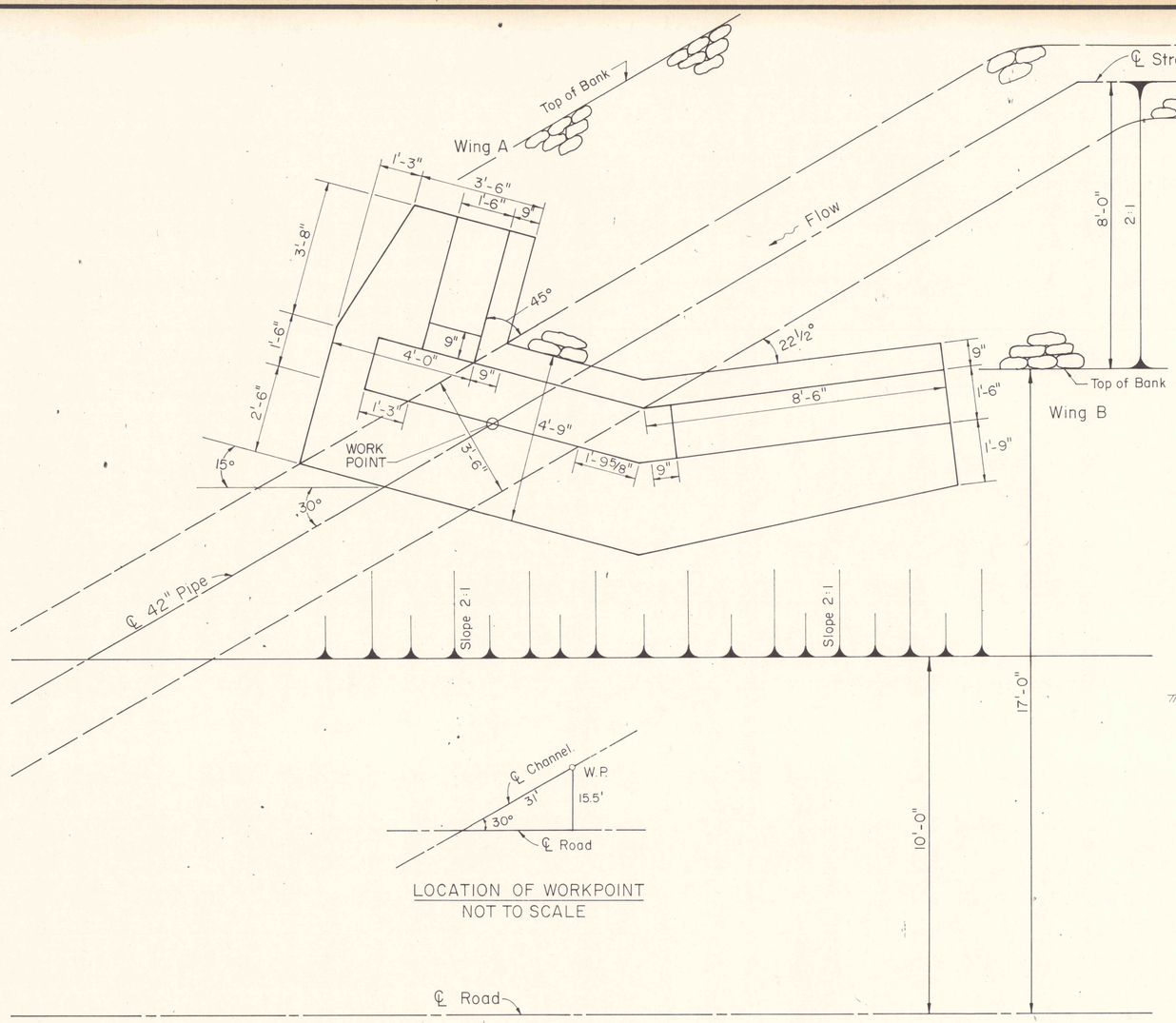
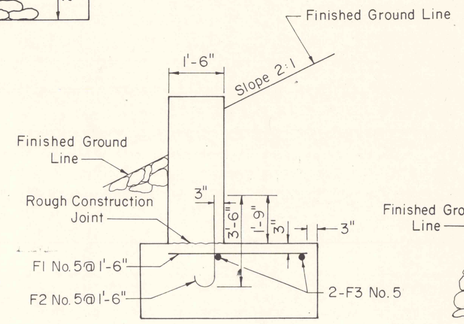


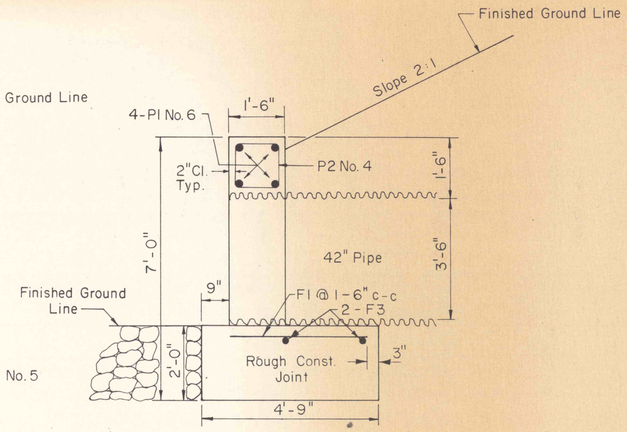
LOCATION OF WORKPOINT
NOT TO SCALE

HEADWALL FOR 42" CULVERT

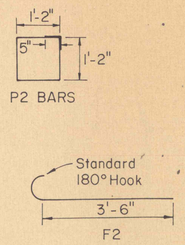
SCALE : 1/2" = 1'



