SPRINGS SUPPLY'G RESERVOIR

RESERVOIR

RIPRAP FROM STA. P.C. 12+84.61 "G" TO P.T. 13+74.89 "G" SEE SECTION 12, DWG 13

T.B.M. - 9" NAIL IN TWIN 16" OAKS
15' LT. STA. 13+30 "G"
ELEV. 1307.43

DITCH "E"
END OF WORK
14+51.19 "E"

DITCH "G"
END OF WORK
14+65.67 "G"

P.I. = 13+34.74
Δ = 62° 00' RT.
D = 68° 40'
R = 83.44'
T = 50.13'
L = 90.28'
E = 13.96'

P.I. = 13+34.84
Δ = 53° 00' LT.
D = 57° 00'
R = 100.52'
T = 50.11'
L = 92.98'
E = 11.79'

P.I. = 11+68.84
Δ = 8° 00' LT.
D = 4° 00'
R = 1432.39
T = 100.16'
L = 200.00'
E = 3.49'

P.I. = 10+50.30
Δ = 76° 39' 20"
D = 130° 15'
R = 44.00'
T = 34.78'
L = 58.88'
E = 12.48'

P.I. = 8+81.23
Δ = 70° 00' LT.
D = 50° 00'
R = 114.59'
T = 80.23'
L = 140.00'
E = 25.29'

P.I. = 21+88.36
Δ = 59° 00' RT.
D = 55° 00'
R = 104.17'
T = 58.93'
L = 107.27'
E = 15.46'

P.I. 19+43.84
Δ = 28° 10' LT.
D = 20° 00'
R = 286.48'
T = 71.87'
L = 140.80
E = 8.88'

P.I. = 14+94.84
Δ = 80° 00'
D = 48° 04' 40"
R = 119.20'
T = 100.00'
L = 166.40'
E = 36.4'

P.I. = 1+98.15
P.C. = 1+74.15
P.T. = 2+18.98
Δ = 51° 30'
D = 115° 09' 15"
R = 49.82'
T = 24.00'
L = 44.73'
E = 5.5'

P.I. 1+07.15
Δ = 8° 00' LT.

P.I. 26+88.17
Δ = 6° 30' RT.

P.I. 25+49.39
Δ = 4° 30' 50" LT.

P.I. = 29+11.67
P.C. = 3+02.38
P.T. = 3+31.43 - 29+26.67 "A"
Δ = 36° 30'
D = 125° 57' 35"
R = 47.00'
T = 15.00'
L = 29.05'
E = 2.4'

P.I. = 26+55.40
P.C. = 0+00 - 26+55.40 "A"
P.T. = 0+54.15
Δ = 41° 00'
D = 73° 52' 15"
R = 77.51'
T = 29.00'
L = 54.15'
E = 5.2'

STA. 25+00

STA. 29+60

SECTION - 8 DWG 12

SECTION - 9 DWG 12

SECTION - 1 DWG 12

SECTION - 2 DWG 12

SECTION - 4 DWG 12

DETAIL - P DWG 14

DETAIL - Q DWG 14

DETAIL - O DWG 14

DETAIL - F DWG 13

DETAIL - E DWG 13

DETAIL - I DWG 14

DETAIL - H DWG 14

DETAIL - G DWG 13

DETAIL - D DWG 13

DWG 12 SECTION - 4

DWG NO. 13 DETAIL - C

SECTION 3 DWG 12

HEADWALL SEE DWG 13 DETAIL - B

FILL EXIST'G PITS SEE STD SPEC

END OF DITCH P.T. 10+74.40 "F" DITCH "F"

STO. SHED OVERFLOW

RIPRAP FROM P.C. 10+15.52 "F" TO P.T. 10+74.40 SEE DWG NO. 13, SECTION 13.

36" BIT. CORRUGATED 32'-0" LONG PIPE

36" BIT. COATED CORRUGATED 32'-0" LONG PIPE

T.B.M. - R.R. SPIKE IN TWIN 15" MAPLES
40' RT. STA. 7+43
ELEV. 1265.00

BEGINNING OF WORK DITCH "E" STA. 7+00 "E"

T.B.M. TOP BOLT ON CENTER BRIDGE RAILING
ELEV. 960.40

INSTALL 8" CONC. BOT. AT EXIST'G R.R. CROSS'G

R.R. PENN-CENTRAL

NO EXCAVATION SHALL BE PERFORMED BELOW BRIDGE FTG.

WATER LINE SEE STANDARD SPEC. 4.13 PARA C

IRON PIPE

LOT 33 DONALD MADISON NO RELEASE OBTAINED

LOT # 31 ALEX & JEAN GONNI NO RELEASE OBTAINED

ADD 30' OF 85" x 54" BIT. COATED CORRUGATED METAL PIPE

DIRT ROAD

ROW OF GARAGES

GAR

T.B.M. 9" NAIL IN 10" CHERRY
23' RT. STA. 20+16
ELEV. 956.80'

S.W. COR. LOT 22

BLOCK 16 NO RELEASE OBTAINED

N.W. COR. LOT 18

T.B.M. 28' RT. STA. 26+73
MONEL RIVET IN CONC. HEADWALL
ELEV. 976.96'

EXIST'G 7'-0" M.P. ARCH PIPE 5.0' HIGH - 7.0 WIDE

BEARING - R.R.

PROPERTIES WHERE NO RELEASE HAS BEEN OBTAINED ARE RESTRICTED AREAS

NOTE: GRADE TO ASSURE POSITIVE DRAINAGE INTO CHANNELS

EXTENDED CONCRETE FROM STA. P.T. 15+98.84 "A" TO STA. 13+88.44 SHALL BE SECTION NO. 11 DWG 13.

SHAMOKIN CREEK

BEGINNING OF WORK DITCH "A" P.C. 14+28.44

LEGEND FOR PLAN DRAWINGS

	SHADED AREA INDICATES STREAM CHANNEL, REFER SECTION FOR CONST.
	LONG DASH INDICATES EXTENT OF WORK AREA FOR GRADING & SEEDING.
	BASE LINE, NOT IN ALL CASES WILL B.L. BE ON ℄ OF CHANNEL.
	INDICATES SECTION, DWG. NO. & SECTION NO. ARE SHOWN.
	INDICATES DETAIL, REFERS TO ENLARGED PLANS.

PROFILES

STATION	DRAWING
14+28.44 A" - 25+00 "A"	8
5+65.12 E" - 14+51.19 "E"	11
8+01 "F" - 10+50.30 "F"	11
12+84.61 G" - 14+65.67 "G"	11

PLANS OF DITCH "A", "E", "F" & "G"
SCALE - 1" = 50' - 0"

NO.	DATE	REVISION	APPR

SUBMITTED _____ PROFESSIONAL

APPROVED Albert A. Ramsey CHIEF - DIVISION OF MINE RECLAMATION

APPROVED _____ 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.

PLANS OF DITCH A, E, F & G

DRAWN BY	DATE	DRAWING NO.
CHECKED BY	January 2, 1974	3 of 14
	SCALE 1" = 50'	