

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION

ACID MINE DRAINAGE TREATMENT PROJECT

TANOMA SOUTH

RAYNE TOWNSHIP

INDIANA COUNTY

CONTRACT NO. AMD 32(2447)101.1

DRAWING INDEX

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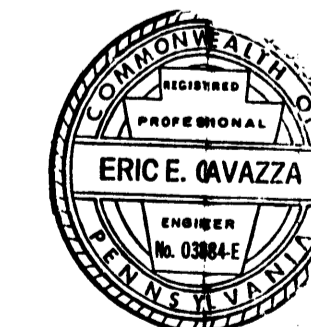
TOM RIDGE

GOVERNOR

JAMES M. SEIF

SECRETARY

DEPARTMENT OF ENVIRONMENTAL PROTECTION



APPROVED

Eric C. Carazza

1/04/00
DATE

ACTING DISTRICT ENGINEER - EBENSBURG
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Prepared By
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ABANDONED MINE RECLAMATION
EBENSBURG DISTRICT

UNDER PUBLIC UTILITIES ACT NO. 187

The Contractor shall comply with the Act of December 10, 1974 (Public Law 852, No. 287), as Amended, which defines the procedures for notification to Public Utilities prior to excavation, drilling, or demolition work using power equipment or explosives.

"PA ONE CALL SYSTEM" SERIAL NUMBER: 0671058
 "PA ONE CALL SYSTEM" TOLL-FREE NUMBER: 1-800-242-1776

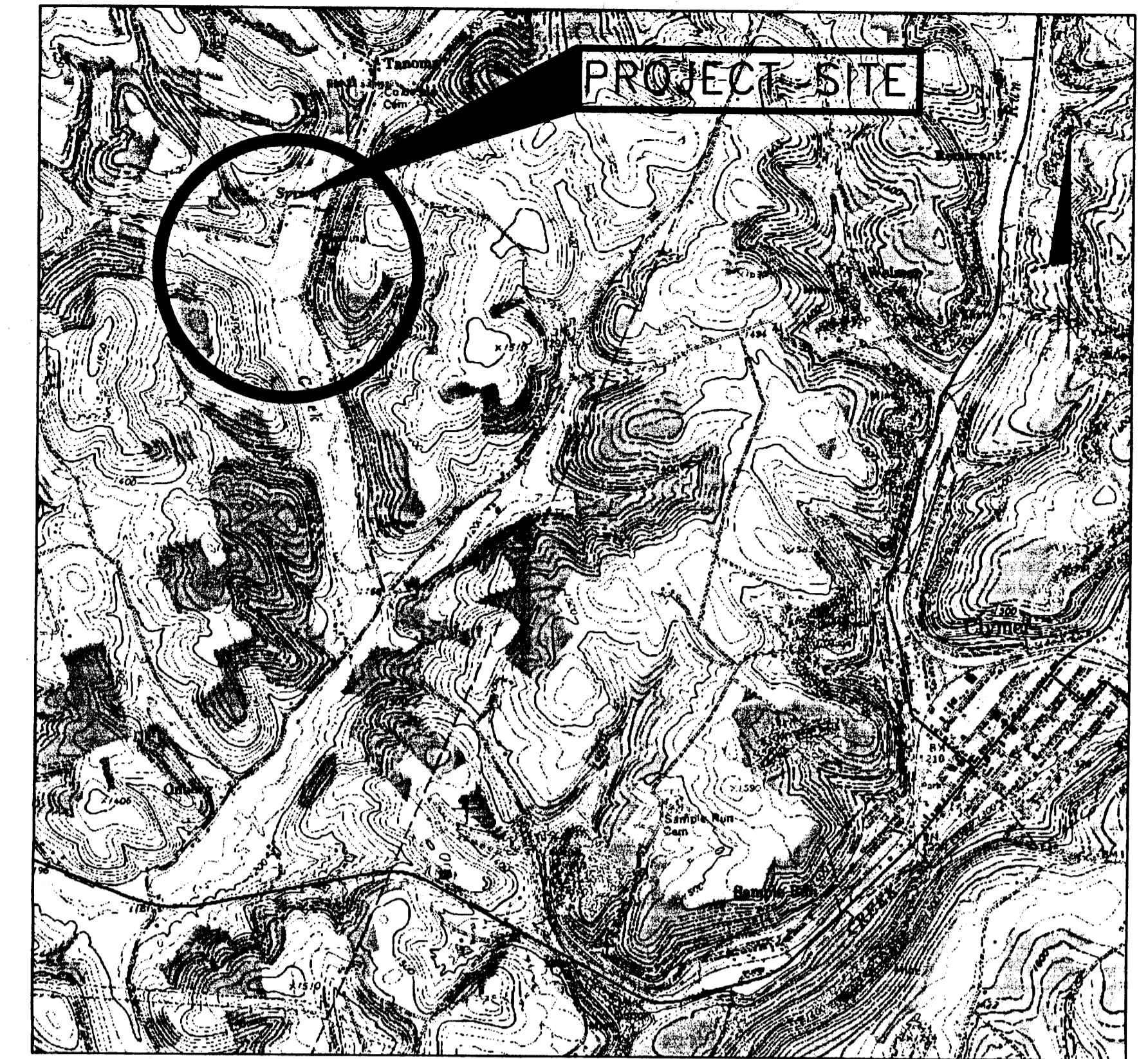
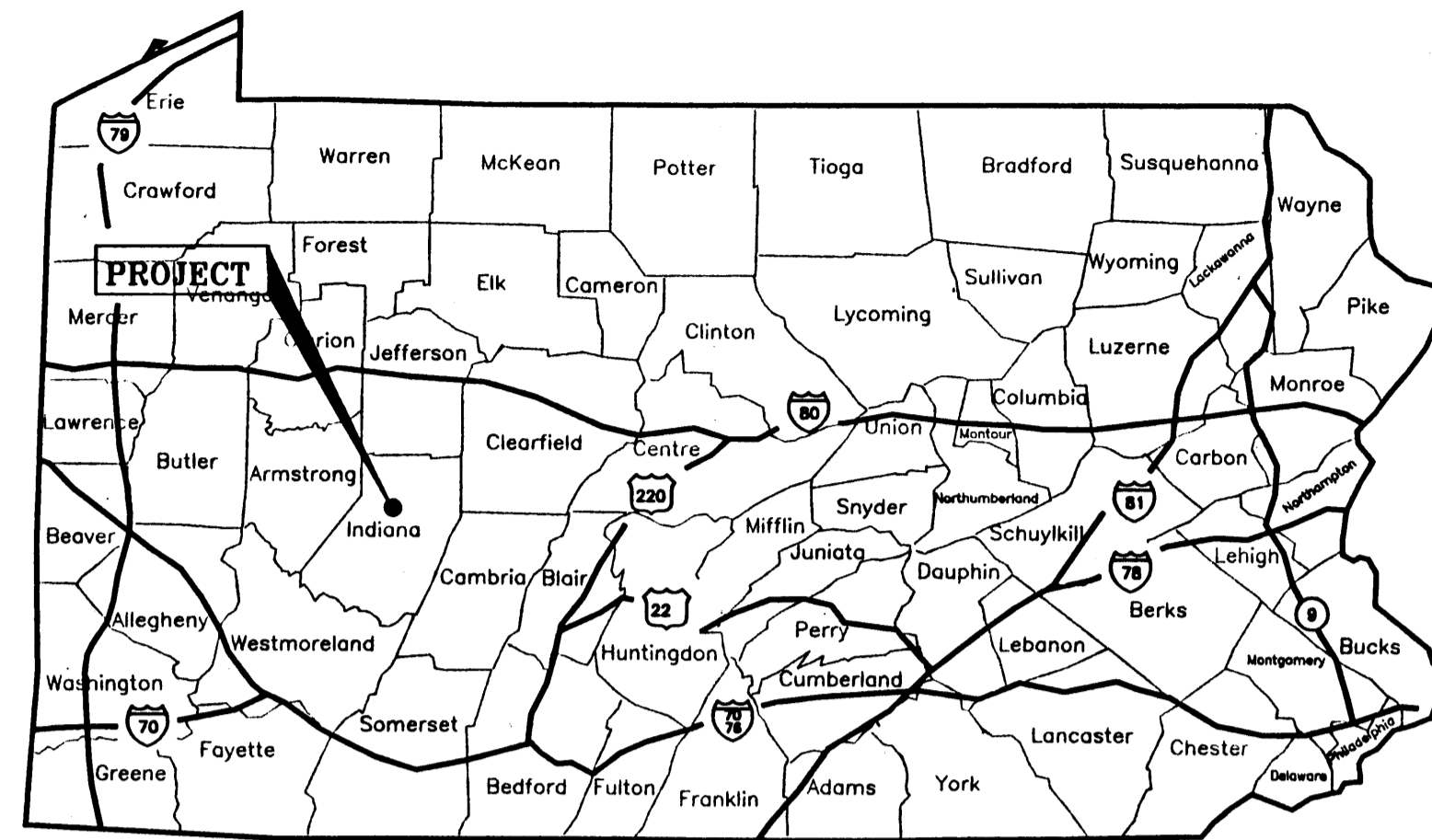
The following is a list of known public utilities located within or adjacent to the project area:

