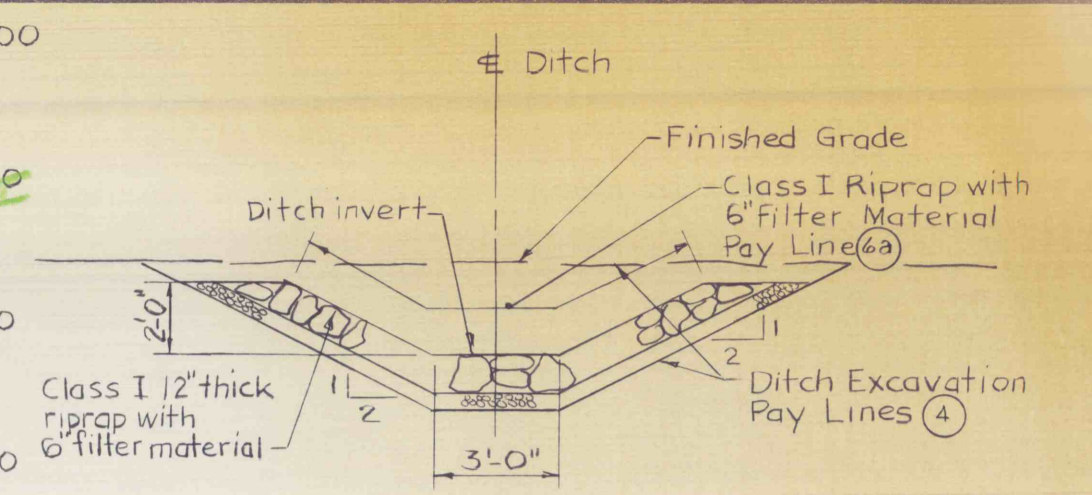
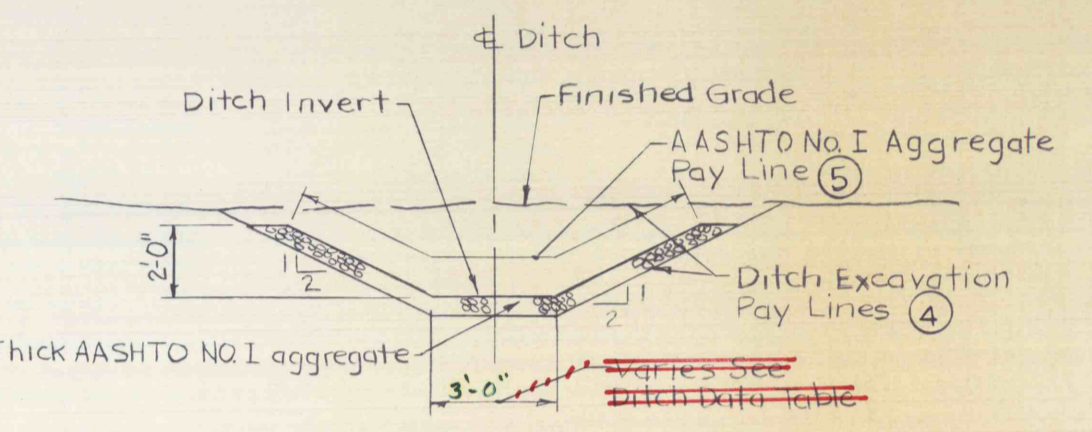


Beginning Station	End Station	Ditch Bottom Width	Ditch Lining
0+00A	1+10A	3'-0"	Class I Riprap
1+10A	2+85A	3'-0"	AASHTO No. 1 Aggregate
2+85A	4+20A	3'-0"	Class I Riprap
4+20A	6+25A	3'-0"	AASHTO No. 1 Aggregate
6+25A	6+50A	3'-0"	AASHTO No. 1 Aggregate
6+50A	9+10A	5'-0"	Class II Riprap
9+10A	9+25A	3'-0"	AASHTO No. 1 Aggregate
9+25A	9+95A	3'-0"	AASHTO No. 1 Aggregate
9+95A	10+20A	3'-0"	AASHTO No. 1 Aggregate



