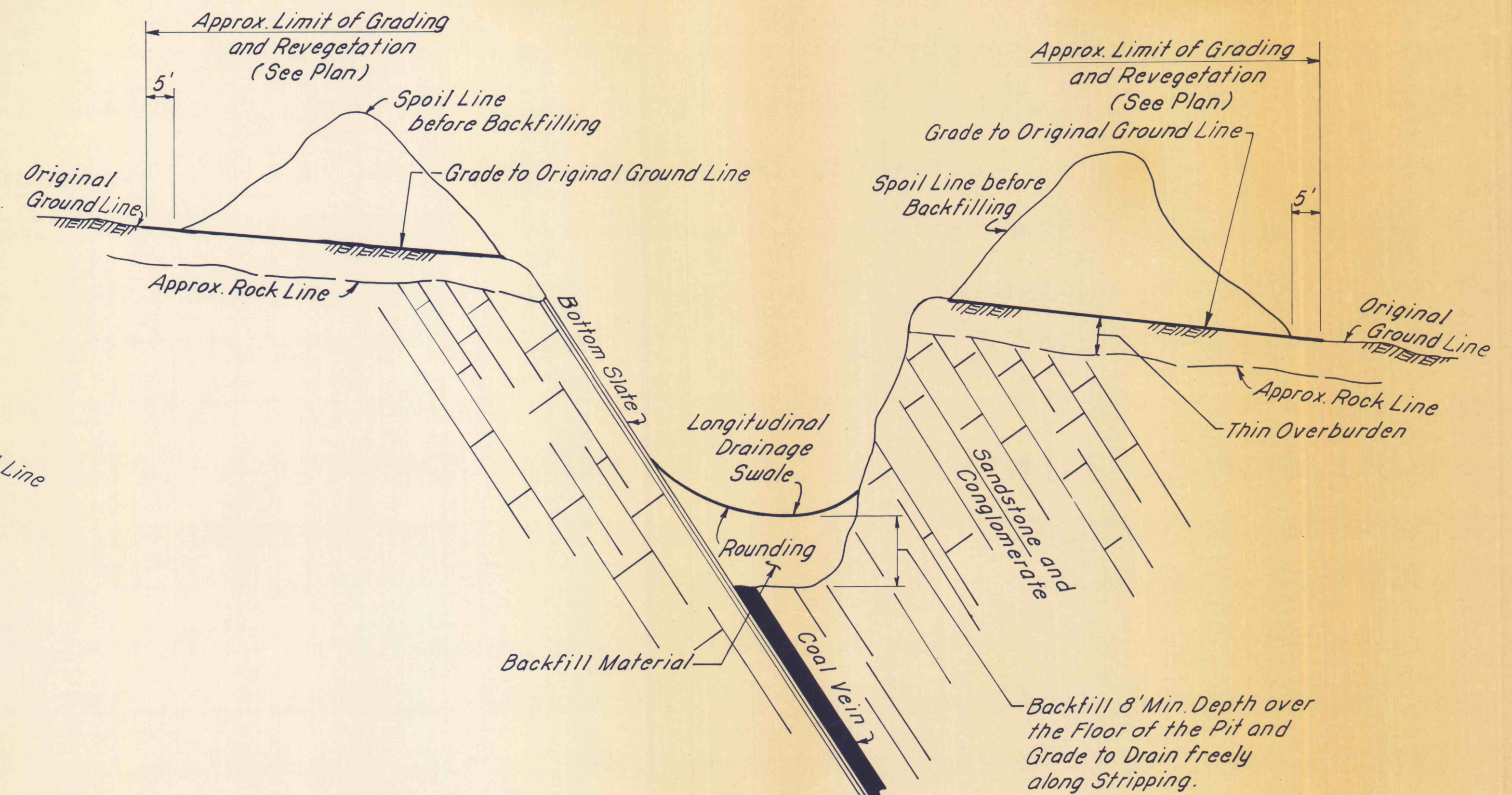
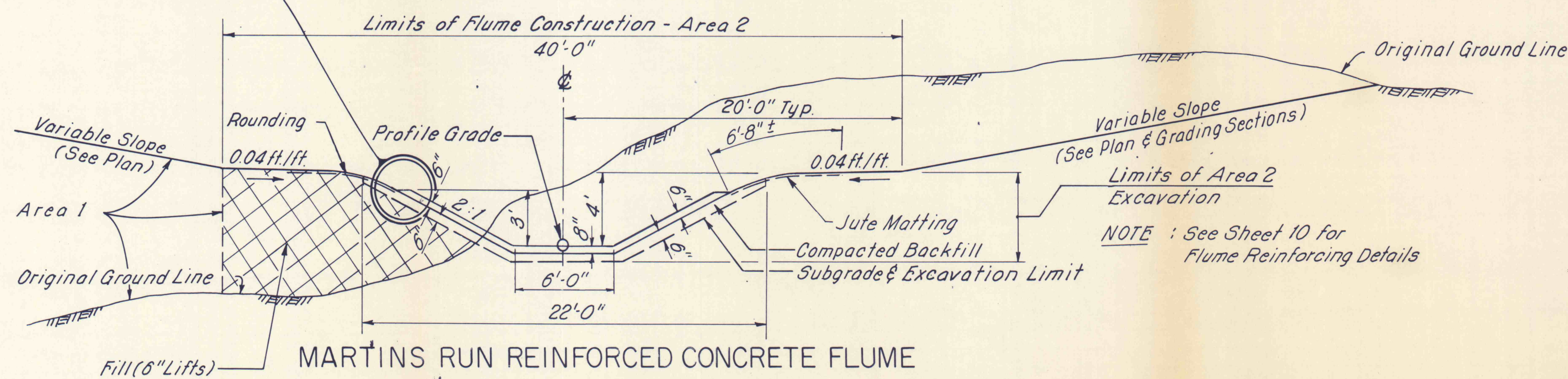
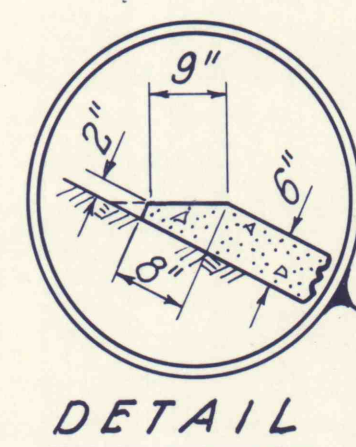


TYPICAL DETAIL FOR STANDARD TERRACING
NO SCALE



TYPICAL DETAIL FOR MODIFIED TERRACING
NO SCALE



MARTINS RUN REINFORCED CONCRETE FLUME
TYPICAL SECTION
NO SCALE

NO.	DATE	REVISION	APPR.
SUBMITTED <i>Norman E. Mutchler</i>			
APPROVED <i>Robert C. Raman</i> CHIEF - DIVISION OF MINE RECLAMATION			
APPROVED <i>D. J. Raman</i> DIRECTOR - BUREAU OF DESIGN			
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. 70F11	
CHECKED BY MW	SCALE AS SHOWN		