Texas Eastern Transmission Corp.
 Phone: 814-886-2391

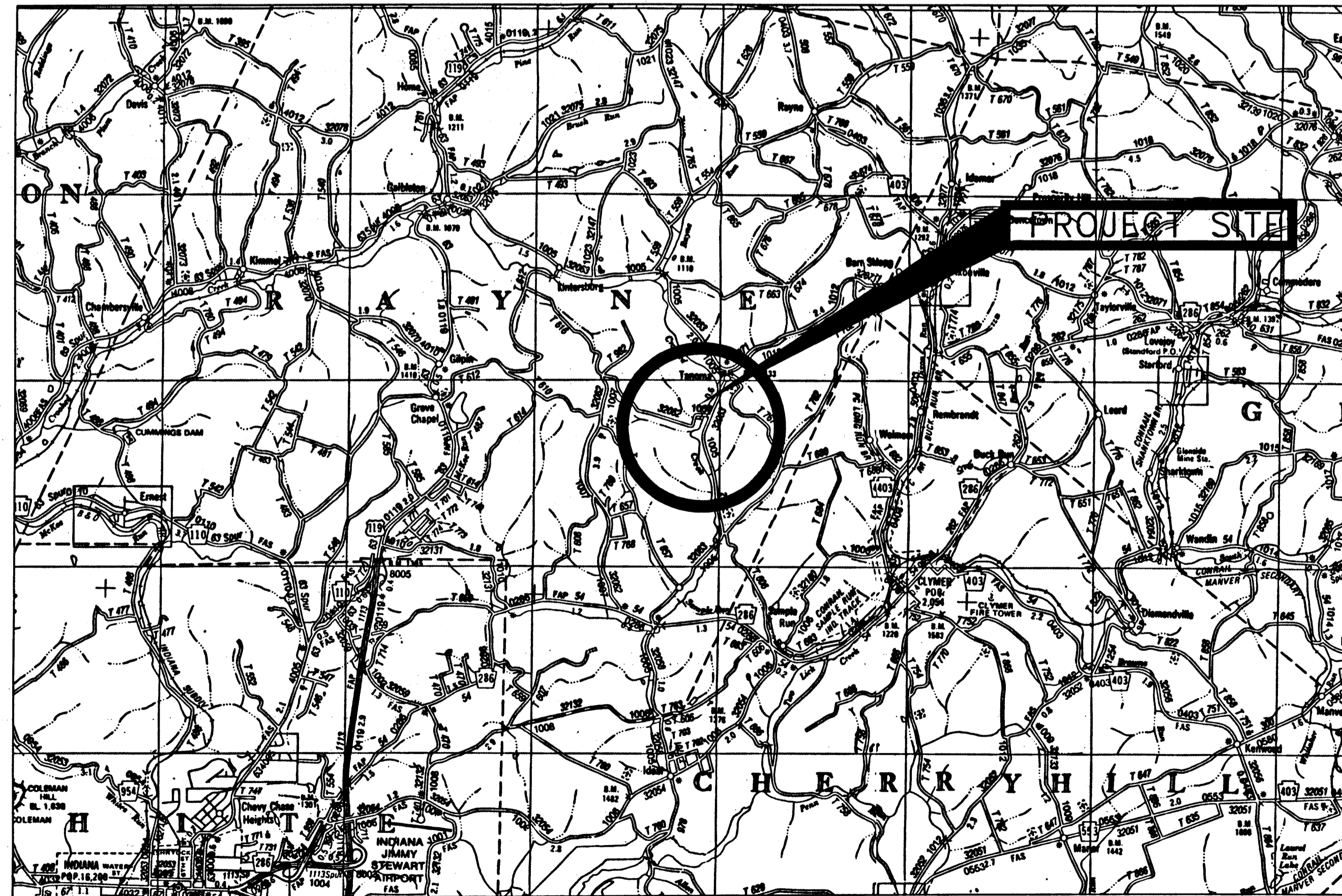
Albarta Oil and Gas Co.
 1000 RIDC Plaza
 Pittsburgh, Pa. 15238

GENERAL NOTES:

1. Data concerning underground utilities has been obtained from available information, accuracy of the data is not guaranteed. See Utility listing on this drawing and call the "Pa One Call System" at 1-800-242-1776 prior to starting work.
2. Access roads to the project site shall be restored to their pre-construction condition or better upon project completion.
3. Property information was taken from Indiana County Tax Assessment office.
4. All areas outside the Contractor's Work Area that are disturbed by the contractor, must be restored to as good as or better than pre-construction conditions.



LOCATION MAP SCALE: 1" = 2000'



