



OWL MOUNTAIN PARTNERSHIP

P.O. Box 737

Walden Colorado 80480

October 15, 2018

Colorado Water Conservation Board
1313 Sherman Street
Room 718
Denver, Colorado 80203

Reference Purchase Order: **POGGI,PDAA,201900002013**

Dear CWCB:

The "Teller Ditch" project has been completed. The project consisted of the installation of a new headgate and a fish-friendly diversion. Harry Corkle Construction performed the installation.

No major obstacles were encountered with the installation of the project. The contractor installed an 18" x 20' pipe with an 18" gate and 40 cubic yards of rock material (estimated 67.2 cu yds.) were used to construct the fish friendly rock diversion.

The Natural Resources Conservation Service (NRCS) inspected and certified the structures 10/1/18. Both the headgate and the diversion structure met NRCS's Standards and Specifications for Structures for Water Control. NRCS approved the matching payment amount of \$3,387.16 on 10/12/18. The landowner contribution is \$3970.00.

We are requesting a final payment of \$10,812.00 from the CWCB Grand Funding.

Sincerely,

Kendall E. Silverberg
Administrator for OMP



STATE OF COLORADO
Department of Natural Resources

Page 1 of 1

ORDER		*****IMPORTANT*****				
Number:	POGG1,PDAA,201900002013					
Date:	7/10/18					
Description:	PDAA 2500 WSRF - OWL_TELLER DITCH_NPRB					
Effective Date:	07/10/18	Expiration Date:	06/01/21			
BUYER						
Buyer:						
Email:						
VENDOR						
OWL MOUNTAIN PARTNERSHIP						
PO BOX 737						
WALDEN, CO 80480-0737						
Contact:						
Phone:						
EXTENDED DESCRIPTION						
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$10,812.00	<input type="checkbox"/>
Description: PDAA 2500 WSRF - OWL_TELLER DITCH_NPRB						
Service From: 07/10/18		Service To: 06/01/21				
Delivery Instructions						
FOB:	FOB Dest, Freight Allowed	Delivery Date: -				
Ship To:			Bill To:			
COLORADO WATER BOARD CONSERVATION			COLORADO WATER BOARD CONSERVATION			
1313 SHERMAN STREET, ROOM 718			1313 SHERMAN STREET, ROOM 718			
DENVER, CO 80203			DENVER, CO 80203			
TERMS AND CONDITIONS						
https://www.colorado.gov/pacific/osc/small-dollar-grant-award-terms-conditions						
DOCUMENT TOTAL = \$10,812.00						

INVOICE TO: Colorado Water Conservation Board
1313 Sherman St. Rm. 721
Denver, Co 80203
Attn: JONATHAN HERNANDEZ, PROJECT MANAGER

303-866-3441
jonathan.hernandez@state.co.us

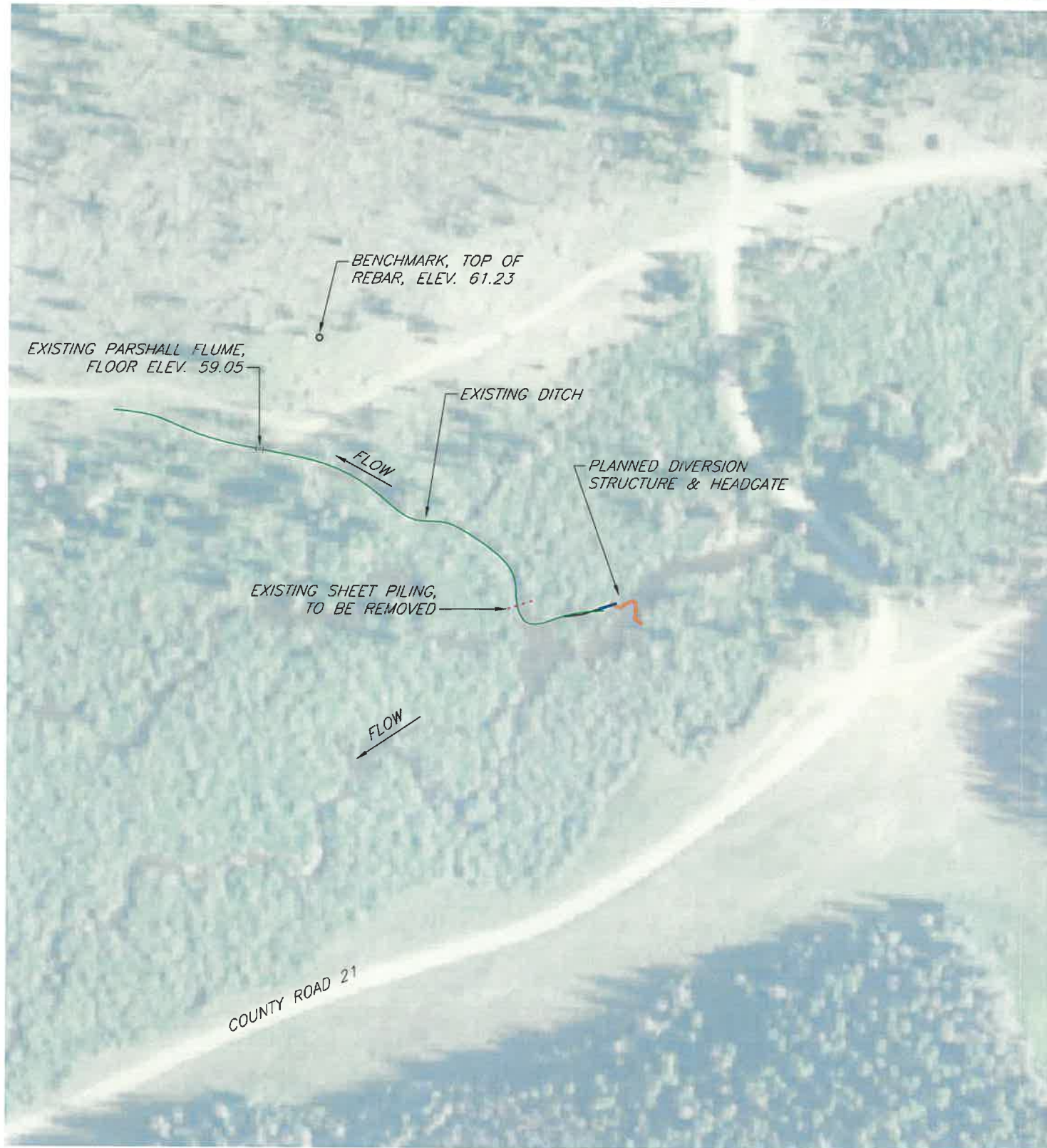
PROJECT MANAGER:	Kendall Silverberg
CWCB Contract or Purchase Order No.:	POGG1 2019-2013

EXHIBIT A Tasks Budget

Submitted by: Kendall Silverberg
Title: OMP Admin
Signature: K. Silverberg

NOTE: This spreadsheet is intended to track your cumulative expenses as they occur for each invoice for grant funding only.

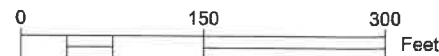
Insert your allocated budget in the appropriate task column for each grant and draw down from the remitted invoice(s). Please provided an updated file with each invoice request along with all supporting documents.



SE 1/4 OF THE SW 1/4, SEC. 4, T. 5 N., R. 77 W.



