

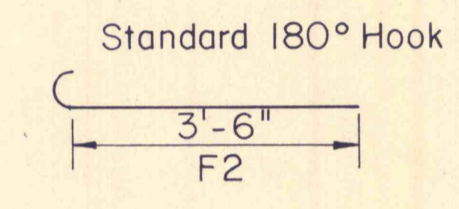
TYPICAL WING WALL SECTION

TYPICAL HEAD WALL SECTION

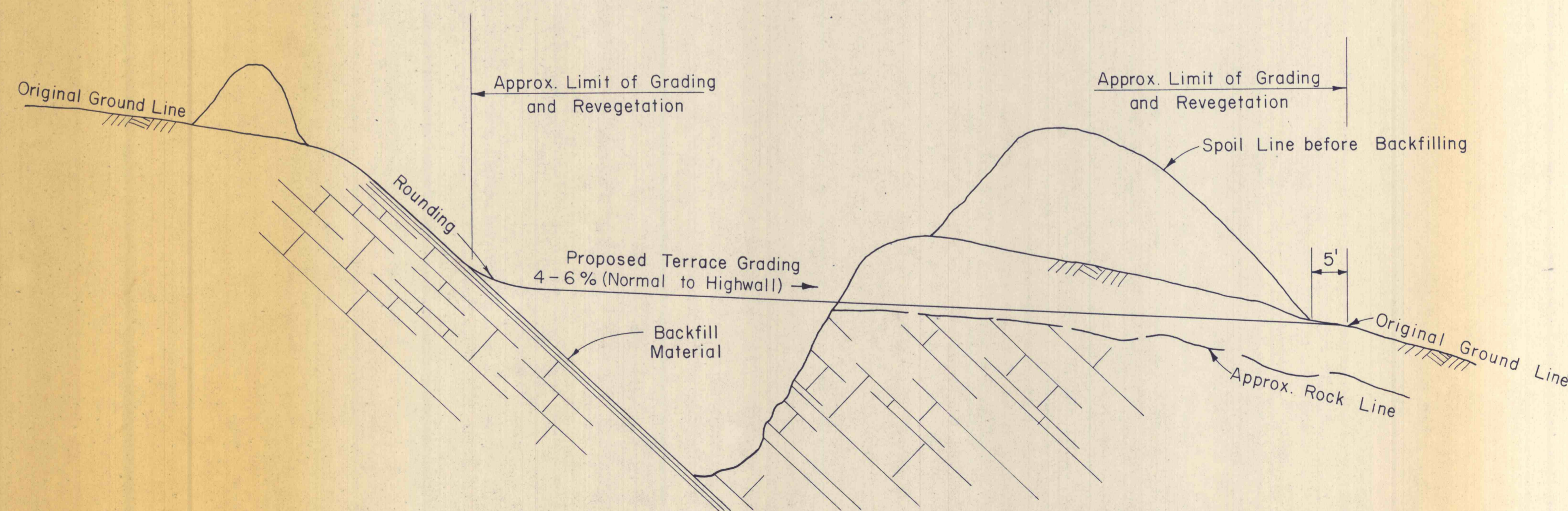
TYPICAL WALL EXCAVATION LIMITS

BAR SCHEDULE

SIZE	TYPE	NUMBER	LENGTH
F1	4 Straight	11	3'-0"
F2	4 Bent	8	4'-1"
F3	4 Straight	4	4'-6"
F4	4 Straight	4	3'-6"
F5	4 Straight	3	5'-10"



HEADWALL FOR 42" CULVERT
NOT TO SCALE



TYPICAL DETAIL FOR STANDARD TERRACING METHOD

NO	DATE	REVISION	APPR
SUBMITTED			
Richard B. Ulp PROFESSIONAL			
APPROVED			
Albert A. Panini CHIEF - DIVISION OF MINE RECLAMATION			
APPROVED			
D. R. Renshaw DIRECTOR - BUREAU OF DESIGN			
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES OFFICE OF RESOURCES MANAGEMENT PROJECT NO. SL 113-5-1 MINE DRAINAGE POLLUTION ABATEMENT COAL RUN SHAMOKIN CREEK WATERSHED NORTHUMBERLAND COUNTY, PA. ERDMAN, ANTHONY, ASSOCIATES Consulting Engineers Camp Hill, Pa. Rochester, N.Y. HEADWALL DETAILS AND TERRACING DETAIL			
DRAWN BY	DATE	DRAWING NO.	
GMS	5-9-75	22 of 28	
CHECKED BY	SCALE		
DHC	AS SHOWN		