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## Follow-up on Adequacy Review Letter M2023031

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Art Braun <braunenv@msn.com>

Fri, Apr 5, 2024 at 3:45 PM

To: "Elliott Russell (DNR-DRMS)" <elliott.russell@state.co.us>, gizzmike@yahoo.com

Elliott,

Thanks for returning my call this afternoon. Per our discussion, the revised Exhibit Map E had not been attached to my original March 25, 2024 email to you. I apologize for forgetting it, but it is attached to this one. We discussed the old existing north road that Mr. Brown wants to leave in place. So to make it easier to compare present and future, I have added it as dashed lined to the Exhibit E-1 map. I did not show the turn-around Mr. Brown will need at the east end of it because we don't currently know how much room he might need. He will likely want much of the distance between the end of the dashed road as shown and the upper edge of the disturbed area.

You and I also discussed the installation of a 4-inch high cup berm along the downgradient boundary of his disturbed area to protect the neighboring properties from silt runoff until grasses in those areas have been established. A cup berm is a good solution for capturing any small amount of runoff that might occur between his constructed retention area and the topographically down-gradient property boundary. It can easily be maintained and will not interfere with or endanger wildlife. I have added the locations of those cup berms on the Exhibit E-1 map, along with a short description in the map notes. Mr. Brown will commit to their construction and maintenance.

Let me know if you have any additional questions or need anything else from me.

