



Public Notice

U S Army Corps
of Engineers
Huntington District

In reply refer to Public Notice No. 2007-182

Issuance Date: August 19, 2008

Stream: Peter Forks

Closing Date: September 18, 2008

Please address all comments and inquiries to:

U.S. Army USACE of Engineers, Huntington District

ATTN: CELRH-OR-F Public Notice No. (*reference above*)

502 Eighth Street

Huntington, West Virginia 25701-2070

Phone: (304) 399-5710

PUBLIC NOTICE: The purpose of this public notice is to inform you of a proposal for work in which you might be interested. It is also to solicit your comments and information to better enable us to make a reasonable decision on factors affecting the public interest. We hope you will participate in this process.

REGULATORY PROGRAM: Since its early history, the United States Army Corps of Engineers (USACE) has played an important role in the development of the nation's water resources. Originally, this involved construction of harbor fortifications and coastal defenses. Later duties included the improvement of waterways to provide avenues of commerce. An important part of our mission today is the protection of the nation's waterways through the administration of the USACE Regulatory Program.

SECTION 10: The USACE is directed by Congress under Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) to regulate all work or structures in or affecting the course, condition or capacity of navigable waters of the United States. The intent of this law is to protect the navigable capacity of waters important to interstate commerce.

SECTION 404: The USACE is directed by Congress under Section 404 of the Clean Water Act (33 USC 1344) to regulate the discharge of dredged and fill material into all waters of the United States, including wetlands. The intent of the law is to protect the nation's waters from the indiscriminate discharge of material capable of causing pollution and to restore and maintain their chemical, physical and biological integrity.

TO WHOM IT MAY CONCERN: The following application has been submitted for a Department of the Army Permit under the provisions of Section 404 of the Clean Water Act. This notice serves as the USACE request to the West Virginia Department of Environmental Protection (WVDEP) to act on Section 401 Water Quality Certification for the following application.

APPLICANT: Alex Energy, Inc.
Post Office Box 707
Summersville, West Virginia 26651

LOCATION: The proposed project would be located approximately 2 miles northwest of Drennen, in the Jefferson District of Nicholas County, West Virginia. The project area can be found at latitude 38°17'15" and longitude 81°03'56" on the Lockwood USGS 7.5-minute quadrangle. The proposed project would be constructed in the watersheds of Peters Fork, Little Elk Creek, Line Creek, Twomile Branch and Otter Creek. Peters Fork exhibits a surface water connection to Hardway Branch. Twomile Branch and Hardway Branch exhibit a surface water connection to Twentymile Creek. Line Creek exhibits a surface water connection to Peters Creek. Twentymile Creek, Peters Creek and Little Elk Creek are all surface tributaries of the Gauley River, a traditional navigable water.

DESCRIPTION OF THE PROPOSED WORK: The applicant proposes to discharge dredged and/or fill material into approximately 22,733 linear feet or 3.38 acres of waters of the United States in conjunction with the construction, operation and reclamation of the Federal Surface Mine [Pending approval under Surface Mining Control and Reclamation Act (SMCRA) Permit S-3011-07 and National Pollutant Discharge Elimination System (NPDES) Permit WV1022296]. Project components would include five permanent valley fills (Valley Fills No. 1-5), six mine-through areas, six in-stream sediment pond embankments, and twelve culverted stream crossings. Construction of the sediment ponds would result in temporary, direct discharges of dredged or fill material into 2,477 linear feet (0.49 acre) of intermittent stream channels. Construction of the 12 culverted stream crossings would result in temporary, direct discharges of dredged or fill material into 130 linear feet (0.0053 acre) of ephemeral stream channels and 515 linear feet (0.07 acre) of intermittent stream channels. Construction of the proposed underdrain systems associated with Valley Fills No. 1, 2, 3, 4 and 5 would result in the permanent, direct discharges of dredged material into 14,133 linear feet (2.212 acres) of intermittent stream channels and 3,862 linear feet (0.4584 acre) of ephemeral stream channels. Mineral removal activities would result in the permanent, direct impacts to 368 linear feet (0.028 acre) of intermittent stream channels and 1,248 linear feet (0.115 acre) of ephemeral stream channels. Details regarding these proposed activities are listed in the Table 1 attached to this public notice. The purpose of the proposed project is to discharge dredged/fill material to construct attendant and associated features (i.e. overburden disposal, coal recovery, sediment control etc.) and to facilitate efficient extraction of 2.1 million tons of coal reserves in the SMRCA permitted area (746 acres of which 198 acres would encompass the proposed valley fills and sediment ponds) for a period of 4 years. Coal removed from the project area would be processed and moved offsite for delivery to customers. Plans for the proposed facility are attached to this public notice.

ALTERNATIVE ANALYSIS: This project is not considered to be water dependent; therefore, the applicant is required to show that other less damaging practicable alternatives are not available that would achieve the overall project purpose. No permit will be issued until our review of the alternative analysis clearly shows that upland alternatives are not available to achieve the overall project purpose. The applicant considered two practicable alternatives: Alternative No. 3 using multiple seam contour mining and Alternative No. 4 using a combination of area, contour and highwall/auger mining. While Alternative No. 3 would be practicable, it would sterilize coal reserves that would otherwise be recovered under Alternative No. 4. Also, Alternative No. 3 and No. 4 would result in the same impacts (22,733 linear feet or 3.38 acres) to waters of the US. The applicant evaluated 22 hollows within a one-mile radius of the project area as potential locations for overburden storage. Sites 1 (contains ~ 5,388 linear feet of waters of the US), 4 (contains ~ 1,995 linear feet of waters of the US), 11 (contains ~3,500 linear feet of waters of the US) and 17 (contains ~ 3,225 linear feet of waters of the US) would provide adequate capacity for excess overburden storage, but the slope of the valley floor where the toe of the fill would be located is over 20 percent. Thus, these four sites were not considered practicable locations for excess overburden storage. Site 3 (contains ~ 2,000 linear feet of waters of the US) would not be large enough to accommodate excess

overburden storage and is located in an undisturbed hollow. Sites 9 (contains ~2,500 linear feet of waters of the US) and 12 (contains ~ 7,200 linear feet of waters of the US) would provide adequate capacity for excess overburden storage, but a powerline runs through the hollows and due to logistics and cost associated with relocation of the line, these sites were determined not to be practicable sites for excess overburden storage. Site 10 would provide adequate capacity for excess overburden storage, but it is located in a currently disturbed watershed that is bonded by an adjacent SMCRA permit and is used for the disposal of excess overburden storage and would not support additional storage of overburden materials. Thus, this site was not considered a practicable location for excess overburden disposal. Sites 15 (contains ~ 2,625 linear feet of waters of the US), 16 (contains ~ 5,500 linear feet of waters of the US), 19 (contains ~ 3,000 linear feet of waters of the US), 20 (contains ~ 3,000 linear feet of waters of the US) and 21 (contains ~ 3,000 linear feet of waters of the US) would provide adequate capacity for excess overburden storage, but houses that are protected structures under the SMCRA and county routes run along the bottoms of these hollows. Thus, these five sites were determined not to be practicable locations for excess overburden storage. Sites 14 (contains ~ 13,792 linear feet of waters of the US) and 18 (contains ~ 5,106 linear feet of waters of the US) would provide adequate capacity for excess overburden storage, but the excess overburden material would have to be hauled via public roads. Thus these two sites were determined not to be practicable locations for excess overburden storage. Site 13 (contains ~ 3816 linear feet of waters of the US) would provide adequate capacity for excess overburden storage; however, this site is not located within a practicable distance to the proposed mine site and would not be cost effective. Thus, this site was determined not to be a practicable location for excess overburden storage. Sites 2 (contains ~ 6,525 linear feet of waters of the US), 5 (contains ~ 7,424 linear feet of waters of the US), 6 (contains ~ 6,302 linear feet of waters of the US), 7 (contains ~ 5,103 linear feet of waters of the US) and 8 (contains ~ 9,108 linear feet of waters of the US) would provide adequate capacity for excess overburden storage, are located within a practicable distance to the mine sites, have the required slope to provide sufficient valley fill stability and no existing homes or utility lines would be affected. Of the 34,462 linear feet of waters of the US located within Sites 2, 5, 6, 7 and 8, the applicant has avoided proposed impacts to 10,438 linear feet of waters of the US.

