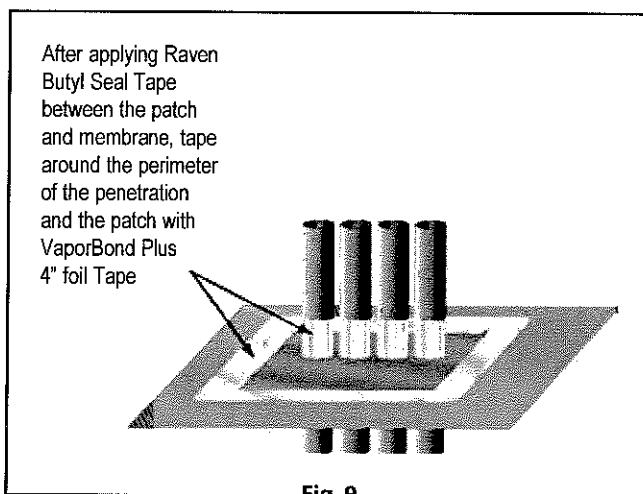


Fig. 9

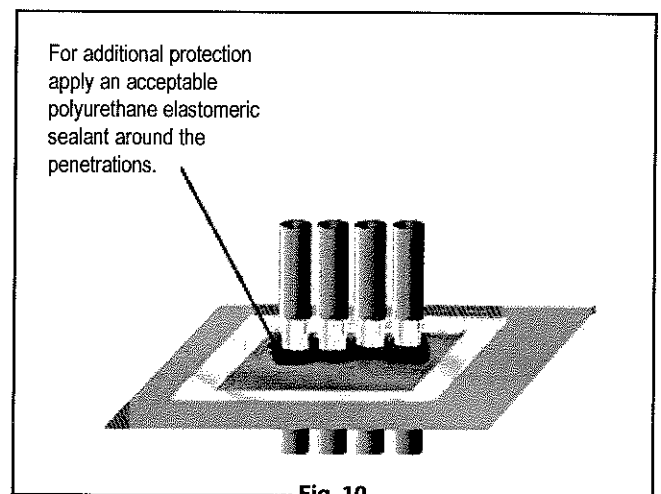
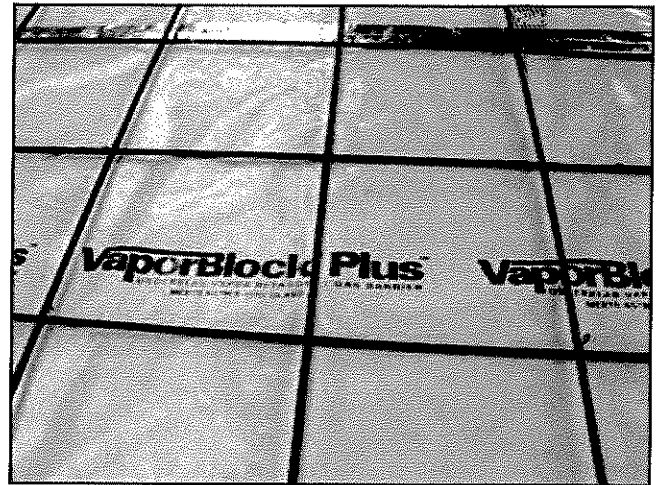


Fig. 10

VAPORBLOCK® PLUS™ PROTECTION

- 2.1. When installing reinforcing steel and utilities, in addition to the placement of concrete, take precaution to protect **VaporBlock Plus**. Carelessness during installation can damage the most puncture-resistant membrane. Sheets of plywood cushioned with geotextile fabric temporarily placed on **VaporBlock Plus** provide for additional protection in high traffic areas including concrete buggies.
- 2.2. Use only brick-type or chair-type reinforcing bar supports to protect **VaporBlock Plus** from puncture.
- 2.3. Avoid driving stakes through **VaporBlock Plus**. If this cannot be avoided, each individual hole must be repaired per section 1.6.
- 2.4. If a cushion or blotter layer is required in the design between **VaporBlock Plus** and the slab, additional care should be given if sharp crushed rock is used. Washed rock will provide less chance of damage during placement. Care must be taken to protect blotter layer from precipitation before concrete is placed.

VaporBlock Plus™ Gas & Moisture Barrier can be identified on site as gold/white in color printed in black ink with the following logo and classification listing:



VaporBlock Plus™
Gas & Moisture Barrier



Note: To the best of our knowledge, these are typical installation procedures and are intended as guidelines only. Architectural or structural drawings must be reviewed and followed as well as on a project basis. NO WARRANTIES ARE MADE AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS OR GUIDELINES REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and we disclaim all liability for resulting loss or damage.



