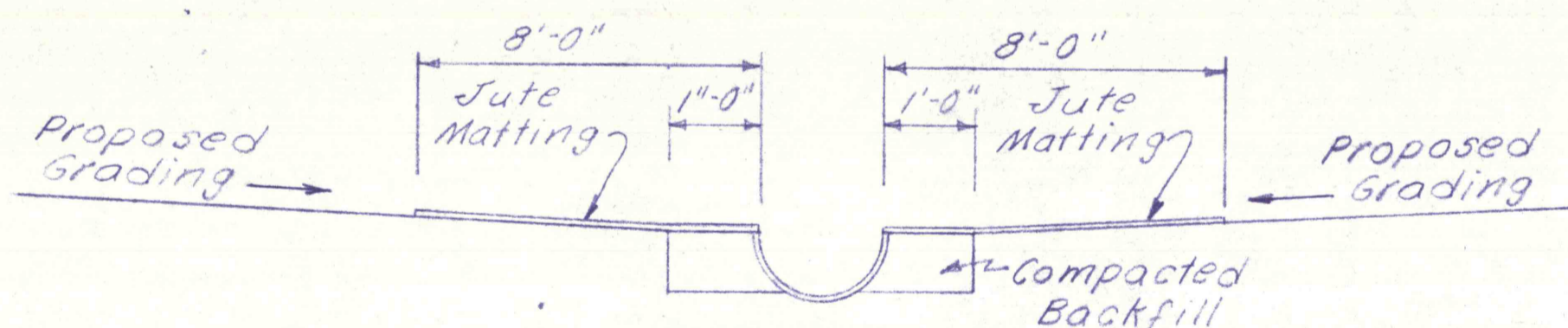
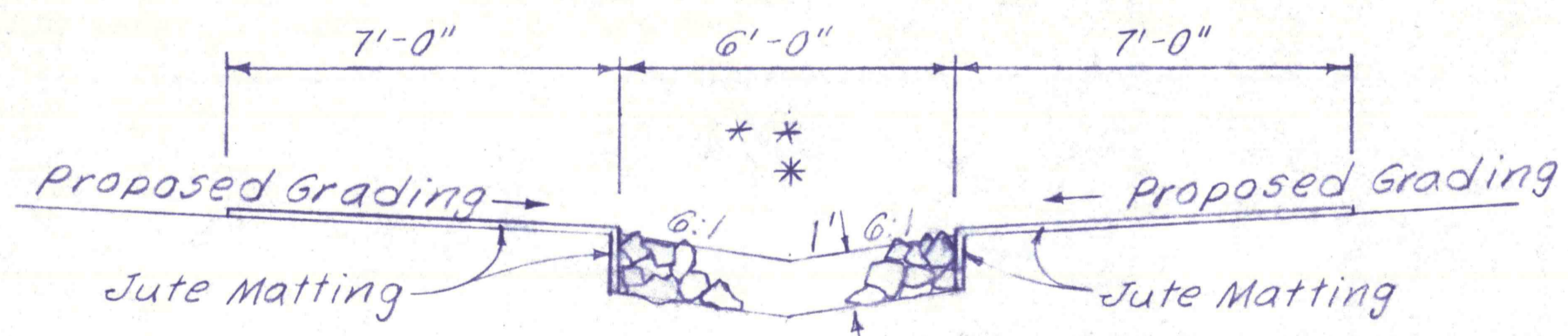


DETAIL OF ENERGY DISSIPATING UNIT  
Scale: 1"=2'



SWALE DETAIL  
Half Section Bituminized Fiber Pipe where shown on Plans  
See Installation Detail on sheet 40  
No Scale

