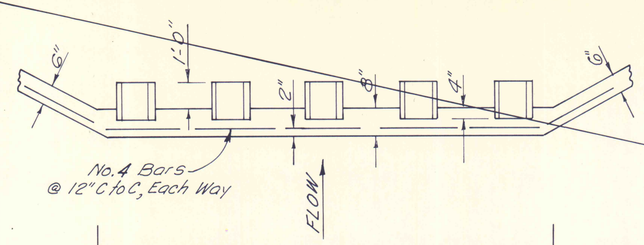
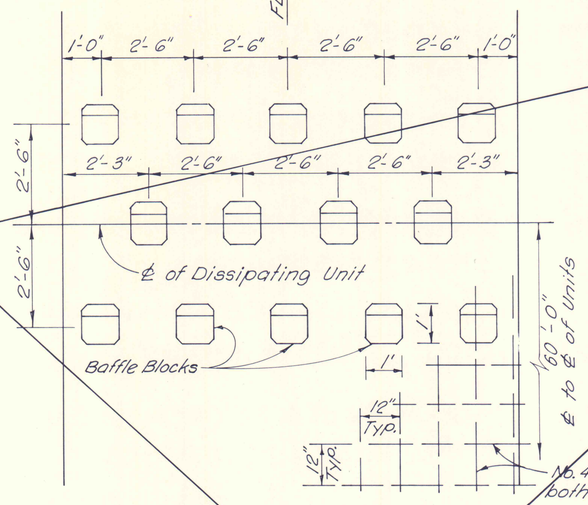
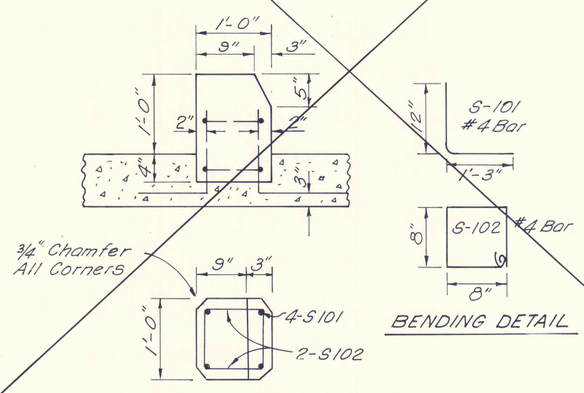


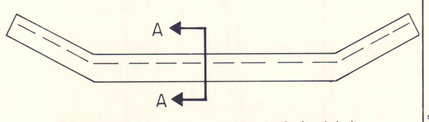


DETAIL OF ENERGY DISSIPATING UNIT
Scale : 1" = 2'



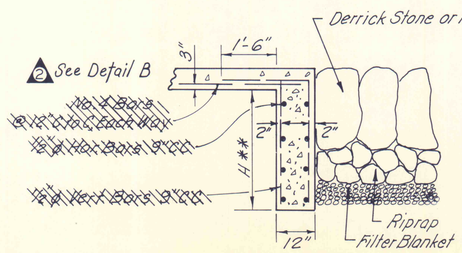
BENDING DETAIL

DETAIL BAFFLE BLOCK FOR
ENERGY DISSIPATING UNIT
No Scale



END VIEW OF CUTOFF WALL
No Scale

② DETAIL B
Revision to Flume Reinforcement
2 Layers 6×6-2/2 welded
Steel Fabric
1'-0" Overlap
6"
2"
2"
2"