LOCATION MAP



ORIGINAL

I realize that as a landowner, I and/or the contractor I hire, may be liable for any damage to utilities during construction. NRCS makes no representation that utilities shown on plans are exactly located or that all utilities are shown.

I will provide NRCS with the Utility Notification Center of Colorado (UNCC) ticket number my contractor has acquired prior to the start of construction.

Signature

Date

UNCC Ticket #

CALL UNCC, 1-800-922-1987 TWO DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR MARKING OF UNDERGROUND UTILITIES.

I agree, as landowner and/or group representative, to construct this project according to these plans and specifications. Land and water rights, permits, easements and rights-of-way have been obtained from all landowners and properties involved. No changes will be made in the project design or location without prior approval of an NRCS representative.

Signature

Date

Notes:

1. The headgate shall be bolted to the pipe, and shall be an 18 inch diameter, spigot back, cast iron slide gate, (Fresno model 101C or equal) with a 5 foot galvanized frame. The design flow rate for the headgate and pipe is 4 CFS.
2. The pipe shall be 20 feet of 18 inch diameter, galvanized, corrugated metal pipe with annular ends.
3. The backfill within 2 feet of the sides and top of the pipe shall be 3/4" crushed roadbase, and shall be compacted in six inch lifts with a minimum of three passes using a Jumping Jack or Vibrating Plate Compactor. The estimated roadbase volume is 8 cubic yards.
4. All rock shall be sound, durable, and angular in shape, with the least dimension not smaller than 2.5 times the greatest dimension. All rock shall be approved by the engineer prior to site delivery.
5. The estimated rock volume of the diversion structure is 34 cubic yards. Each top rock shall be placed on a "cradle" consisting of 2 footer rocks, as shown in Section D - D. The gradation of the diversion structure rock shall be as follows:

SIEVE	SIZE OF ROCK	PERCENT PASSING
42"		100
36"		50
30"		0

6. The estimated volume of the rock armor around the headgate and pipe is 6 cubic yards. The estimated volume of the rock keyway is 6 cubic yards. The gradation of this rock shall be as follows:

SIEVE	SIZE OF ROCK	PERCENT PASSING
18"		100
12"		75
8"		0

7. Installation to be done in a neat, workmanlike manner. Care shall be taken to minimize voids between rocks. All voids shall be filled with native cobble material.
8. The benchmark is located top of rebar set approximately 140 feet northeast of existing Parshall Flume, elevation 61.23 (assumed).
9. In the event that adequate quantities of suitable cobble backfill material are not available on site, geotextile shall placed on upstream face of diversion structure as directed. The geotextile shall be non-woven filter fabric. Mirafi 140N (or equal).

Date	Feb 2017
Designed	VF
Drawn	VF
Checked	MV
Approved	VF

EQUIP Contract No.	
Contract Item No.	
Job Class	IV

TCB Properties, LLC
Teller Ditch Diversion
SHEET 1 of 5 Jackson County, CO



File No.
Teller Ditch
Diversion.dwg

6/8/17 10:33 AM



CONSTRUCTION SITE PLAN

EQUIPMENT REQUIRED FOR CONSTRUCTION:

- ONE TRACK EXCAVATOR
- ONE RUBBER TIRE LOADER

APPROXIMATELY 20 ROUND TRIPS WILL BE REQUIRED BY EQUIPMENT BETWEEN THE MAIN STAGING AREA AND CONSTRUCTION SITE.

TCB Properties, LLC
Teller Ditch Diversion
SHEET 2 of 5 Jackson County, CO

United States Department of Agriculture
Natural Resources Conservation Service

File No.
Teller Ditch Diversion.dwg

6/8/17 10:33 AM

Date	Designed	Drawn	Checked	Approved
Feb 2017	VF	VF	MV	VF
March 2017				

EQIP Contract No.	
Contract Item No.	
Job Class	IV

3 FT. MIN. TOP ROCK, SEE
NOTES 4 & 5, ELEVATION VARIES

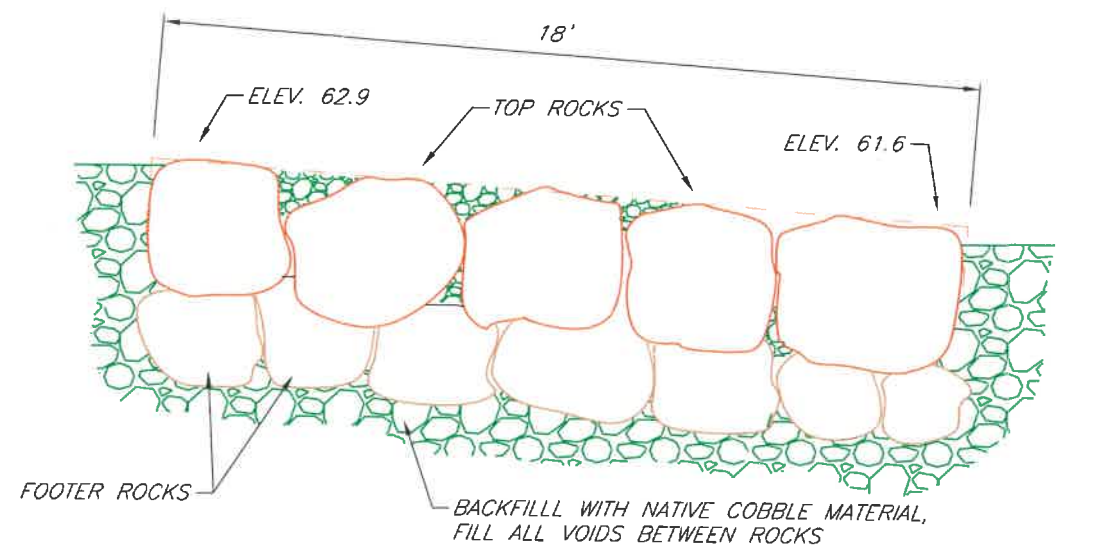
FLOW

BACKFILL WITH NATIVE
COBBLE MATERIAL, FILL ALL
VOIDS BETWEEN ROCKS

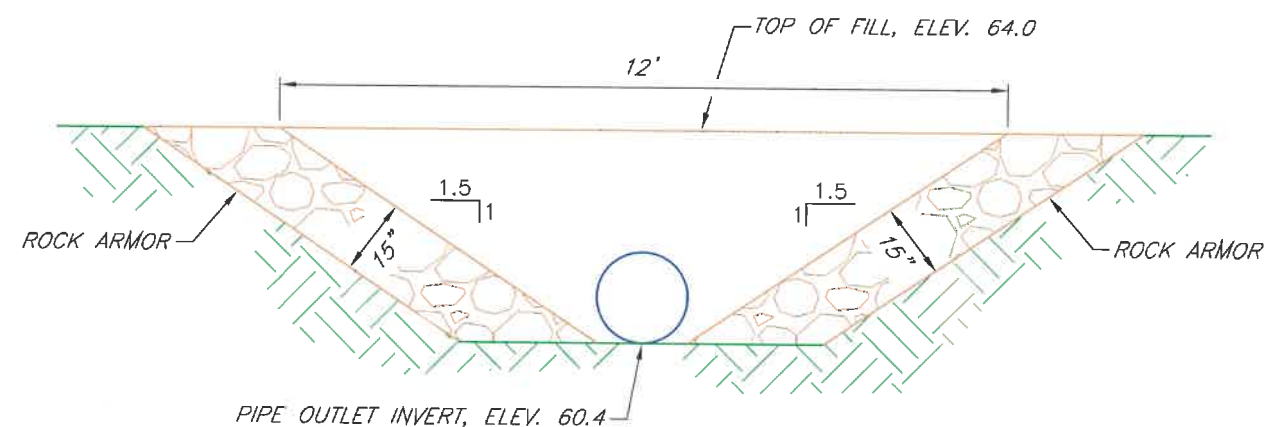
FOOTER ROCKS, 2.5 FT.
MIN., SEE NOTES 4 & 5