MITIGATION PLAN: The project area has been previously timbered and gas reserves have been developed. Mining has occurred using deep and surface mining techniques within and adjacent to the project area. In evaluating a project area containing waters of the United States, consideration must be given to avoiding impacts on these sites. The USACE has determined that approximately 1,000 linear feet of perennial stream (Peters Fork from Station -10+00 to 0+00), 43,771 linear feet of intermittent streams (Streams A, B, C, D, E, F, G, H, Right and Left Forks of Line Creek, Pine Fork, PF-1, TM-1, TM-1A, TM-2, TM-2D, TM-2F, TM-3, W, X, Z, V, V1, V2, V3, V4, V4A, V5 and V6), 8,972 linear feet of ephemeral stream (Streams A, B, C, D, E, F, F1, H, Right and Left Forks of Line Creek, TM-1, TM-1A, TM-2, TM-2A, TM-3, W, X, X1, Y, Z, V, V1, V4 and V4A) are located within the area delineated for the proposed project. As a result of avoidance measures, the applicant proposes to impact 18,126 linear feet of intermittent stream (3,625 linear feet would be restored upon completion of mining activities) and 5,240 linear feet of ephemeral stream (130 linear feet would be restored upon completion of mining activities). Therefore, the applicant has avoided impacts to approximately 1,000 linear feet of perennial stream, 25,645 linear feet of intermittent stream and 3,732 linear feet of ephemeral stream within the delineated area. Upon completion of mining activities, 3,625 linear feet of intermittent and 130 linear feet of ephemeral stream would be re-established to their approximate pre-disturbance contours.

If waters of the United States cannot be avoided, impacts must be minimized. The applicant has proposed efforts to minimize impacts to aquatic resources throughout project implementation. The applicant proposes to incorporate best management practices (BMPs), as required by SMCRA and NPDES, to the maximum extent possible and by using the best technology currently available. To limit the impacts of the proposed operation, the design of the valley fills were optimized by placing excess overburden on top of fills higher than the lowest coal seam proposed to be mined. This procedure (Approximate Original Contour+/Excess Overburden Guidelines) was developed by the WVDEP and was endorsed by the United States Environmental Protection Agency as constituting minimization under the Section 404(b)(1) Guidelines. Valley Fills 1, 2, 3, 4 and 5 comply with these guidelines. Additionally, the proposed valley fills would be constructed in hollows previously impacted by pre- and post-SMCRA mining, gas and timbering activities. With regard to sediment control, run-off must pass through the proposed designed sediment control structures before entering the streams to prevent downstream sedimentation in any considerable quantities. These measures would minimize the potential for excessive erosion and deposition of sediment in waters of the United States. The applicant proposes to manage discharges in accordance with WVDEP-established NPDES threshold limits for suspended solids and settleable solids. Further minimization of impacts would be achieved through timely backfilling, grading and revegetation of operational areas and stabilization of fill material, which would be expected to minimize the amount of earth disturbance at any given time and would reduce the potential for erosion and sedimentation. With regard to the proposed road crossings, the culverts would be installed in a manner to adequately pass both low and high water flows and would accommodate fluctuating water levels and aquatic life passage. The applicant examined numerous alternatives to avoid all impacts to waters of the United States and determined them to be impracticable based on cost effectiveness, and technical feasibility in light of the overall project purpose.

The applicant has submitted a Compensatory Mitigation Plan (CMP) to compensate for unavoidable impacts to waters of the United States. The mitigation components include: restoring approximately 3,755 linear feet of temporarily impacted stream channels to their approximate pre-disturbance conditions; creating 14,211 linear feet of stream channel; enhancing and restoring 15,650 linear feet of stream channels of the Right Fork of Line Creek watershed and 2,600 linear feet in two unnamed tributaries of Little Elk Creek; creating approximately 0.34 acre of wet meadow wetland; establishing, enhancing or restoring 50-foot riparian areas along the 36,216 linear feet for total of 41.6 acres; and permanently protecting all mitigation areas via a real estate instrument. The CMP has been developed with a watershed-based approach and incorporates the USACE Interim Functional Assessment Approach.

WATER QUALITY CERTIFICATION: A Section 401 Water Quality Certification is required for this project. It is the applicant's responsibility to obtain certification from the WVDEP.

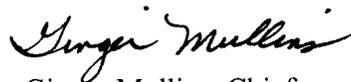
HISTORIC AND CULTURAL RESOURCES: It has been determined there are no properties included in or eligible for listing in the National Register of Historic Places (NRHP) that would be affected by the proposed undertaking. Reports entitled "Phase I Archaeological Survey of the Proposed Federal Surface Mine No. 1 Permit Area, Jefferson District, Nicholas County, West Virginia" was prepared and submitted to West Virginia Division of Culture and History, State Historical Preservation Office (SHPO) for review. SHPO has reviewed the report and, in a letter dated October 1, 2007, stated two archaeological sites identified in the project area lack integrity and are not eligible for inclusion in the NRHP and no further consultation is required. A copy of this public notice will be sent to the SHPO for their review. Additional comments concerning archeological sensitivity of a project area should be based upon collected data.

ENDANGERED/THREATENED SPECIES REVIEW: Two federally listed endangered species, the Indiana bat (*Myotis sodalis*) and Virginia big-eared bat (*Corynorhinus townsendii virginianus*) may occur within the project area. In the summer of 2007, a bat-mist net survey was completed in the project area to determine presence or probable absence of the Indiana bat within the proposed project area. No federally-listed bats were captured during this survey. The proposed project area was also surveyed for abandoned mine portals that could support summer or winter colonies of the endangered Virginia big-eared bat or provide hibernaculum for the Indiana bat. No abandoned mine portals were found within the proposed project area. Based on these facts, the WVDEP, in a letter dated November 26, 2007, has determined the proposed project is not likely to adversely affect endangered or threatened species or their critical habitat. This public notice serves as a request to the USFWS for any additional information they may have on whether any listed or proposed to be listed endangered or threatened species may be present in the ESA Species Act of 1972 (as amended).

PUBLIC INTEREST REVIEW AND COMMENT: Any person who has an interest that may be adversely affected by the issuance of a permit may request a public hearing. The request must be submitted in writing to the District Engineer on or before the expiration date of this notice and must clearly set forth the interest, which may be adversely affected, and the manner in which the interest may be adversely affected by the activity. This application will be reviewed in accordance with 33 CFR 320-332, the Regulatory Program of the USACE, and other pertinent laws, regulations, and executive orders. Our evaluation will also follow the guidelines published by the United States Environmental Protection Agency pursuant to Section 404(b)(1) of the CWA. Interested parties are invited to state any objections they may have to the proposed work. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit that reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors that may be relevant to the proposal will be considered including the cumulative effects thereof; of those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people. Written statements on these factors received in this office on or before the expiration date of this public notice will become a part of the record and will be considered in the final determination. A permit will be granted unless its issuance is found to be contrary to the public interest.

SOLICITATION OF COMMENTS: The USACE is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. For accuracy and completeness of the administrative record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition. Any comments received will be considered by the USACE to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

CLOSE OF COMMENT PERIOD: All comments pertaining to this Public Notice must reach this office on or before the close of the comment period listed on page one of this Public Notice. If no comments are received by that date, it will be considered that there are no objections. Comments and requests for additional information should be submitted to Mrs. Teresa Spagna, Project Manager, South Regulatory Section, CELRH-OR-FS, USACE Huntington District, 502 Eighth Street, Huntington, West Virginia 25701-2070. Please note names and addresses of those who submit comments in response to this public notice become part of our administrative record and, as such, are available to the public under provisions of the Freedom of Information Act. Thank you for your interest in our nation's water resources. If you have any questions concerning the above, please contact Mrs. Teresa Spagna of the South Regulatory Section at (304) 399-5710.



Ginger Mullins, Chief
Regulatory Branch

(W)

**PROJECT INFORMATION
TABLE VI-B-1**

Name of Applicant: ALEX ENERGY, INC.

