B.M. EL. 1106.54 ☐ CUT IN ROCK LEDGE STA. 2+10 - 7' RT

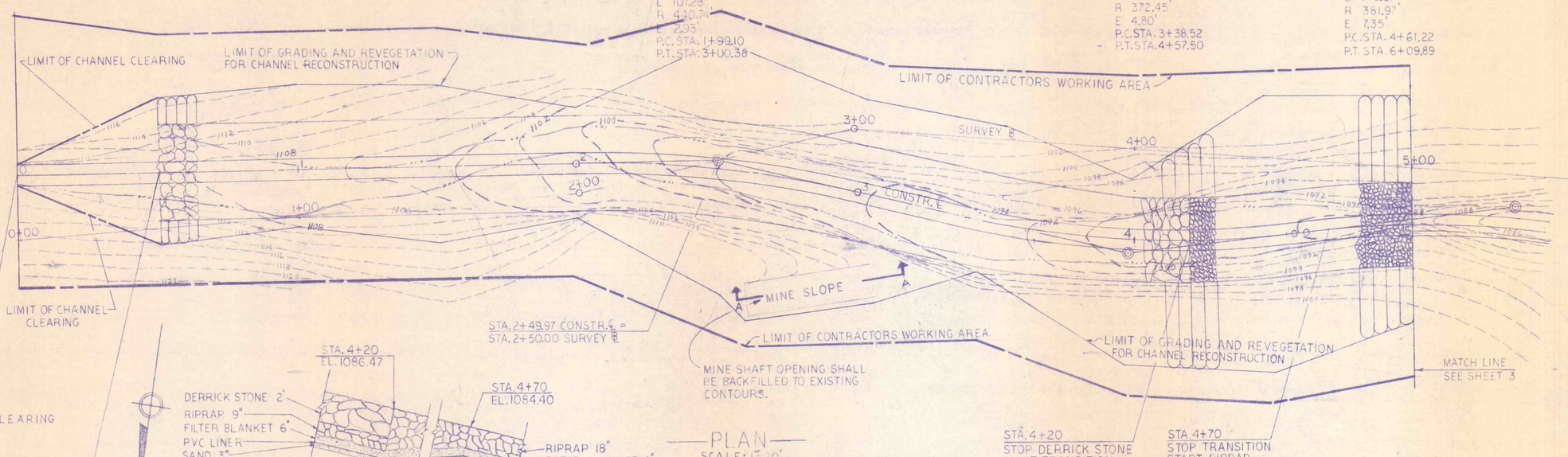
SURVEY ℄ DATA
P.I. STA. 2+00
Δ - 7°46'10" LT.

CONSTR ℄ DATA
P.I. STA. 2+49.97
Δ 13°10' RT.
D 13°00' ARC
T 50.87'
L 101.28'
R 440.74'
E 2.93'
P.C. STA. 1+99.10
P.T. STA. 3+00.38

SURVEY ℄ DATA
P.I. STA. 3+00
Δ - 16°29'30" RT.

CONSTR ℄ DATA
P.I. STA. 3+98.51
Δ 18°18' LT
D 15°23' ARC
T 59.99'
L 118.96'
R 372.45'
E 4.80'
P.C. STA. 3+38.52
P.T. STA. 4+57.50

CONSTR ℄ DATA
P.I. STA 5+36.51
Δ 22°18' RT.
D 15°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



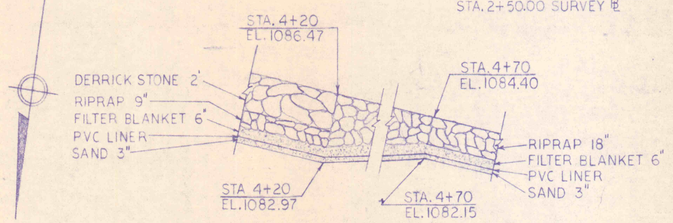
PLAN
SCALE: 1" = 20'

STA. 0+00
START CHANNEL CLEARING

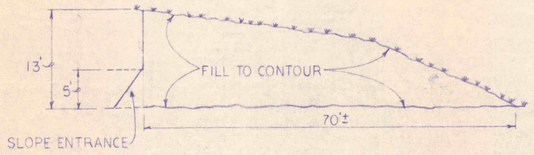
STA. 0+50
STOP CHANNEL CLEARING
START DERRICK STONE