(TYPICAL)

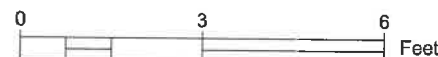
SECTION D - D



SECTION E - E



SECTION F - F



Date	Feb 2017
Designed	VF
Drawn	VF
Checked	MV
Approved	VF

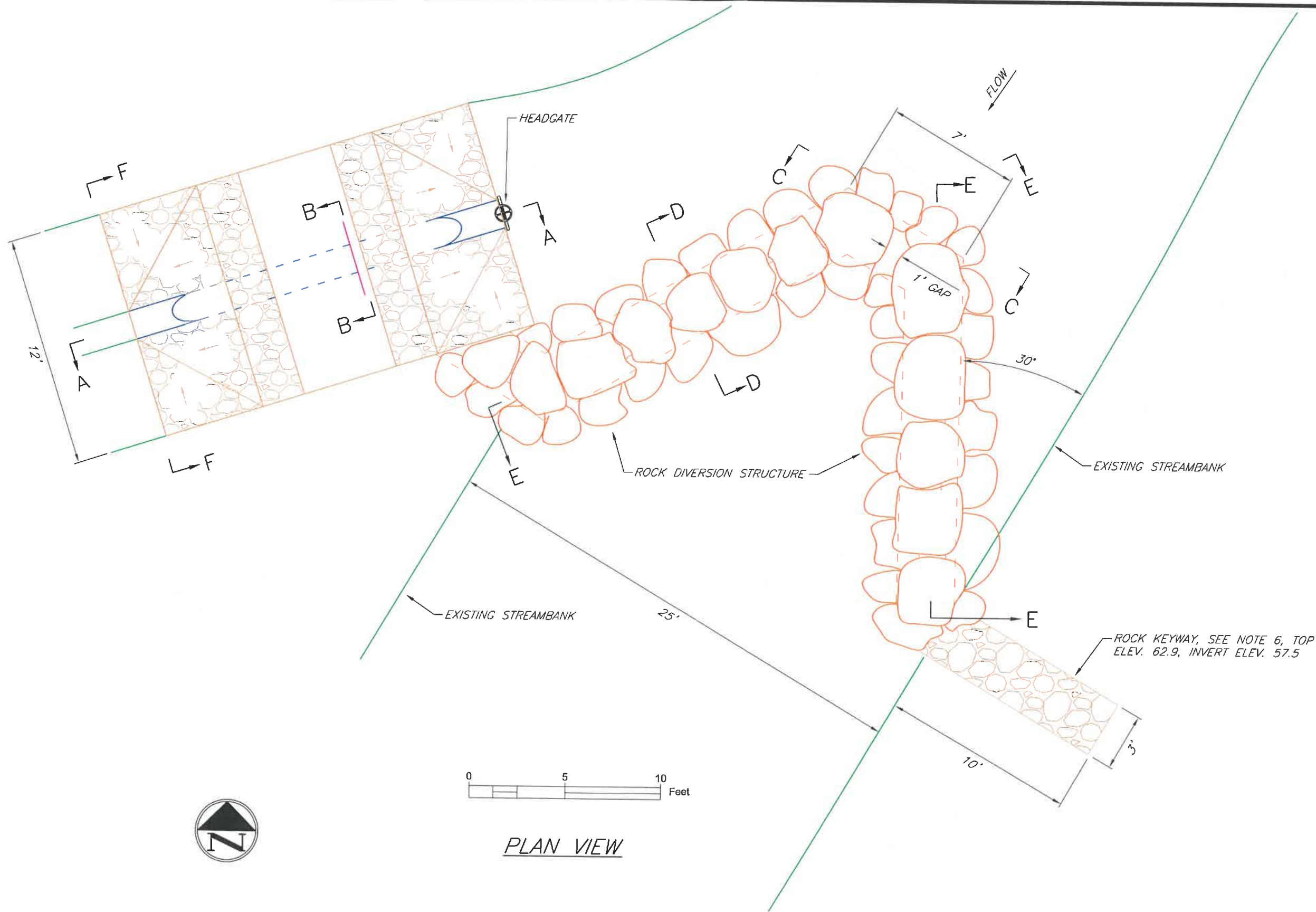
EQUIP Contract No.	
Contract Item No.	
Job Class	IV

TCB Properties, LLC
Teller Ditch Diversion
SHEET 5 of 5 Jackson County, CO



File No.
Teller Ditch
Diversion.dwg

6/8/17 10:33 AM



PLAN VIEW

Date	Feb 2017
Designed	VF
Drawn	VF
Checked	MV
Approved	VF

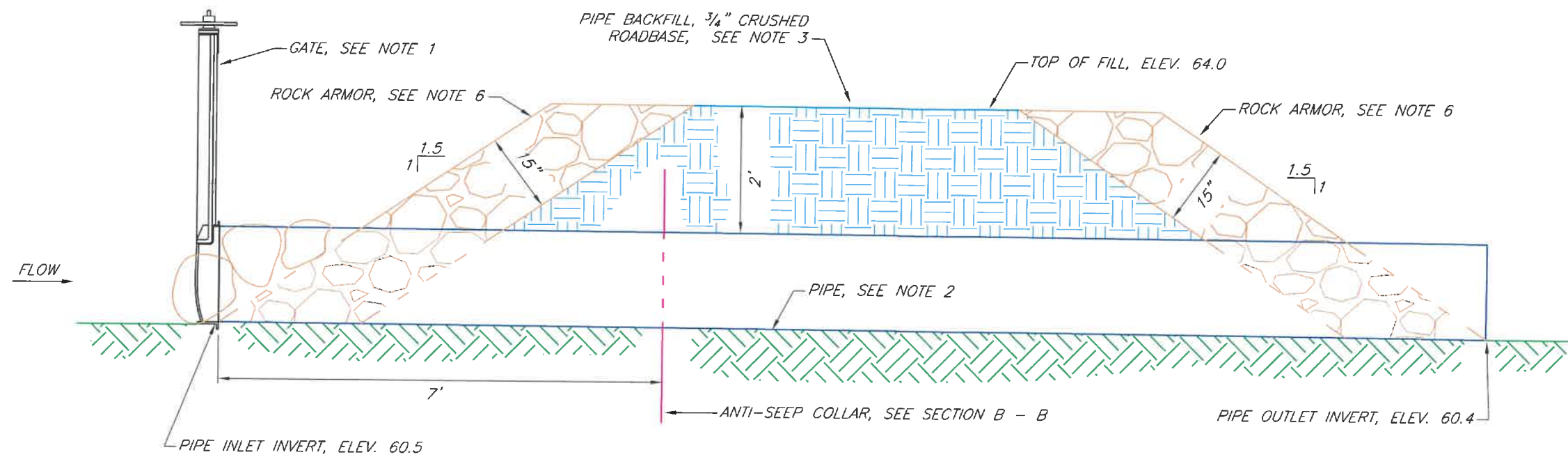
EQIP Contract No.	
Contract Item No.	
Job Class	IV