Take care,

Art

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### 2 attachments



**Exhibit E Map WildcatClaim.pdf**  
233K



**Exhibit E-1 Map WildcatClaim.pdf**  
283K

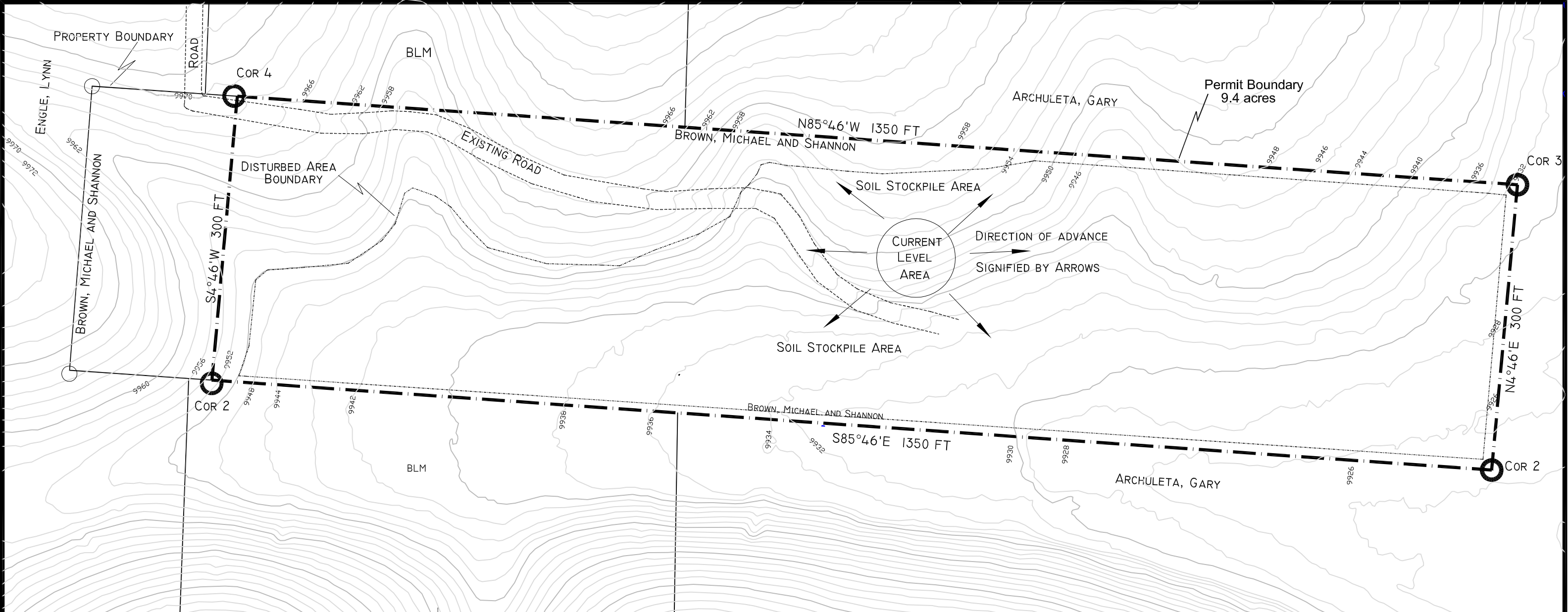


Exhibit Map E  
Showing Existing Site  
Wild Cat Claim

Owner Address:  
Michael Brown  
289 High Point  
Divide, Colorado 80414

Owner Phone Number:  
402-4990344

Property Description:  
A parcel located in SW ¼ NW ¼ Section 4, and SE ¼ NE ¼ Section 5,  
T.15S, R.69W, 6th P.M

**Notes:**  
Owner is leveling an area to build a shop and storage area. Project will be complete when area has been leveled.  
A stormwater containment area equivalent to 1.5 feet deep by 60 by 60 foot is required for each disturbed acre.

EXPLANATION

Direction that Leveling will Proceed

Permit Boundary(bearings & distances)

Property Boundries

Michael Brown — Surface and Mineral Owner

True North

Magnetic North

9°

0 50 100

Feet

SCALE 1"=100'

Contour Interval = 2 feet

Wild Cat Claim No 1- 110 Permit Coordinates of Corners for Permit Area Colorado State Plane COC83 (HARM)sft		
Corner No	Northing	Easting
1	1344873	3105210
2	1344783	3106557
3	1345083	3106584
4	1345175	3105234

Exhibit Map E

braun

BRAUN ENVIRONMENTAL, INC.  
355 South Teller Street Ste 200  
Lakewood, COLORADO 80228  
PHONE (303) 988-7697

Wild Cat Claim —MS10793  
Cripple Creek, CO

Date: Dec. 29, 2023

Rev: March 21, 2024

Drawn by: Staff

Checked by: C.A. Braun

ENGINEER'S CERTIFICATION

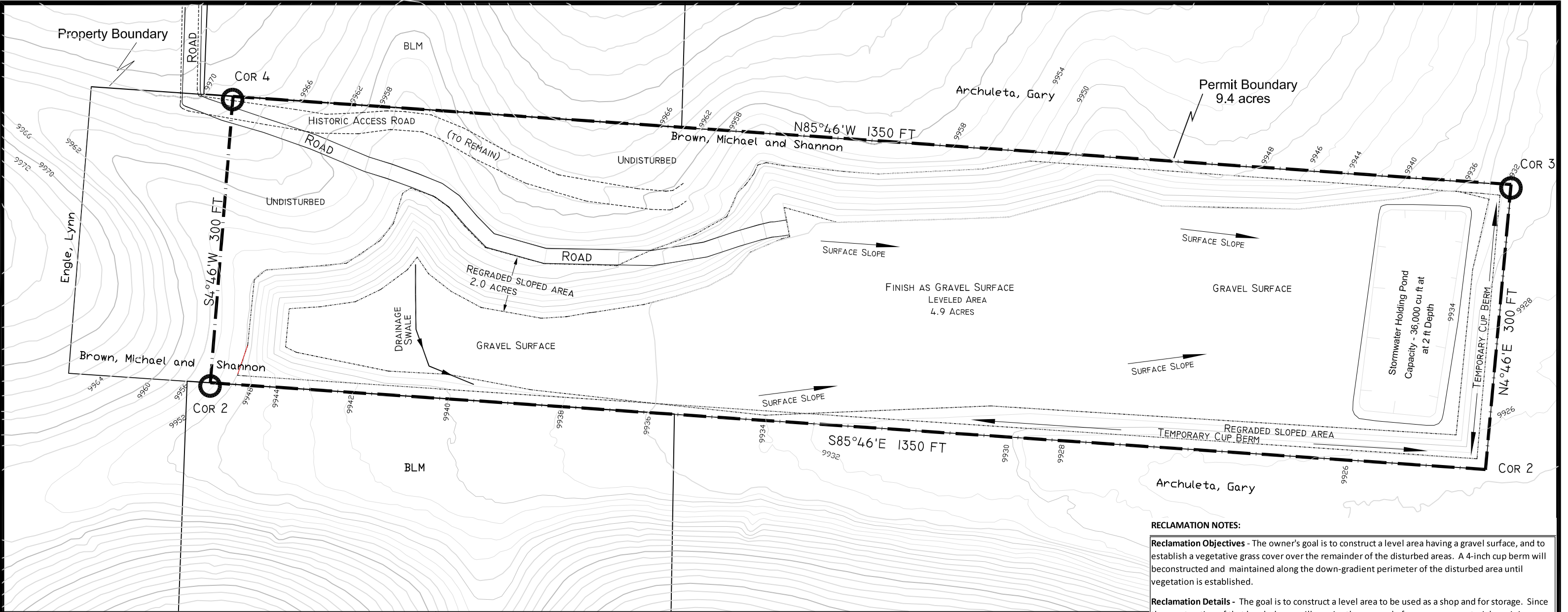
This report was prepared by the Engineer who's signature appears below or under the engineer's direct supervision.