STA. 4+20
STOP DERRICK STONE
START TRANSITION

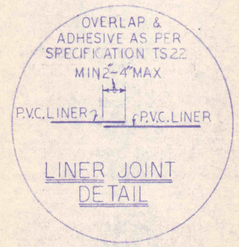
STA. 4+70
STOP TRANSITION
START RIPRAP



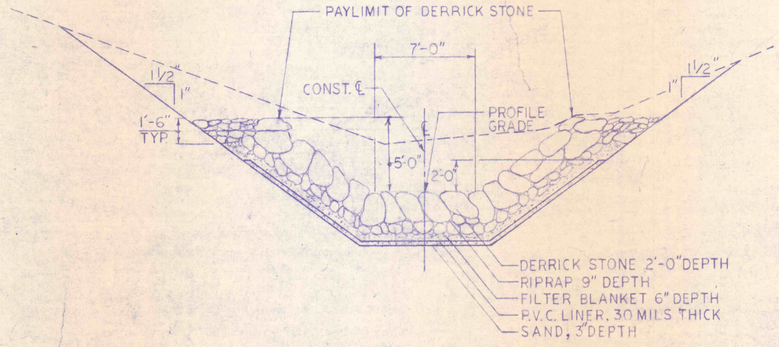
TRANSITION SECTION
SCALE: 1" = 4'



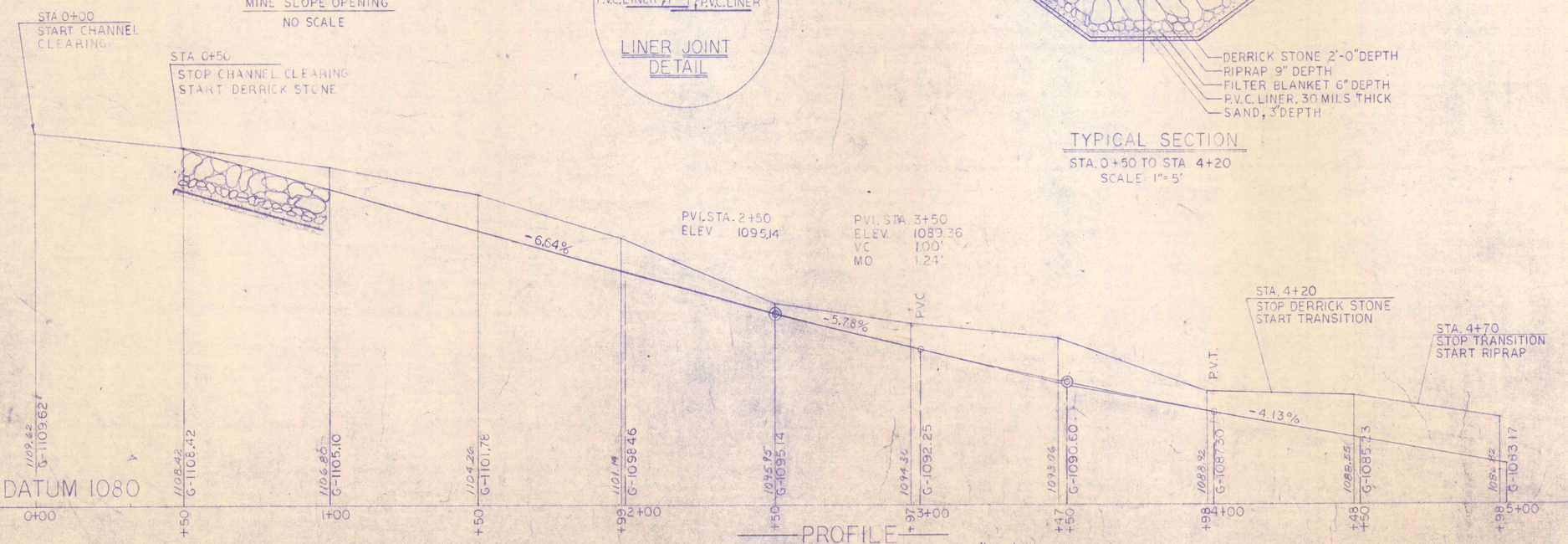
SECTION "A-A"
MINE SLOPE OPENING
NO SCALE



LINER JOINT DETAIL



TYPICAL SECTION
STA. 0+50 TO STA. 4+20
SCALE: 1" = 5'



PROFILE
VERT SCALE 1" = 5'
HORIZ SCALE 1" = 20'

NO.	DATE	REVISION	APPR.

SUBMITTED
Robert J. Schneider
PROFESSIONAL

APPROVED
CHIEF - DIVISION OF MINE RECLAMATION

APPROVED
DIRECTOR - BUREAU OF DESIGN

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
ROBERT J. SCHNEIDER
ENGINEER
PENNSYLVANIA

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	DATE	DRAWING NO.
R.E.N.		2 OF 6
CHECKED BY	SCALE	
R.J.S.	AS NOTED	