P.I. = 4' RT. 57+53.00
Δ = 33°00'
D = 20°00'
R = 287.94'
T = 84.86'
L = 165.00'
E = 12.30'

P.C. 57+26.09

RIPRAP FROM STA. P.C. 57+26.06 TO STA. P.T. 58+95.09 SEE SECTION II SHT. NO. 13 OF 13.

P.T. 58+91.09

CONST. ℄

T.BM. 9" SPIKE IN N-W CORNER OF SPILLWAY ELEV. 1304.52

P.I. 58+19.09
Δ = 25°47' L

SILT BASIN

P.I. 57+82.09
Δ = 7°34' L

OLD ROAD BED

POND

POND ELEV. 1311.7

P.I. 52+00.32
Δ = 19°37' L

STA. 50+00

T.BM. 9" SPIKE IN 20" OAK 6' RT. STA. 60+42 ELEV. 1288.92

P.I. = 61+56.00
Δ = 47°
D = 31°08'
R = 187.30'
T = 80.00'
L = 150.90'
E = 6.50'

RIPRAP FROM STA. P.C. 60+76.0 TO STA. P.T. 54' RT. 62+55 SEE SECTION II SHT. NO. 13 OF 13.

P.C. 60+76.00

STA. 67+00

P.T. 34' RT. 62+55.00

P.I. 1+67.64
Δ = 19°17' 10"

0+00 DITCH E
P.I. 62+05.77
Δ = 51°51' R

DITCH E SEE PG.

DITCH F SEE PG.

DIRT ACCESS ROAD

P.I. 67+51.04
Δ = 18°56' L

P.I. 71+12.35
Δ = 15°53' L

0+00 DITCH F
P.I. 72+98.82
Δ = 5°00' R

T.BM. PK NAIL DRIVEN VERTICALLY IN ROOT OF 26" OAK 3' RT. STA. 74+65 ELEV. 1254.06

P.I. 74+90.27
Δ = 5°00' L

RIPRAP FROM STA. P.C. 80+13.01 TO STA. P.T. 82+17.71 SEE SECTION 12 ON SHT. NO. 13 OF 13

P.I. = 81+15.36
Δ = 30°00'
D = 15°00'
R = 383°07'
T = 102.35'
L = 200.00'
E = 13.47'

P.C. 80+13.01

P.T. 82+17.71

STA. 82+00

CONST. ℄

P.I. 78+35.40
Δ = 2°00' R

PLANS
SCALE - 1" = 50'-0"

NO.	DATE	REVISION	APPR

SUBMITTED

PROFESSIONAL

APPROVED

CHIEF - DIVISION OF MINE DRAINAGE REHABILITATION

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	5 of 13