VICINITY MAP SCALE: 1" = ~10mi

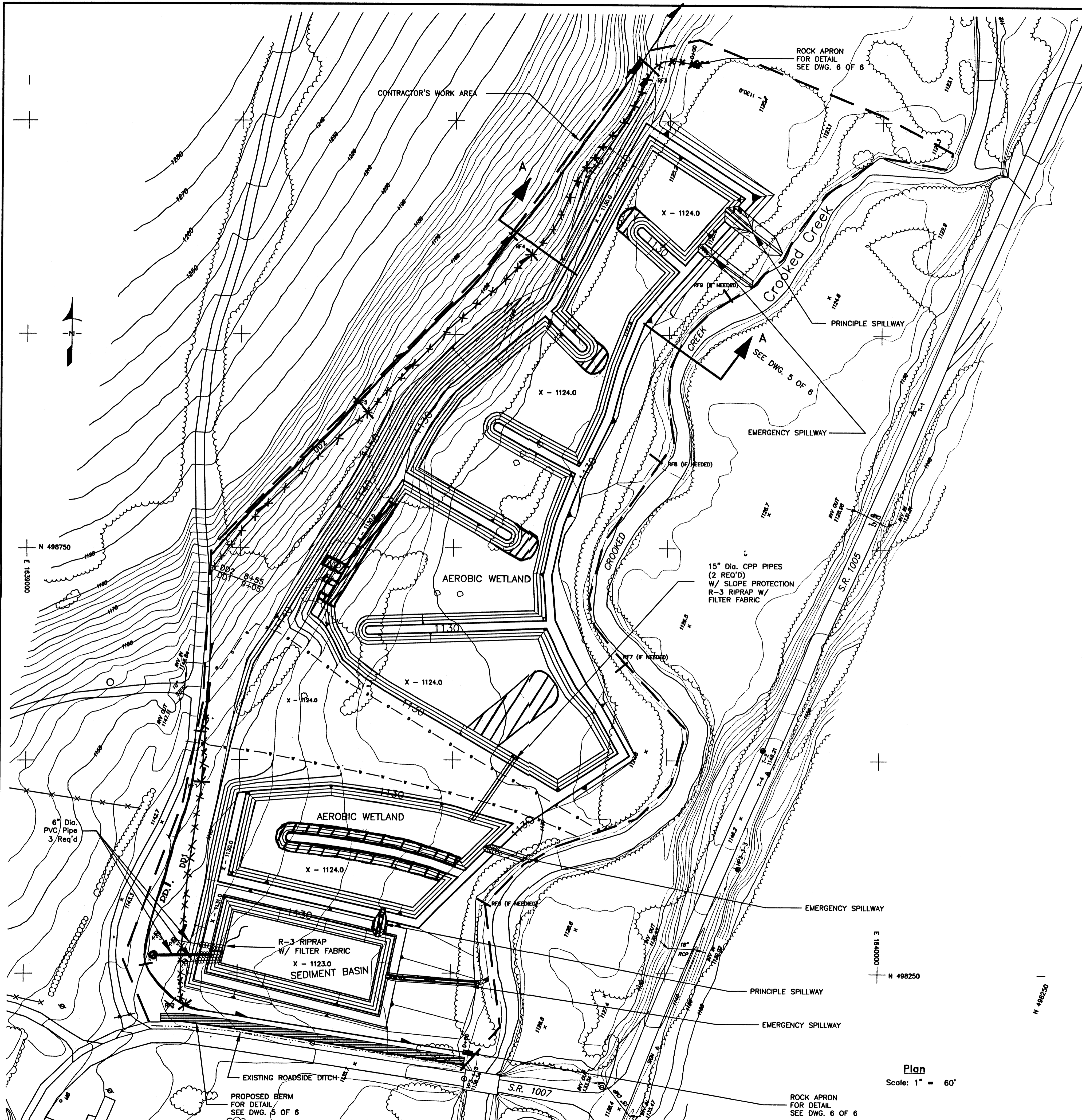
LEGEND

- LIMIT OF CONTRACTOR'S WORK AREA
- - - LIMIT OF GRADING
- ▨ ROCK LINING
- ▨ SPILLWAY (EMERGENCY/PRINCIPLE)
- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- FINAL 2' CONTOURS
- FINAL 10' CONTOURS
- PERMANENT DIVERSION DITCH
- ⬇ R-1 PROPOSED DRILL HOLE
- RFB ROCK FILTER
- (1'-18) FILTER FENCE (18" height)
- SLOPE LINES
- G GAS LINE
- W WATER LINE
- STREAM

NO.	DATE	REVISION	APPR.
SUBMITTER: <i>[Signature]</i>			
DESIGN ENGINEER: <i>[Signature]</i>			
REVIEWED: <i>[Signature]</i>			
ACTING DESIGN SECTION CHIEF-ENGINEER: <i>[Signature]</i>			
APPROVED: <i>[Signature]</i>			
ACTING DISTRICT ENGINEER-ERBSBURG: <i>[Signature]</i>			
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION			
CONTRACT NO. AMD 32(2447)101.1			
ACID MINE DRAINAGE TREATMENT PROJECT TANOMA SOUTH			
RAYNE TWP.		INDIANA CO.	
LOCATION MAPS & NOTES			
DRAWN BY: RCN	DATE: 12/13/99	DRAWING NO: 2447-02.DWG	
CHECKED BY: DS	SCALE: AS SHOWN	2 of 6	

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

LOCATION	APPROXIMATE INLET ELEVATION	APPROXIMATE ELEVATION PRINCIPLE SPILLWAY	EMERGENCY SPILLWAY ELEVATION	COMMENTS
Sediment Basin	1130'	1128'	1130'	
Aerobic Wetland	1128'	1128'	1126'	2 - 15" DIA. CPP PIPES

