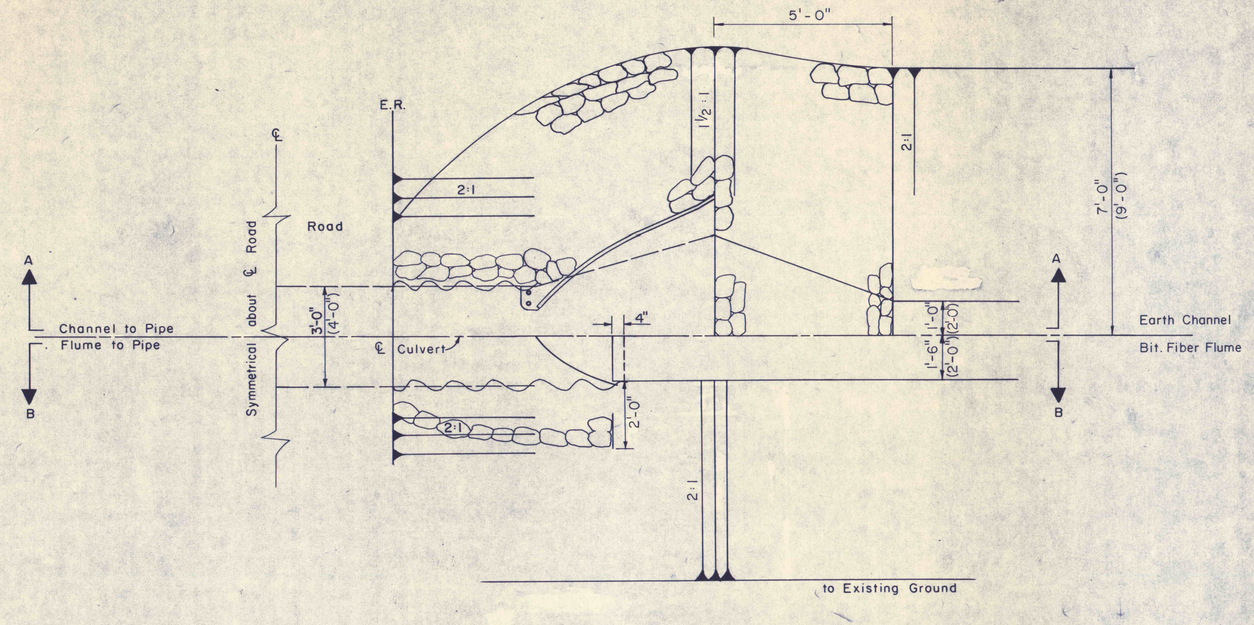
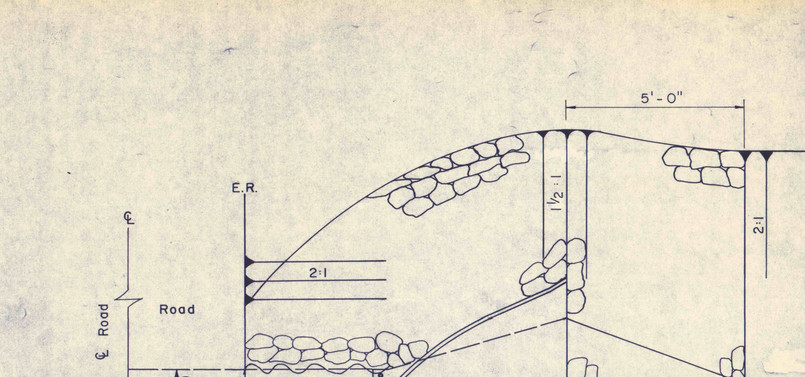
Revision No. 1 for Addendum No. 1