TCB Properties, LLC
Teller Ditch Diversion
SHEET 3 of 5 Jackson County, CO

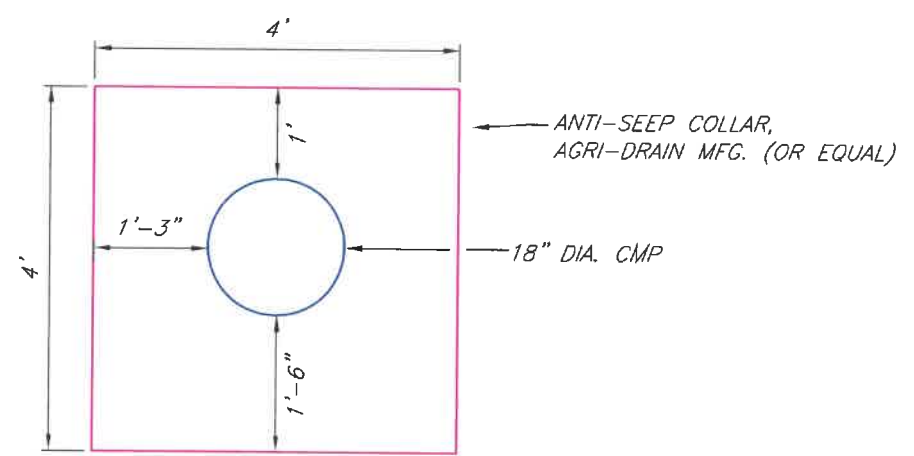
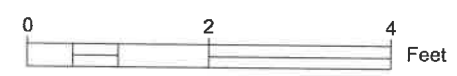


File No.
Teller Ditch
Diversion.dwg

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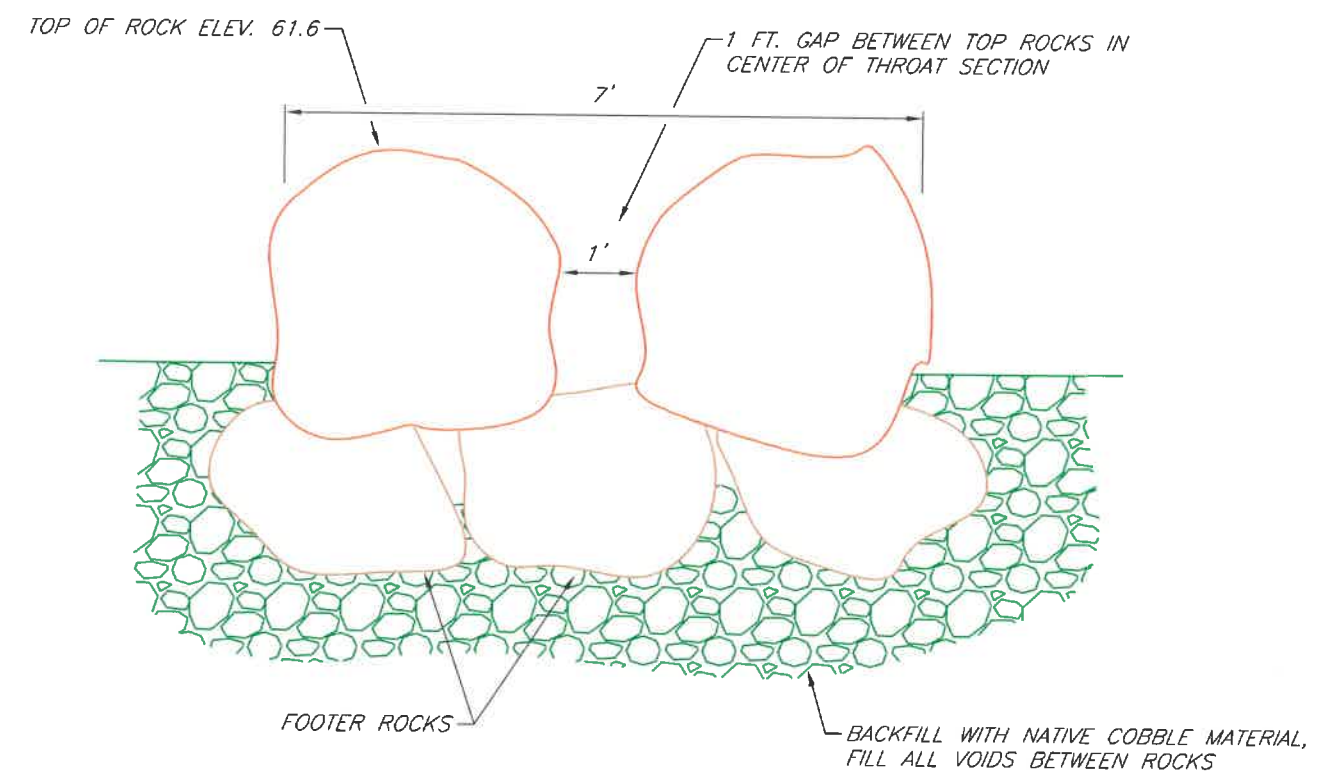


SECTION A - A

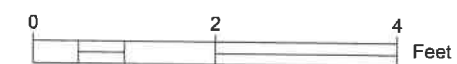


Note:
For Agri-Drain collar, cut 12 inch hole for 18" pipe (per manufacturers instructions).

SECTION B - B



SECTION C - C



TCB Properties, LLC Teller Ditch Diversion SHEET 4 of 5 Jackson County, CO	Date Feb 2017	Designed VF	Drawn VF	Checked MV	Approved VF	
	EQIP Contract No.	Contract Item No.	Job Class	IV		
	United States Department of Agriculture Natural Resources Conservation Service	File No. Teller Ditch Diversion.dwg				

6/8/17 10:33 AM

ATTACHMENT C.

Harry Corkle Construction

Walden, CO 80480

P.O.Box 306

Estimate

DATE	ESTIMATE NO.
9/14/2017	1152

NAME / ADDRESS
Tom Burke

P.O. NO.		PROJECT		
ITEM	DESCRIPTION	QTY	COST	TOTAL
	Teller Ditch Project			
	As per plans for Teller Ditch Diversion			
3/4" Road Base	3/4" Crushed Road - 8 cubic yards delivered to site		312.00	312.00T
Rip Rap	Rip Rap sizes 30"-42" - 34 Cubic yards delivered to site		2,440.00	2,440.00T
Rip Rap	Rip Rap sizes 8" - 18" - 12 cubic yards delivered to site		800.00	800.00T
	* More Fill may be needed if there is not adequate quantities onsite*			
18" x 20' spiral ste...	As per specs on design: 18" x 20' 16 gauge, galvanized spiral corrugated metal pipe. 18" 18" Fresno 101C spigot Back, Antiscep collar. includes freight of material to Walden		3,182.23	3,182.23T
Employee Labor	Employees Labor		1,500.00	1,500.00
Trackhoe	Trackhoe remove existing headgate and reinstall new culvert, headgate, place aggregate material and clean up.		5,700.00	5,700.00
Mobilization	Mobilization for equipment		1,200.00	1,200.00
Pad Compactor	Compactor		450.00	450.00
	* This does not include pricing for removal of willows. If willows are present in work area they will be taken out and placed onsite. If they are to be removed from workplace there will be an additional removal Disposal Charge. *			
	Sales Tax		6.90%	464.66
We look forward to working with you!		TOTAL		\$16,048.89

Certification of Conservation Practice Completion

Project Name & Location:
Teller Ditch Headgate

Inspection Date:
10-1-18

Project Owner/Sponsor:
TCB Properties

Address:

Contractor:

Harry Corkle Construction

Address:

Units of Practice(s) Installed: **18" Dia. Gate, 18" Dia X 20' CMP**
Estimate 40 Cu. yds. Rock Total, per Final Design
see Attached As Built notes on Drawing, As Built survey points and photos.
(Attach location sketch, survey notes, measurements, computations & any other relevant supporting data)

All old sheet piling removed per Forest Service Request.