Project or Facility Name: FEDERAL SURFACE MINE

County(ies): NICHOLAS

Description of Location: 2.4 MILES NORTHWEST OF
DRENNEN

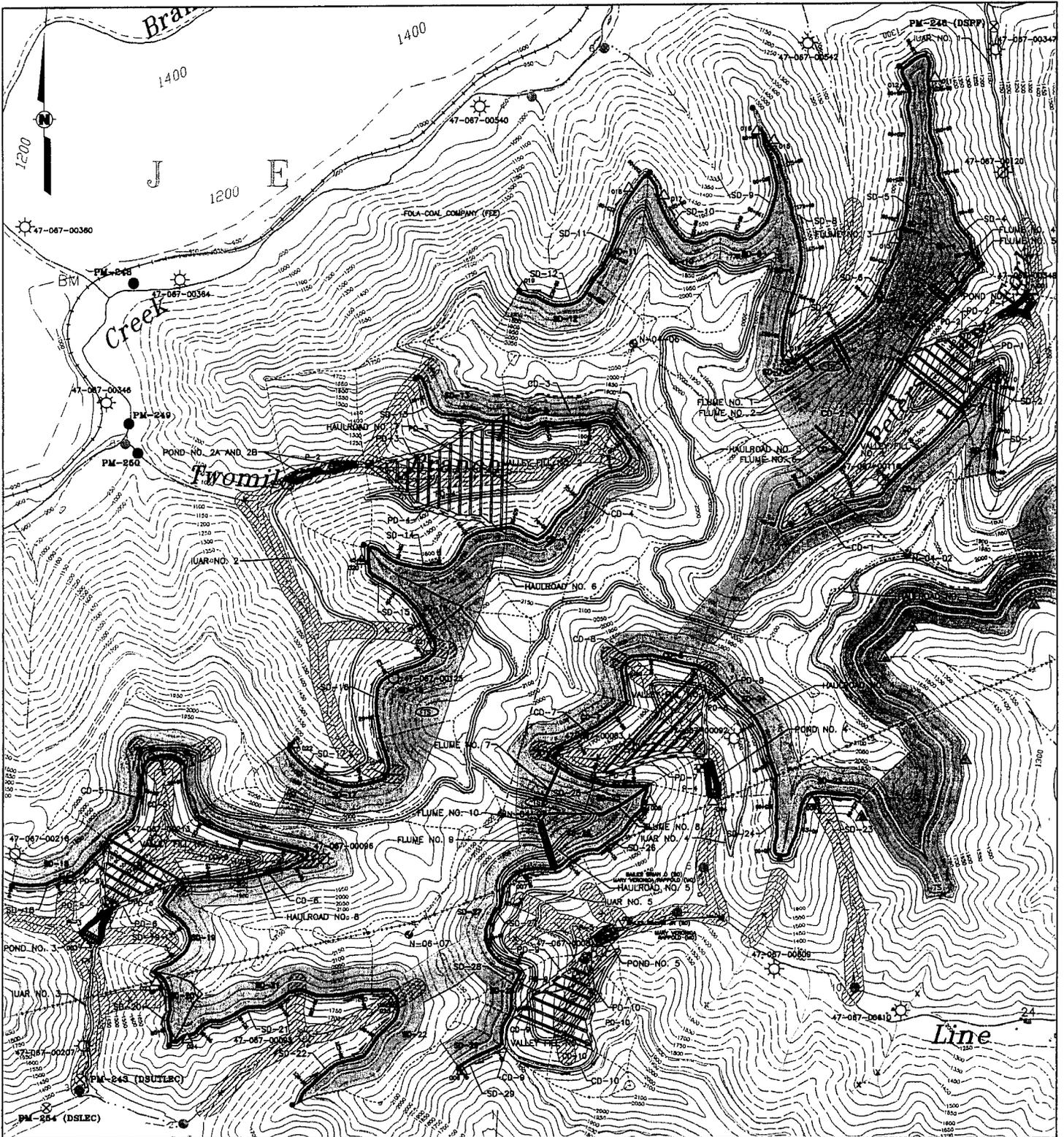
Nearest Township: DRENNEN

Name of Stream or Stream Section	Permanent Impact				Temporary Impact			
	Intermittent		Ephemeral		Intermittent		Ephemeral	
	Length	Acreage	Length	Acreage	Length	Acreage	Length	Acreage
CHANNEL C (Valley Fill No. 5)	180	0.001	40	0.001				
CHANNEL D (Valley Fill No. 4)	700	0.076	682	0.052				
CHANNEL F (Valley Fill No. 4)	215	0.014	470	0.028				
CHANNEL F-1 (Valley Fill No. 4)			280	0.025				
CHANNEL G (Mined Through)			295	0.023				
CHANNEL G-1 (Mined Through)	140	0.004						
CHANNEL H (Mined Through)	30	0.0023	80	0.002				
LEFT FORK OF LINE CREEK (Pond No. 5, Fill 5)	1035	0.466	265	0.153	400	0.13		
CHANNEL PF (Valley Fill No. 1)	3205	0.538			690	0.109		
CHANNEL TM-1 (Mined Through and Road)			140	0.015			40	0.001
CHANNEL TM-1A (Mined Through and Road)			158	0.016			40	0.001
TM-2 (Valley Fill No. 2, Pond No. 2)	2120	0.337	960	0.071	950	0.164		
TM-2D (Pond No. 2 Mined Through)	190	0.022			40	0.001		
TM-2F (Mined Through)			575	0.059				
TM-3 (Pond No. 3)					140	0.017		
RIGHT FORK OF LINE CREEK (Valley Fill No. 4)	1485	0.208	700	0.073	380	0.075		
CHANNEL V (Valley Fill No. 3)	2305	0.314	435	0.055	400	0.061		
CHANNEL V3 (Mined Through)	8	0.0001						
CHANNEL V4 (Valley Fill No. 3)	1490	0.161	10	0.0001				
CHANNEL V4A (Valley Fill No. 3)	630	0.035	20	0.0003				
CHANNEL V5 (Valley Fill No. 3)	284	0.025						
CHANNEL V6 (Valley Fill No. 3)	484	0.037						
CHANNEL PF-1 (Pond 1 and Crossing)	110	0.012						
CROSSING B-1 (Road Crossings)					40	0.0047		
CROSSING B-2 (Road Crossing)					50	0.008		
CROSSING B-3 (Road Crossing)					30	0.0032		
CROSSING B1-1 (Road Crossing)					40	0.0039		
CROSSING B1-2 (Road Crossing)					50	0.003		
CROSSING V1-1 (Road Crossing)					50	0.0145		
CROSSING V1-2 (Road Crossing)					80	0.0129		
CROSSING V2-1 (Road Crossing)					40	0.0055		
CROSSING TM-1- (Road Crossing)							50	0.0033
CROSSING TM-1A- (Road Crossing)					35	0.0025		
CROSSING HARDWAY (Road Crossing)					40	0.0129		
CROSSING PF-1 (Road Crossing)					60	0.0022		
Cumulative Total Stream Impact	14611	2.2524	5110	0.5734	3515	0.6303	130	0.0053

PROJECT INFORMATION

TABLE Pond Table

County(ies): NICHOLAS	Project or Facility Name: FEDERAL			
Nearest Township: DRENNAN	Discription of Location: 2.4 MILES NORTHWEST OF DRENNAN WEST VIRGINIA			
	Temporary Impacts			
Pond Impacts	Intermittent		Ephemeral	
	Length	Acerage	Length	Acerage
FILL NO. 1 CHANNEL PF DOWN	210	0.027		
Embankment	88	0.001		
Pool	122	0.026		
Sediment Transport Area	N/A	N/A		
Y FILL NO. 1 CHANNEL PF UPST	480	0.051		
Embankment	N/A	N/A		
Pool	110	0.012		
Sediment Transport Area	370	0.039		
ALLEY FILL NO. 1 CHANNEL PF-	110	0.012		
Embankment	110	0.012		
Pool	N/A	N/A		
Sediment Transport Area	N/A	N/A		
FILL NO. 2 CHANNEL TM-2 LOWE	442	0.09		
Embankment	70	0.03		
Pool	338	0.053		
Sediment Transport Area	34	0.007		
FILL NO. 2 CHANNEL TM-2 UPPE	508	0.09		
Embankment	122	0.023		
Pool	252	0.037		
Sediment Transport Area	134	0.03		
VALLEY FILL NO. 3 CHANNEL V	400	0.075		
Embankment	82	0.023		
Pool	289	0.047		
Sediment Transport Area	29	0.005		
FILL NO. 4 RIGHT FORK OF LINE	380	0.079		
Embankment	36	0.013		
Pool	309	0.059		
Sediment Transport Area	35	0.007		
FILL NO. 5 LEFT FORK OF LINE	400	0.16		
Embankment	90	0.05		
Pool	254	0.08		
Sediment Transport Area	56	0.03		
ALLEY FILL NO. 3 CHANNEL TM-	140	0.017		
Embankment	140	0.017		
Pool	N/A	N/A		
Sediment Transport Area	N/A	N/A		
VALLEY FILL NO. 5 CHANNEL B	65	0.007		
Embankment	65	0.007		
Pool	N/A	N/A		
Sediment Transport Area	N/A	N/A		
Cumulative Total Pond Impacts	2620	0.55		