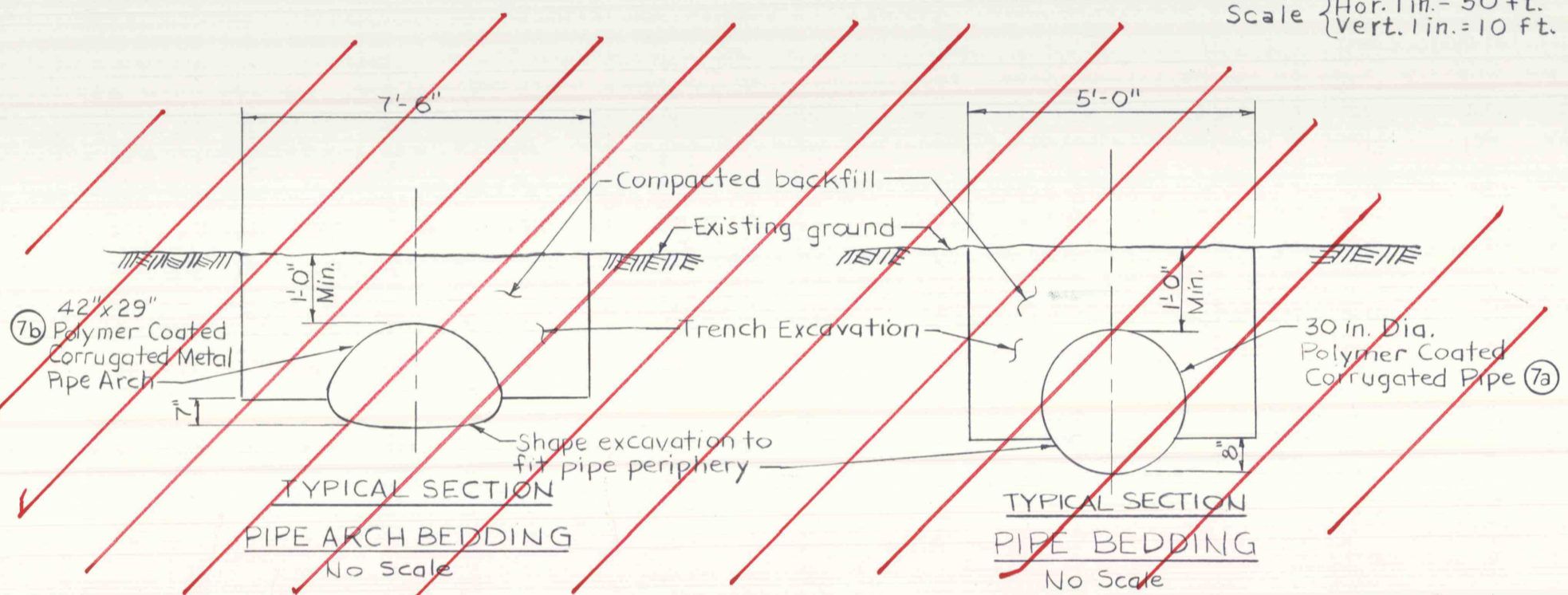
TYPICAL SECTION
DITCH WITH CLASS I RIPRAP
No Scale