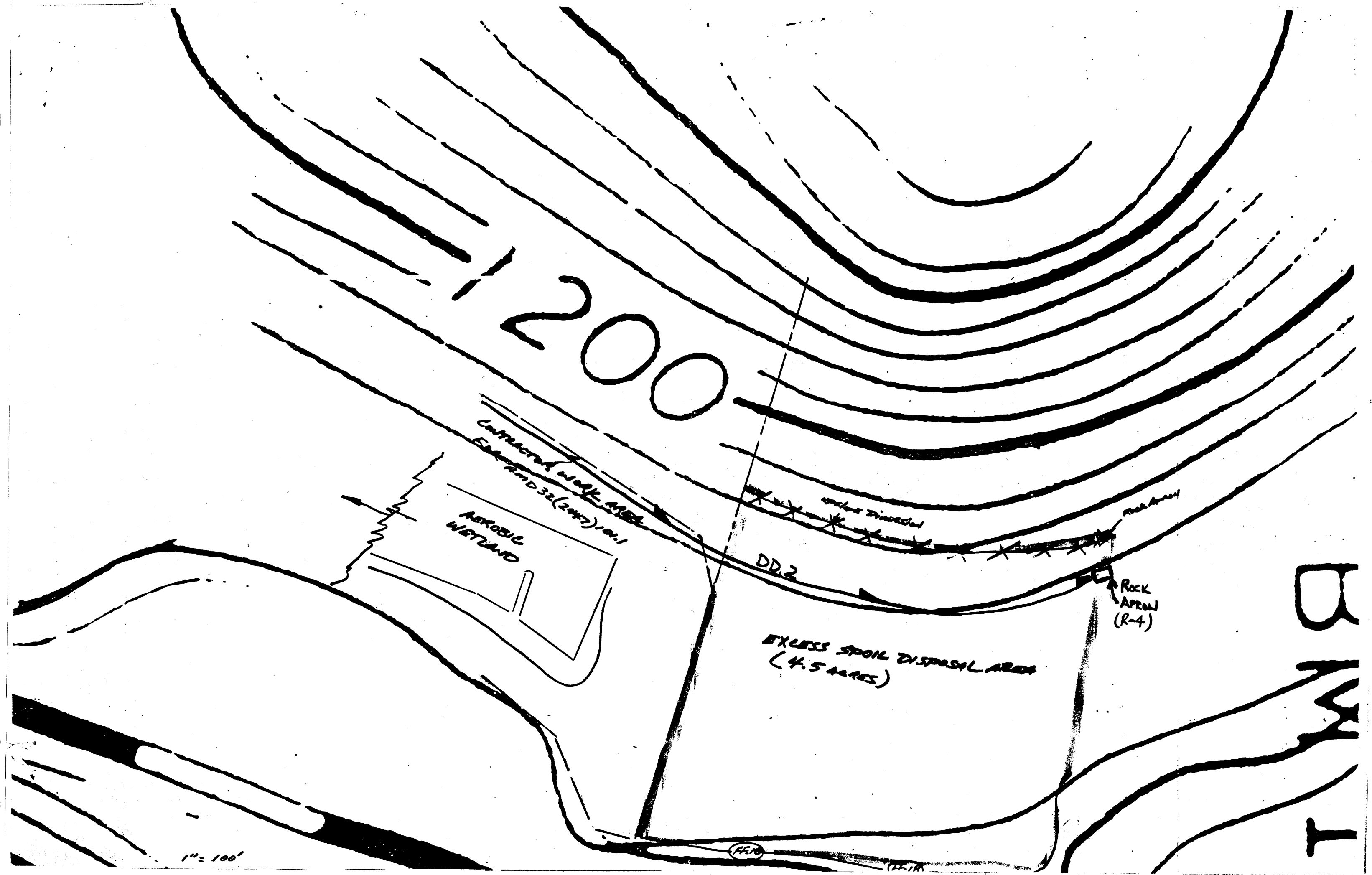


NO.	DATE	REVISION	APPR.
SUBMITTED: <i>[Signature]</i>			
DESIGN ENGINEER: <i>[Signature]</i>			
REVIEWED: <i>[Signature]</i>			
ACTING DESIGN SECTION CHIEF-EBENSBURG: <i>[Signature]</i>			
APPROVED: <i>[Signature]</i>			
ACTING DISTRICT ENGINEER-EBENSBURG: <i>[Signature]</i>			
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION			
CONTRACT NO. AMD 32(2447)101.1			
ACID MINE DRAINAGE ABATEMENT PROJECT TANOMA SOUTH			
RAYNE TWP.		INDIANA CO.	
PLAN			
DRAWN BY: rcn CHECKED BY: DS ACAD DRAWING NO.: 2447-03.DWG	DATE: 12/14/99 SCALE: AS SHOWN	DRAWING NO.: 3 of 6	