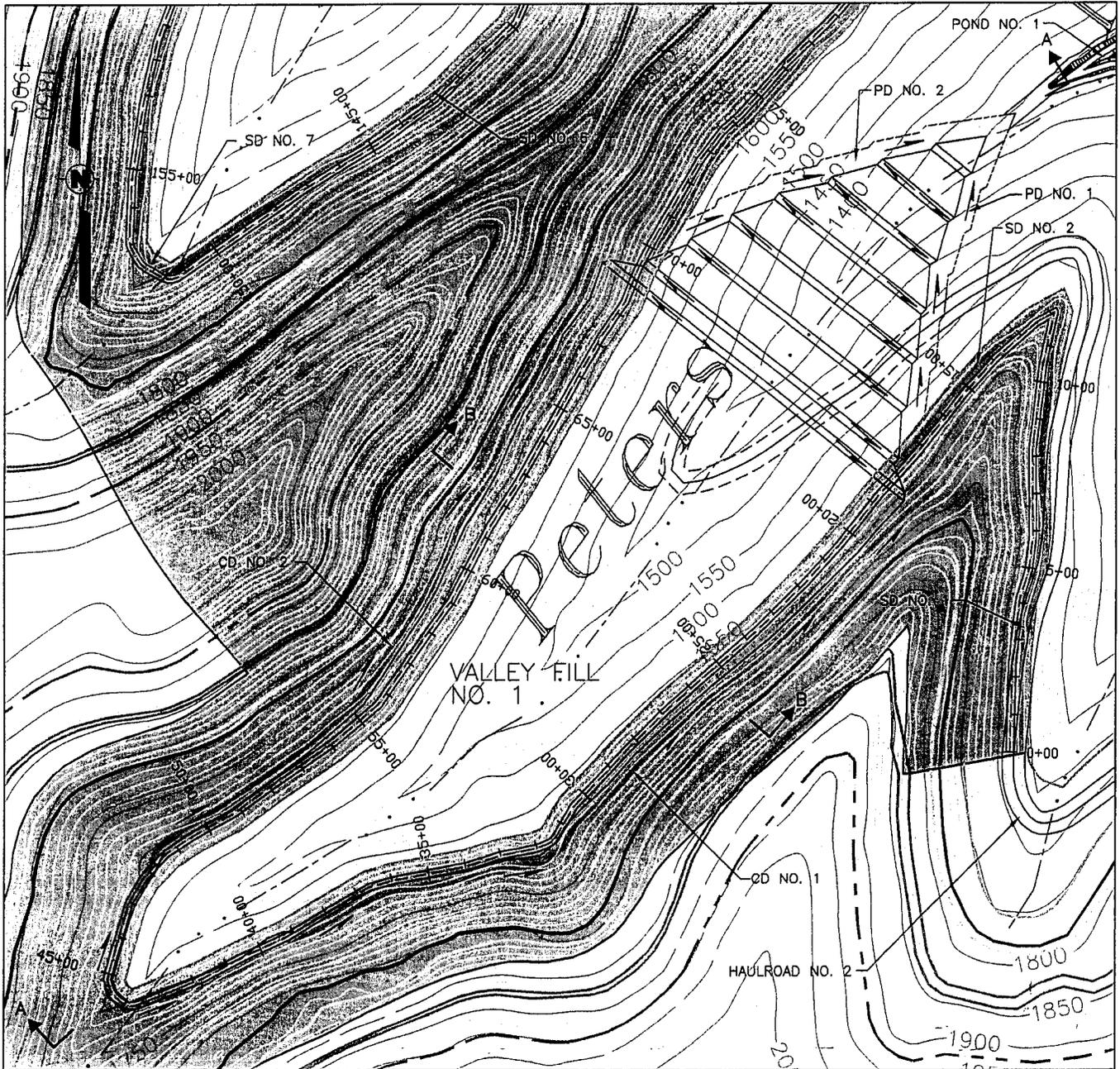
Alliance Consulting, Inc.
 Engineers
 Constructors
 Scientists

BECKLEY, WV
 (304) 255-0491
 HOUSTON, PA
 (724) 503-7242

SMA NO. 3011-07 NPDES NO. WV1022296
DRAINAGE/PROPOSAL MAP
 FEDERAL SURFACE MINE
 JEFFERSON DISTRICT-NICHOLAS COUNTY, W.V.
 PREPARED FOR
 ALEX ENERGY, INC.
 SUMMERSVILLE, NICHOLAS COUNTY, WEST VIRGINIA

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APPROVED BY		
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B06-170-A21		

1 of 11



CROPS	
	KITTANNING
	FIVE BLOCK
	CLARION
	STOCKTON A
	STOCKTON
	COALBURG
	WINIFREDE

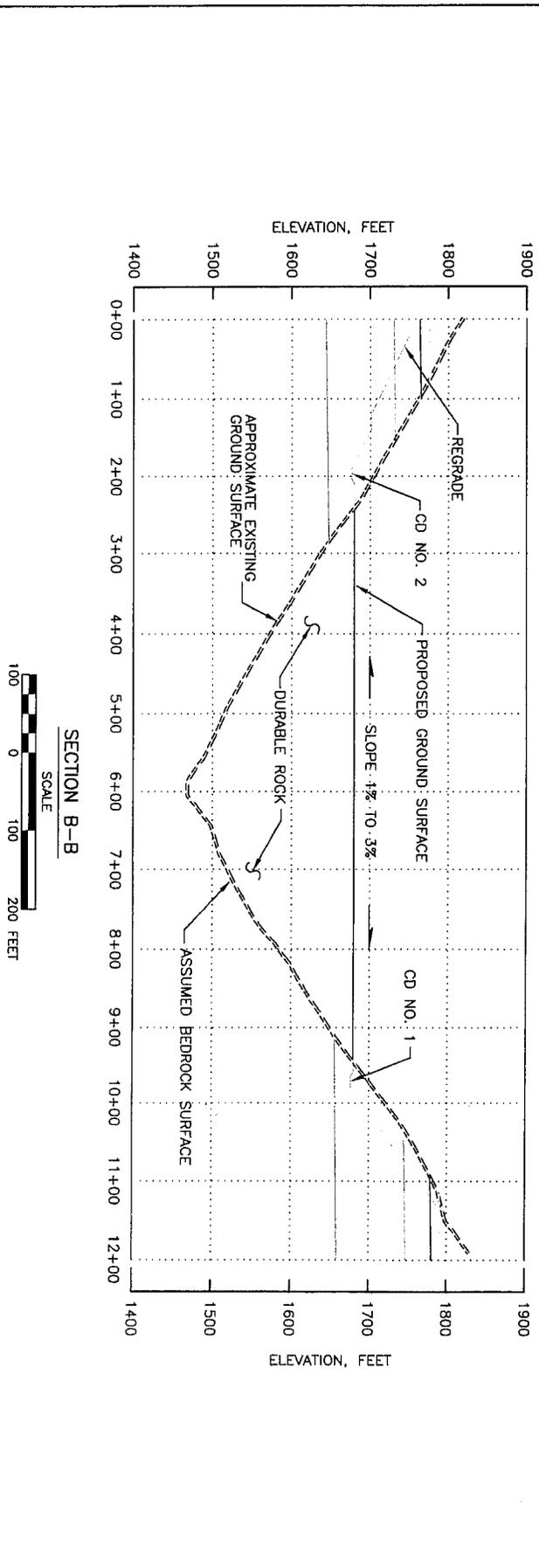
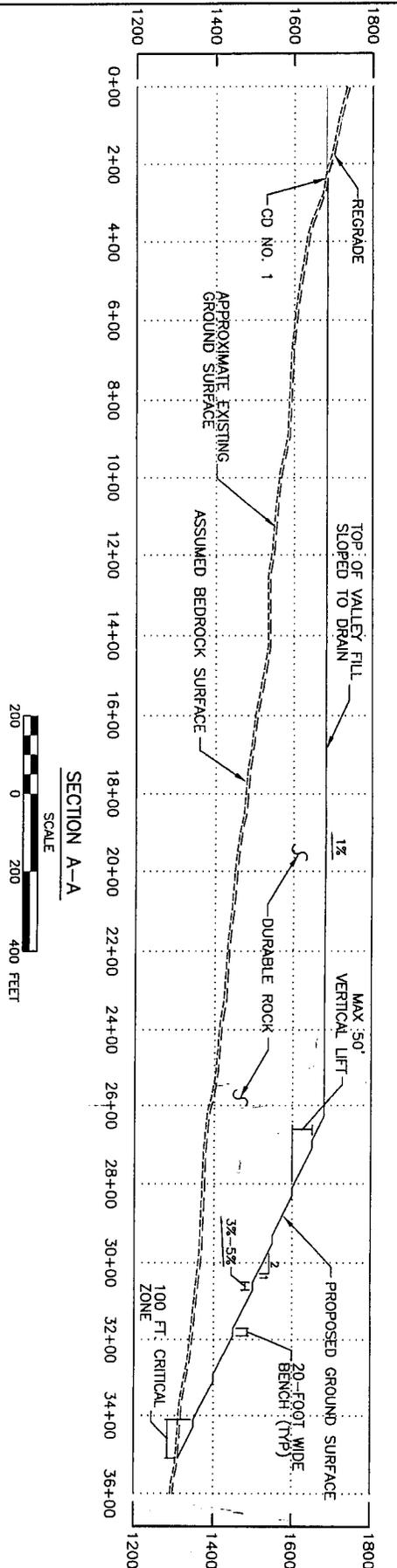
Alliance Consulting, Inc.
 Engineers
 Constructors
 Scientists

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 HOUSTON, PA
 (724) 503-7242

SMA NO. 3011-07 NPDES NO. WV1022296
VALLEY FILL NO. 1 - PLAN VIEW
 FEDERAL SURFACE MINE
 JEFFERSON DISTRICT-NICHOLAS COUNTY, W.V.
 PREPARED FOR
 ALEX ENERGY, INC.
 SUMMERSVILLE, NICHOLAS COUNTY, WEST VIRGINIA

