

April 8, 2024

Mr. Leigh D. Simmons
Colorado Department of Natural Resources
Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203

**Re: Mountain Coal Company, LLC, West Elk Mine; Permit No. C-1980-007;
Technical Revision No. TR-153, Drill a 19" pilot hole from the surface at Deer Creek
Shaft to the B Seam horizon.**

Dear Mr. Simmons:

Mountain Coal Company, LLC (MCC) submits this cover letter, application, public notice, construction figures and revised Map 53D for Technical Revision No. 153.

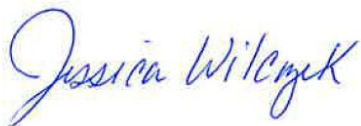
This project will construct a one foot thick 10' x 27' concrete pad on the Deer Creek ventilation shaft site to be used as a drill pad. A 19" pilot hole will be drilled, grouted, and cased with 16" I.D. steel from the surface to the E Seam horizon and continue uncased to the B Seam horizon. This will allow for the construction of a 22' diameter raise bore ventilation shaft between the B and the E Seams. This ventilation shaft will be lined with a 12" concrete liner immediately following boring for a final diameter of 20'.

The pilot hole will be capped with a valve for possible future use.

At the time the B to E Seam ventilation shaft is no longer needed seals will be constructed in the three E Seam entries to close off the shaft.

Please contact me with any questions regarding this submittal.

Sincerely,



Jessica Wilczek, P.E.
Manager of Engineering and Environmental Affairs

CC: Weston Norris- MCC
Cathie Pagano- Gunnison Co.



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567

APPLICATION FORM FOR A REVISION TO A COAL MINING AND RECLAMATION PERMIT

This form must be completed and submitted with all requests for minor revisions, as defined in Rule 1.04(73), technical revisions, as defined in Rule 1.04(136), and permit revisions, as defined in Rule 1.04(90). All revisions are to address the requirements of Rule 2.08.4. Three (3) copies of the revision, including maps, must be submitted in order for it to be complete.

All revisions are to be formatted so they can be inserted into the permit to replace the revised sections, maps, tables and/or figures, with a revised table of contents, if necessary. The revision submittal date should be printed in the lower right corner of each revision page. A cover letter to the revision should explain the nature of the revision and reference the specific permit sections being revised.

For federal mines, a copy of the revision application must be submitted to all agencies on the federal mailing list (except OSM) at the same time the application is submitted to the Division, and proof of distribution must be submitted to the Division along with the application. Copies of revision pages modified during the review process must be distributed in the same manner, along with proof of distribution. Proof of distribution must be submitted prior to implementation of the revision.

Permit No.: C - 1980 - 007 **Date:** 04 / 08 / 2024

Permittee: Mountain Coal Company, LLC

West Elk Mine

Street: 5174 Highway 133

City: Somerset

State: CO **Zip Code:** 81434 - 0591

Brief Description of Revision: Technical Revision 153 – Drill a 19" pilot hole from the surface at Deer Creek Shaft to the B Seam horizon in order to construct a 22' diameter raise bore ventilation shaft between the B and the E Seams.

Public Notice Attached: Yes X No (*Required for PRs and TRs*)

Bond Increase: Yes No X

Federal **Non-Federal** **Mine** X

Proposed Change in:

Permit Area -

Disturbed (+/-) 0 . 0 Acres

Permit (+/-) 0 . 0 Acres

Affected (+/-) 0 . 0 Acres

Surface Ownership -

Private Land (+/-) 0 . 0 Acres

Federal Land (+/-) 0 . 0 Acres

State Land (+/-) 0 . 0 Acres

Mineral Ownership -

Mineral Private (+/-) 0 . 0 Acres

Mineral State (+/-) 0 . 0 Acres

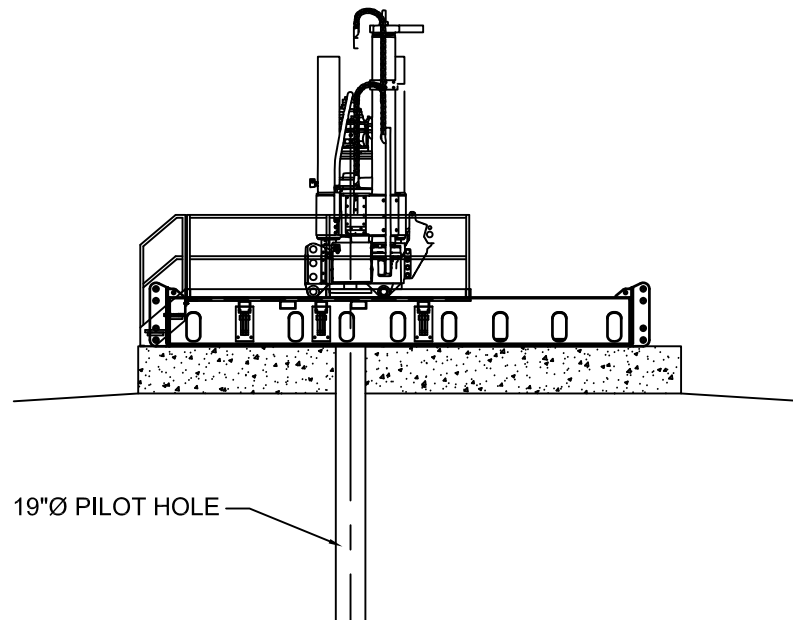
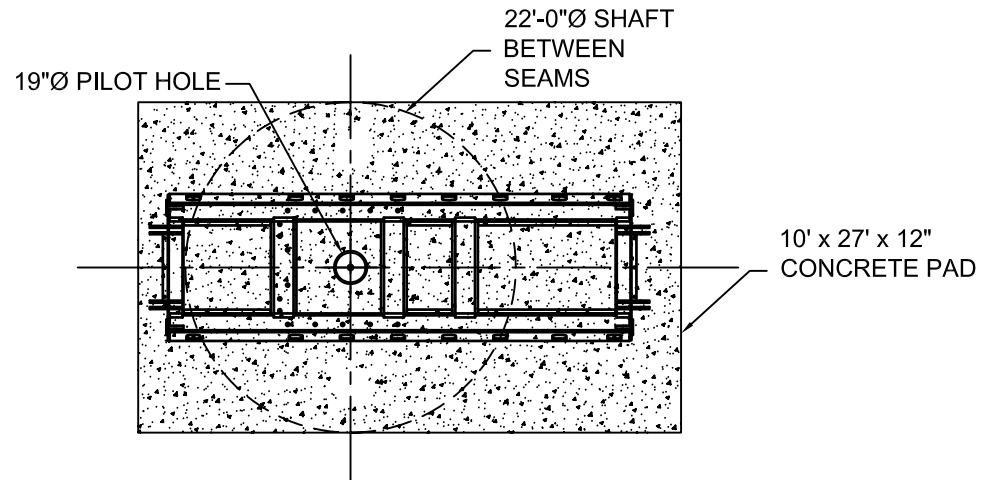
Mineral Federal (+/-) 0 . 0 Acres

Public Notice

Mountain Coal Company, LLC (MCC), 5174 Highway 133, Somerset, CO 81434, (970) 929-5015, has filed a complete application for Technical Revision No. TR-153 to MCC's Mining and Reclamation Permit No. C-1980-007 with the Colorado Mined Land Reclamation Board (Board), under the provisions of the Colorado Surface Coal Mining Reclamation Act of 1979. The permit was originally issued by the Board in July 1981, and subsequently renewed in August 1986, January 1993 (effective August 1991), July 1996, July 2001, April 2007 (effective July 2006), November 2011 (effective July 2011), September 2020 (effective July 2016), and July 2022 (effective July 2021). The West Elk Mine five-year permit area contains lands in Sections 9-11, 13-36, T13S, R90W, 6th PM; Sections 23-26, T13S, R91W, 6th PM; and Sections 1-5, 8-12, 14-16, and 21-23, T14S, R90W, 6th PM in Delta and Gunnison Counties. The location of the lands can be found on the USGS 7.5 minute Somerset and Minnesota Pass Quadrangle Topographic Maps. The current permit area encompasses approximately 19,854.9 acres.

This Technical Revision is to drill a 19" pilot hole from the surface at Deer Creek Shaft to the B Seam horizon in order to construct a 22' diameter raise bore ventilation shaft between the B and the E Seams.

Copies of the technical revision application are available for review at the Colorado Division of Reclamation, Mining, and Safety (CDRMS) office, Centennial Building, 1313 Sherman Street, Room 215, Denver, Colorado, 80203, phone (303) 866-3567, and the Gunnison County Planning Office, 221 N. Wisconsin, Suite D, Gunnison, CO 81230. Comments or objections concerning the revision application should be directed to the CDRMS at the above address not later than 10 days after the date of publication of this notice in order to be considered.