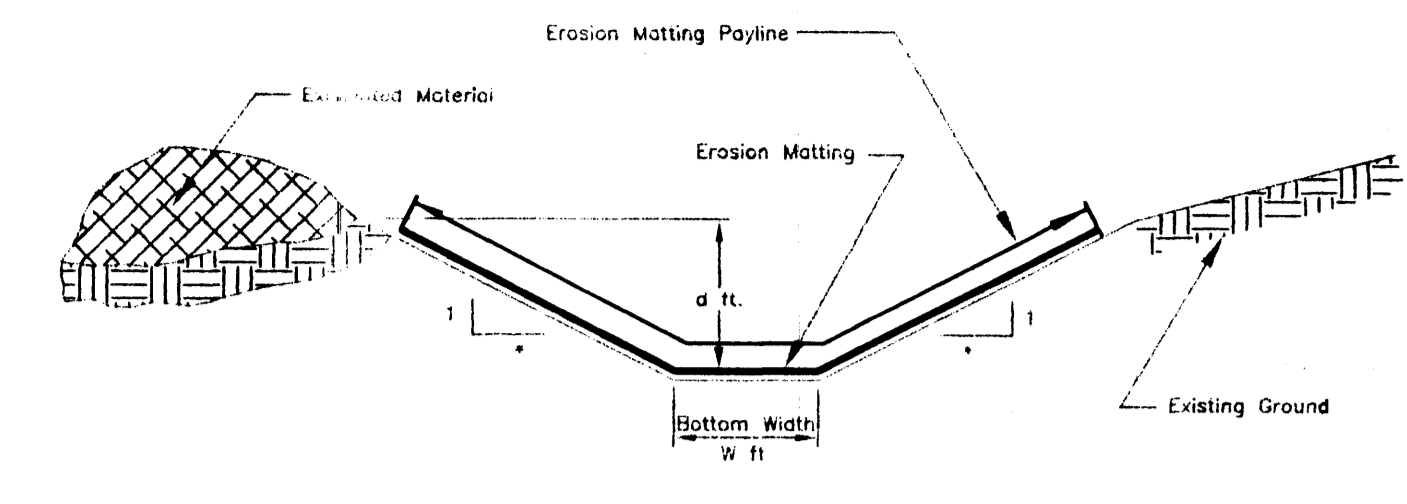
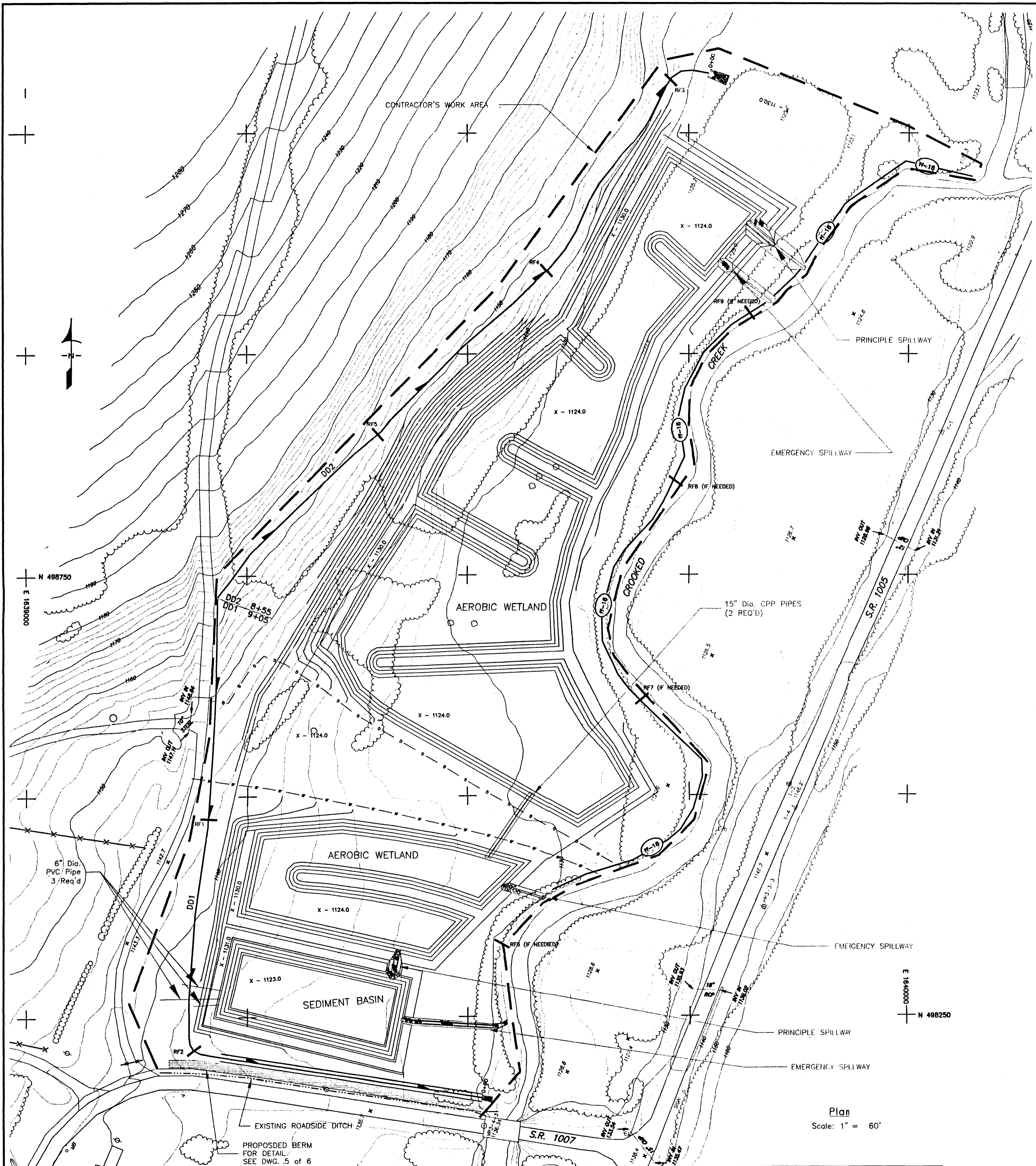
ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE

MATCH TO DWG 4 OF 6

Plan
Scale: 1" = 60'