To the best of my knowledge and belief all work included in this project has been substantially completed in compliance with design requirements, final plans, specifications, and any or all other applicable contract requirements, except as noted below.

Exceptions: ☒ Yes, as noted below or on attachment

☐ None

(2) #587 - completed

AFFIX PROFESSIONAL
REGISTRATION SEAL
(if applicable)

Name of Firm or Agency:
NRCS

Address:

Name of Certifying Individual:

Vance Fulton

Title:

Engineering Technician

Signature of Certifying Individual:

Vance Fulton

Date:

10-10-18

The exceptions noted above were completed on

date

Name of Firm or Agency:

Address:

Name of Certifying Individual:

Title:

Signature of Certifying Individual:

Date:

☒ Copy NRCS File
contract

"As Built"

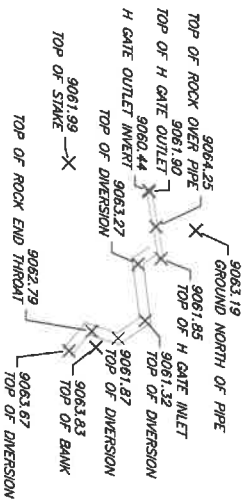
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NEW BRSE

X 9059.06
FLUME FLOOR
X 9059.05
FLUME FLOOR

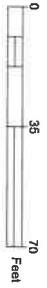
X 9057.97
D BOT

X 9059.18
D BOT

X 9080.02
D BOT



AS BUILT SURVEY POINTS



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File No.
As Built
Survey.dwg



Teller Ditch Headgate
As Built Survey

SHEET 1 of 1 Jackson County, CO

EQUIP Contract No. _____
Contract Item No. _____
Job Class _____

	Date
Designed	----
Drawn	VF 10/10/18
Checked	---- 10/10/18
Approved	VF 10/10/18

As built Survey and inspection
done 10-1-18 VF

As built Survey and
done 10-1-18 VF

Feb 2017
March 2017

Designed _____
Drawn _____
Checked _____

Contract No. _____
 Contract Item No. _____
 Class *IV*

Date _____

2

- CB Properties, LLC
Miller Ditch Diversion
1 of 5 Jackson County, CO

SIEVE SIZE OF ROCK	PERCENT PASSING
42"	100

72	100
36	50
30	0

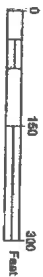
Agriculture
on Service

<u>SIEVE SIZE OF ROCK</u>	<u>PERCENT PASSING</u>
18"	100

100
75
0

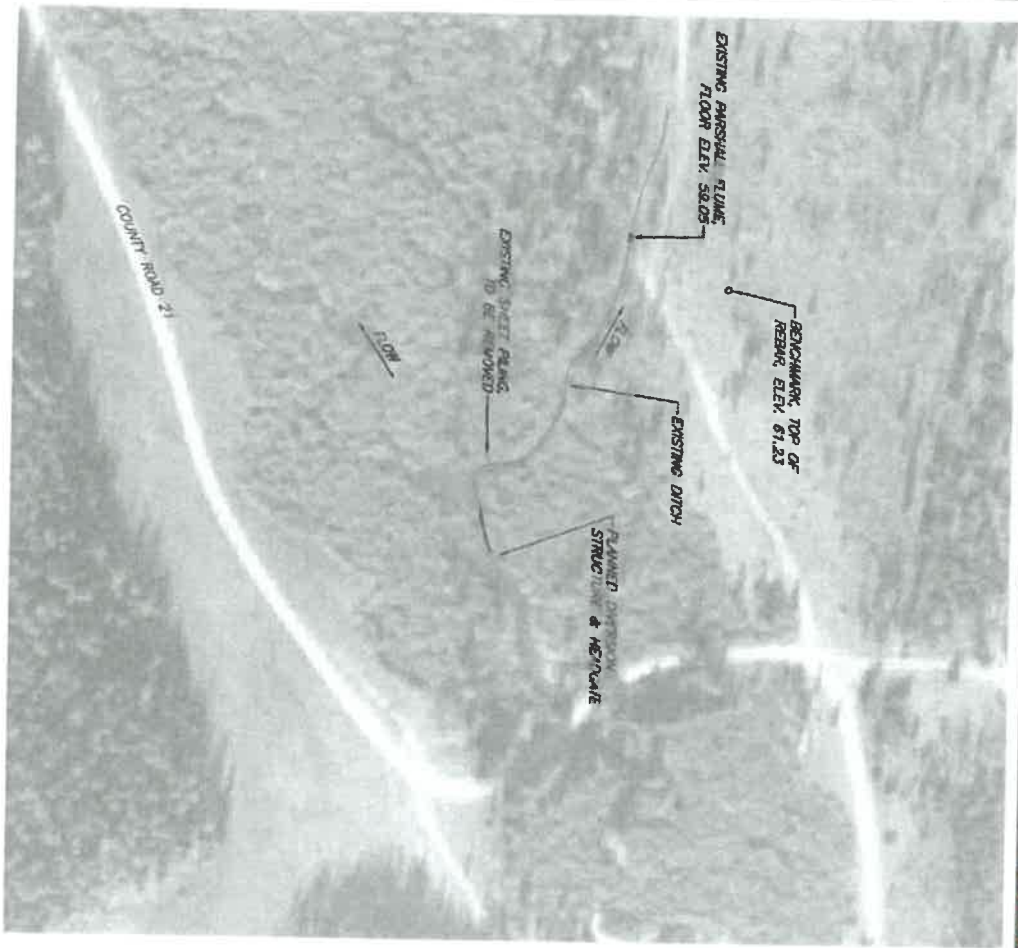
United States
Full Resource

File No.	USD
	Nature



No.

SE 1/4 OF THE SW 1/4, SEC. 4, T. 5 N., R. 77 W.