Engineered Films Division
P.O. Box 5107
Sioux Falls, SD 57117-5107
Ph: (605) 335-0174 • Fx: (605) 331-0333

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Toll Free: 800-635-3456
Email: efdsales@ravenind.com
www.VaporBlockPlus.com
8/13 EFD 1127



RFP #005



UPPER DECK
ARCHITECTS, INC.

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

Jerry D. Eisenbraun

From: Johnson Rod <Rod.Johnson@rcgov.org>
Sent: Thursday, November 20, 2014 3:53 PM
To: Jerry D. Eisenbraun
Subject: RE: RCUMF RFP #005 Recommendation

Please include this in the next change order.

RJ

From: Jerry D. Eisenbraun [<mailto:jerrye@upperdeckarchitects.com>]
Sent: Thursday, November 20, 2014 3:28 PM
To: Johnson Rod
Subject: RCUMF RFP #005 Recommendation

Rod,
Attached is our recommendation for RFP #005. If this is acceptable, we will incorporate into next change order.

Jerry D. Eisenbraun
Project Manager

UPPER DECK ARCHITECTS, INC.

50 Minnesota Street - Suite 1
Rapid City, SD 57701

SPH (605) 721-0237 **FX** (605) 721-0240

Visit us at: www.upperdeckarchitects.com

RFP #005 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: Rapid City Utility Maintenance Facility Project #: 13373

From: Jerry D. Eisenbraun Date: 11/20/2014

Content: RFP #005 Recommendation

Rod:

Attached is the pricing information from SECO Construction, Inc. for Proposal Request No. 5 – Modify hardware. A change in hardware was requested by the user during keying meeting with the supplier. In addition, we are able to omit access control power supply due to the lower amperage required by the electronic hinge. We have reviewed this RFP and find it to be commensurate with the work required.

We recommend acceptance of RFP #005 for a cost **deduct of (\$39.00)**. If this is acceptable, please forward to us your decision regarding this item, and we will ensure this is incorporated into the next change order.

Sincerely,
Jerry D. Eisenbraun



P.O. BOX 2921 RAPID CITY, SD 57709 (605)348-7085 FAX (605)348-8287

November 20, 2014

VIA EMAIL

Mr. Jerry Eisenbraun
Upper Deck Architects, Inc.
50 Minnesota Street, Suite 1
Rapid City, SD 57701

Subject: Proposal for RFP #5, Rapid City Utility Maintenance Facility, Rapid City, SD

Dear Jerry,

We propose to provide the hardware revisions as outlined in Request for Proposal #5 dated November 4, 2014 for a cost deduct of \$39.00. The estimate cost summary sheet for this work and associated documentation are enclosed for your review.

The work outlined in this proposal request will not require a contract time change if we receive written notice to proceed on this proposal no later than November 28, 2014.

Sincerely,
SECO Construction, Inc.

A handwritten signature in black ink, appearing to read "Neal A. Schlottman".

Neal A. Schlottman
President

enclosures



SECO Construction, Inc.
 REQUEST FOR PROPOSAL COST SUMMARY
 Rapid City Utility Maintenance Facility

Proposal Request No. 5

<u>Subcontractors</u>	<u>Work Description</u>	<u>Amount</u>
Al Sutton Electric	Hardware Connections - No Cost Change	-
SUBCONTRACTOR SUBTOTAL		-
<u>GC Labor</u>		
	Delete Power Supply Mounting	(30.00)
LABOR SUBTOTAL		(30.00)
<u>GC Materials</u>		
North Central Supply	Hardware Revisions	(7.00)
MATERIAL SUBTOTAL		(7.00)
Sales Tax	6.00%	(0.42)
LABOR SUBTOTAL		(30.00)
GC Overhead	8%	-
SUBCONTRACTOR TOTAL		-
SUBTOTAL		(37.42)
GC Profit	10%	-
SUBTOTAL		(37.42)
Bond/Insurance	1.25%	(0.47)
State Excise Tax	2.041%	(0.77)
TOTAL		(38.66)
TOTAL THIS PROPOSAL		\$ (39)

From: Al Sutton
To: "Neal Schlottman"
Subject: RE: RFP #5, RCUMF
Date: Monday, November 17, 2014 7:39:13 AM

Neal,

Sorry for the delay, I have been out of town assisting my dad with recovery from a surgery and just found the response from our security vender. There will be no price change for us under this change order. The power supplies do not come from us and the strikes still need the original hookup.