TYPICAL SECTION
DITCH WITH AASHTO NO. 1 AGGREGATE
No Scale

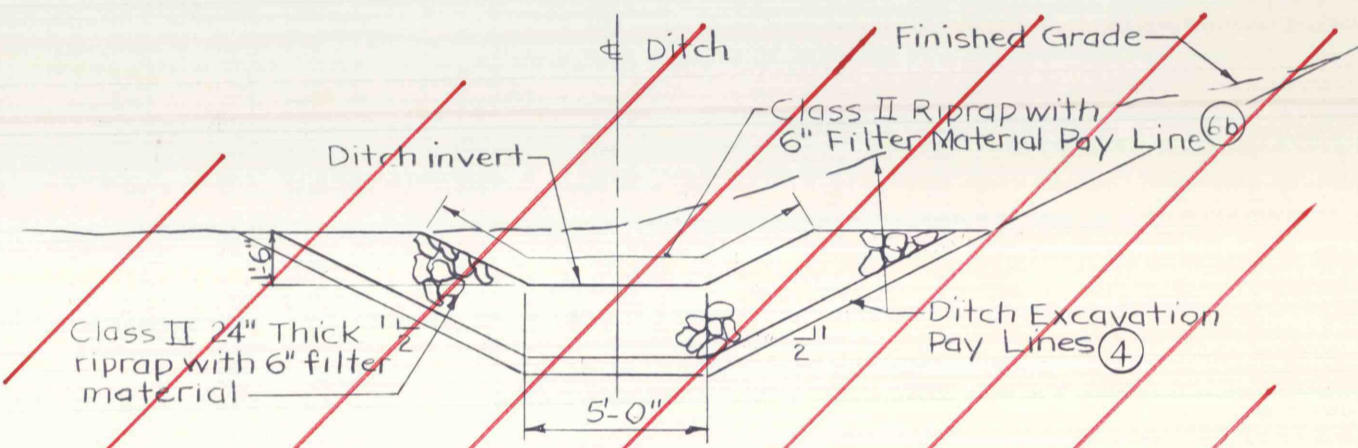
PROFILE ALONG CENTERLINE OF DITCH AND PIPE

Scale { Hor. 1 in. = 50 ft.
Vert. 1 in. = 10 ft.