SHEET 1 of 5 Jackson County, CO



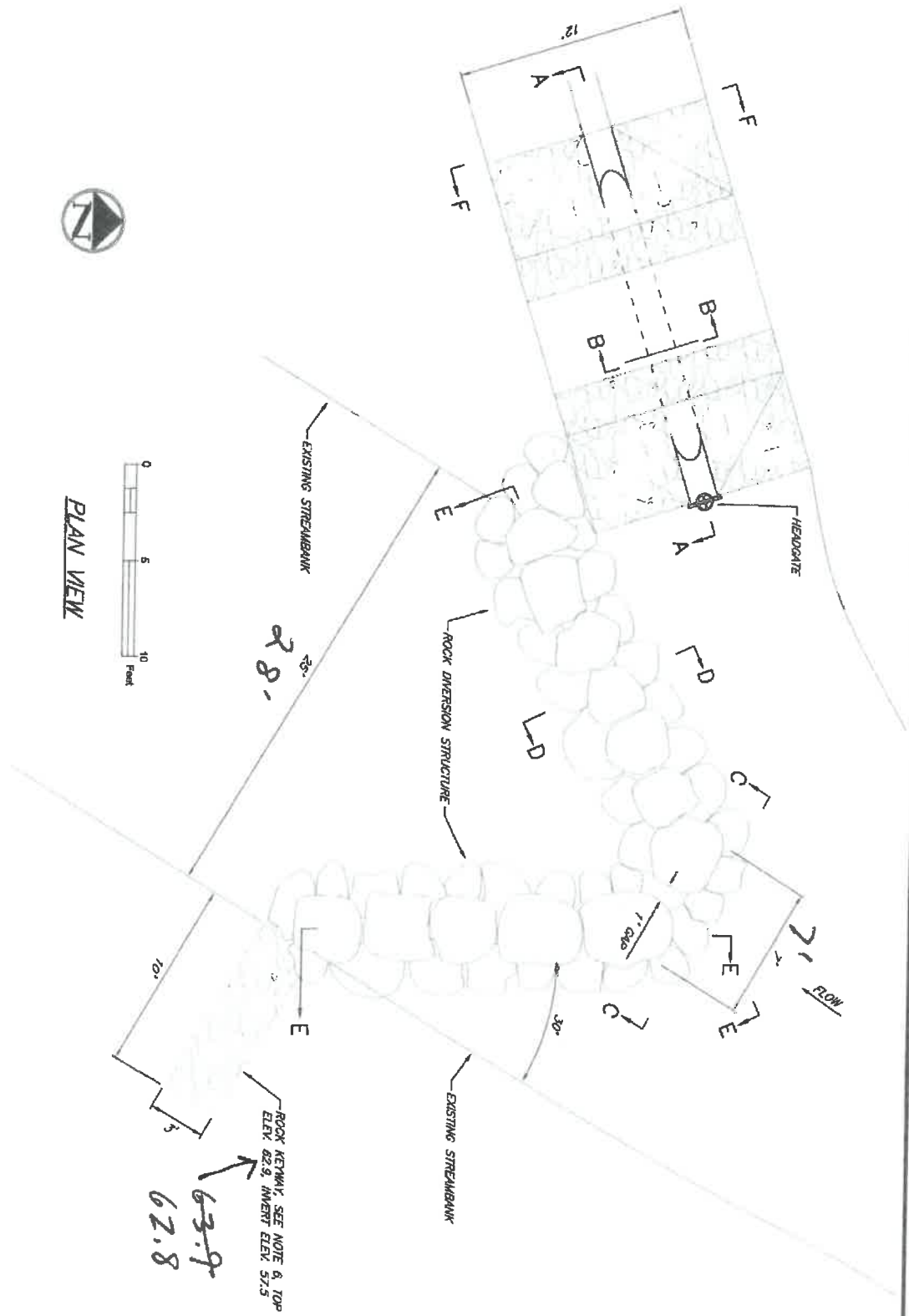
CONSTRUCTION SITE PLAN

- EQUIPMENT REQUIRED FOR CONSTRUCTION:
- ONE TRACK EXCAVATOR
 - ONE RUBBER TIRE LOADER

APPROXIMATELY 20 ROUND TRIPS WILL BE REQUIRED BY EQUIPMENT BETWEEN THE MAIN STAGING AREA AND CONSTRUCTION SITE.

6/9/17 10:55 AM Teller Ditch Diversion.dwg	USDA United States Department of Agriculture Natural Resources Conservation Service	TCB Properties, LLC		EQIP Contract No. _____	Designed <u>WF</u> <u>Feb 2017</u>
		Teller Ditch Diversion		Contract Item No. _____	Drawn <u>WF</u> <u>March 2017</u>
		SHEET 2 of 5 Jackson County, CO		Job Class <u>IV</u>	Checked <u>MY</u>
				Approved <u>WF</u>	

As Built 10-1-18 VF



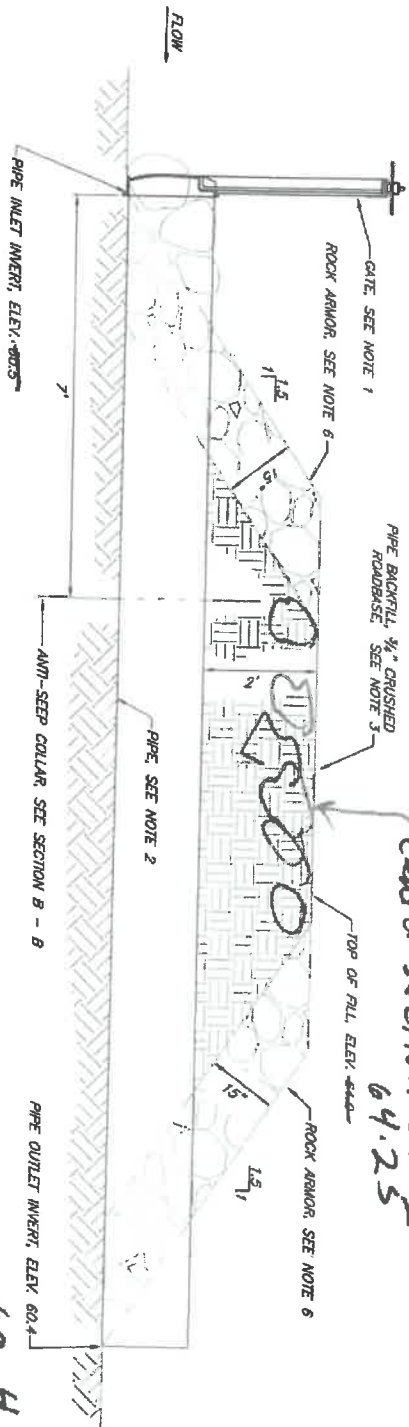
 United States Department of Agriculture Natural Resources Conservation Service	TCB Properties, LLC Teller Ditch Diversion SHEET 3 of 5 Jackson County, CO		EQUIP Contract No. _____	Designed <u>VF</u> Date <u>Feb 2017</u>
			Contract Ren No. _____	Drawn <u>VF</u> March 2017
			Job Class <u>IV</u>	Checked <u>MY</u>
				Approved <u>VF</u>

4/8/17 10:53 AM

23

As Built 10-1-18 VF

Rock Armor Placed 12:11 Also.
Center section at 64.25

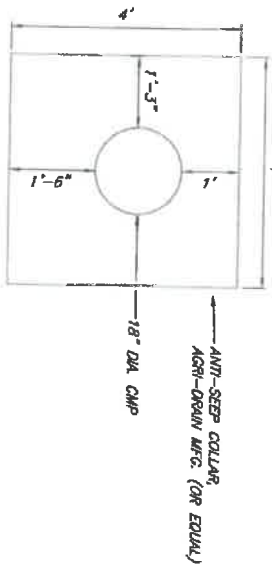


60.35

SECTION A - A

60.4

A corrugated metal collar was used, not Agri-Drain (OK)



Note:
For Agri-Drain collar, cut 12 inch hole for 18" pipe (per manufacturers instructions).