Thanks,
Al Sutton

From: Neal Schlottman [mailto:neals@secoconstruction.com]
Sent: Monday, November 10, 2014 8:30 AM
To: Al Sutton
Subject: RFP #5, RCUMF

Al,

Please see attached RFP #5 that deletes the power supplies at the noted doors. Please provide quote for minor change on this RFP no later than Wednesday morning, November 12th.

Thanks!

Neal A. Schlottman – President

SECO Construction, Inc.
P.O. Box 2921
Rapid City, SD 57709

Work (605) 348-7085 FAX (605) 348-8287
Email: neals@secoconstruction.com

NORTH CENTRAL SUPPLY, INC.
HOLLOW METAL DISTRIBUTOR ~ BUILDERS HARDWARE
ARCHITECTURAL WOOD DOOR SUPPLIER
P.O. Box 380 - Rapid City, SD 57709
Ph. (605)343-5486 / Fax (605)355-8830

Cost Proposal

DATE: 11-7-2014

Proposal Request: #005

Total number of pages including cover: 2

Contractor: SECO Const.

NCS Job #: C6314

Project: Rapid City Utility Maintenance Facility

Contact: Neal

Description: Changes to hardware per PR #005. See attached worksheet for details.

Hardware Credit Price: -\$7.00

6% Sales Tax: -\$0.42

Total Credit Price: -\$7.42

The above changes will not be processed without a fully executed Change Order. Your return of this signed proposal indicates acceptance and will allow NCS to proceed with the proposed changes prior to receiving the formal change order. Please fax to 605-355-8830 immediately if we are to proceed.

Contractor

North Central Supply, Inc.

By: _____

By: **Chad Johnston**

Position: _____

Date: _____

JOB #	C6314		Rapid City Utility Maintenance Facility		
RFP#	005				
HARDWARE CHANGES					
HDWE GROUP	TAG	QTY	DESCRIPTION	MANUFACTURER	PRICE
1	101A	-1	BPS-24-1	Securitron	-\$140.00
1	123A	-1	BPS-24-1	Securitron	-\$140.00
1	123K	-1	BPS-24-1	Securitron	-\$140.00
1	124E	-1	BPS-24-1	Securitron	-\$140.00
					\$0.00
1	101A	-1	TH957	Corbin-Russwin	-\$174.00
1	123A	-1	TH957	Corbin-Russwin	-\$174.00
1	123K	-1	TH957	Corbin-Russwin	-\$174.00
1	124E	-1	TH957	Corbin-Russwin	-\$174.00
2	115A	-1	TH957	Corbin-Russwin	-\$174.00
2	123B	-1	TH957	Corbin-Russwin	-\$174.00
2	124D	-1	TH957	Corbin-Russwin	-\$174.00
					\$0.00
1	101A	1	N955	Corbin-Russwin	\$253.00
1	123A	1	N955	Corbin-Russwin	\$253.00
1	123K	1	N955	Corbin-Russwin	\$253.00
1	124E	1	N955	Corbin-Russwin	\$253.00
2	115A	1	N955	Corbin-Russwin	\$253.00
2	123B	1	N955	Corbin-Russwin	\$253.00
2	124D	1	N955	Corbin-Russwin	\$253.00
					\$0.00
					-\$7.00



AIA[®]

Document G709™ – 2001

Work Changes Proposal Request

PROJECT *(Name and address):*
Rapid City Utility Maintenance
Facility
Rapid City, South Dakota

PROPOSAL REQUEST NUMBER: 005

OWNER:

ARCHITECT:

DATE OF ISSUANCE: November 4, 2014

CONSULTANT:

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

CONTRACT FOR: General Construction

CONTRACTOR:

FIELD:

CONTRACT DATE: September 17, 2014

OTHER:

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

ARCHITECT'S PROJECT NUMBER: 13373

TO CONTRACTOR *(Name and address):*
SECO Construction, Inc.
P.O. Box 2921
Rapid City, SD

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 modify door hardware as follows:

1. Hardware Group 1 - Omit BPS-24-1 Power Supply at the four doors. Power supply is not required due to electric strike requiring less than . 3 amps.
2. Modify Rim Exit Device on Hardware Groups 1 and 2 (7 doors) from ED5200S TH957 W048 to ED5200S H957W048.

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

N/A

REQUESTED BY THE ARCHITECT:


(Signature)

Jerry Eisenbraun, Project Manager
(Printed name and title)