TYPICAL SECTION
PIPE ARCH BEDDING
No Scale

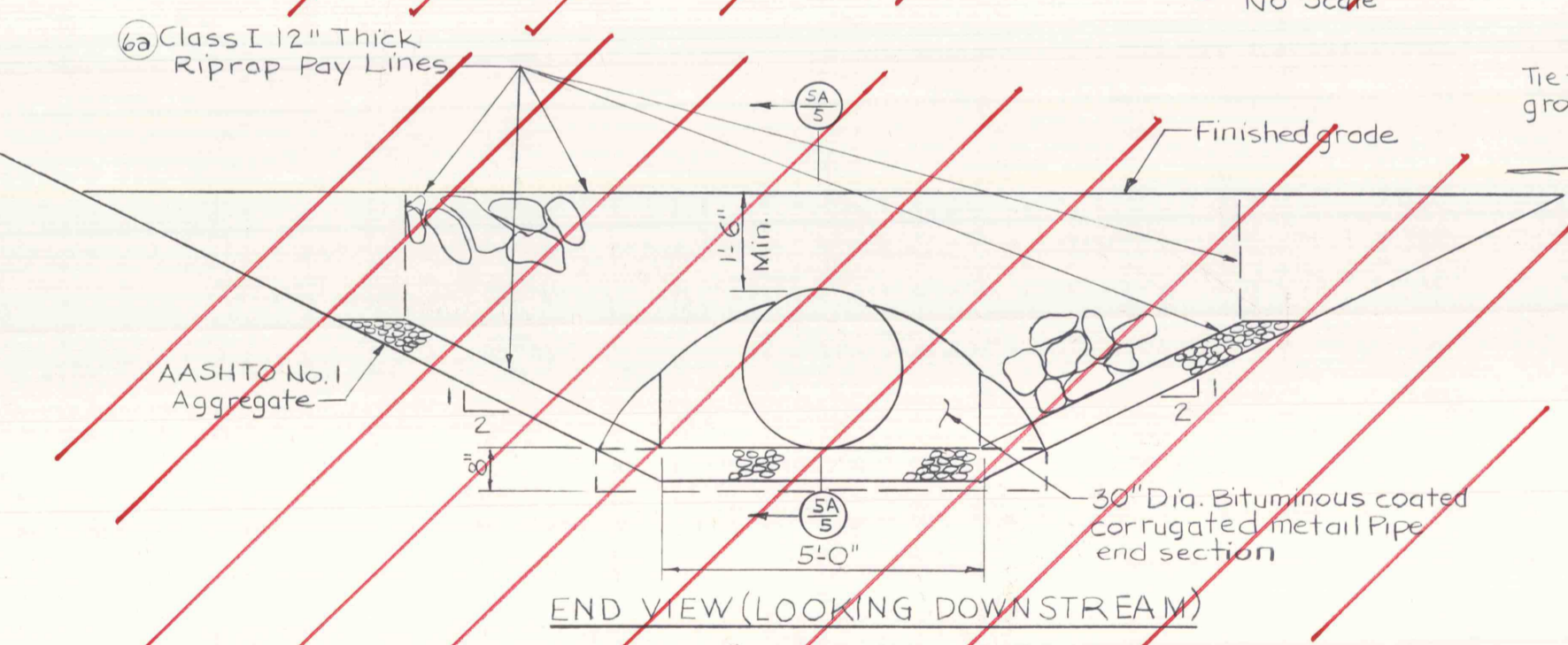
TYPICAL SECTION
PIPE BEDDING
No Scale



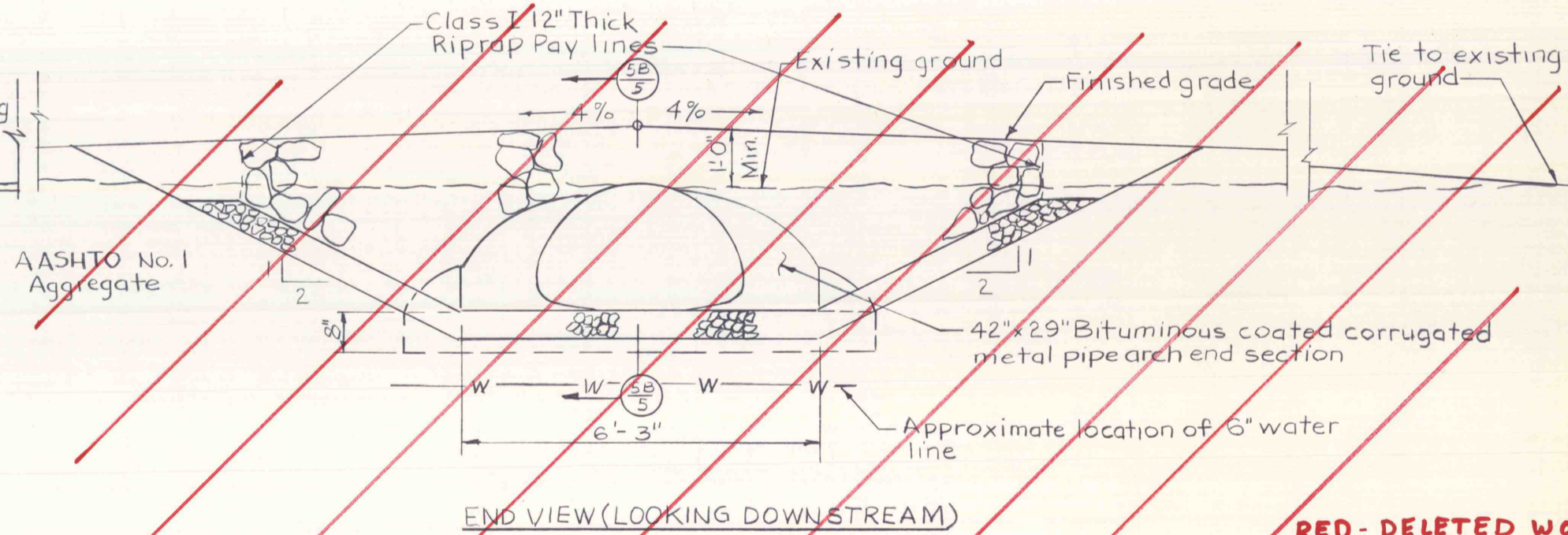
TYPICAL SECTION
DITCH WITH CLASS II RIPRAP
Scale: 1 in. = 4 ft.