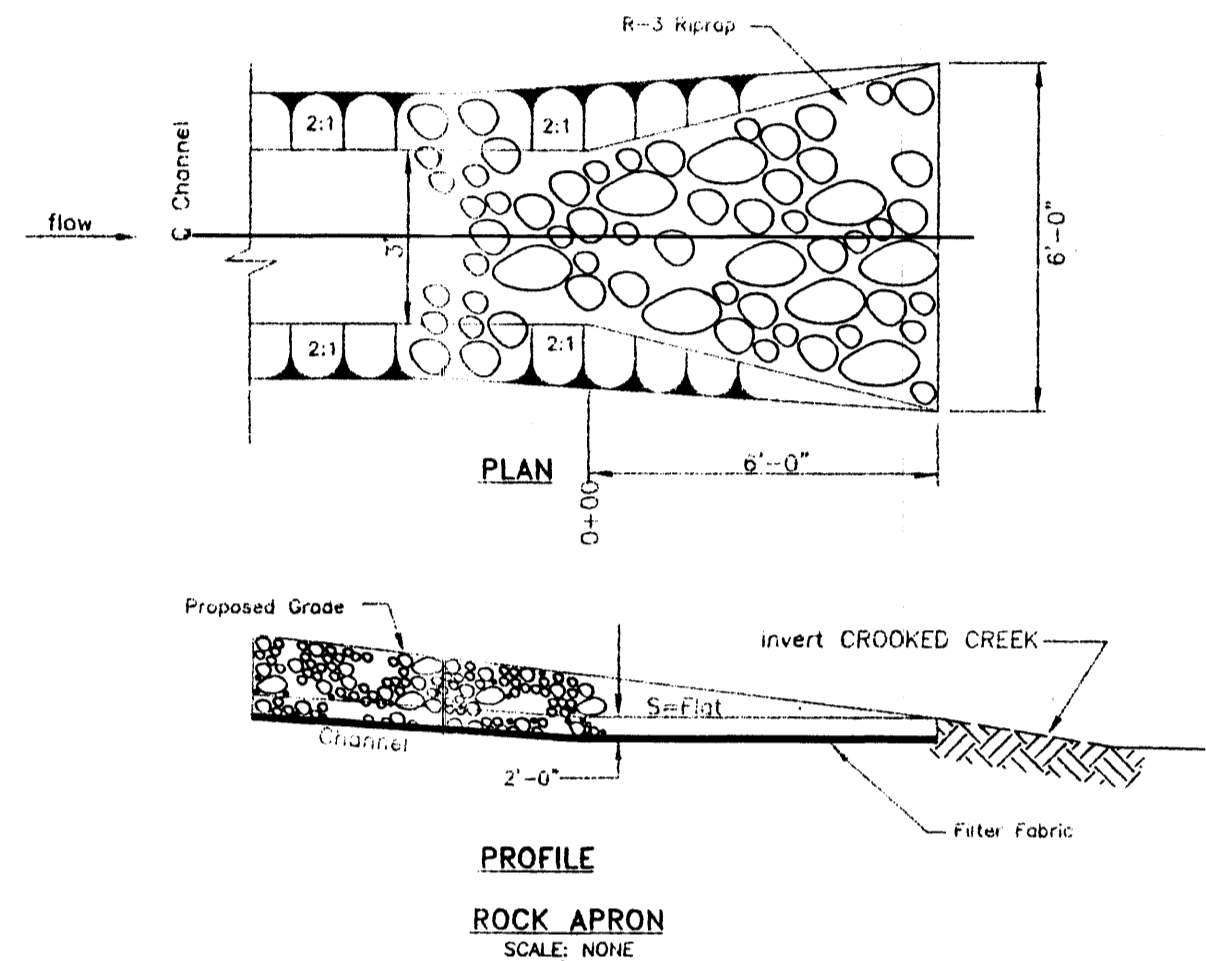


B
M
T



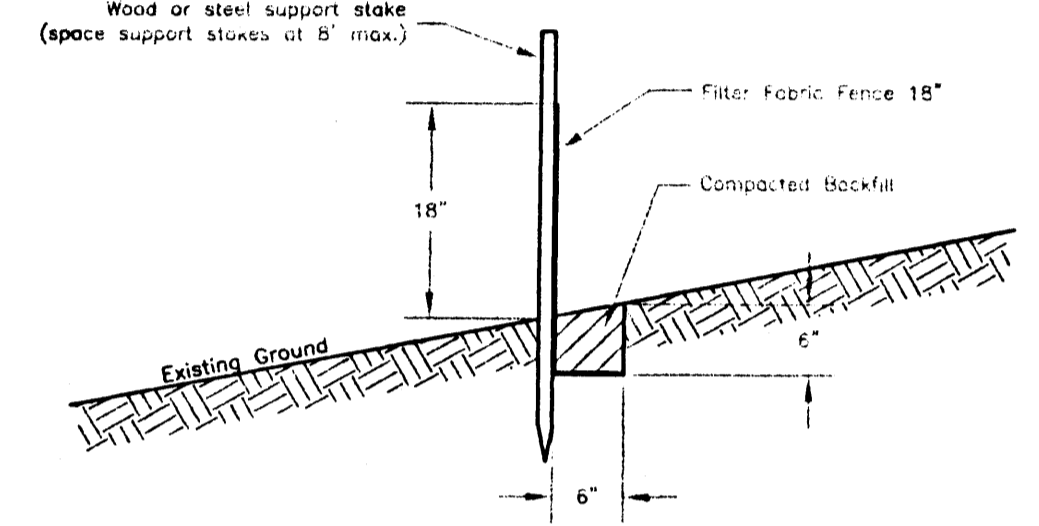
Typical Vegetated Channel Detail
SCALE: 1/2" = 1'

Channel	Stations	SLOPE * = H:V	d ft.	W ft.	Channel
DD1	0+00 to 9+05	2:1	1.36	3	Erosion Matting
DD2	0+00 to 8+55	2:1	1.52	3	Erosion Matting