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B06-170-A12		

2 of 11



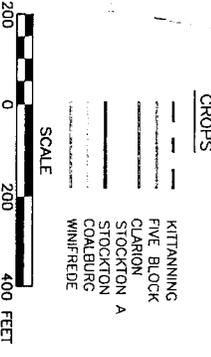
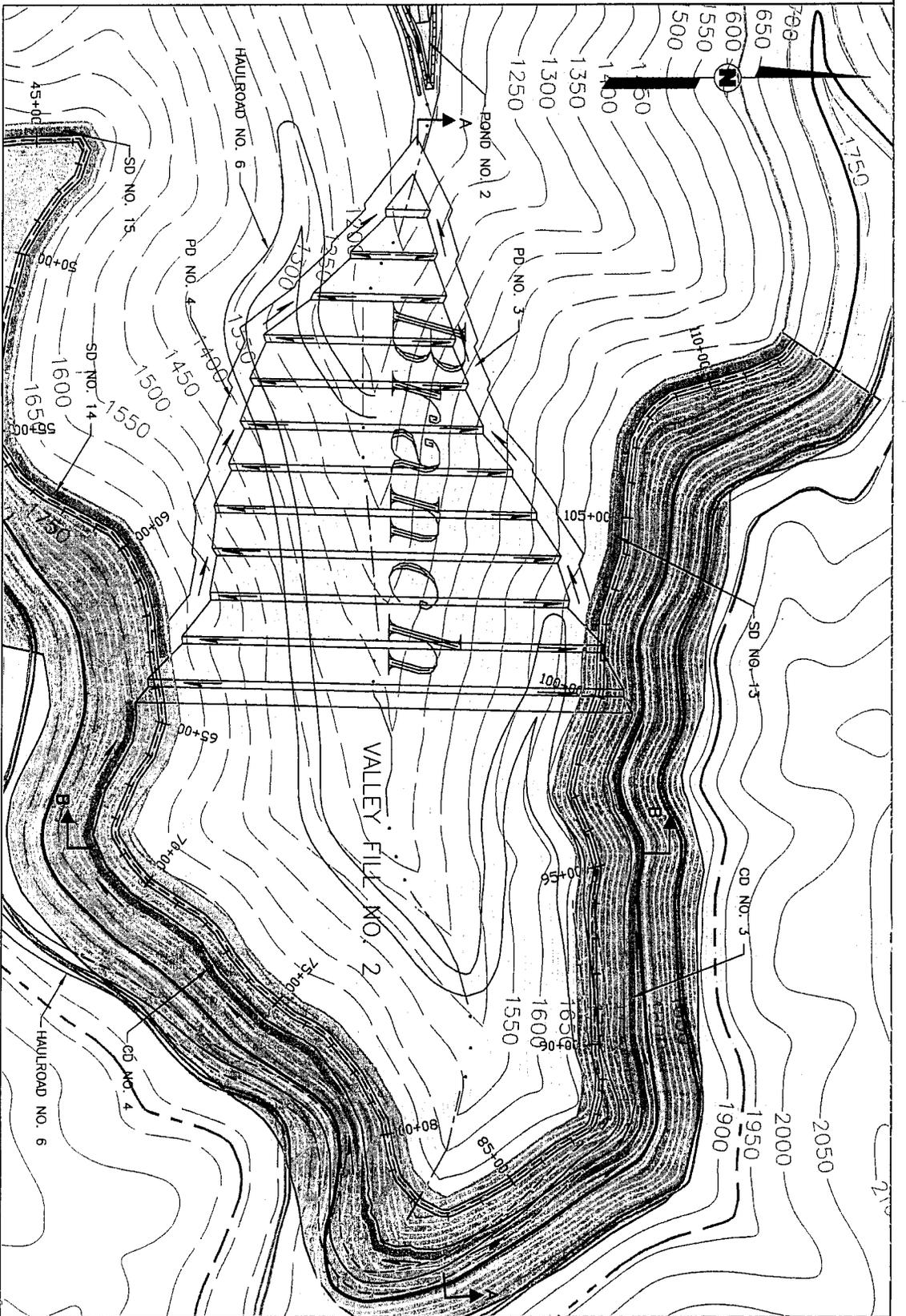
- CROPS**
- KITTANNING
 - FIVE BLOCK
 - CLARION
 - STOCKTON A
 - STOCKTON
 - COALBURG
 - WINFREDE

Alliance Consulting, Inc.
 Engineers
 Constructors
 Scientists

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 (724) 503-7242

SMA NO. 3011-07 NPDES NO. WV1022296
VALLEY FILL NO. 1 - SECTIONS
 FEDERAL SURFACE MINE
 JEFFERSON DISTRICT-NICHOLAS COUNTY, W.V.
 PREPARED FOR
 ALEX ENERGY, INC.
 SUMMERSVILLE, NICHOLAS COUNTY, WEST VIRGINIA

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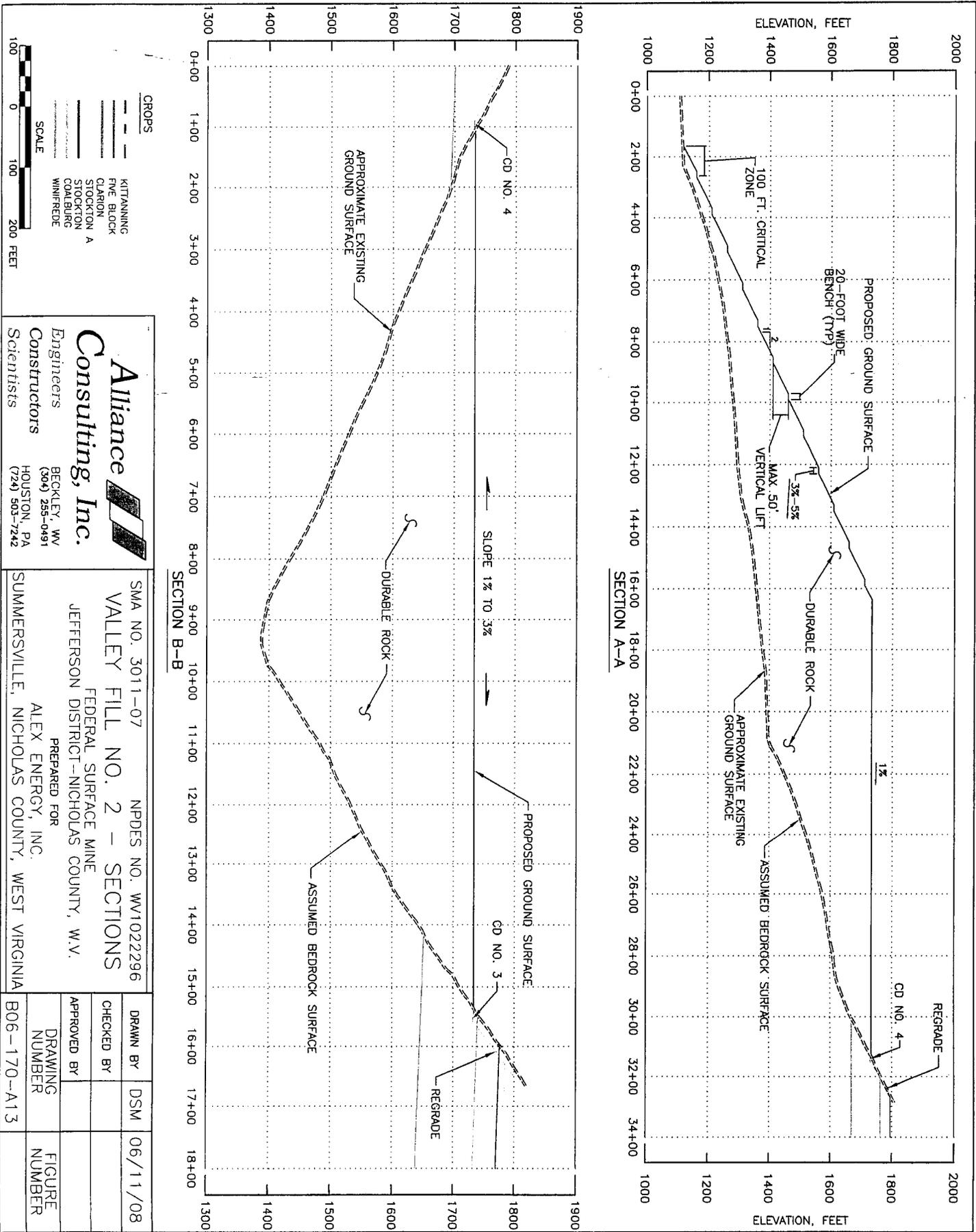
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 (304) 255-0491

HOUSTON, PA
 (724) 503-7242

SMA NO. 3011-07 NPDES NO. WV1022296
 VALLEY FILL NO. 2 - PLAN VIEW
 FEDERAL SURFACE MINE
 JEFFERSON DISTRICT-NICHOLAS COUNTY, W.V.
 PREPARED FOR
 ALEX ENERGY, INC.
 SUMMERSVILLE, NICHOLAS COUNTY, WEST VIRGINIA