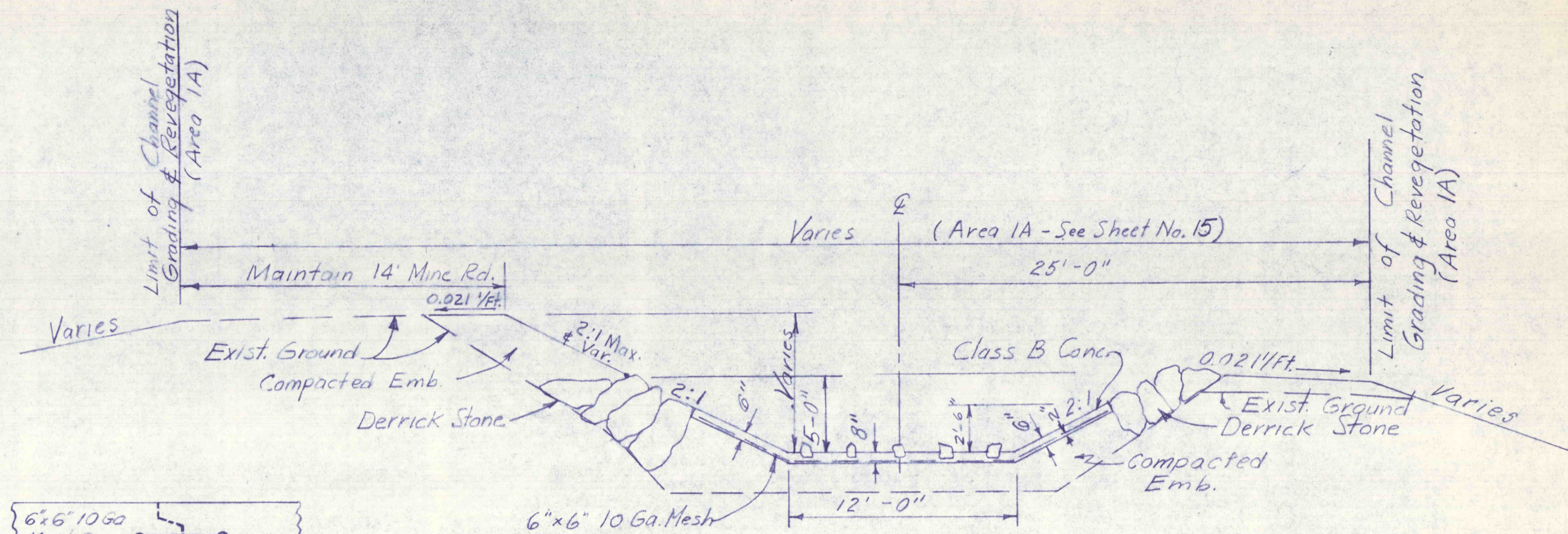


SWALE DETAIL

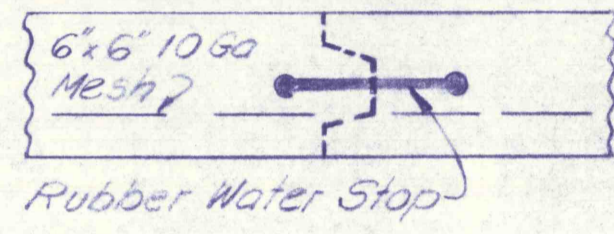
\* Riprap where shown on Plans

\*\* Place 8 ft. width Jute Matting  
of Swale Invert and along entire  
Length when Riprap is not specified.

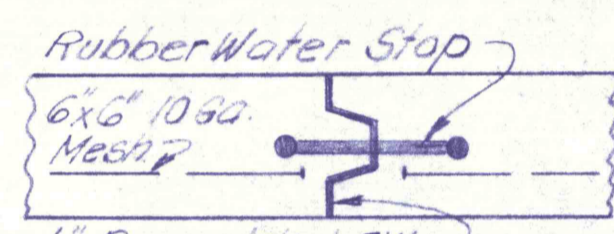
No Scale



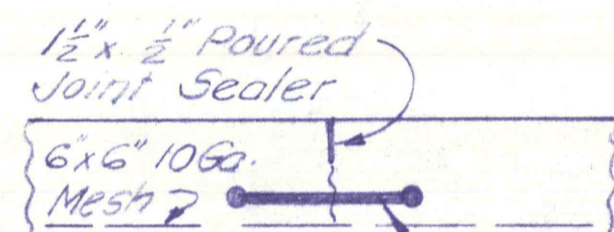
TYPICAL SECTION  
UPPER MIDDLE CREEK CHANNEL LINING  
Scale: 1"=5'