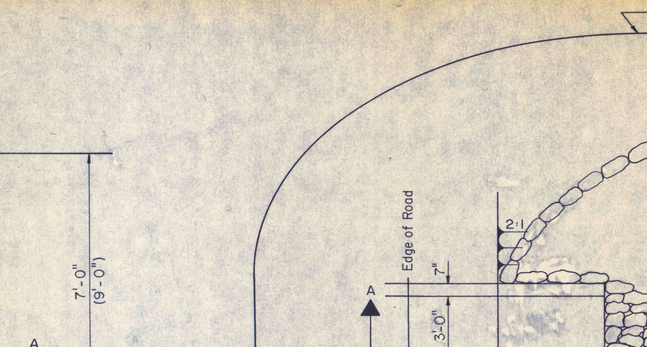
PLAN

SCALE : ½" = 1'
3' PIPE SHOWN - 2' CHANNEL SHOWN
4' PIPE IN ( ) - 4' CHANNEL IN ( )

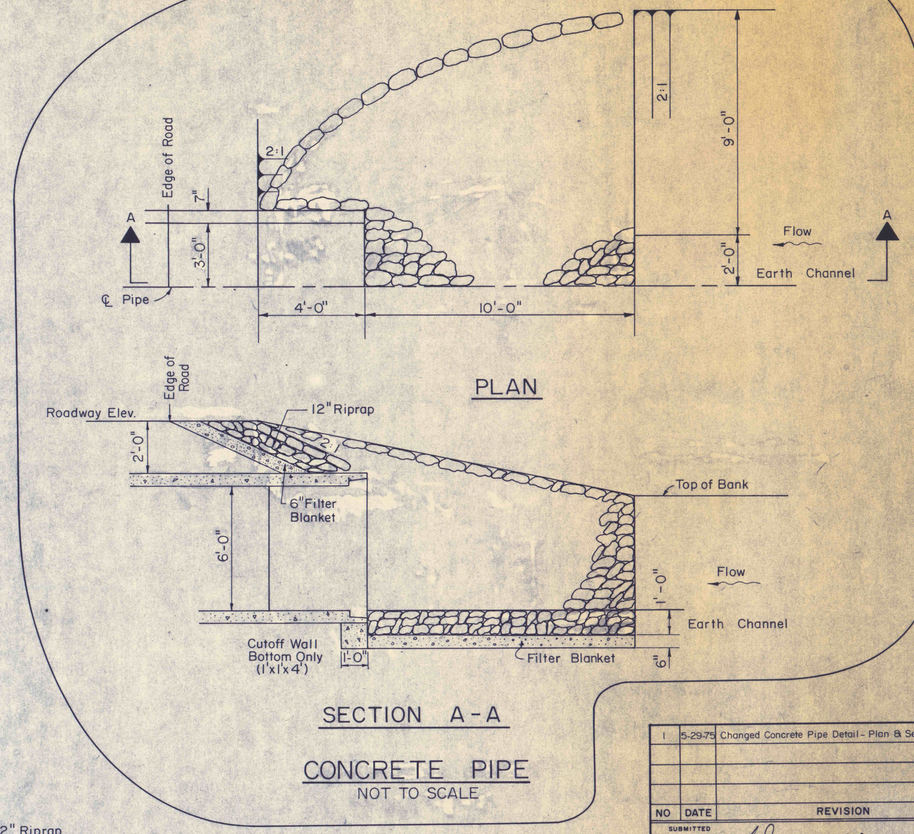


SECTION A-A

2' CHANNEL SHOWN
4' CHANNEL IN ( )



SECTION B-B



PLAN

SECTION A-A

CONCRETE PIPE
NOT TO SCALE

B.C.C.G.M.P. & BITUMINIZED FIBER FLUME

CULVERT RIPRAP ENTRANCE AND OUTLET DETAILS

NO	DATE	REVISION	APPR.
1	5-29-75	Changed Concrete Pipe Detail - Plan & Section	HC

SUBMITTED Richard B. Ulp
PROFESSIONAL

APPROVED Albert A. Ramin
CHIEF - DIVISION OF MINE RECLAMATION

APPROVED Arthur Burgo
DIRECTOR - BUREAU OF DESIGN

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
RICHARD B. ULP
ENGINEER
No. 14997-E
PENNSYLVANIA

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.

RIPRAP ENTRANCE AND OUTLET DETAILS

DRAWN BY	DATE	DRAWING NO.
JM	5-9-75	26 of 28
CHECKED BY	SCALE	
DHC	AS SHOWN	

BRUNING 44-142 25788