Note:
Specific details on the Main Mine Site are shown on Map 53.

High Rockfall Potential

High Rockfall Potential

High Rockfall Potential

RPE ACCESS/HAUL ROAD

MAIN HAUL/ ACCESS ROAD

Sylvester Gulch Live Subsoil Stockpile #1

Light Use Road

25-11.5

East Sylvester Gulch Drill Road

SYLVESTER GULCH

Sylvester Gulch MAIN HAUL/ACCESS ROAD

FAN FORK SYLVESTER GULCH

12.47KV POWERLINE FROM FAN TO PORTALS

Poles 7 & 8 Road

Pole 9 Road

Pole 10 Road

Pole 11 Road

Pole 12 Road

Pole 13 Road

Pole 14 Road

Pole 15 Road

Pole 16 Road

Pole 17 Road

Sylvester Gulch Fan

SYLVESTER GULCH

SYLVESTER GULCH FAN 12.47KV DISTRIBUTION LINE

MEADOW PARK DRILL ROAD

SYLVESTER GULCH 46KV TAP LINE (DMEA)

12.47KV POWERLINE FROM PORTALS TO WAREHOUSE

Transmission Line Light Use Road

TOPSOIL STOCKPILE #4

SWITCHGEAR BUILDING

F-SEAM PORTALS

1.2 MM GALLON MINE WATER TANK

Light Use Road

LIVE SUBSOIL STOCKPILE #2

Piezometer

Mine Water Treatment Ponds

Power Line from Sylvester Gulch Substation back to Main Mine Site

BURIED 12" HDPE PIPELINE

Dewatering Boreholes

Recirculation Borehole

SYLVESTER GULCH MINE WATER PUMPING FACILITY

MATERIALS STORAGE AREA

TOPSOIL PILE #1

SYLVESTER GULCH SUBSTATION

TOPSOIL PILE #3

DEWATERING FACILITY 12.47KV DISTRIBUTION LINE

SEE INCLINOMETER DETAIL BELOW

24-08

24HG2E18XC fill

24-09

DETENTION POND

23-05

23HG1E18XC (P&A 7-07)

23HG2E18XC (P&A 7-07)

OVERFLOW COLLECTOR CHANNEL

SHAFT SITE TOPSOIL STOCKPILE

METHANE EXHAUST BUILDING

24HG2E25XC

24HG1E24-6XC

24HG1E25XC

BURIED 8" HDPE GAS LINE

FAN BACKUP GENERATOR

NITROGEN SUPPLY FACILITY

SHAFT NO.2 MINE VENTILATION INTAKE AIR HEATING BUILDING

COMPRESSOR BUILDING

SHAFT #2 W/ INTAKE FANS & ASSOCIATED MCC, LUBE & MOTOR BUILDINGS

SHAFT #1 COMPRESSED AIR SUPPLY FACILITY

ROCK DUST STATION

BURIED 12" HDPE PIPELINE

SHAFT #1 W/ INTAKE FAN & ASSOCIATED MCC, LUBE & MOTOR BUILDINGS

E SEAM TEMPORARY CHANGE FACILITIES

SHAFT NO.1 MINE VENTILATION INTAKE AIR HEATING BUILDING

SHAFT #3 FAN DEGAS BOREHOLE MR-348

E SEAM CONCRETE DELIVERY BOREHOLE

ELECTRIC BOREHOLE

BURIED 12" HDPE PIPELINE

SHAFT LAY DOWN AREA

MANHOLE LOCATION

Shaft #3 Light Use Road

FRAC TANK LOCATION

DEGAS BOREHOLE

SHAFT SITE 12.47KV DISTRIBUTION LINE

SG-1 Light Use Road

BURIED 12" HDPE PIPELINE

SG-1 Sediment Pond

Powerline Light Use Road

DRAIN LOCATION

8-INCH HDPE PIPELINE

ELECTRIC BOREHOLE 12.47KV DISTRIBUTION LINE

RANGE 90 WEST, TOWNSHIP 13 SOUTH

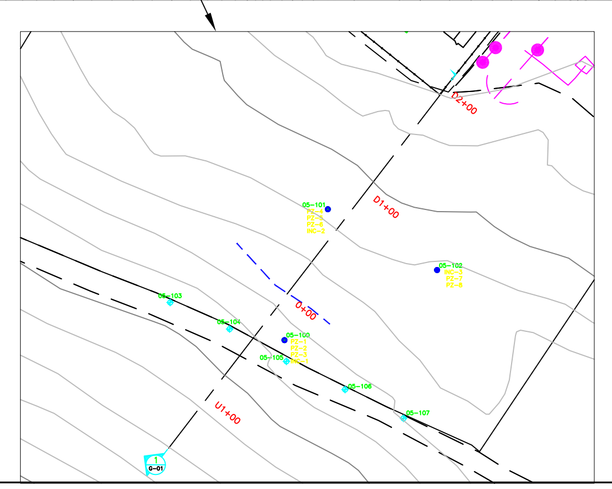
LEGEND

- Roads
- Subsidence Monitoring Points
- Power poles
- Powerline
- 16° angle of draw
- 25° angle of draw

NOTES:
DUE TO LIMITED LEVEL SPACE ON THE MINE SITE, SUPPLIES AND MATERIALS MAY BE STORED ALONG ROADS AND OTHER OPEN, PREVIOUSLY DISTURBED AREAS, WITHIN THE DRAINAGE CONTROL SYSTEM, EXCEPT POND EMBANKMENTS, TOPSOIL STOCKPILES, AND PERMANENTLY REVEGETATED AREAS, THOUGH NOT IDENTIFIED AS SUCH ON THIS MAP. STORAGE AREAS WILL BE CONSOLIDATED AS POSSIBLE.

THE ROADS TO POLES 7 THROUGH 17 ARE LIGHT-USE ROADS.

SMALL TOPSOIL STOCKPILES ARE LOCATED AT THE END OF POLE 9, 11, 12, 13, 14, AND 16 ROADS



THIS DRAWING WAS PREPARED UNDER MY SUPERVISION AND REPRESENTS INFORMATION THAT IS ACCURATE TO THE BEST OF MY KNOWLEDGE

COLORADO LICENSED JESSICA A. WILDEMAN 39802 PROFESSIONAL ENGINEER 7/5/23

Mountain Coal Company

West Elk Mine, Mountain Coal Company, L.L.C. An Arch Coal Company
5174 HWY. 133 Somerset, CO 81434

Map 53B Surface Facilities
Sylvester Gulch Facilities Area West Elk Mine

ENGINEERING/DRAWING BY	SCALE	DATE
JAW	1"=300' 10-foot	August 2019
APPROVED BY: JAW	DATE REV. – REV. NO. 9/18/19–MR 438 8/27/07–MR344 5/9/10–MR 353 7/5/23–MR474 4/29/09–MR 353	ACAD DRAWING NO. MAP53B.DWG