Rubber Water Stop  
Construction Joint  
as required

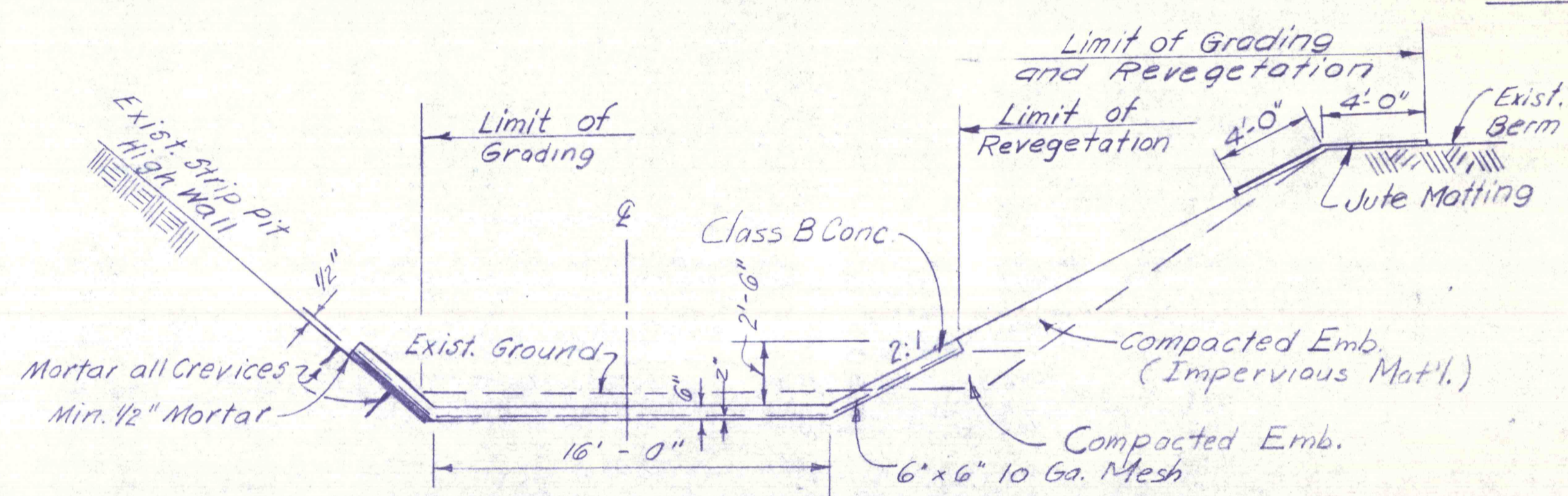


Expansion Joint  
40' Spacing



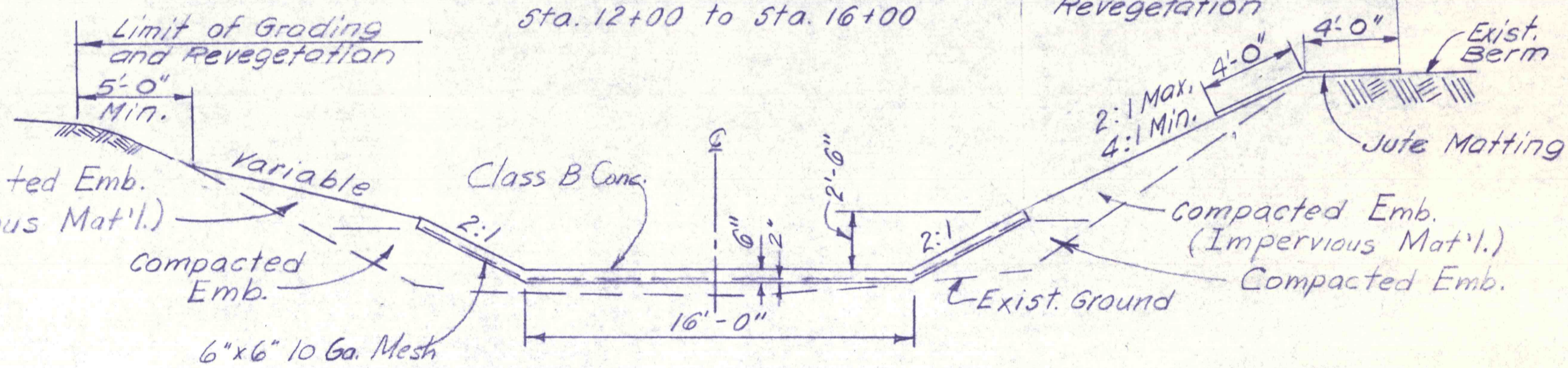
Contraction Joint  
40' Spacing

JOINT DETAILS  
No Scale



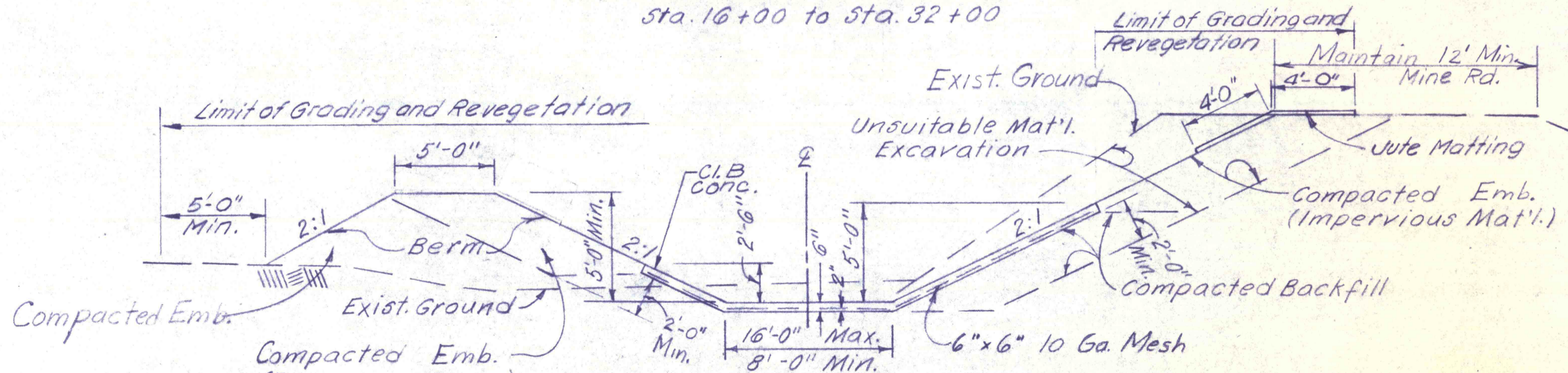
TYPICAL SECTION  
MIDDLE CREEK CHANNEL LINING  
Scale: 1"=5'

Sta. 12+00 to Sta. 16+00



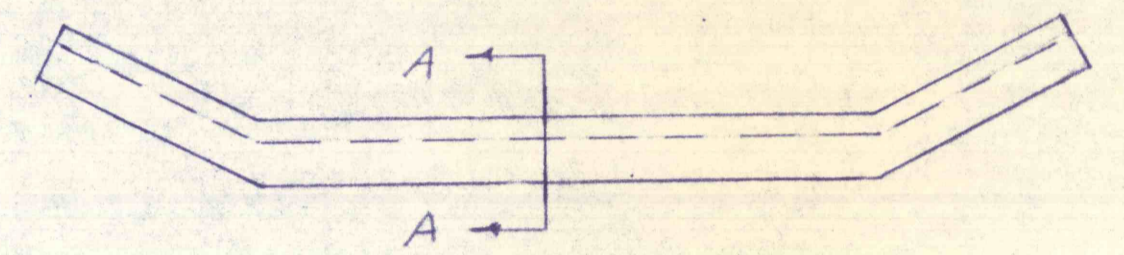
TYPICAL SECTION  
MIDDLE CREEK CHANNEL LINING  