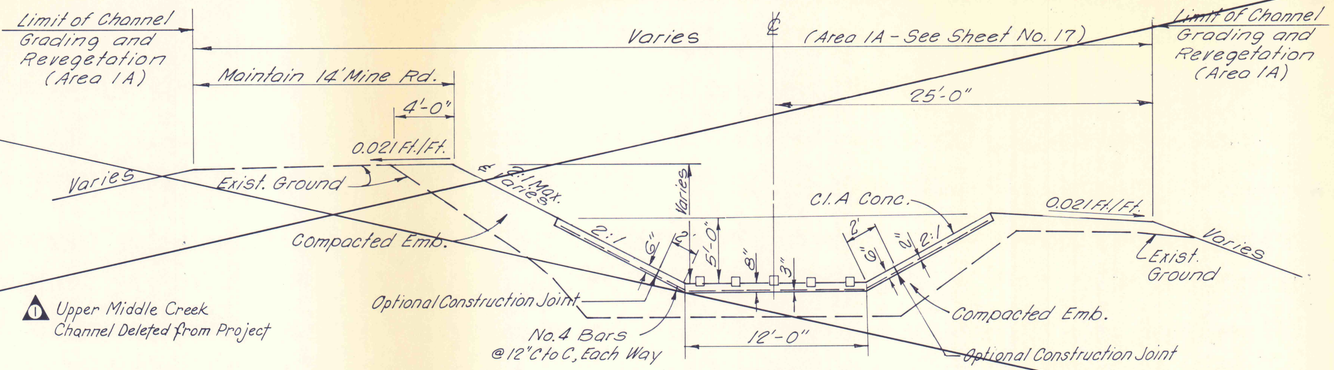


NOTE:
Cutoff wall to be provided at upstream and downstream ends of Upper Middle Creek and Middle Creek Channel Linings.

* Derrick Stone shall be provided at the Downstream End of Channel Linings Only.

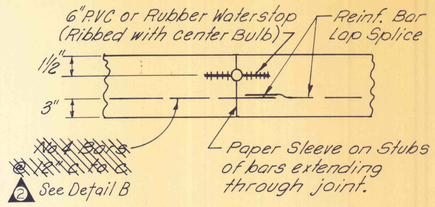
** H=2'0" Upstream Cutoff Wall.
H = 3'0" Downstream Cutoff Wall.

SECTION A-A

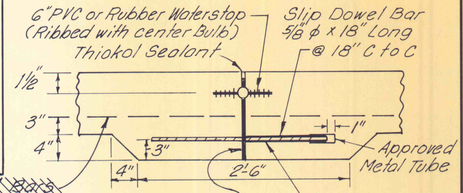


① Upper Middle Creek
Channel Deleted from Project

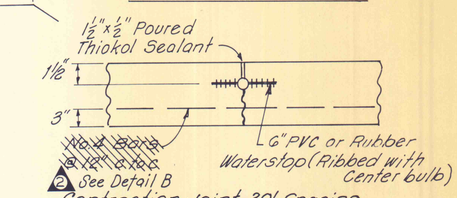
TYPICAL SECTION
UPPER MIDDLE CREEK CHANNEL LINING
Scale: 1" = 5'



