

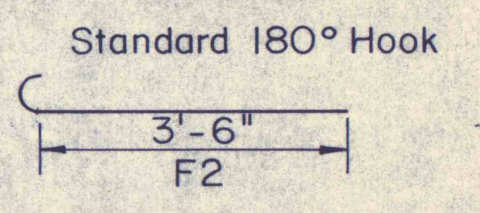
TYPICAL WING WALL SECTION

TYPICAL HEAD WALL SECTION

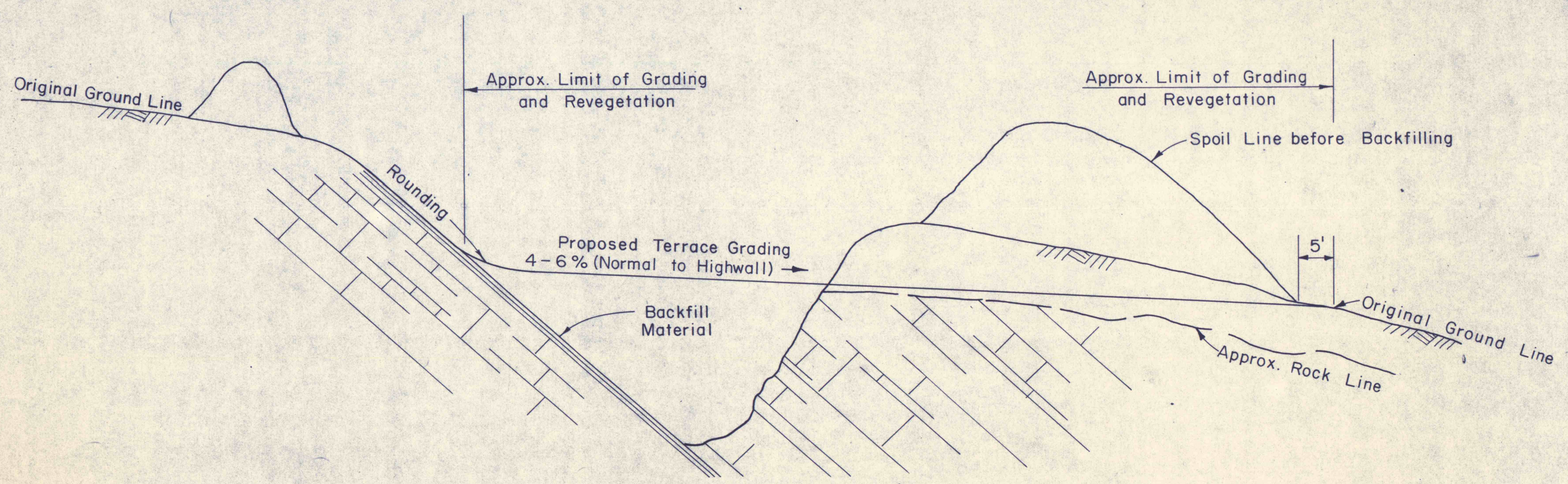
TYPICAL WALL EXCAVATION LIMITS

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			
APPROVED			
APPROVED			

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	
CHECKED BY	SCALE	
DHC	AS SHOWN	

22 of 28