Scale: 1"=5'

Sta. 16+00 to Sta. 32+00

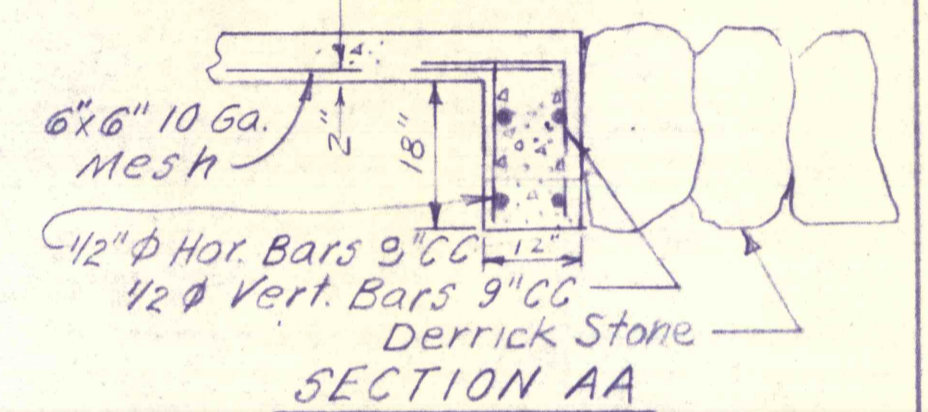


TYPICAL SECTION  
MIDDLE CREEK CHANNEL LINING  
Scale: 1"=5'

Sta. 32+00 to Sta. 35+50



END VIEW OF CUTOFF WALL  
No Scale



SECTION AA

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

NO.	DATE	REVISION	APPR.


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 & MIDDLE CREEK

DRAWN BY M.G.	DATE Mar. 19, 1973	DRAWING NO.
CHECKED BY M.W.	SCALE As Shown	38 of 40