



END OF WORK
15+49.83

T.B.M. 3" NAIL IN 10" OAK
25' LT 15+49.83
ELEV. 1321.74



NO.	DATE	REVISION	APPR.

SUBMITTED _____
PROFESSIONAL _____
APPROVED _____
APPROVED _____
DIRECTOR - BUREAU OF CONSULTING SERVICES _____

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

PROJECT NO. SL 113-2

MINE DRAINAGE POLLUTION ABATEMENT
QUICK STARTS A and B
SHAMOKIN CREEK WATERSHED

JOHN S. LUCKENS ASSOC.
P. O. Box 190 Shamokin, Penna.

PLANS

DRAWN BY	DATE	DRAWING NO.
CHECKED BY	SCALE As Shown	7 of 13

PLANS
SCALE - 1" = 50' - 0"

HORIZONTAL SCALE 1"=50'
2' CONTOUR INTERVAL

RIPRAP FROM STA. RT. 3+96.27 TO STA. P.C. 3+39.48 SEE SECTION 13 ON SHEET NO. 13 OF 13.

PI = 3+70.26
Δ = 54° 34'
D = 96'
R = 59.68'
T = 30.78'
L = 56.79'
E = 7.47'

PI = 5+77.09
Δ = 77°
D = 130° 15'
R = 44.00'
T = 35.00'
L = 59.13'
E = 12.22'

PI = 5+77.09
Δ = 76° 39' 20"
D = 130° 15'
R = 44.00'
T = 34.78'
L = 58.88'
E = 12.48'

RIPRAP FROM STA. RT. 2+65.57 TO STA. P.C. 1+71.66 SEE SECTION 13 SHEET NO. 13 OF 13.

PI = 2+22.36
Δ = 53° 31' 48"
D = 57'
R = 100.52'
T = 50.70'
L = 93.91'
E = 12.06'

T.B.M. 3" NAIL IN 14" OAK
20' LT. 0+20
ELEV. 1236.64