SECTION B - B



SECTION C - C



TCB Properties, LLC
Teller Ditch Diversion

SHEET 4 of 5 Jackson County, CO

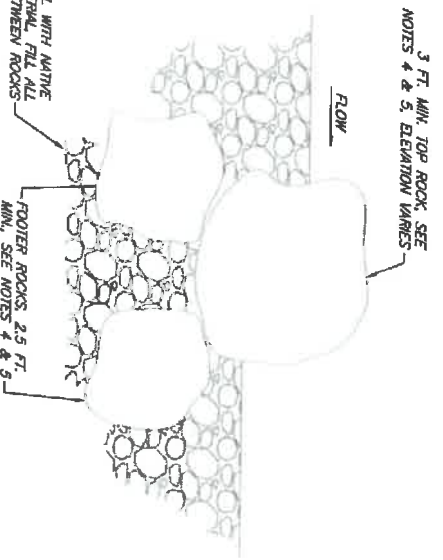
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Contract Item No. _____
Job Class IV

Designed VF Feb 2017
Drawn VF March 2017
Checked MV
Approved VF

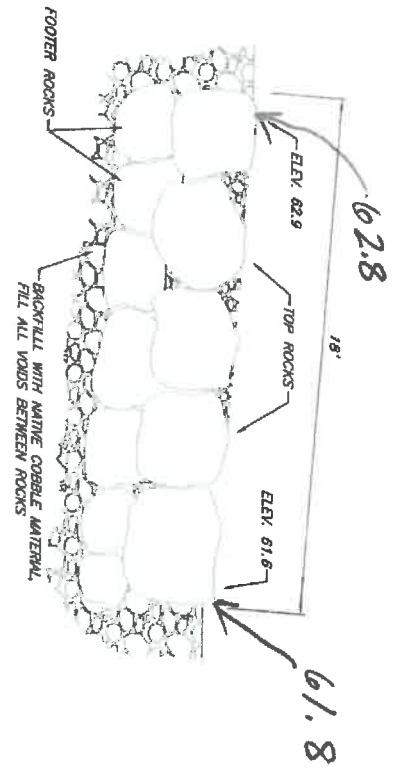
File No. _____
Teller Ditch Diversion
6/8/17 10:33 AM

USDA
United States Department of Agriculture
Natural Resources Conservation Service

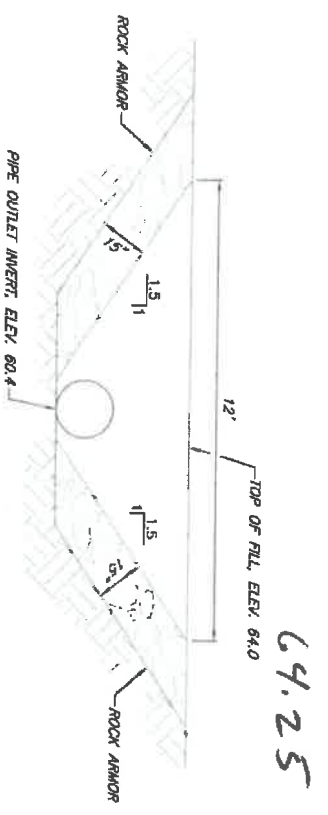
As Built 10-1-18



SECTION D - D



SECTION E - E



SECTION F - F

EQUIP Contract No. _____	Designed <u>VF</u> <u>Feb</u> <u>2017</u>
Contract Item No. _____	Drawn <u>VF</u> <u>March</u> <u>2017</u>
Job Class <u>IV</u>	Checked <u>MV</u> _____
	Approved <u>VF</u> _____

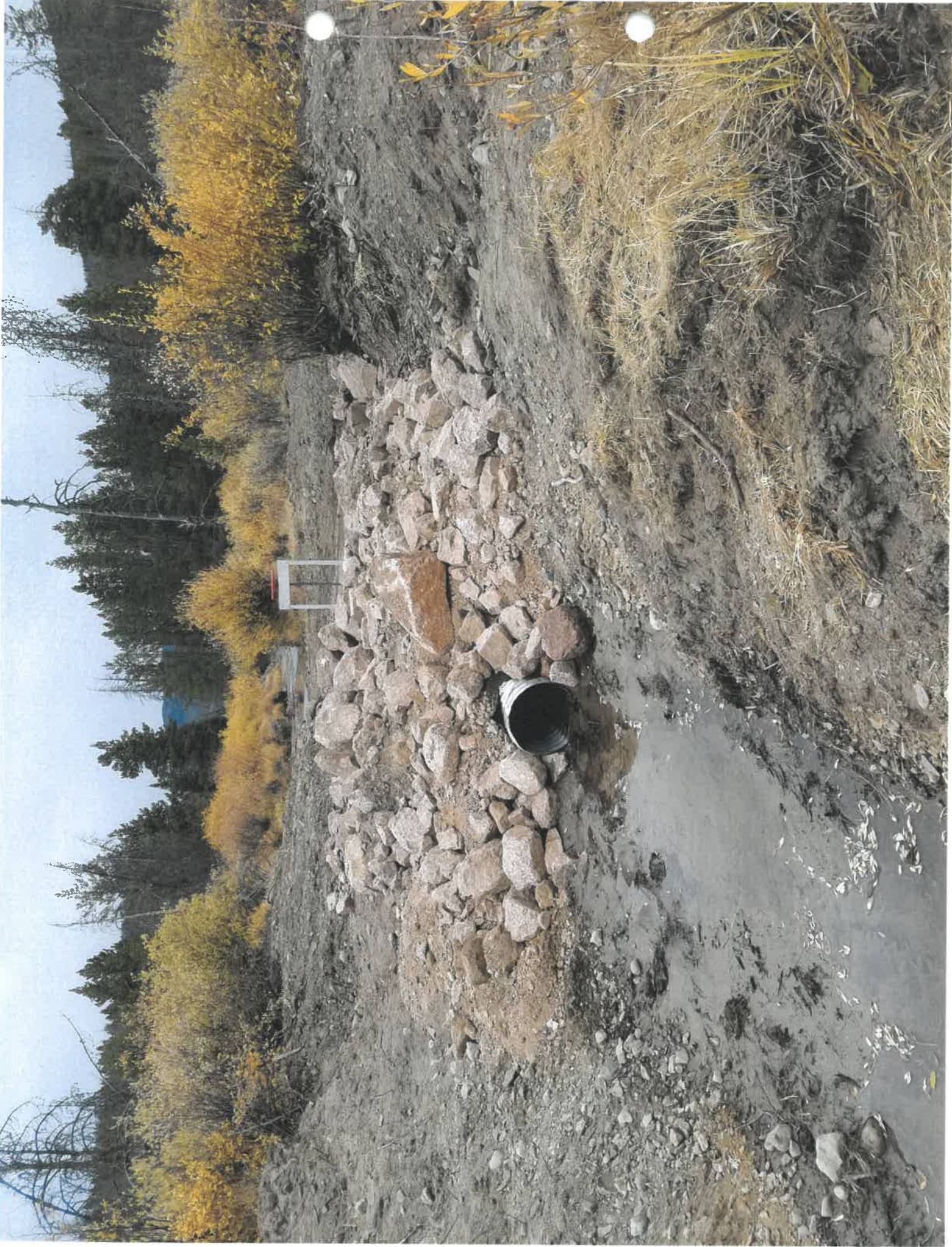
TCB Properties, LLC
Teller Ditch Diversion
SHEET 5 of 5 Jackson County, CO