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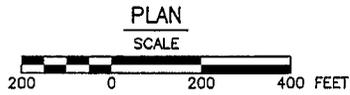
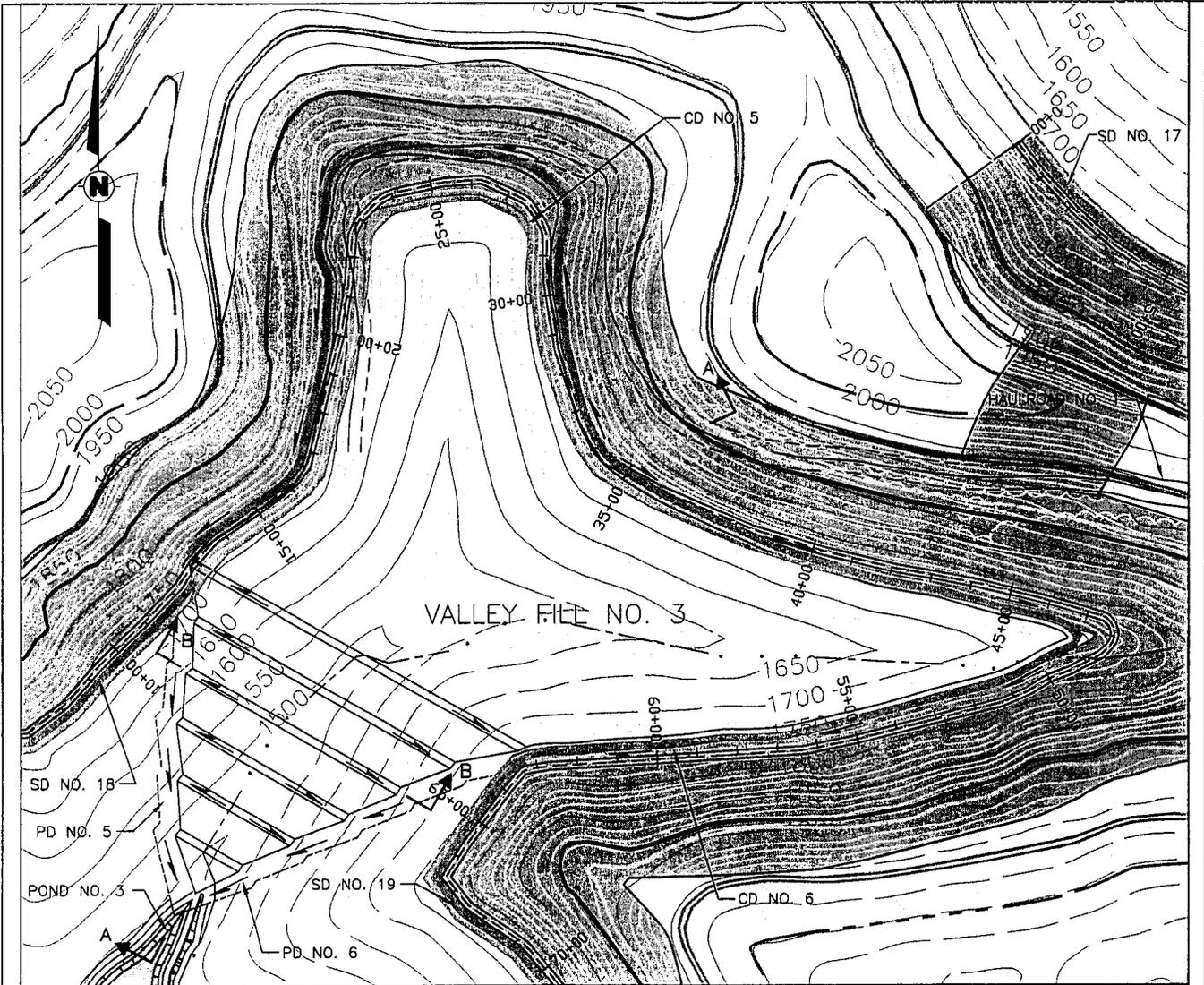
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 Engineers Constructors Scientists
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 HOUSTON, PA (724) 503-7242

SMA NO. 3011-07 NPDES NO. WV1022296
VALLEY FILL NO. 2 - SECTIONS
 FEDERAL SURFACE MINE
 JEFFERSON DISTRICT-NICHOLAS COUNTY, W.V.
 PREPARED FOR
 ALEX ENERGY, INC.
 SUMMERSVILLE, NICHOLAS COUNTY, WEST VIRGINIA

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APPROVED BY		
DRAWING NUMBER	B06-170-A13	
FIGURE NUMBER		



CROPS

- KITTANNING
- ==== FIVE BLOCK
- CLARION
- STOCKTON A
- STOCKTON
- COALBURG
- WINIFREDE

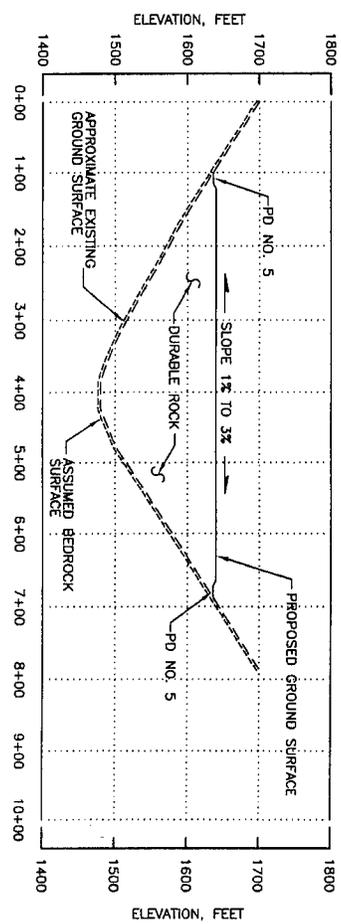
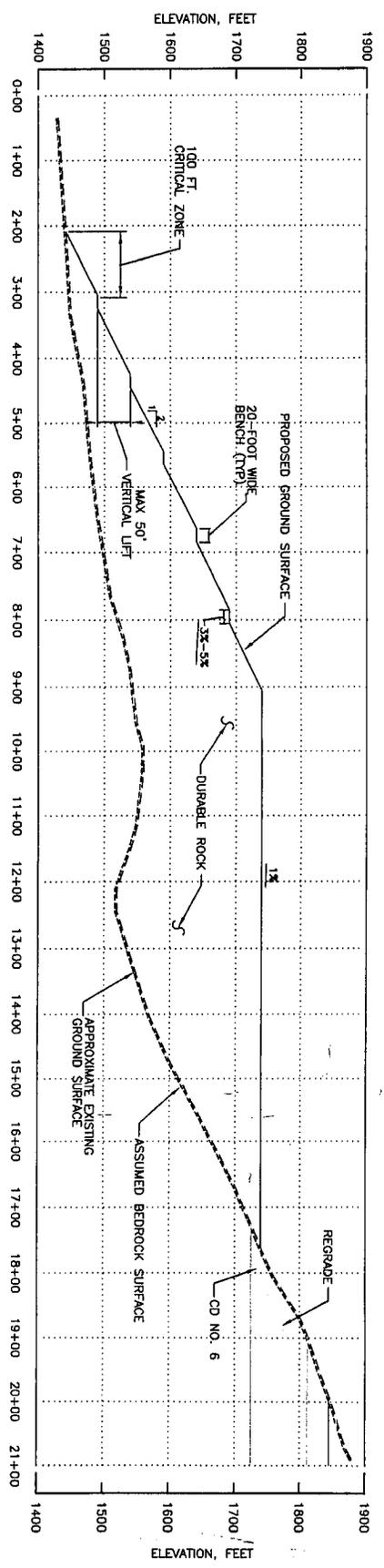
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VALLEY FILL NO. 3 - PLAN VIEW
 FEDERAL SURFACE MINE
 JEFFERSON DISTRICT-NICHOLAS COUNTY, W.V.
 PREPARED FOR
 ALEX ENERGY, INC.
 SUMMERSVILLE, NICHOLAS COUNTY, WEST VIRGINIA

