N

NOTE:
℄ IDICATES ESTABLISHED BASE LINE
℄ IDICATES NEW STREAM CHANNEL

EXTENDED CONC. FROM STA. P.C. 43+95.58 "A" TO P.T. 1+01.14 SEE SECTION 11, DWG 13.

℄ CURVE
P.I. = 22' RT 2+37
Δ = 36°30' RT.
D = 14°27'10"
R = 397.10'
T = 130.73'
L = 252.55'
E = 21.00'

P.I. = 1+54.14
Δ = 16°44'28" RT.
D = 18°00'
R = 318.31'
T = 46.83'
L = 93.05'
E = 3.42'

EXTENDED CONC. FROM STA 3+63 TO 1+12 SEE SECTION 11 ON DWG 13.

P.T. 2+00.36

P.T. 11' RT. 3+63.6

T.B.M. - SPIKE IN 16" MAPLE
8' RT. STA. 6+15
ELEV. 1062.18

P.I. 5+74.46
Δ = 10°36'52" RT.

P.I. 6+94.06
Δ = 2°30' RT.
P.T. 4' LT. 6+39

ADD 6' OF 60" REINF. CONC. PIPE TO END OF EXISTG

DETAIL-N SEE DWG 14

END OF PIPE 8+03

EXISTING 60 R.C.P. ENCLOSED IN STONE

P.C. 10+70

R.T. 11+00

VACATED RESERVOIR

1110

1100

1090

1070

1060

1050

1040

SEE DWG 12 SECTION-16

P.I. = 11+68.84
Δ = 28°22'
D = 36°12'10"
R = 158.50'
T = 40.00'
L = 78.17'
E = 4.92'

P.C. 11+28.84

P.T. 12+07.01

T.B.M. - 9" NAIL IN 16" OAK
5' RT. STA. 10+75
ELEV. 1094.22

P.T. 10+56.09

SEE DWG 14 DETAIL - R

DITCH "C"
END OF WORK
12+95.95

DITCH "A" SEE DWG. 4

P.C. 1+07.31

P.T. 1+12.14

P.C. 2+29.72

P.I. = 3+20.80
Δ = 21°36'10" RT.
D = 12°00'
R = 477.46'
T = 91.08'
L = 180.01'
E = 8.60'

cone. channel

P.T. 4+09.73

DETAIL-N SEE DWG. 14

P.C. 13+87.6+19
BEG. 60" R.C.P.

ADD 150'+60" REIN. CONC. PIPE

131°00'
157°00'
101.77'
23.21'
91.43'
71.46

℄ CURVE
P.I. = 8.16' RT. 6+54
Δ = 7°00' RT.
D = 9°13'17"
R = 622.43'
T = 38.00'
L = 75.91'
E = 1.16'

P.I. 8+63.53
Δ = 32°19'02"

P.C. 8+82.78

T.B.M. - 9" NAIL IN 12" OAK
10' RT. STA. 8+70
ELEV. 1085.75

P.I. = 9+72.28
Δ = 34°41'51" LT.
D = 20°00'
R = 286.48'
T = 89.50'
L = 173.30'
E = 13.65'

NOTE: GRADE TO ASSURE POSSITIVE DRAINAGE INTO CHANNELS

SECTION-5 DWG 12

DETAIL-K DWG 14

P.I. = 0+00 "C" 45+00.31 "A"
Δ = 21°01'35" RT.
D = 10°15'
R = 558.98'
T = 103.73'
L = 204.87'
E = 9.54'

P.C. 43+95.58 "A"

START DITCH "C"

SECTION-6 DWG 12

SECTION-7 DWG 12

PROFILES

STATION	DRAWING
43+95.58"A"-10+84.99"C"	9

PLAN OF DITCH "C"
SCALE - 1" = 50' - 0"

NO.	DATE	REVISION	APPR.

SUBMITTED
PROFESSIONAL

APPROVED Gilbert A. Ramini
CHIEF - DIVISION OF MINE RECLAMATION

APPROVED Don Perrego
DIRECTOR - BUREAU OF DESIGN

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

PROJECT NO. SL 113-2

MINE DRAINAGE POLLUTION ABATEMENT
QUICK STARTS E, F and G
SHAMOKIN CREEK WATERSHED

JOHN S. LUCKENS ASSOC.

P. O. Box 190 Shamokin, Penna.

PLAN OF DITCH C

DRAWN BY	DATE	DRAWING NO.
CHECKE BY	January 2, 1974	7 of 14
	SCALE 1" = 50'	