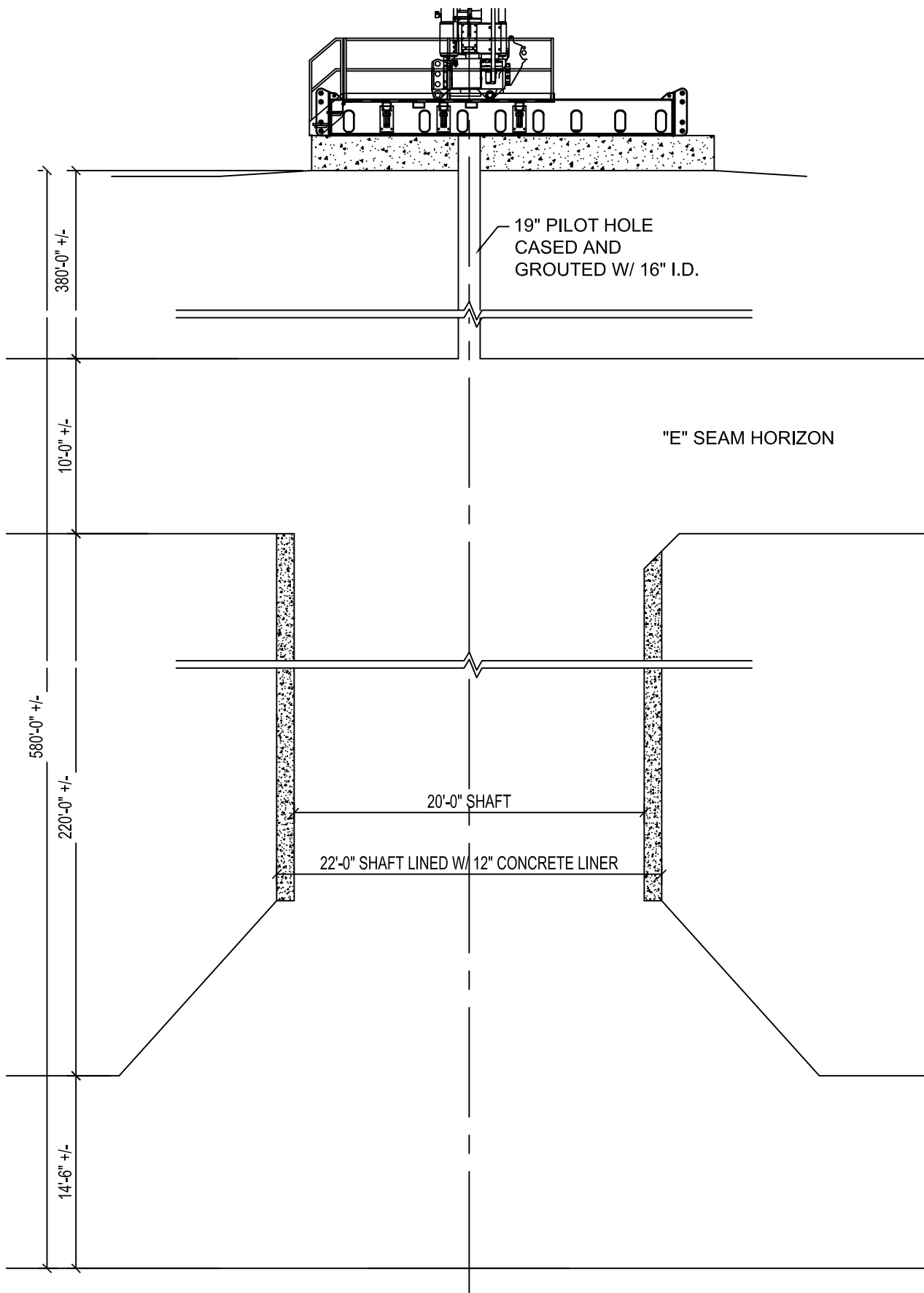


MILLER

5905 Walnut Grove Road
Carrier Mills, IL 62917
P. 618.994.4616

***Raisebore Equipment Layout
Interseam Ventilation Shaft
Mountain Coal Company, LLC
Somerset, Colorado***

Date	Description	Drafted By:
11/28/2023	Preliminary	HRB
Dwg. Path: E:\Environmental (EV)\Agencies\CDRMS\02 - Technical Revisions (TR)\TR-152 - B To E Seam Vent Shaft		
Drawing: West Elk Shaft Sinking Plan.dwg		Revision
Layout: S-1.2 - Raisebore Equipment Layout		S-1.2
Plot Date: Monday, April 8, 2024 9:35:57 AM		