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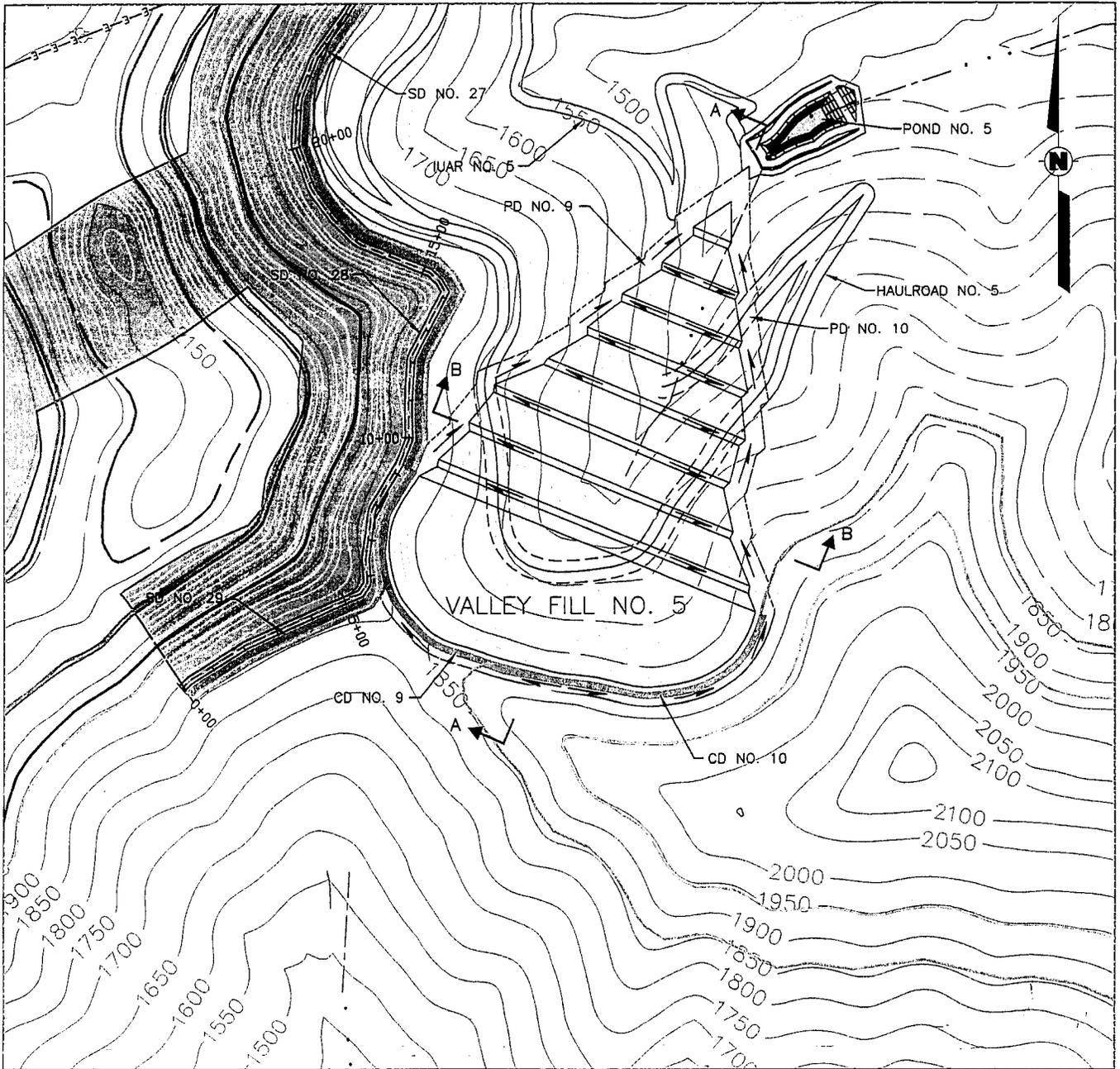
- CROPS**
- KITTANNING
 - FIVE BLOCK
 - CLARION
 - STOCKTON A
 - STOCKTON
 - COALBURG
 - WINIFREDE

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- CROPS**
- KITTANNING
 - FIVE BLOCK
 - CLARION
 - STOCKTON A
 - STOCKTON
 - COALBURG
 - WINIFREDE



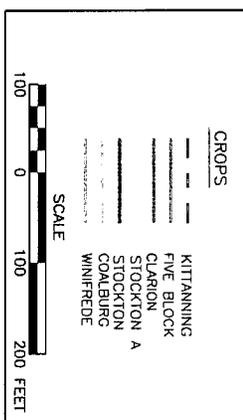
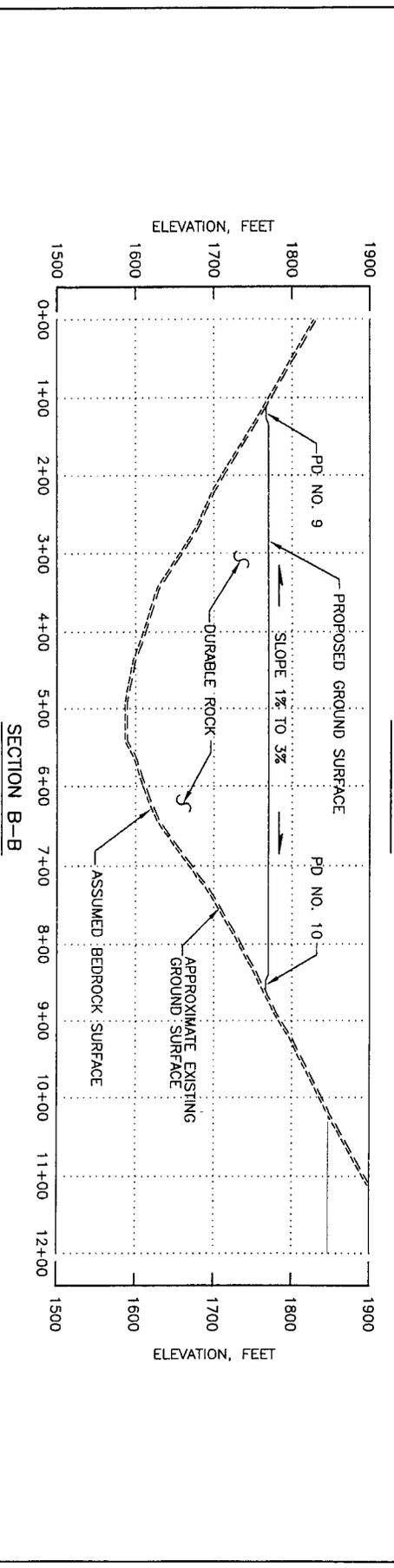
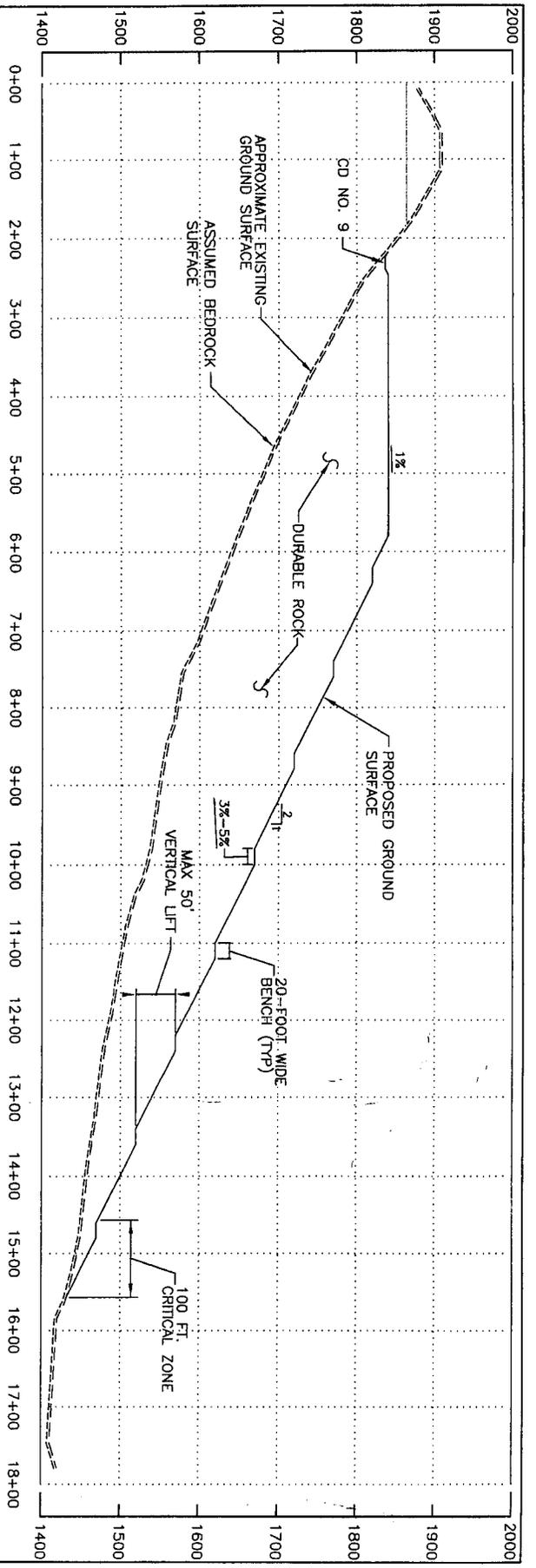
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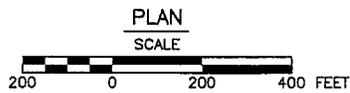
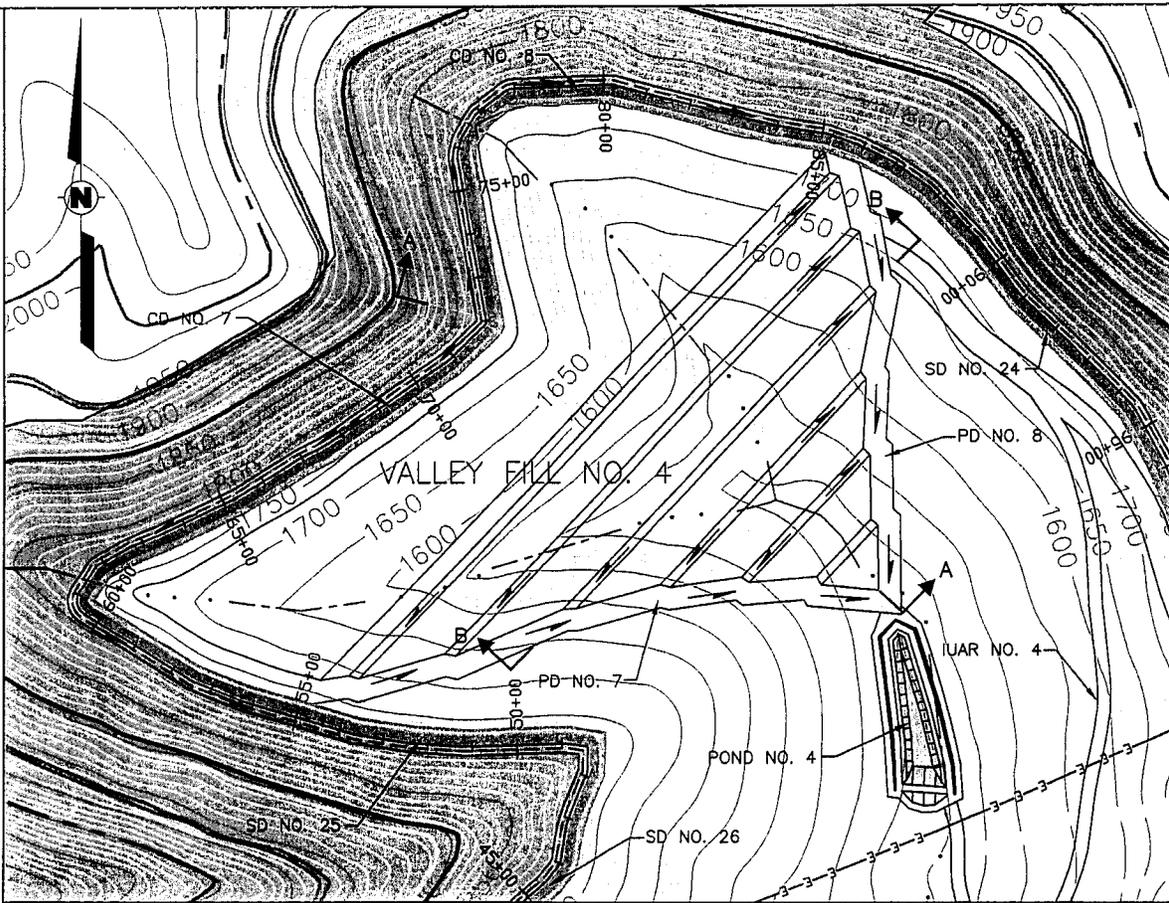
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VALLEY FILL NO. 5 - SECTIONS