SIGNATURE:

No. 22601

DATE: March 21, 2024

Permit corners 1 and 4 marked with No 4 Rebar set one foot above surface  
Corners 2 and 3 marked with No 4 Rebar with surveyors cap of property corner



**RECLAMATION NOTES:**

**Reclamation Objectives** - The owner's goal is to construct a level area having a gravel surface, and to establish a vegetative grass cover over the remainder of the disturbed areas. A 4-inch cup berm will be constructed and maintained along the down-gradient perimeter of the disturbed area until vegetation is established.

**Reclamation Details** - The goal is to construct a level area to be used as a shop and for storage. Since the construction of that leveled area will require the removal of some excess material, a mining permit is required. The leveled area will be surfaced in gravel, and the regraded sloped area will be graded, covered with the soils that have been stockpiled. A grass cover will then be established over the sloped areas to rebeautify the area and reduce erosion to pre-disturbance levels.

**Vegetative Details** - the regraded sloped area will be covered with 6 inches of soil and then seeded. The seed mixture chosen from the local soil conservation district by the engineer, will be hand broadcasted and covered by either hand raking or using a harrow methods. The seed mix will be sowed at a rate of 20 pounds per acres per supplier's recommendations. Seeding is to be done in early spring or late fall to maximize the germination rate and to increase the chances of a successful revegetation. Use of fertilizers is not anticipated to be necessary to obtain reclamation objectives. Monitoring of the site will occur until reclamation objectives have been met.

Exhibit Map E-1  
Site Reclamation Map  
Wild Cat Claim

Owner Address:  
Michael Brown  
289 High Point  
Divide, Colorado 80414

Owner Phone Number:  
402-4990344

Property Description:  
A parcel located in SW ¼ NW ¼ Section 4, and SE ¼ NE ¼ Section 5,  
T.15S, R.69W, 6th P.M

True North  
Magnetic North  
9°

EXPLANATION

Permit Boundary(bearings & distances)

Property Boundries

Surface and Mineral Owner

Michael Brown

0 50 100  
Feet  
SCALE 1"=100'  
Contour Interval = 2 feet

braun

BRAUN ENVIRONMENTAL, INC.  
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Lakewood, COLORADO 80228  
PHONE (303) 988-7697

Wild Cat Claim -MS10793  
Cripple Creek, CO

Date: Dec. 29, 2023

Rev: April 5, 2024

Drawn by: Staff

Checked by: C.A. Braun

Permit corners 1 and 4 marked with No 4 Rebar set one foot above surface  
Corners 2 and 3 marked with No 4 Rebar with surveyors cap of property corner  
Drainage Swale to be installed upon completion of project

ENGINEER'S CERTIFICATION

This report was prepared by the Engineer who's signature appears below or under the engineer's direct supervision).

SIGNATURE:

No. 22601

DATE: April 5, 2024

COLORADO REGISTERED PROFESSIONAL ENGINEER

22601