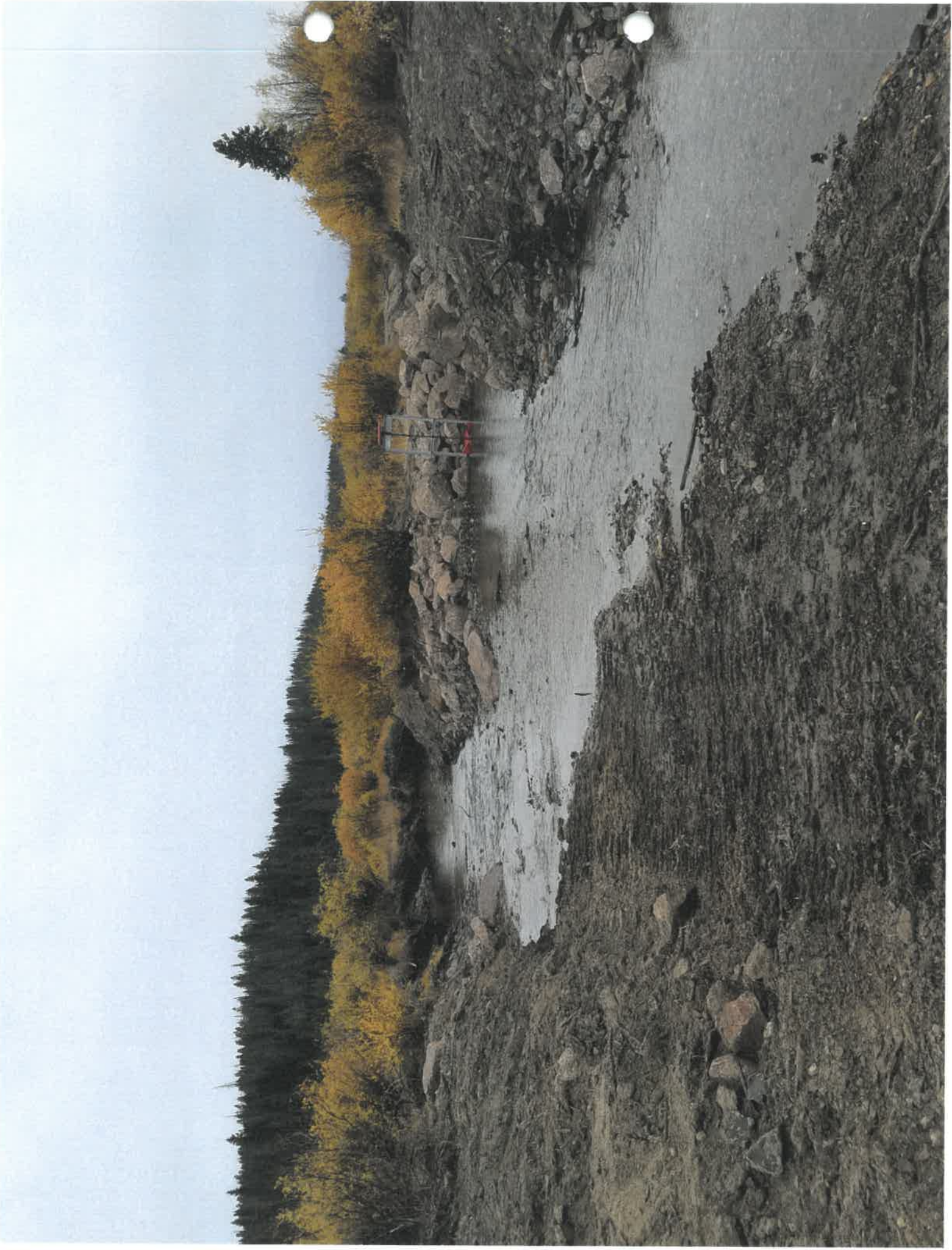
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53

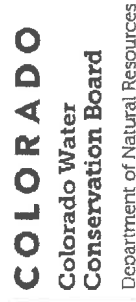












Prepared Date: May 9, 2018

Name of Project: Teller Ditch Improvements

Project End Date: June 1, 2021

[illegible]

NRCS
* ACTUAL \$3,387.16
(Decreased)

LANDOWNER
* ACTUAL \$3,970.⁰²
(Increased)

* Proof of Matching Funds

PRACTICE APPROVAL AND PAYMENT APPLICATION	Participant	TCB PROPERTIES LLC	Program and Contract Number	EQIP 2014 748B05170VN
	County and State	JACKSON County, CO	Fund Code	North Platte-White-Yampa WS - Water Q/Q General (North Platte-White-Yampa Watershed)
	Watershed	Jack Creek	Payment Application Number	1

3. NRCS APPROVING OFFICIAL CERTIFICATION Pursuant to authority vested in me, I certify that the items listed herein are correct and hereby approved for payment from the fund designated on supporting data records.	
NRCS Approving Official CIN 1, 2 DEBBI HEENEY	Date 10/12/2018
USDA electronic signature, manual signature not required.	

4. PAYMENT SUMMARY Participants with 0% payment shares are not listed.						
	Payees	Payee Type	SSN or Tax ID	Account	Participant Payment Share	Payment Reductions
TCB PROPERTIES LLC		P	****8045	**8837	100.0000%	\$0.00
Total					100.0000%	\$3,387.16

5. PAYMENT ASSIGNMENTS (Use NRCS-CPA-1236)

Participants with active payment assignments are listed.

Harry Corkle Construction
34612 Highway 14
Walden, CO 80480

Invoice

Date	Invoice #
10/8/2018	8703

Bill To
Tom Burke

P.O. No.	Terms	Due Date	Account #	Project
		10/8/2018		

Description	Qty	Rate	Amount
Teller City Ditch 9/15/2018 -9/23/2018			
Mobilization and demobilization per each	1	450.00	450.00
* Backhoe, loader, trackhoe remove existing pZ-22 pilings there and install new headgate/diverson	1	13,063.00	* 13,063.00
Dumptruck + Pups to haul material to site	1	3,875.00	3,875.00
2018 Labor	1	1,857.50	1,857.50
Rip Rap angular as per specs of prints	1	4,426.50	4,426.50T
Road Base	72	12.50	900.00T
Culvert/band and headgate for diversion and fabric	1	5,313.99	5,313.99T
Sales Tax		6.90%	734.19

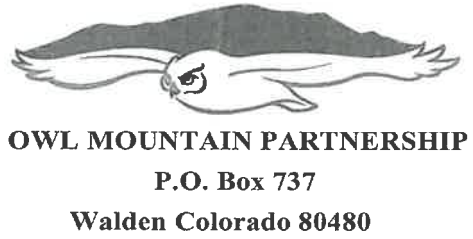
(Not PART OF PROJECT)

Not Included

We Appreciate Your Business!!!

Total	\$30,620.18
Payments/Credits	\$0.00
Balance Due	\$30,620.18

- 13,063.00
#17, 557.18



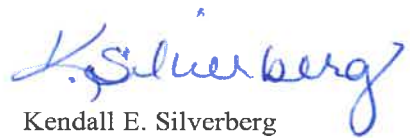
October 15, 2018

Colorado Water Conservation Board
1313 Sherman Street
Room 718
Denver, Colorado 80203

Reference Purchase Order: POGGI,PDAA,201900002013

INVOICE

Teller Ditch Grant Administration
\$612.00


Kendall E. Silverberg
Administrator for OMP