Construction Joint - as required

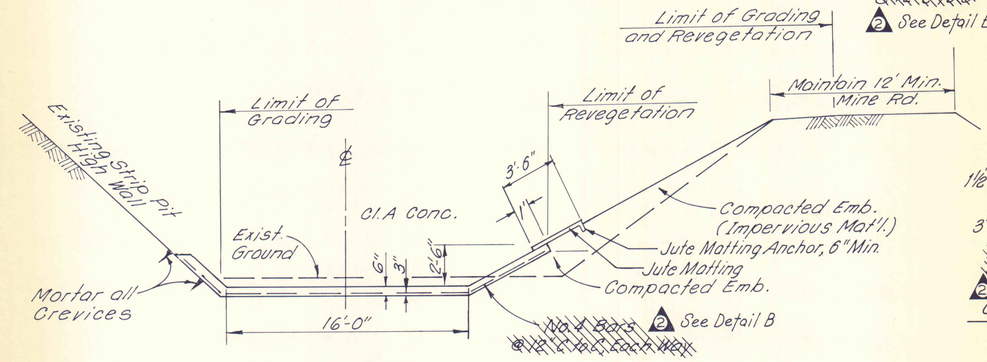


Expansion Joint
90' Spacing

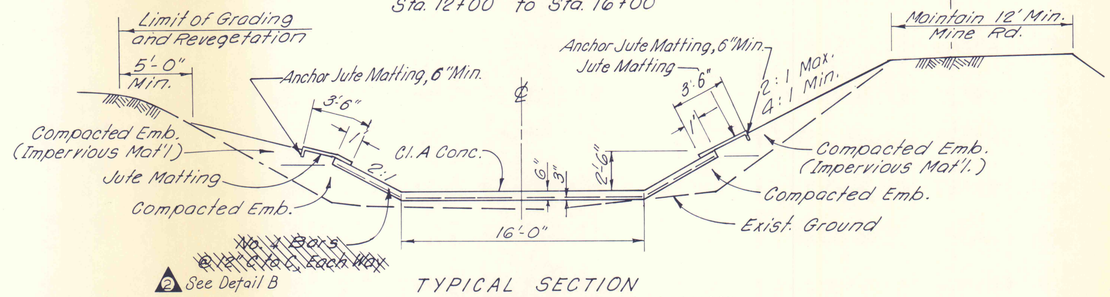


Contraction Joint - 30' Spacing

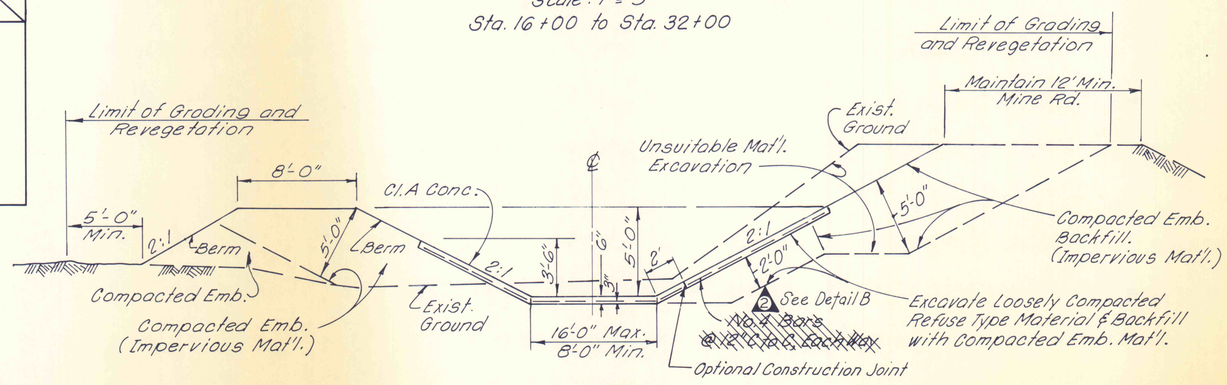
JOINT DETAILS
No Scale



TYPICAL SECTION
MIDDLE CREEK CHANNEL LINING
Scale: 1" = 5'
Sta. 12+00 to Sta. 16+00



TYPICAL SECTION
MIDDLE CREEK CHANNEL LINING
Scale: 1" = 5'
Sta. 16+00 to Sta. 32+00



TYPICAL SECTION
MIDDLE CREEK CHANNEL LINING
Scale: 1" = 5'
Sta. 32+00 to Sta. 35+50

NO	DATE	REVISION	APPR.
①	1-13-77	AS BUILT	
②	1-13-77	AS BUILT	

SUBMITTED
Norman E. Mutchler
PROFESSIONAL

APPROVED
Albert A. Pavinsi
CHIEF - DIVISION OF MINE DRAINAGE REHABILITATION

APPROVED
D. W. Perego
DIRECTOR - BUREAU OF CONSULTING SERVICES

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
NORMAN E. MUTCHLER
ENGINEER
No. 35534-E

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF ENGINEERING AND CONSTRUCTION

PROJECT NO. SL-126-2-7

MINE DRAINAGE
POLLUTION ABATEMENT
SWATARA CREEK WATERSHED
SCHUYLKILL COUNTY

BERGER ASSOCIATES, INC.
Consulting Engineers
P.O. Box 1943 Harrisburg, Penna.

TYPICAL SECTIONS UPPER MIDDLE CREEK AND MIDDLE CREEK

DRAWN BY	DATE	DRAWING NO.
J. S.	APR. 17, 1973	40 of 43
CHECKED BY	SCALE	
M. W.	AS SHOWN	