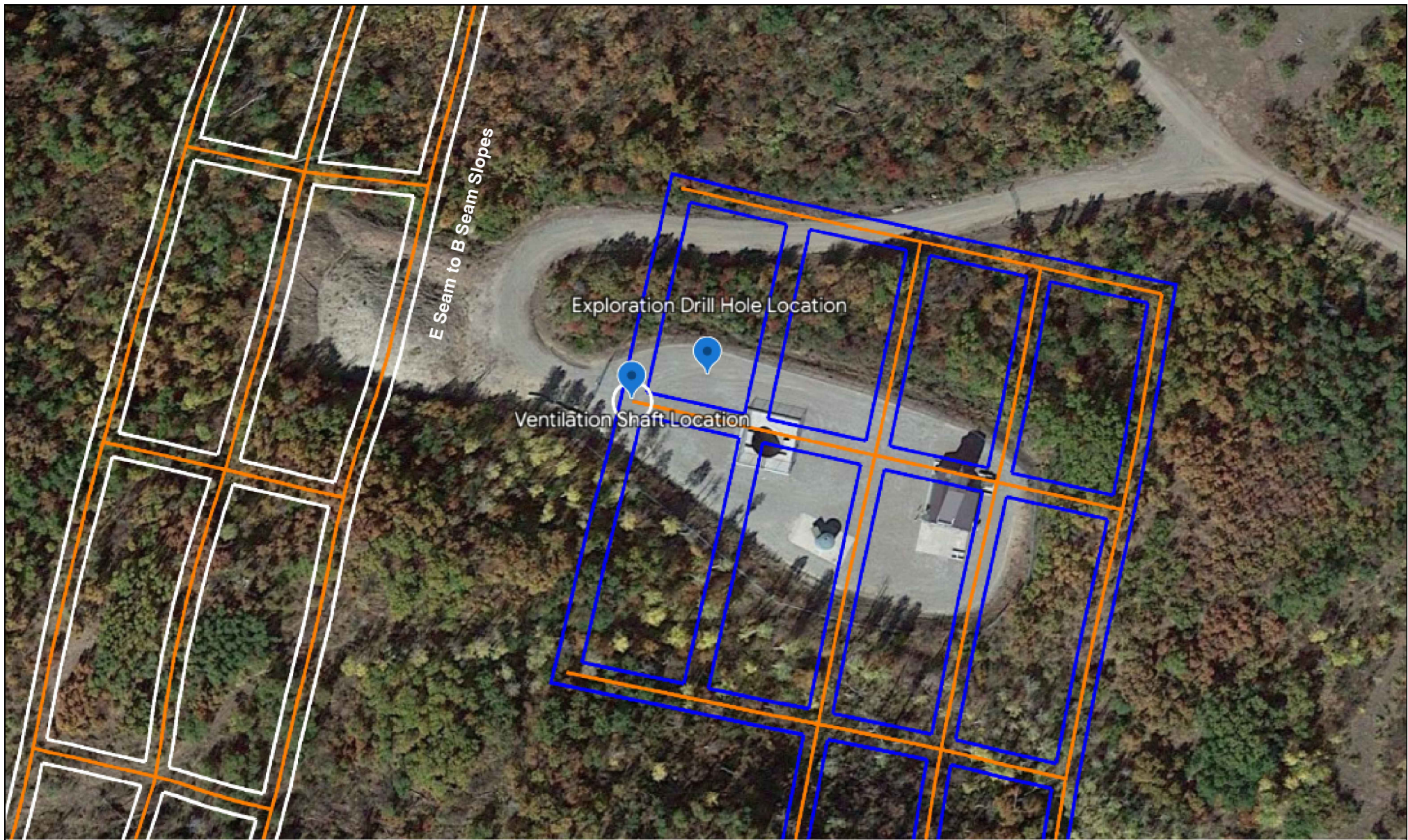


MILLER

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Shaft Section
Interseam Ventilation Shaft
Mountain Coal Company, LLC
Somerset, Colorado

Date	Description	Drafted By:
11/28/2023	Preliminary	HRB
Dwg. Path: E:\Environmental (EV)\Agencies\CDRMS\02 - Technical Revisions (TR)\TR-152 - B To E Seam Vent Shaft		Sheet
Drawing: West Elk Shaft Sinking Plan.dwg		
Layout: S-1.4 - Shaft Section		
Plot Date: Monday, April 8, 2024 8:55:16 AM		
		S-1.4



