

CONSTR. DATA
 P.I. STA. 5+36.51
 Δ 22° 18' RT.
 D 159' 00" ARC
 T 75.29'
 L 148.67'
 R 381.97'
 E 7.35'
 P.C. STA. 4+61.22
 P.T. STA. 6+09.89

SURVEY DATA
 P.I. STA. 5+58
 Δ 21° 52' 00" RT.

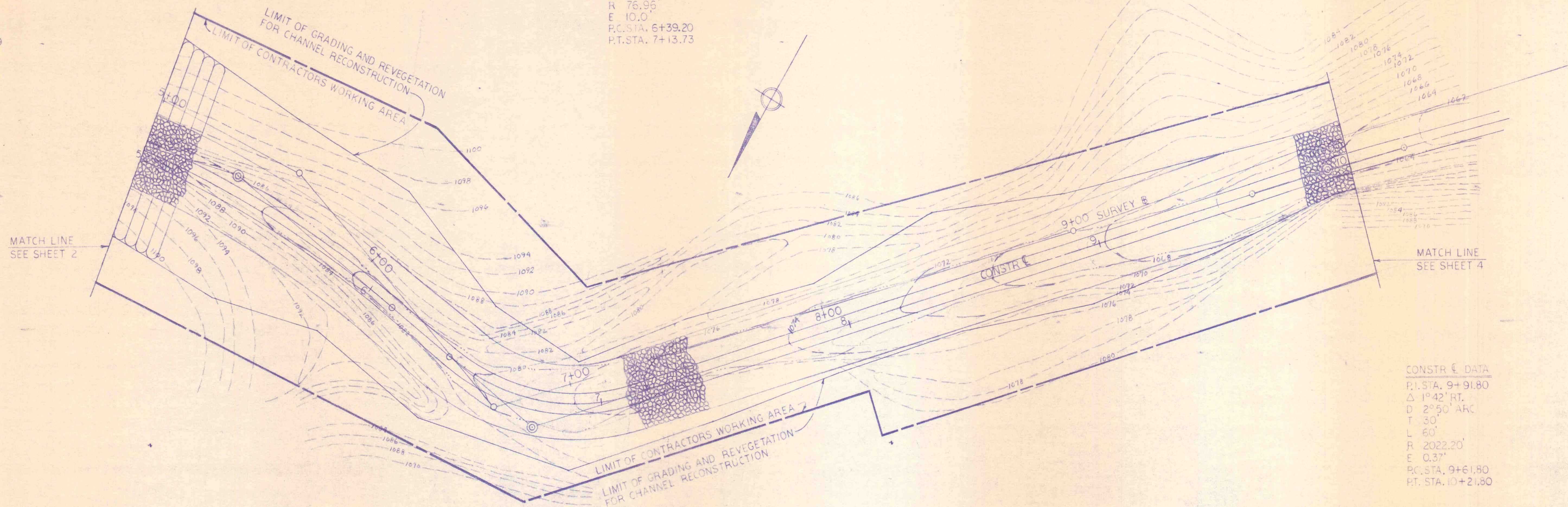
SURVEY DATA
 P.I. STA. 6+70
 Δ 63° 43' 20" LT.

CONSTR. DATA
 P.I. STA. 6+79.68
 Δ 55° 30' LT.
 D 74° 27' ARC.
 T 40.48'
 L 74.53'
 R 76.95'
 E 10.0'
 P.C. STA. 6+39.20
 P.T. STA. 7+13.73

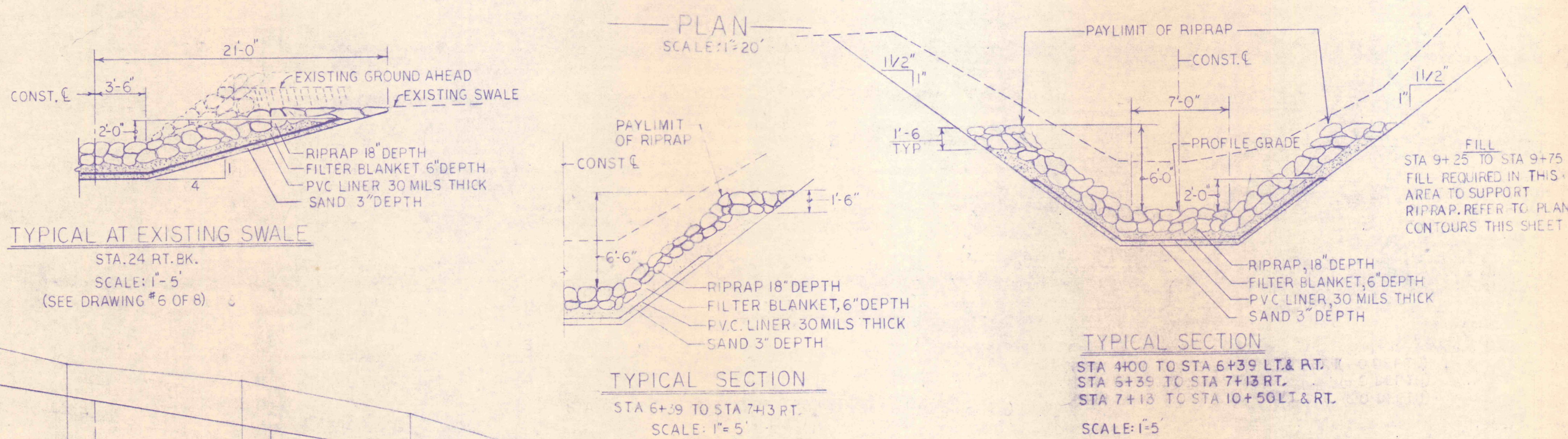
SURVEY DATA
 P.I. STA. 9+00
 Δ 2° 36' 40" LT.