NOTES:
1. For General Notes See Dwg. No. 2 of 5.

REFERENCES:
1. Plan _____ Dwg. No. 3 of 5
2. Cross Sections _____ Dwg. No. 4 of 5.

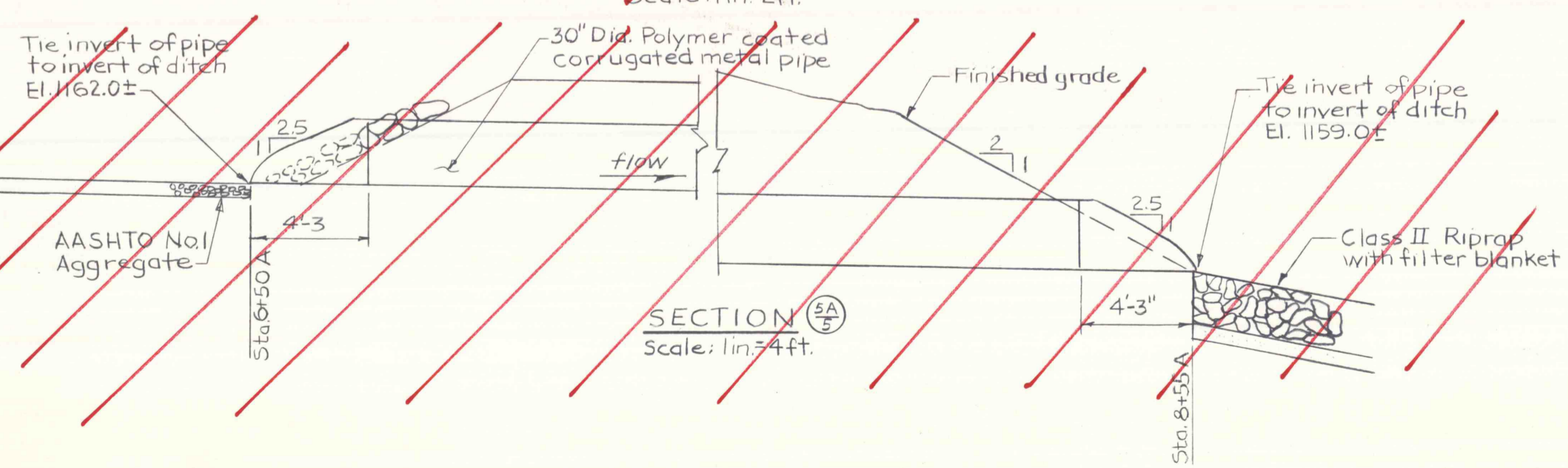


END VIEW (LOOKING DOWNSTREAM)
30" DIA. PIPE
Scale: 1 in. = 2 ft.