----- Proposed B Seam Development

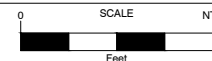


DRAWN	
DATE	BY
4/14/2023	JAW

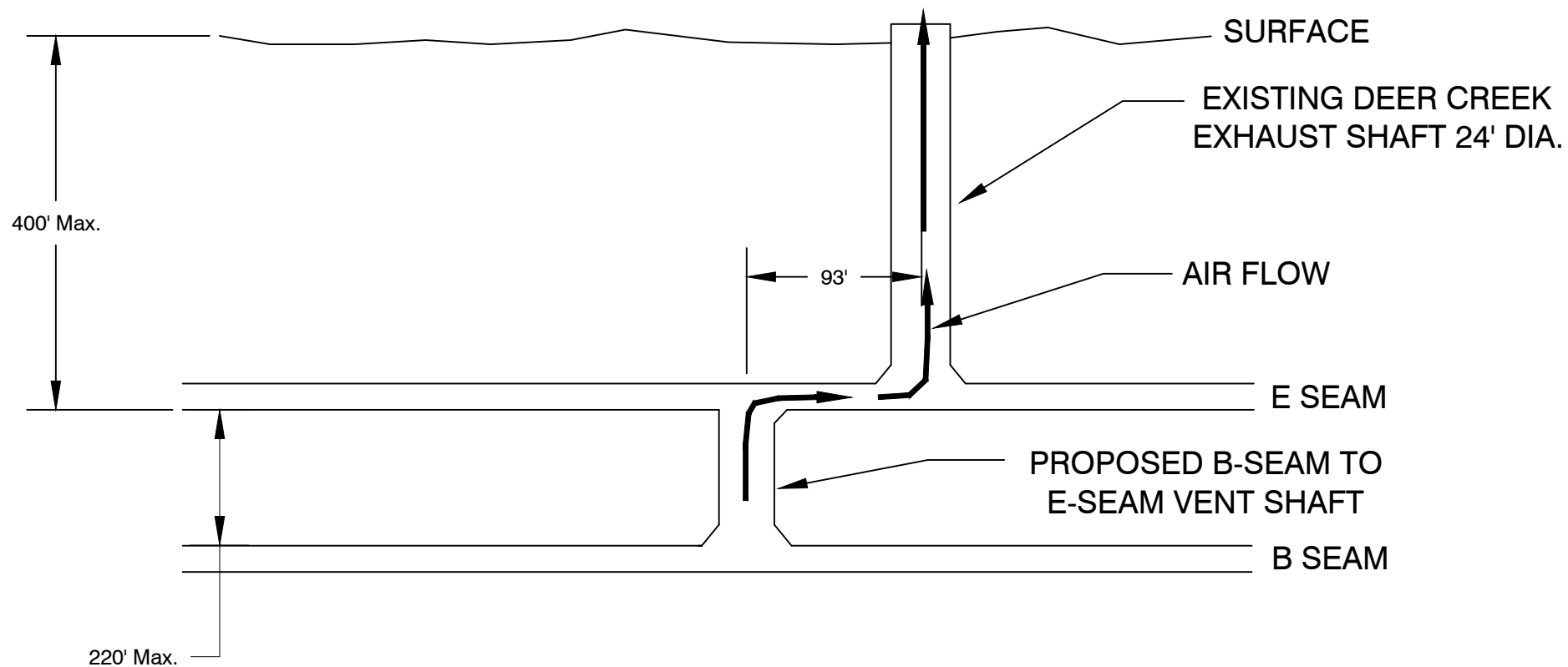
ARCH
West Elk

5174 Highway 133
Someraset, CO 81434
Operated by Mountain Coal Company, L.L.C.
A subsidiary of Arch Resources, Inc.

Figure Two
Site Location with
Underground Workings



FILE NO.
UGBSPBE-101.DWG
Path: W:\MCC-ENGINEERING\UNDERGROUND\100\B SEAM\B5\PROJECTS
P18 TO E SEAM VENT RAISE\DRAWINGS






DRAWN			5174 Highway 133 Somerset, CO 81434 Operated by Mountain Coal Company, L.L.C. A subsidiary of Arch Resources, Inc.
DATE	BY		
4/14/2023	JAW		

Figure One
Profile Sketch



0 SCALE NTS



Feet

FILE NO.
UGBSPBE-101.DWG

Path: W:\MCC-ENGINEERING\UNDERGROUND\100\B SEAM\BSE\PROJECTS
(P)B TO E SEAM VENT RAISE\DRAWINGS