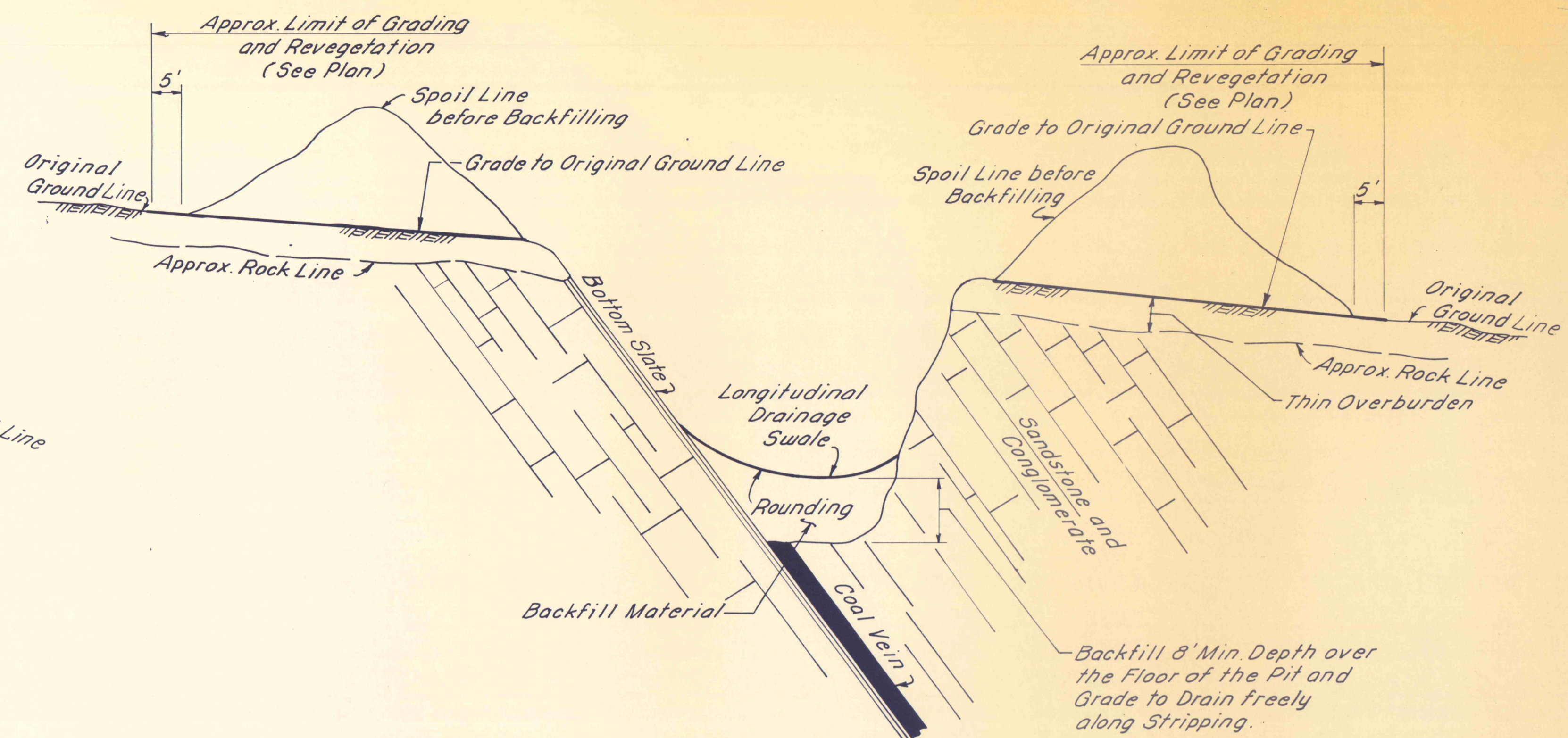
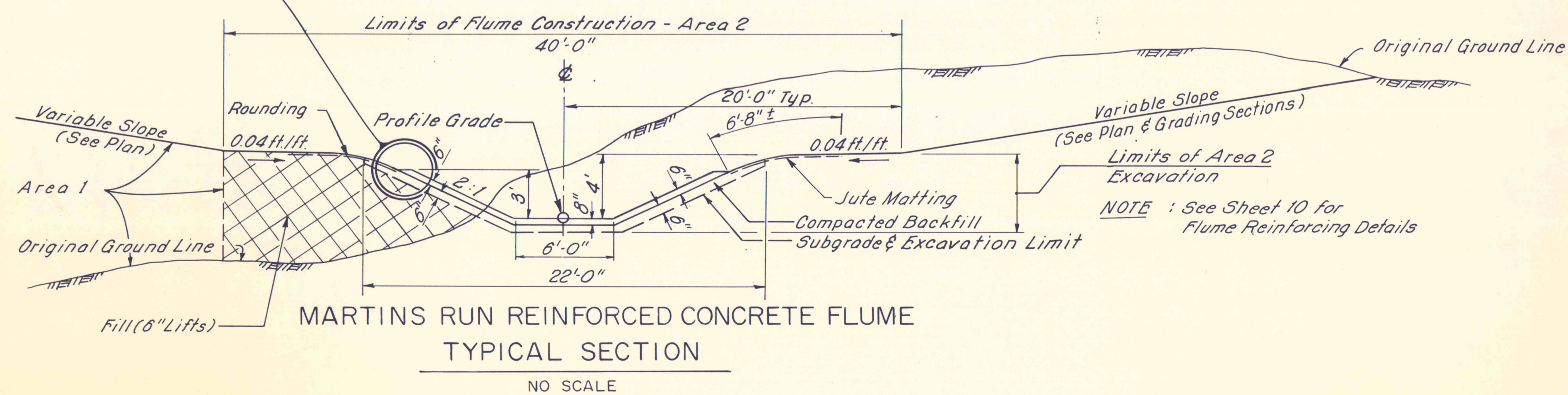
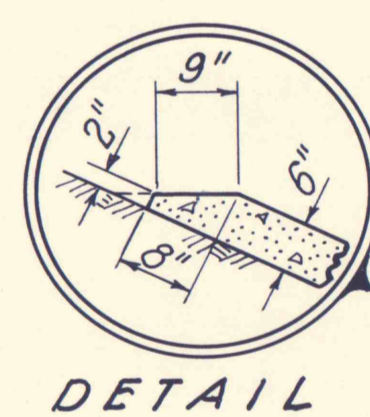


TYPICAL DETAIL FOR STANDARD TERRACING
NO SCALE



TYPICAL DETAIL FOR MODIFIED TERRACING
NO SCALE



MARTINS RUN REINFORCED CONCRETE FLUME
TYPICAL SECTION
NO SCALE

NO.	DATE	REVISION	APPR.
11-5-75	AS BUILT		

SUBMITTED
PROFESSIONAL
Norman E. Mutchler

APPROVED
CHIEF - DIVISION OF MINE RECLAMATION
Robert A. Ramon

APPROVED
DIRECTOR - BUREAU OF DESIGN
D. P. ...



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

PROJECT NO. SL 126-2-9

MINE DRAINAGE
POLLUTION ABATEMENT
MARTINS RUN
SWATARA CREEK WATERSHED
SCHUYLKILL COUNTY

BERGER ASSOCIATES, INC.
Consulting Engineers

P.O. Box 1943 Harrisburg, Penna.

TYPICAL GRADING DETAILS

DRAWN BY JS	DATE JULY 8, 1974	DRAWING NO.
CHECKED BY MW	SCALE AS SHOWN	70F11