FEDERAL SURFACE MINE
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FIGURE NUMBER			



- CROPS**
- KITTANNING
 - ==== FIVE BLOCK
 - ==== CLARION
 - ==== STOCKTON A
 - ==== STOCKTON
 - ==== COALBURG
 - ==== WINIFREDE

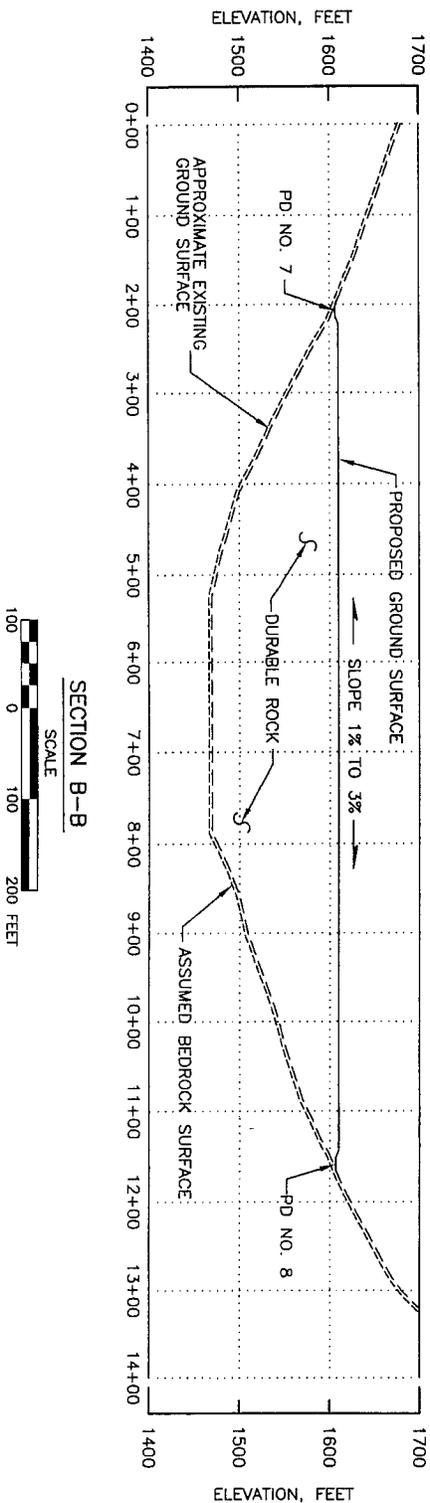
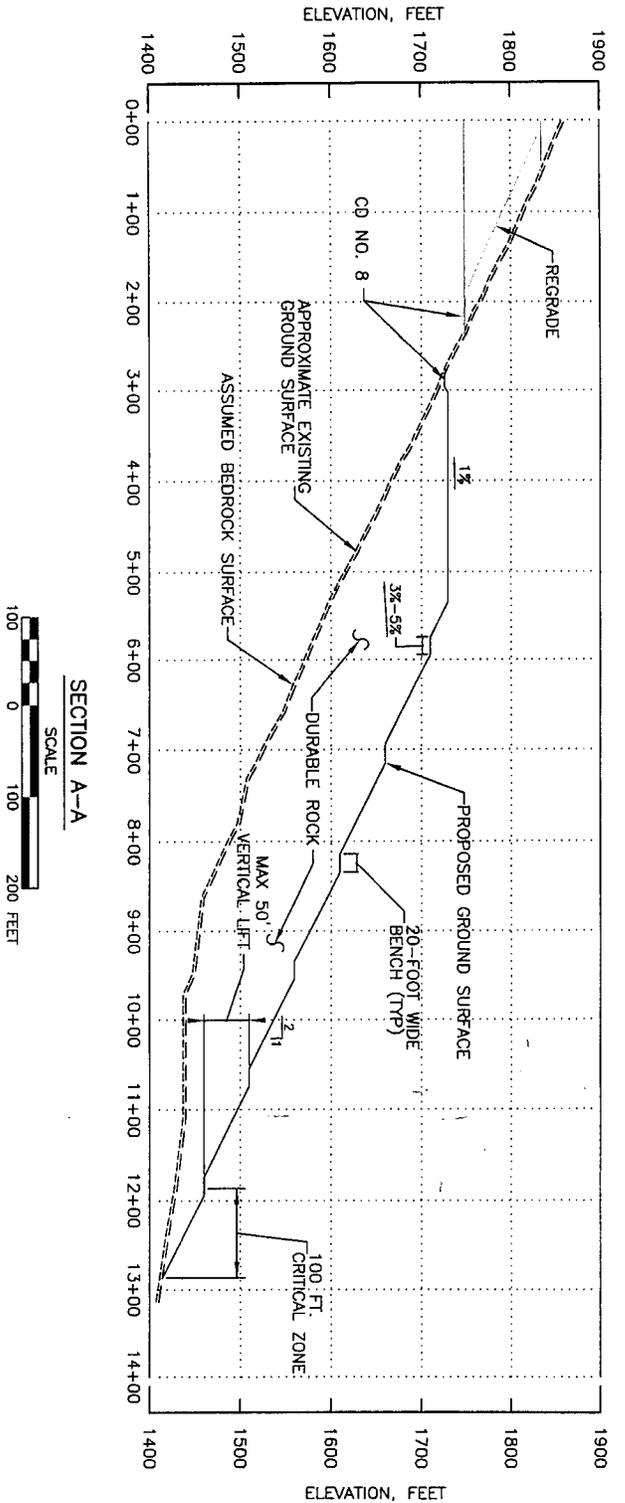
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- CROPS
- KITTANNING
 - FIVE BLOCK
 - CLARION
 - STOCKTON A
 - STOCKTON
 - COALBURG
 - WINIFERDE

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