Begin 2100 L.F. 2' Bot. Ditch & Conn. to Natural Drainage

Approx. Limit of Grading & Revegetation

580 L.F. Jute Matting Liner

370 L.F. Riprap Ditch

Approx. Limit of Grading & Revegetation

500 L.F. Jute Matting Liner

Begin 2650 L.F. 2' Bot. Ditch, Add Entrance, Conn. to Exist. Flume see Detail Sh. 41

Reference ℄ C
N 66°22'14" E

Additional 2' ditch

Approx. Limit of Grading & Revegetation

End 2' Bot. Ditch Conn. to Drainage

480 L.F. Jute Matting Liner

300 L.F. Riprap Ditch

Conc. Endwall See Detail Sh. 42

Riprap Catch Basin

End Catch Basin Sta. 312+75

580 L.F. Jute Matting Liner

Begin 1400 L.F. 2' Bot. Ditch

Sta. 314+83.00 Bk = Sta. 316+34.00 Ahd.

317 ℄ Reference ℄ D
N 66°22'14" E
95°30'43"

B.M. #5 Elev. 1056.59
Top of Iron Pin in 9½" Oak
12' Rt. of Sta. 300+00

B.M. #6 Elev. 1216.92
Top of Iron Pin in 7" Oak
31' Rt. of Sta. 313+05

SEE SHEET NO. 8

SEE SHEET NO. 5

End 24" Bit. Fiber Flume see Detail Sh. 41

Begin 960 L.F. 2' Bot. Ditch Conn. to Flume

400 L.F. Jute Matting Liner

Rock outcrop

300 L.F. Riprap Swale

End 2' Bot. Ditch, Conn. to Bit. Fiber Flume, see Detail Sh. 41

Approx. Limit of Grading & Revegetation

Water Filled Stripping

600 L.F. 24" Bit. Fiber Flume

200 L.F. 30" Bit. Fiber Flume

End Bit. Fiber Flume Conn. to 48" Flume see Detail Sh. 42

Begin Bit. Fiber Flume Sta. 300+00.00 Coopers Run

Scattered Mine Refuge Mat'l. (To be buried in Strip Pits)

End Bit. Fiber Flume Sta. 312+10.00 Coopers Run

42" Half Round Bit. Fiber Flume

Begin Bit. Fiber Flume Conn. to 48" Flume see Detail Sh. 42

For Transition Detail see Sh. 41

260 L.F. 30" Bit. Fiber Flume

2,330 L.F. 24" Bit. Fiber Flume

Conc. Endwall See Detail Sh. 42

50 L.F. Derrick Stone 4' Bot. Ditch

400 L.F. Riprap Swale

Approx. Limit of Grading & Revegetation

End 4' Bot. Riprap Ditch

SEE SHEET NO. 7

SEE SHEET NO. 13

For Profile of Coopers Run See Sheet No. 21

For Grading Sections See Sheet Nos 28, 29 & 30

NO	DATE	REVISION	APPR.

SUBMITTED Norman E. Mutchler
PROFESSIONAL

APPROVED Edward A. Rainis
CHIEF - DIVISION OF MINE DRAINAGE REHABILITATION

APPROVED
DIRECTOR - BUREAU OF CONSULTING SERVICES

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL NORMAN E. MUTCHLER ENGINEER No. 3553-E PENNSYLVANIA

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF ENGINEERING AND CONSTRUCTION

PROJECT NO. SL-126-2-7

MINE DRAINAGE
POLLUTION ABATEMENT
SWATARA CREEK WATERSHED
SCHUYLKILL COUNTY

BERGER ASSOCIATES, INC.
Consulting Engineers
P.O. Box 1943 Harrisburg, Penna.

PLAN
STRIP MINE RECLAMATION

DRAWN BY	DATE	DRAWING NO.
W.G.	APR. 17, 1973	6 of 43
CHECKED BY	SCALE	
T.T.	1" = 100'	