TYPICAL WING WALL SECTION

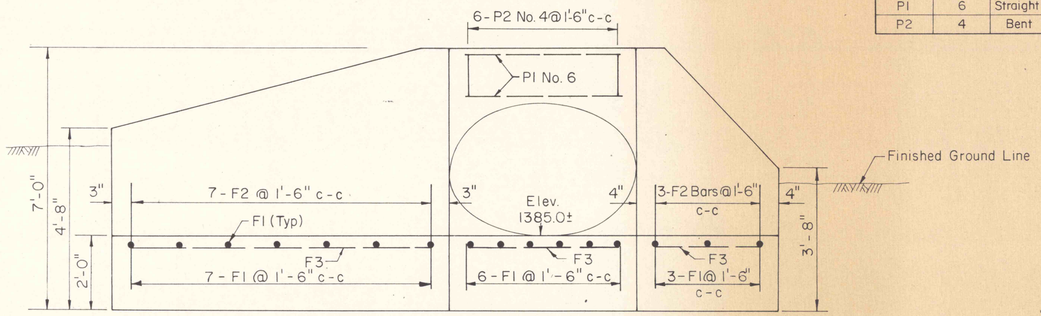


TYPICAL HEAD WALL SECTION

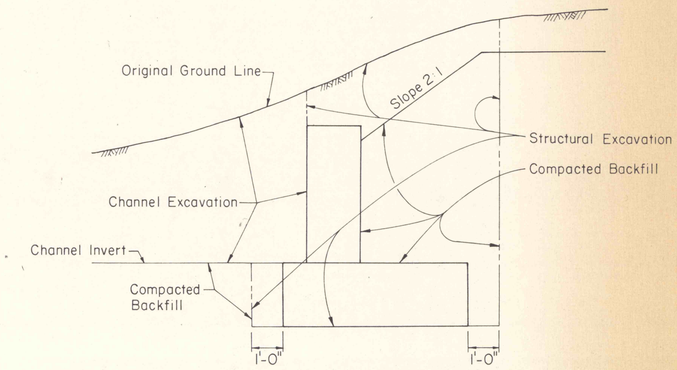


BAR SCHEDULE

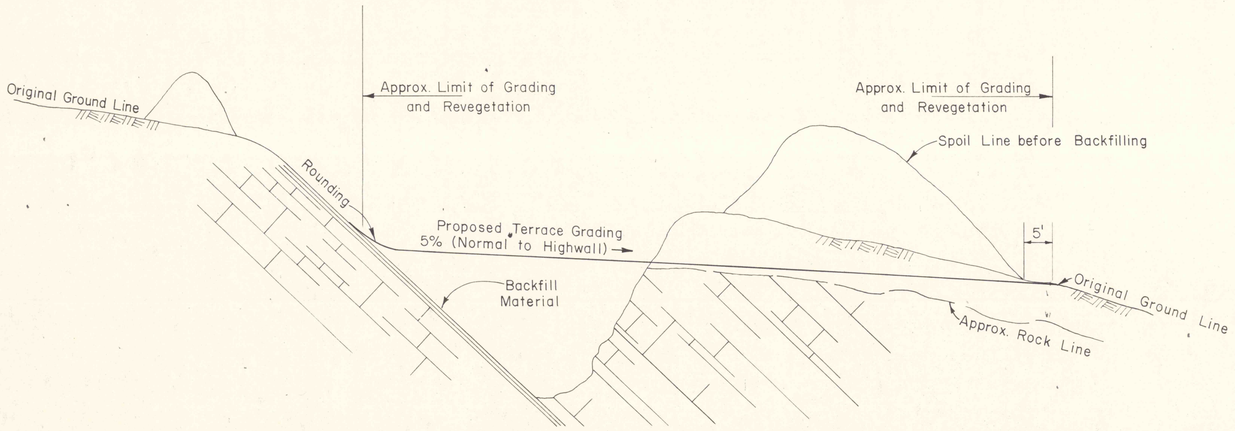
	SIZE	TYPE	NUMBER	LENGTH
F1	5	Straight	16	3'-9"
F2	5	Bent	10	4'-1"
F3	5	Straight	6	7'-0"
P1	6	Straight	4	8'-6"
P2	4	Bent	6	5'-6"



DEVELOPED ELEVATION



TYPICAL WALL EXCAVATION LIMITS



TYPICAL DETAIL FOR STANDARD TERRACING METHOD

NO	DATE	REVISION	APPR

SUBMITTED
PROFESSIONAL
APPROVED
CHIEF - DIVISION OF MINE RECLAMATION
APPROVED
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		22 of 26
CHECKED BY DHC	SCALE AS SHOWN	

BRUNING 44-142 25788