SURVEY DATA
 P.I. STA. 10+00
 Δ 1° 40' 00" RT.

B.M. EL. 1081.49
 CUT IN ROCK
 STA. 7+60 - 16' RT. SURV. E



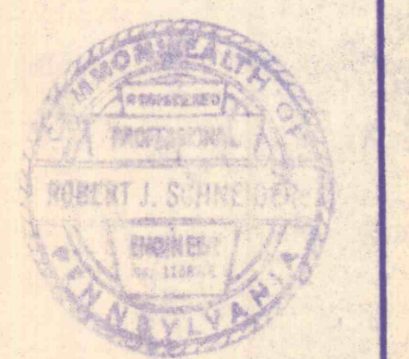
CONSTR. DATA
 P.I. STA. 9+91.80
 Δ 1° 42' RT.
 D 2° 50' ARC
 T 30'
 L 60'
 R 2022.20'
 E 0.37'
 P.C. STA. 9+61.80
 P.T. STA. 10+21.80



FILL
 STA 9+25 TO STA 9+75
 FILL REQUIRED IN THIS AREA TO SUPPORT RIPRAP. REFER TO PLAN CONTOURS THIS SHEET

NO	DATE	REVISION	APPR.

SUBMITTED: *Robert J. Schaefer*
 PROFESSIONAL
 APPROVED: _____
 CHIEF - DIVISION OF MINE RECLAMATION
 APPROVED: _____
 DIRECTOR - BUREAU OF DESIGN



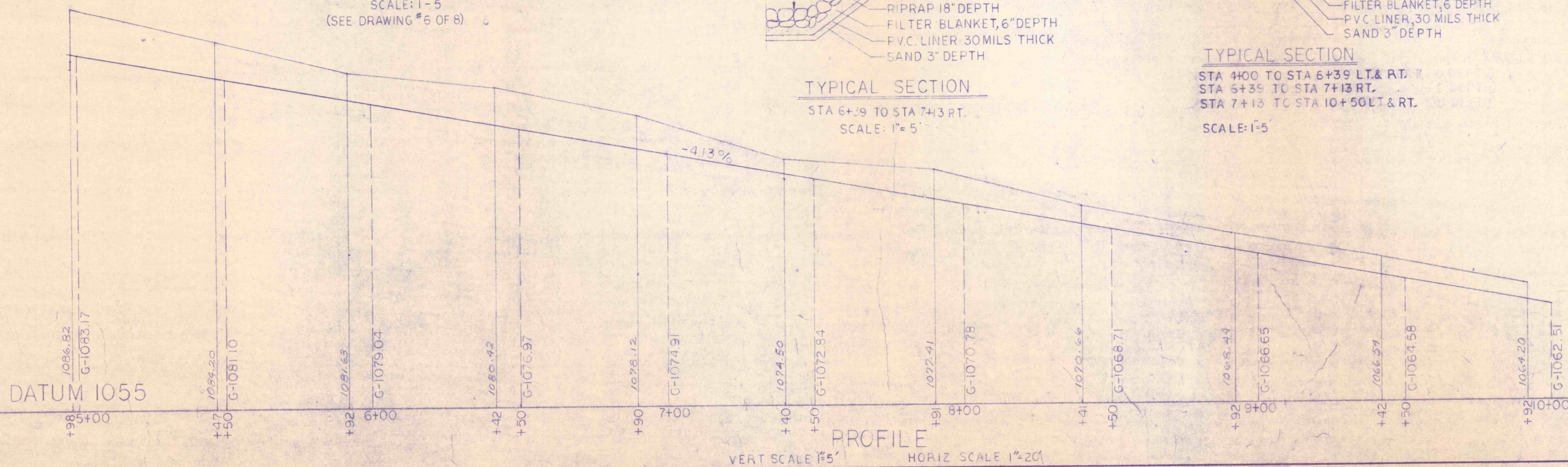
COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL RESOURCES
 OFFICE OF RESOURCES MANAGEMENT

CONTRACT NO SL 139-1-1

**MINE DRAINAGE POLLUTION ABATEMENT
 LAUREL RUN
 LACKAWANNA RIVER WATERSHED
 LACKAWANNA COUNTY, PENNSYLVANIA**

ALBERT E. PETERS ASSOCIATES
 Engineers-Designers-Consultants

301 North Main Avenue Scranton, Penna. 18504



PLAN, PROFILE & TYPICAL SECTIONS

DRAWN BY: REN	DATE:	DRAWING NO:
CHECKED BY: RJS	SCALE: AS NOTED	3 OF 6