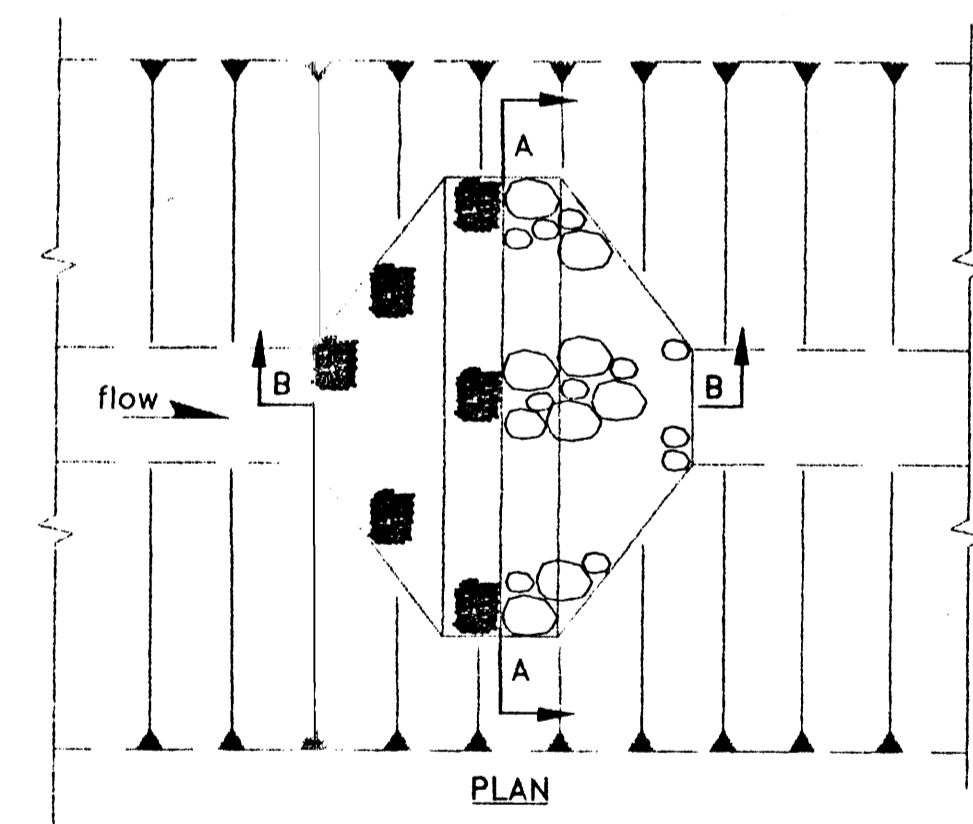


PROFILE
ROCK APRON
SCALE: NONE

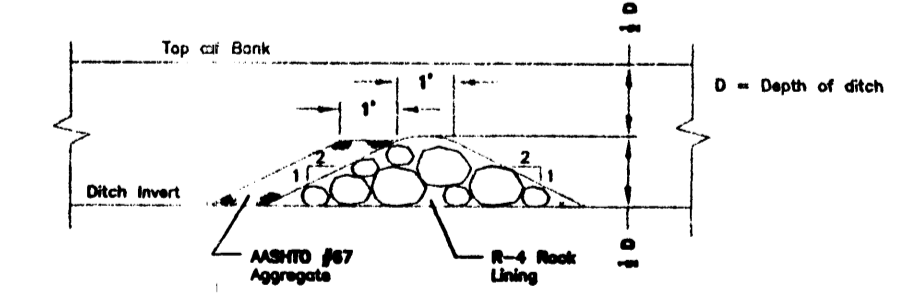
- Notes:
1. Filter fabric fence must be installed at level grade. Both ends of each fence section must extend at least 8' upslope at 45 degrees to the main fence alignment.
 2. Sediment must be removed when accumulations reach 1/2 the above ground height of the fence.
 3. Any fence section which has been undermined or topped must be immediately replaced with a rock filter outlet. See "Rock Filter Outlet Detail" this sheet.



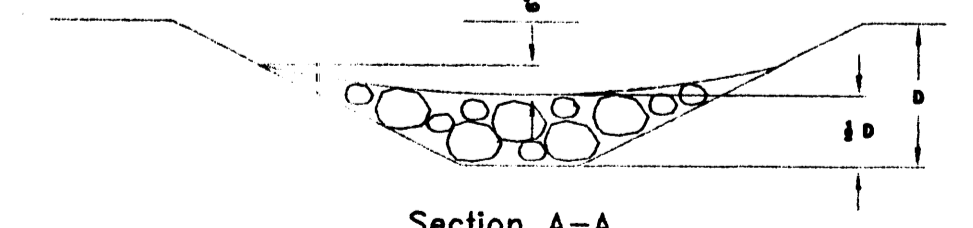
18" Filter Fabric Fence Detail
No Scale



PLAN



Section B-B



Section A-A

Rock Filter Details
Scale: 1" = 2'

Plan
Scale: 1" = 60'

NO.	DATE	REVISION	APPR.

SUBMITTED: *[Signature]*
DESIGN ENGINEER

REVIEWED: *[Signature]*
ACTING DESIGN SECTION CHIEF - EMBERSBURG

APPROVED: *[Signature]*
ACTING DISTRICT ENGINEER - EMBERSBURG

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CONTRACT NO. AMD 32(2447)101.1

ACID MINE DRAINAGE ABATEMENT PROJECT
TANOMA SOUTH

RAYNE TWP. INDIANA CO.

E & S PLAN & DETAILS