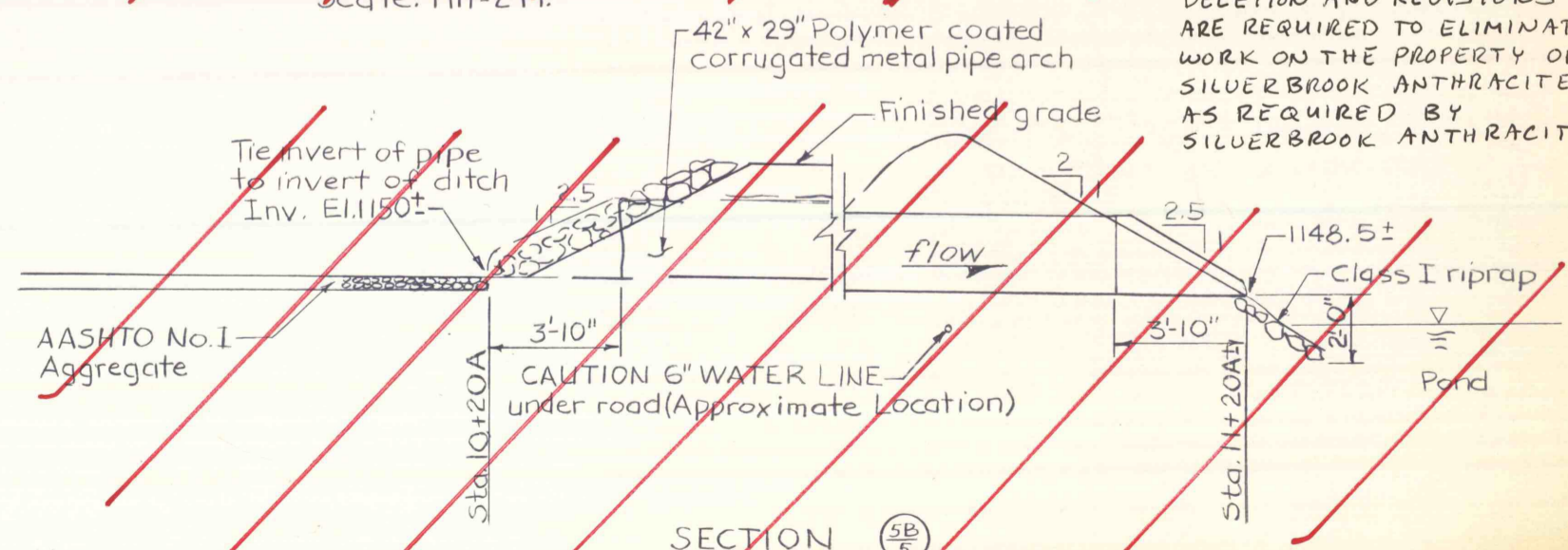


END VIEW (LOOKING DOWNSTREAM)
42" X 29" PIPE ARCH
Scale: 1 in. = 2 ft.

RED - DELETED WORK
GREEN - REVISED WORK
DELETION AND REVISIONS ARE REQUIRED TO ELIMINATE WORK ON THE PROPERTY OF SILVERBROOK ANTHRACITE AS REQUIRED BY SILVERBROOK ANTHRACITE



SECTION (5A)
Scale: 1 in. = 4 ft.



SECTION (5B)
Scale: 1 in. = 4 ft.

NO.	DATE	REVISION	APPR.
SUBMITTED: <i>[Signature]</i>			
PROJECT CO-ORDINATOR			
APPROVED: <i>[Signature]</i>			
CHIEF - DIVISION OF ACID MINE DRAINAGE ABATEMENT			
APPROVED: <i>[Signature]</i>			
DIRECTOR - BUREAU OF ABANDONED MINE RECLAMATION			

BONDHI P. RAO
REGISTERED PROFESSIONAL ENGINEER
019612-E
PENNSYLVANIA

David A. Kolojchick
REGISTERED PROFESSIONAL ENGINEER
33821-E
PENNSYLVANIA

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

CONTRACT NO. BF 81-101.1
BOND FORFEITURE RECLAMATION PROJECT
NORTHWEST MINING COMPANY INC.
MINING PERMIT NO. AN 81-7 (C)
CITY OF CARBONDALE LACKAWANNA CO., PA.

PROFILE AND DETAILS

DRAWN BY: L.W.G. DATE: 8-15-86 DRAWING NO.: 5 of 5
CHECKED BY: D.A.K. SCALE: As shown

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE.