

Public Notice

U S Army Corps
of Engineers
Huntington District

In reply refer to Public Notice No. 200301379

Issuance Date:
August 29, 2005

Stream: Unnamed Tributary Mud River

Closing Date:
September 28, 2005

Please address all comments and inquiries to:

U.S. Army Corps 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 U.S. Army Corps of Engineers (Corps) 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 Corps Regulatory Program.

SECTION 10: The Corps 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 (U.S.). The intent of this law is to protect the navigable capacity of waters important to interstate commerce.

SECTION 404: The Corps 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 Corps' request to the West Virginia Department of Environmental Protection to act on Section 401 Water Quality Certification for the following application.

APPLICANT: Hobet Mining, Inc.
P.O. Box 305
US Route 119 South, Shafer Road Exit
Madison, West Virginia 25130

LOCATION: The proposed project is located in the Scott and Washington Districts of Boone County and in the Jefferson District of Lincoln County approximately 5.2 miles northwest of the community of Danville, West Virginia. The proposed project would result in disturbances to nine unnamed tributaries of Mud River, four unnamed tributaries of Sugartree Branch, and four unnamed tributaries of Berry Branch. The unnamed tributaries of Mud River exhibit surface water connections to Mud River. The unnamed tributaries of Berry Branch exhibit surface water connections to Berry Branch. The unnamed tributaries of Sugartree Branch exhibit surface water connections to Sugartree Branch. Berry Branch and Sugartree Branch flow into Mud River which ultimately flows into the Guyandot River, a navigable (Section 10) water of United States.

DESCRIPTION OF THE PROPOSED WORK: The applicant proposes to place fill material into approximately 33,026 linear feet (4.96 acres) waters of the U.S. in conjunction with the construction, operation and reclamation of the Westridge No. 3 (S-5002-03, Incidental Boundary Revision 1) and Sugartree (S-5016-92, Amendment 2) Surface Mines. These two surface mines share contiguous boundaries, are interdependent, and depend upon each other for their justification. Therefore, these two surface mines are considered a single and complete project. The proposed activities associated with the Westridge No. 3 Surface Mine were originally advertised by Public Notice Number 200301379, issued by this office on December 23, 2003. The applicant has since revised the configuration of their proposed mine plan to delete and add acreage. Approximately 20.25 acres of surface disturbance and mineral extraction area has been deleted above the headwaters of the 1st Right and 2nd Left Unnamed Tributary of Mud River where the originally proposed Valley Fill 1, Road Fill 1, and associated erosion and drainage control structures were to be constructed as a part of the Westridge No. 3 Surface Mine. Approximately 20.25 acres of surface disturbance and mineral extraction area have been added along the ridgeline dividing Boone and Lincoln Counties in the headwaters of Sugartree Branch, Mud River and Berry Branch at the Sugartree Amendment 2 Surface Mine. The overall project would affect nearly 810 acres of land, including 626 acres of mineral extraction area.

Under the revised mine plan, approximately 76 million cubic yards of overburden would be excavated to recover nearly 6 million tons of bituminous coal reserves from the Upper Kittanning, Middle Kittanning, Upper Five Block, Lower Five Block, Upper Stockton, Middle Stockton, Stockton Rider, and Coalburg seams. Nearly 16 million cubic yards of the generated overburden would be considered excess as determined by the procedures outlined in the WVDEP AOC Guidance Document (AOC+) and would be placed in the proposed eight valley fill disposal sites while nearly 5 million cubic yards would be placed on the backstack of the mined areas. Prior to constructing the proposed valley fills, drainage control structures would be constructed downstream of the proposed valley fill toes. These drainage control structures (Pond 1, 3, A2-1, A2-3, A2-3, A2-2 and A2-4) would result in temporary discharge of dredged and fill material into 2,482 linear feet or 0.551 acre of intermittent streams. Adverse impacts associated with drainage control construction would be temporary in nature. The construction of the proposed eight valley fills (1, 2, 3B, 3A, A2-3, A2-2, A2-1, A2-4) would result in the permanent discharge of dredged and fill material into 23,638 linear feet (3.8 acres) of intermittent streams and 6,906 linear feet (0.609 acre) of ephemeral streams for a total permanent stream impact of 30,544 linear feet (4.4 acres). Adverse impacts associated with valley fill construction would be permanent in nature.

Table A of this public notice details the proposed mining activities and corresponding information with respect to the proposed impact locations and adverse impacts to waters of the U.S. (linear feet / acreage). The proposed valley fills watershed drainages range from 28.92 acres from 290.98 acres. Approximately 7,200.86 cubic yards of unspecified, non-toxic, durable material would be permanently discharged within the Corps' regulatory jurisdiction and an additional 799.95 cubic yards would be placed in the channels temporarily impacted by sediment pond construction.

The applicant's Surface Mining Permit applications for S-5002-03, Incidental Boundary Revision 1 and S-5016-92, Amendment 2 are currently under review by the WVDEP pursuant to the Surface Mining Control and Reclamation Act of 1977. The proposed project would be accomplished in 5 general phases over a period of 4 years. Details regarding the phases can be found in Section N of the applicant's Surface Mining Application on file at the WVDEP. According to the applicant, the purpose of the project is to recover bituminous coal from the above mentioned coal seams. Plans for the proposed project 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 applicant's goal. No permit will be issued until our review of the alternative analysis clearly shows that upland alternatives are not available to achieve the applicant's goal.

MITIGATION PLAN: The applicant has submitted a compensatory mitigation plan (CMP) to compensate for permanent and temporary impacts to waters of the U.S. regulated by the Department of the Army, Corps of Engineers. To compensate for permanent impacts to waters of the U.S., the applicant proposes to: enhance off-site approximately 3,800 linear feet (2.027 acres) in the Mud River; establish off-site 4,500 linear feet (1.44 acres) of ephemeral streams; and, reestablish and restore on-site 2,482 linear feet (0.551 acre) of intermittent streams. Natural stream design techniques would be utilized in the design of the mitigation streams. A 50-foot vegetated riparian zone would be established along each mitigation channel using native grasses, shrubs and trees.

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 West Virginia Department of Environmental Protection.

HISTORIC AND CULTURAL RESOURCES: The National Register of Historic Places (NRHP) has been consulted and it has been determined there are no properties currently listed on the register that are in the area affected by the project. A copy of this public notice will be sent to the SHPO for their review. Comments concerning archeological sensitivity of a project area should be based upon collected data.

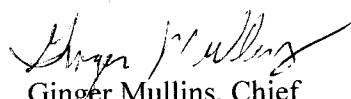
ENDANGERED/THREATENED SPECIES REVIEW: The Huntington District has consulted the most recently available information and has determined two federally listed endangered species, the Indiana bat (*Myotis sodalis*) and Virginia big-eared bat (*Corynorhinus townsendii virginianus*) may occur within the proposed project area. The applicant retained consultant services to conduct a bat mist net survey on the Sugartree Amendment 2 Surface Mine and Westridge No. 3 Surface Mine respectively to determine presence or probable absence of the Indiana bat. No Indiana bats were captured during these survey efforts. The survey report completed for the Sugartree Amendment 2 Surface mine indicated no abandoned mine portals or openings are present in the proposed project area that could support summer or winter colonies of the endangered Virginia big-eared bat or provide hibernaculum for the Indiana bat. As per a letter dated March 8, 2004, the U.S. Fish and

Wildlife Service (USFWS), West Virginia Field Office concurred with the applicant's findings that there were no open mine portals within the Westridge No. 3 Surface Mine project area. Therefore, the USACE has determined the proposed project is not likely to adversely affect endangered species. 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 area that would be affected by the activity, pursuant to Section 7(c) of the Endangered 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 320-331, the Regulatory Program of the U. S. Army Corps of Engineers (USACE), and other pertinent laws, regulations, and executive orders. Our evaluation will also follow the guidelines published by the U. S. 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 Corps of Engineers 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 Corps of Engineers 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, U. S. Army Corps of Engineers 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 may be made publicly available. Thank you for your interest in our nation's water resources. If you have any questions concerning this public notice, please call Mrs. Teresa Spagna of the South Regulatory Section at 304-399-5710.



Ginger Mullins, Chief
Regulatory Branch

(W)

Table A
Summary of Adverse Permanent and Temporary Impacts to
Waters of the United States

Proposed Activity/Location	Permanent Impact						Temporary Impact	
	Intermittent Stream		Ephemeral Stream		Total Permanent Stream Impact		Intermittent Stream	
	Length	Acreage	Length	Acreage	Length	Acreage	Length	Acreage
Valley Fill 1, Mine Through Area, and Pond 1 1 st Right (Unnamed Tributary) of Mud River below Connelly Branch	1,169	0.170	2,444	0.286	3,613	0.456	309	0.034
Valley Fill 1 and Mine Through Area Unnamed Tributary of 1 st Right (Unnamed Tributary) of Mud River below Connelly Branch	0	0	1,100	0.086	1,100	0.086	0	0
Valley Fill 2, Mine Through Area and Pond 2 1 st Left (Unnamed Tributary) of Mud River above Connelly Branch	2,159	0.226	179	0.009	2,338	0.235	335	0.108
Mine Through Area 2 nd Left (Unnamed Tributary) of Mud River above Connelly Branch	1,521	0.128	248	0.011	1,769	0.139	0	0
Valley Fill 3B, Mine Through Area and Pond 3B 3 rd Left (Unnamed Tributary) of Mud River above Connelly Branch	2,780	0.351	730	0.025	3,510	0.3769	517	0.099
Mine Through Area 1 st Left (Unnamed Tributary) of 3 rd Left (Unnamed Tributary) of Mud River above Connelly Branch	516	0.071	860	0.091	1,376	0.162	0	0
Valley Fill 3A, Mine Through Area and Pond 3 2 nd Left (Unnamed Tributary) of 3 rd Left (Unnamed Tributary) of Mud River above Connelly Branch	799	0.091	16	0.001	815	0.092	110	0.010
Valley Fill 3B and Mine Through Area 3 rd Left (Unnamed Tributary) of 3 rd Left (Unnamed Tributary) of Mud River above Connelly Branch	168	0.009	92	0.003	260	0.012	0	0

Table A-Continued
Summary of Adverse Permanent and Temporary Impacts to
Waters of the United States

Valley Fill 3B and Mine Through Area								
1 st Right (Unnamed Tributary) of 3 rd Left (Unnamed Tributary) of Mud River above Connelly Branch	67	0.007	177	0.009	244	0.016	0	0
Valley Fill A2-1, Mine Through Area and Pond A2-1								
Mainstem Unnamed (Left) Tributary of Sugartree Branch	2,840	0.538	100	0.012	2,940	0.550	415	0.096
Valley Fill 2A-3, Mine Through Area and Pond 2A-3								
2 nd Unnamed (Left) Tributary of Unnamed (Left) Tributary of Sugartree Branch	2,310	0.304	0	0	2,310	0.304	225	0.035
Valley Fill A2-2 and Pond A2-2								
3 rd Unnamed (Left) Tributary of Unnamed (Left) Tributary of Sugartree Branch	362	0.049	470	0.037	832	0.086	125	0.015
Valley Fill A2-1 and Mine Through Area								
4 th Unnamed (Right) Tributary of Unnamed (Left) Tributary of Sugartree Branch	1,100	0.112	0	0	1,100	0.112	0	0
Valley Fill A2-4, Mine Through Area and Pond A2-4								
Mainstem Unnamed Tributary (Right Fork) of Berry Branch	6,117	1.500	0	0	6,117	1.500	446	0.154
Valley Fill A2-4								
1 st Unnamed (Left) Tributary of Unnamed Tributary (Right Fork) of Berry Branch	1,505	0.224	0	0	1,505	0.224	0	0
Valley Fill A2-4 and Mine Through Area								
2 nd Unnamed (Right) Tributary of Unnamed Tributary (Right Fork) of Berry Branch	25	0.002	490	0.039	515	0.041	0	0

Table A-Continued
Summary of Adverse Permanent and Temporary Impacts to
Waters of the United States

Valley Fill A2-4								
3 rd Unnamed (Left) Tributary of Unnamed Tributary (Right Fork) of Berry Branch	200	0.021	0	0	200	0.021	0	0
Cumulative Total Impact	23,638	3.803	6,906	0.609	30,544	4.412	2,482	0.551

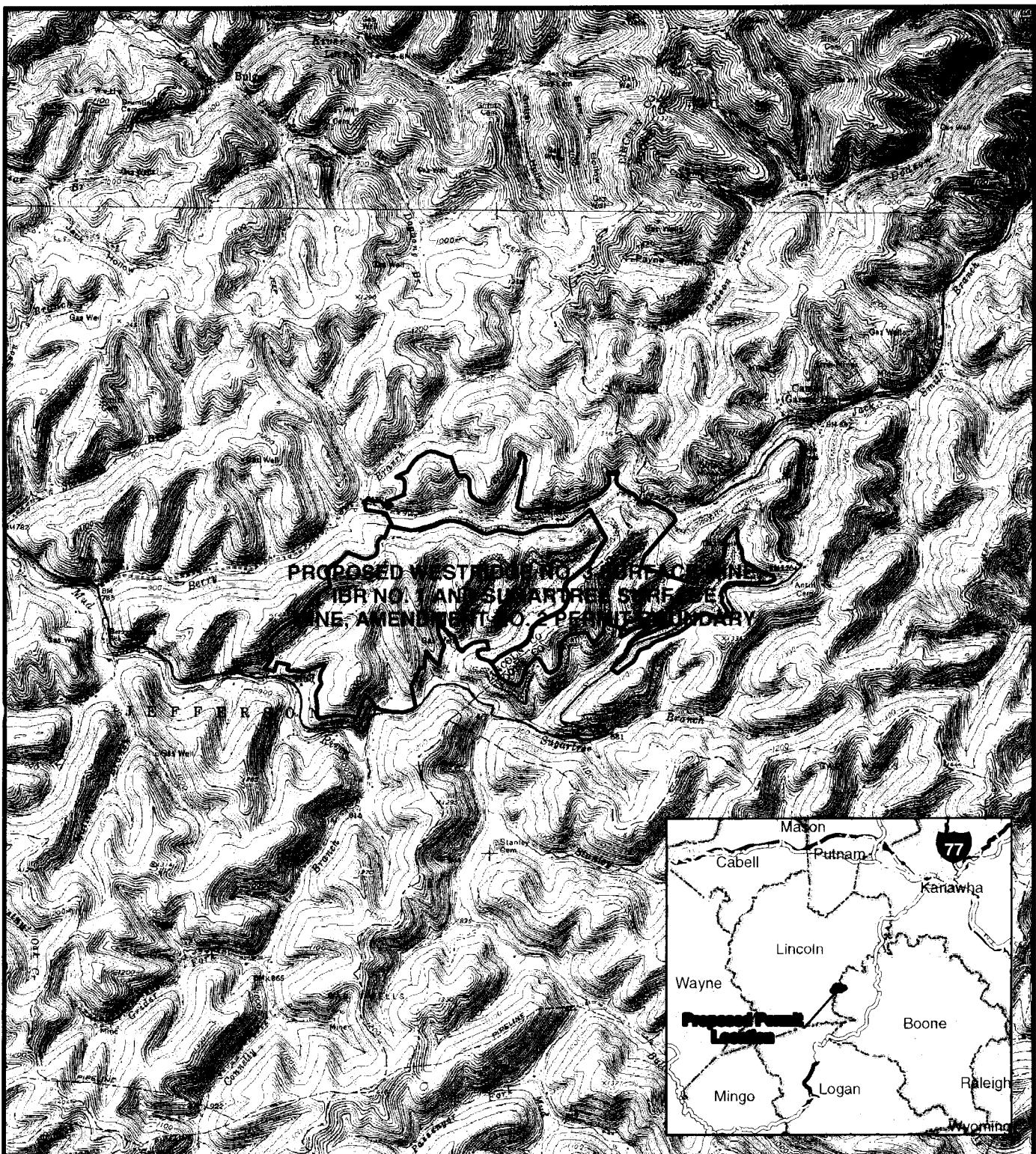
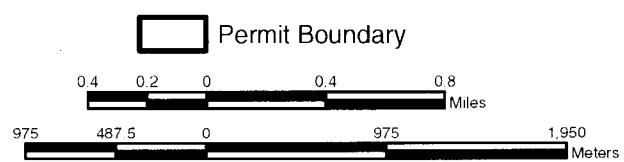
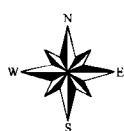
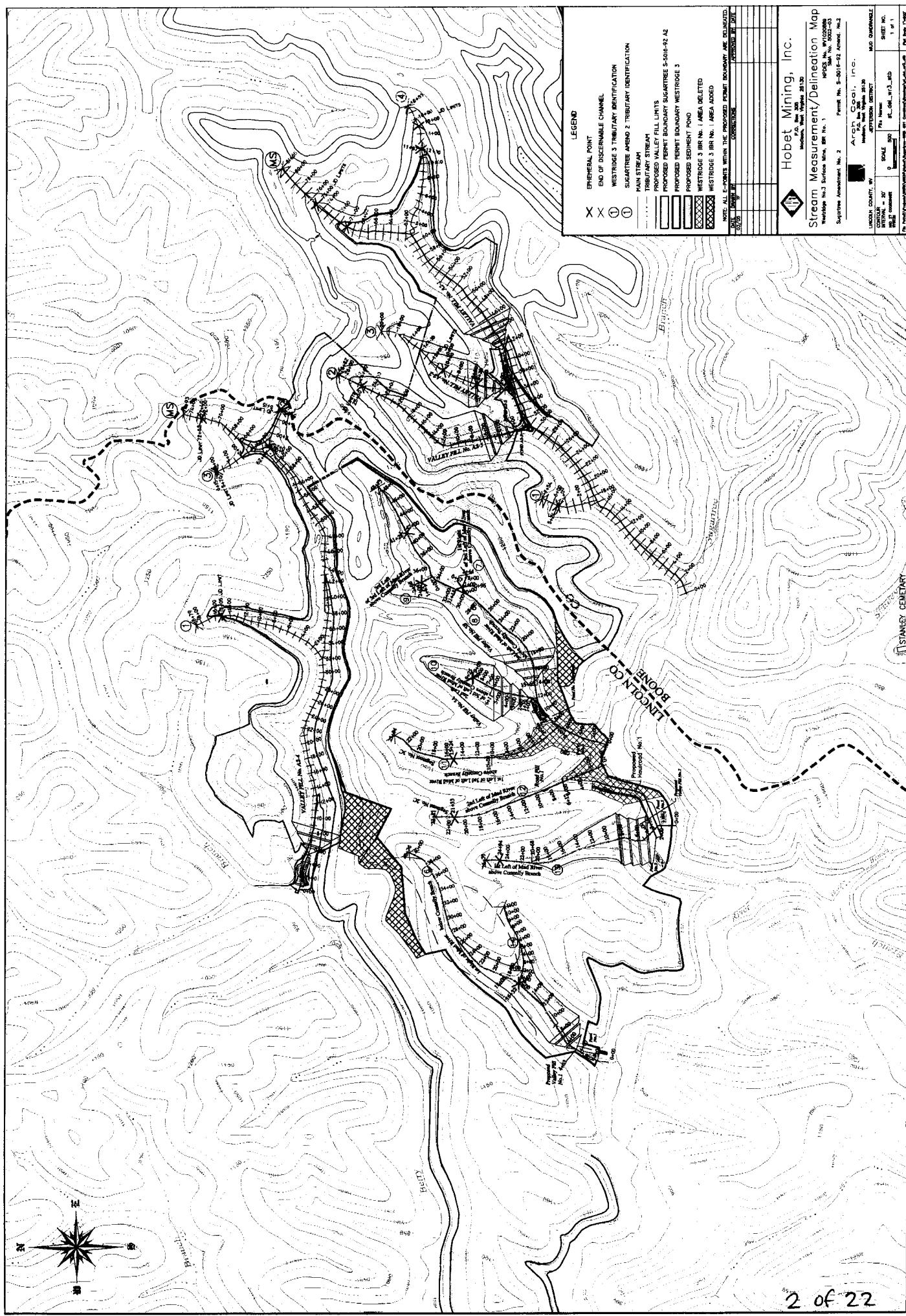


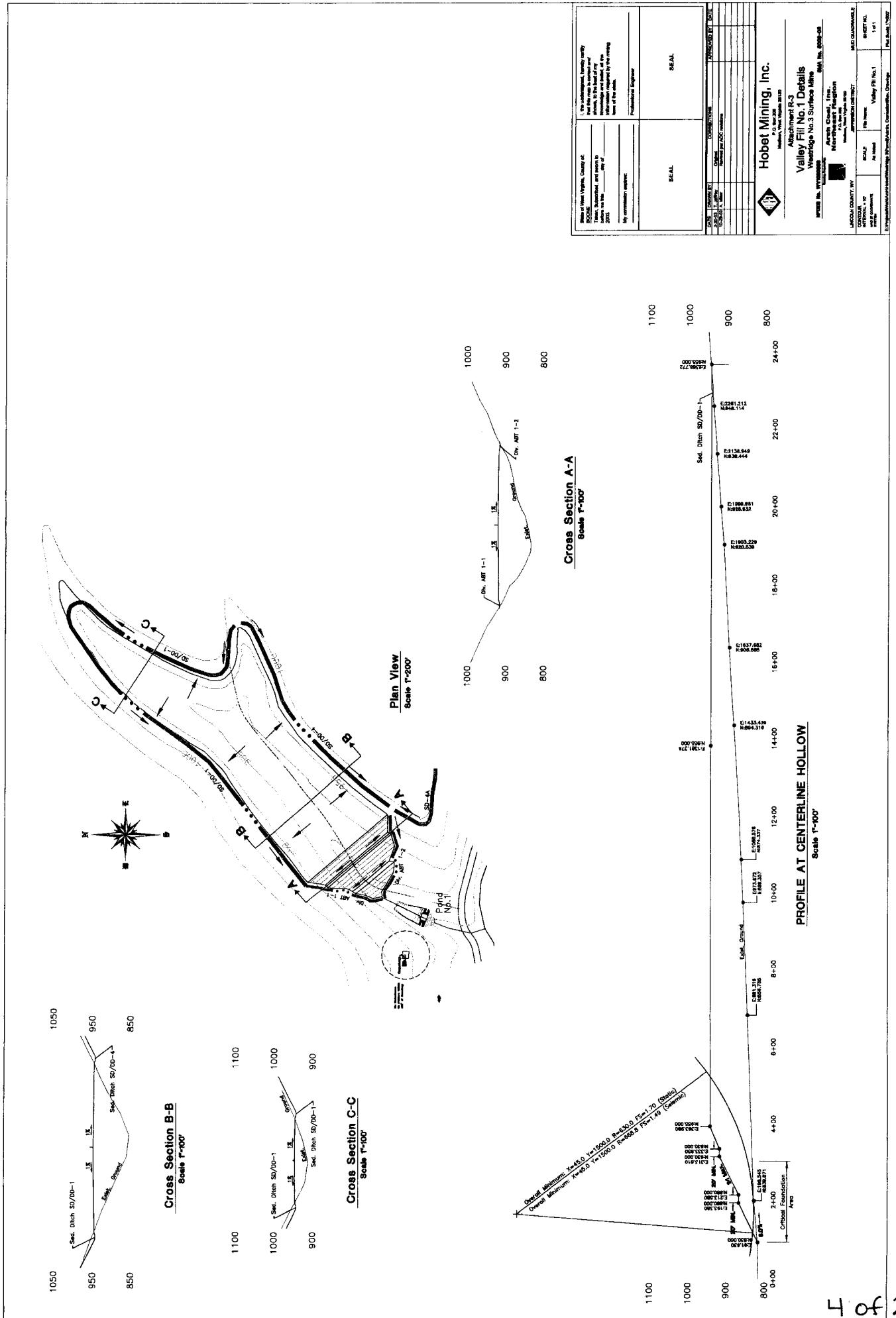
EXHIBIT 2 - Westridge No. 3 Surface Mine, IBR No. 1 and Sugartree Surface Mine, Amendment No. 2 Proposed Permit Area

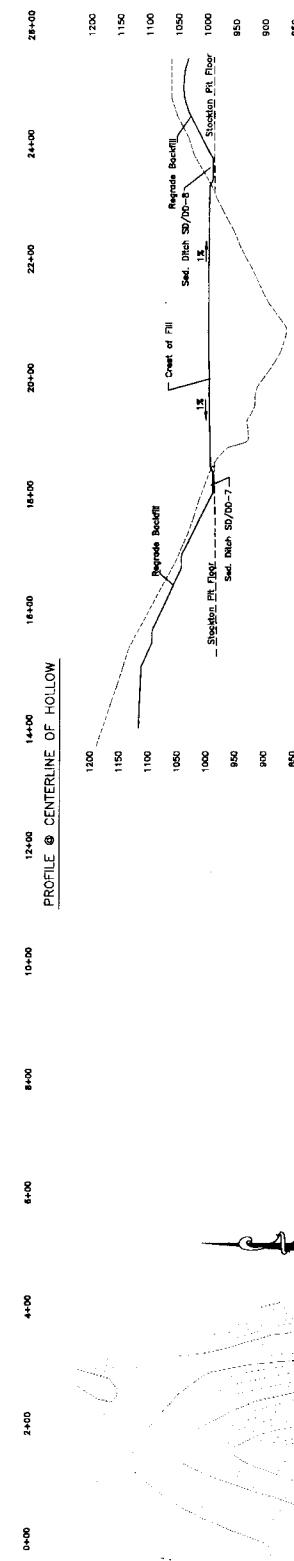
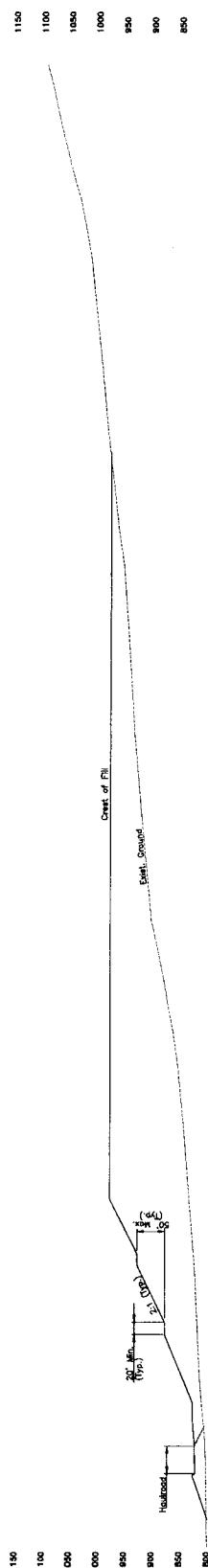


Hobet Mining, Inc.
PO Box 305
Madison, West Virginia 25130

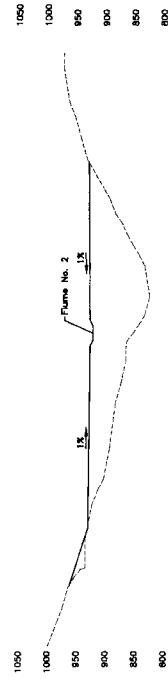








SECTION B-B

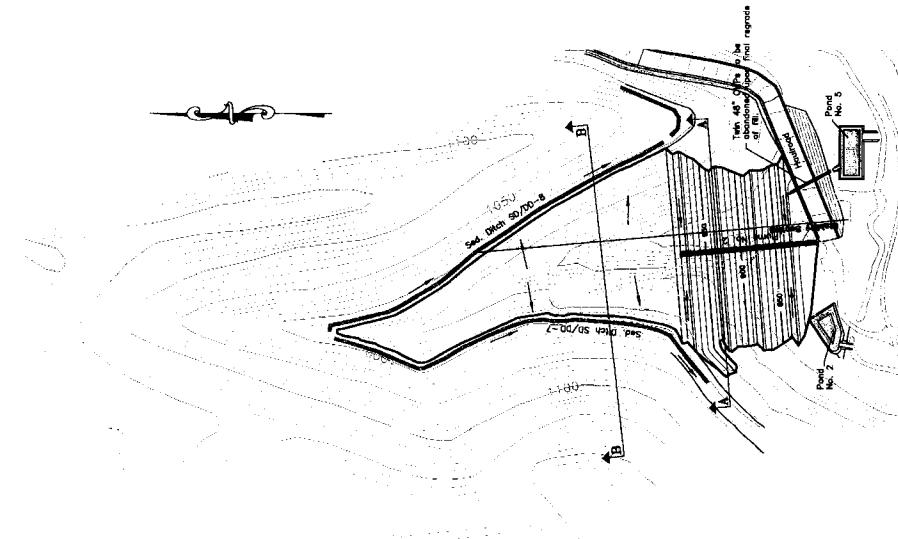


SECTION A-A



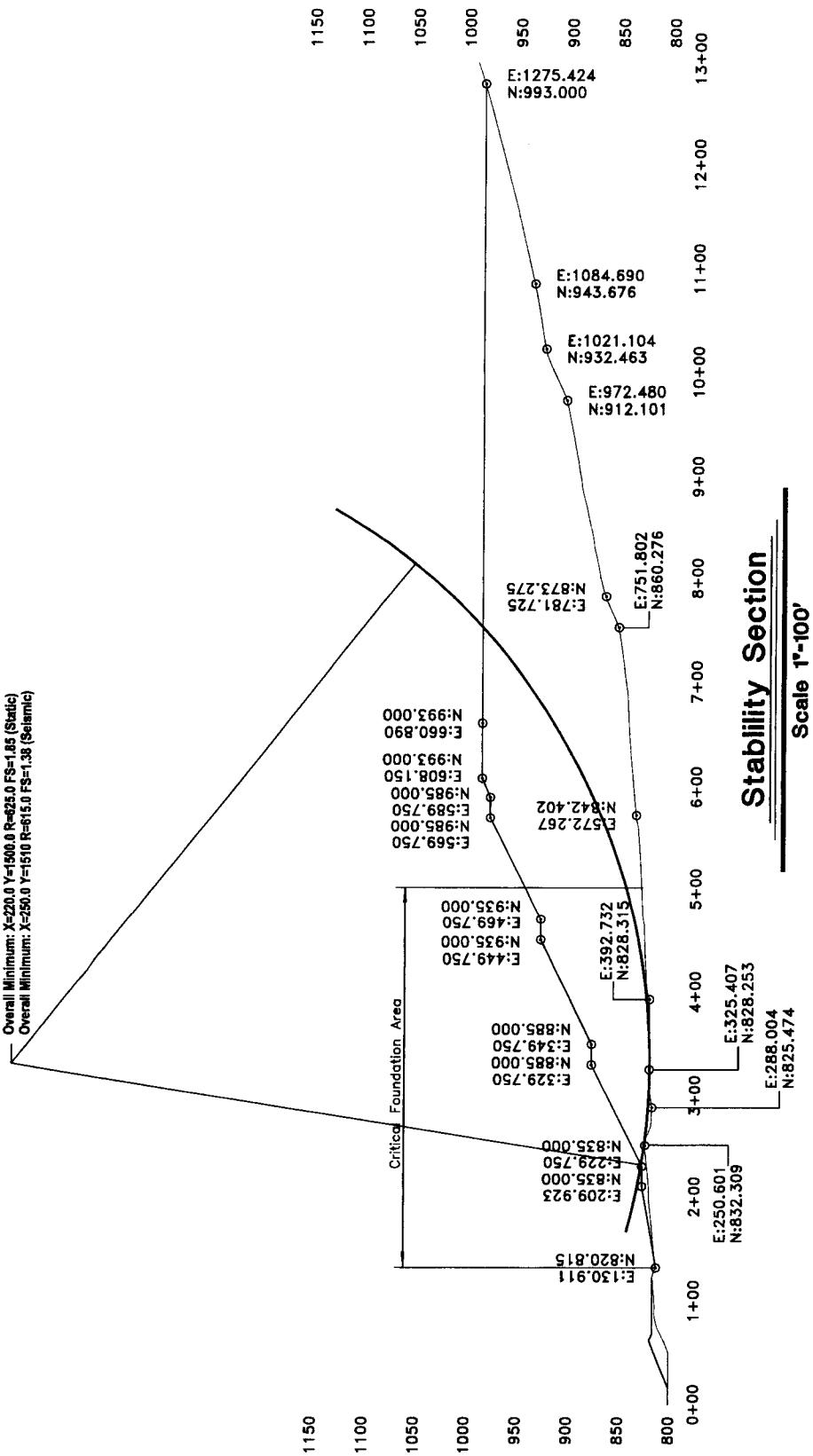
Hobet Mining, Inc.

Attachment R-3		Wetridge No. 3 Surface Mine	
Valley Fill No. 2 Details			
NAME NO. & ADDRESS		NAME NO. & ADDRESS	
WETRIDGE, NY		VALLEY FILL, DULLES	
ATTACH CREST, ILLINOIS		ATTACHMENT DISTRICT	
NORTHERN ILLINOIS POWER & LIGHT COMPANY SUBSIDIARY OF AMERICAN POWER & LIGHT COMPANY		VALLEY FILL DISTRICT	
NAME NO. & ADDRESS		NAME NO. & ADDRESS	
UNION COUNTY, NY		VALLEY FILL, DULLES	
INTERVAL, 10 ACRES, 100' ECONOMIC LIFE, 100' ECONOMIC LIFE, 100' ECONOMIC		INTERVAL, 10 ACRES, 100' ECONOMIC LIFE, 100' ECONOMIC	
SHEET 1 OF 2		SHEET 1 OF 2	



PLAN VIEW • FINAL REGRADE

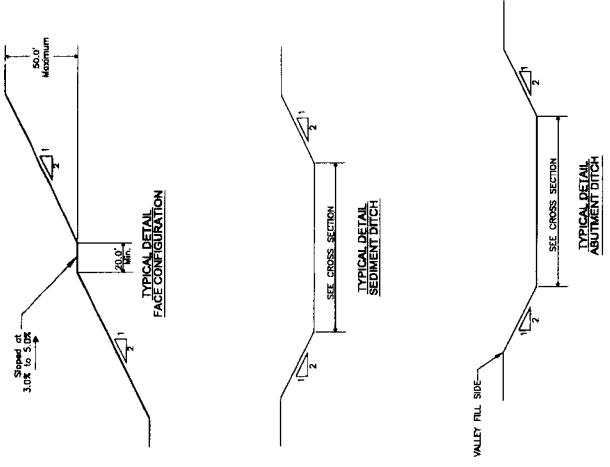
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Overall Minimum: X=250.0 Y=1510 R=615.0 FS=1.38 (Seismic)



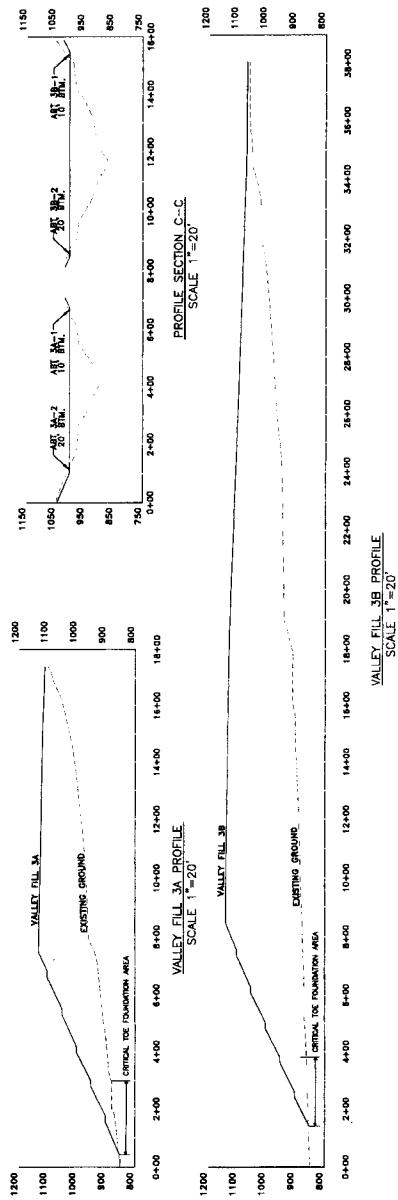
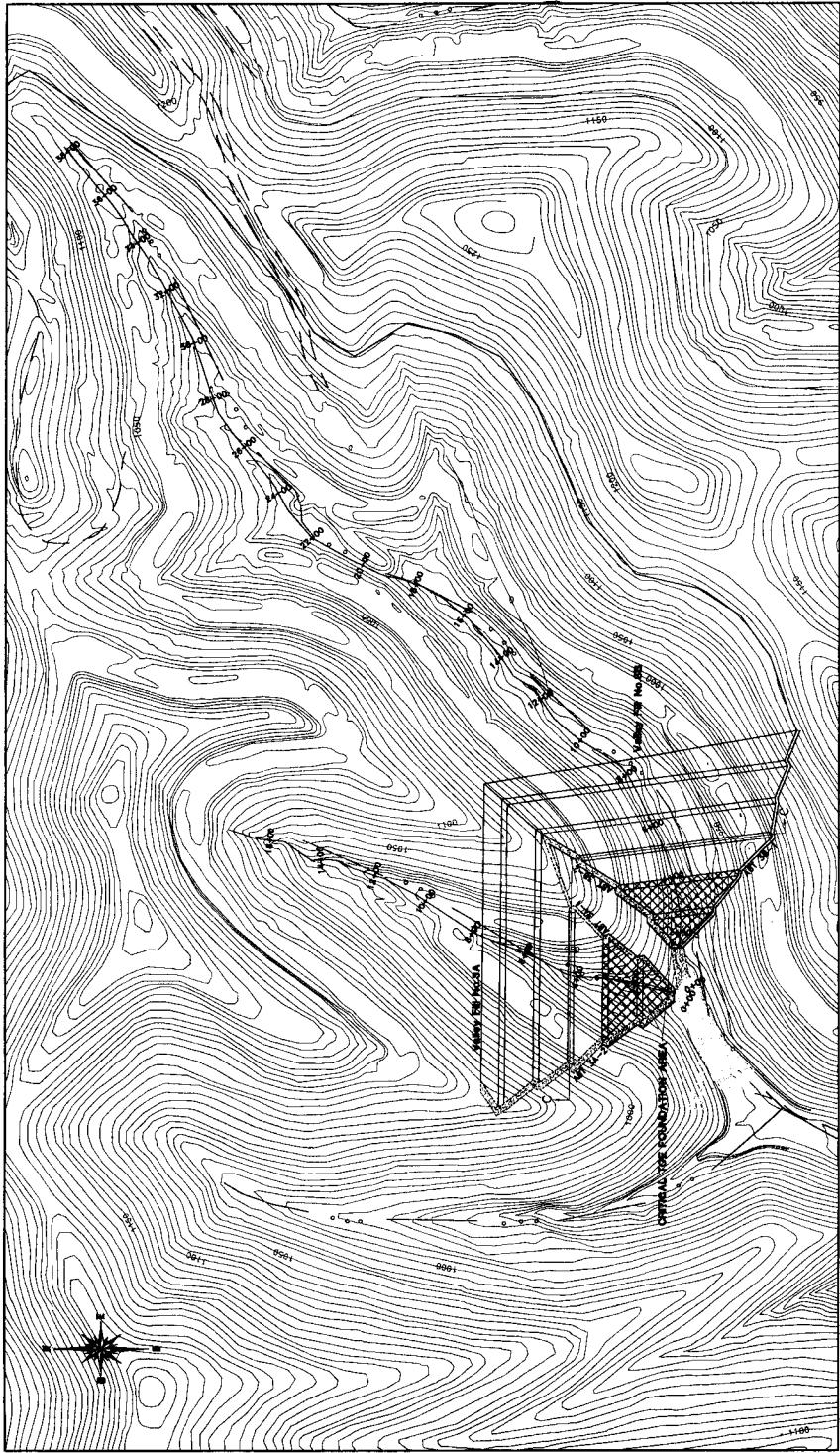
Stability Section Scale 1"-100'

Scale 1"-100'

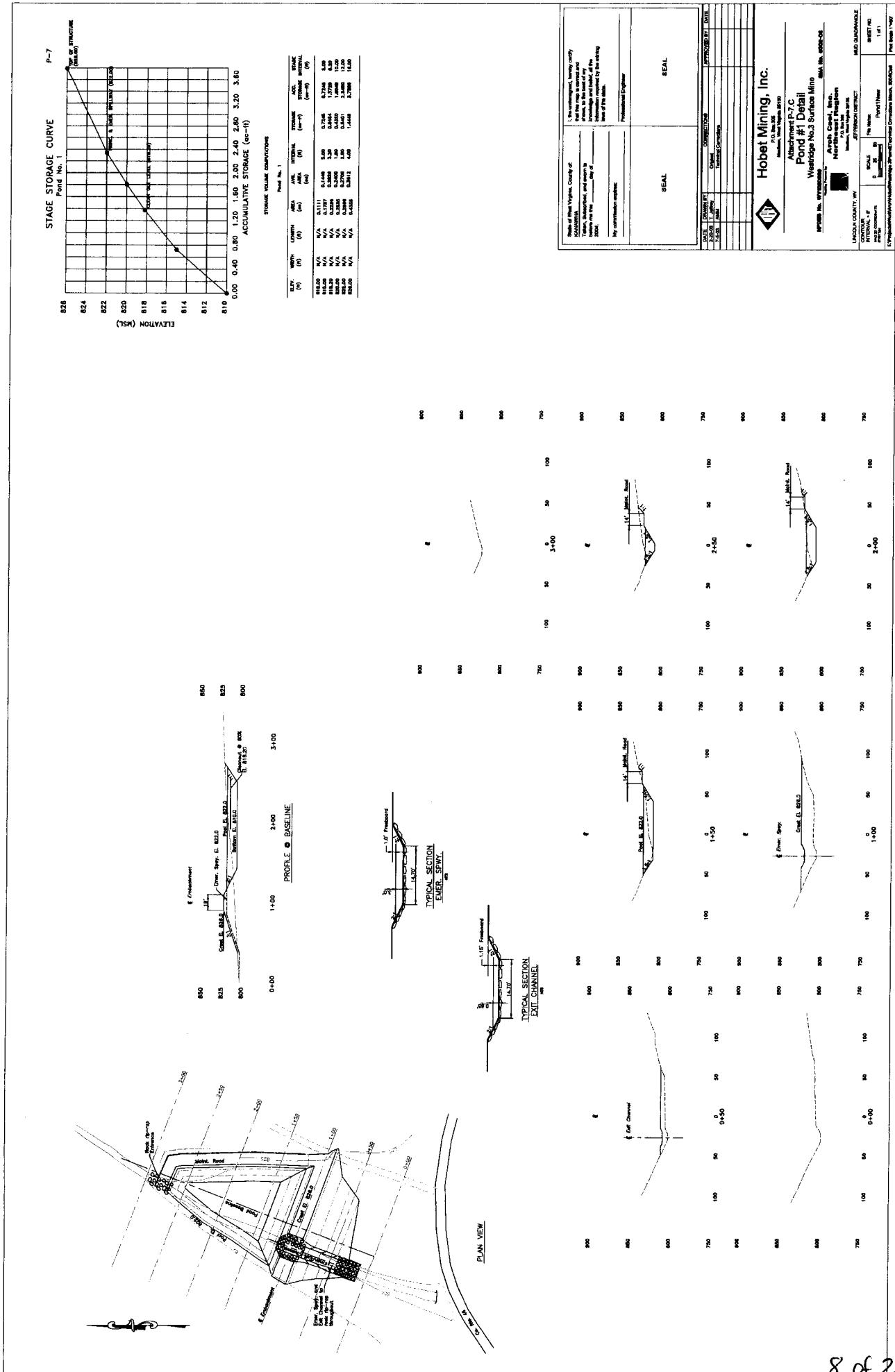
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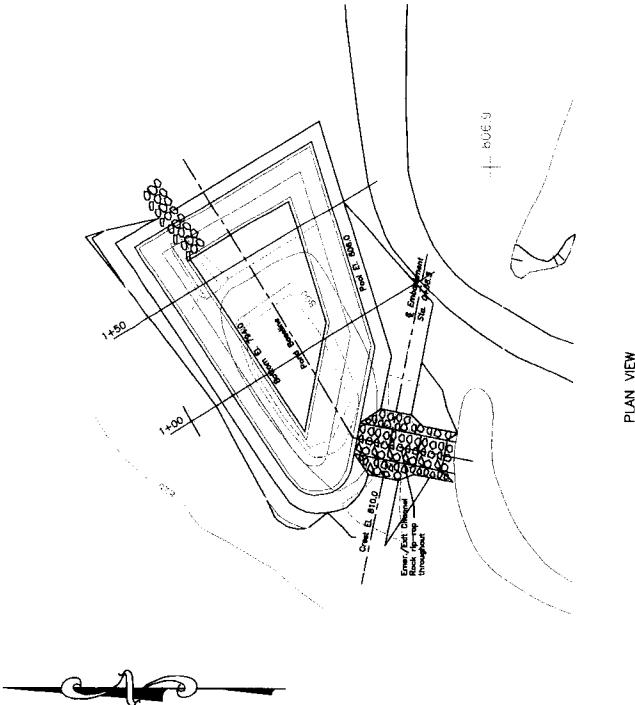


<p>State of New Mexico, County of: SAN JUAN</p> <p>I, <u>John Doe</u>, a citizen of the State of New Mexico, and a resident of San Juan County, New Mexico, do hereby declare under oath that the information contained in this affidavit is true to the best of my knowledge and belief, and that the information contained in the foregoing documents was furnished by the printing house or the author.</p> <p>My attorney has reviewed this document.</p>	<p>Printed Name Signature</p>
SEAL	

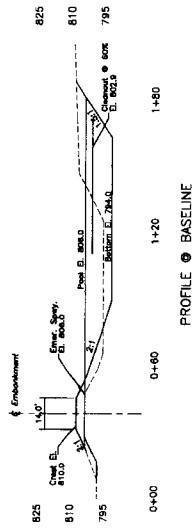


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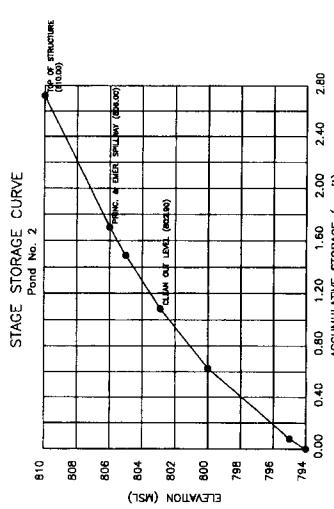




PLAN VIEW

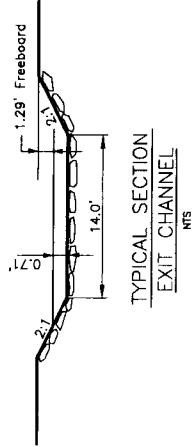
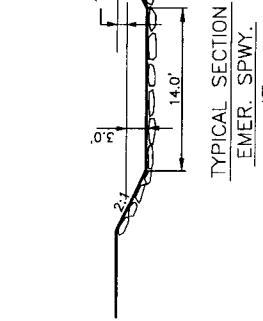


PROFILE @ BASELINE



STORAGE VOLUME COMPUTATIONS

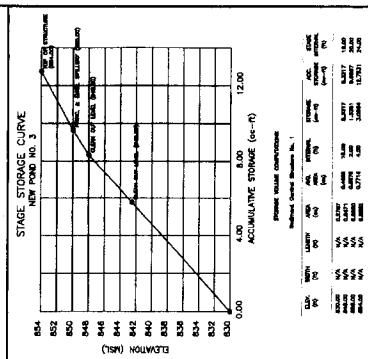
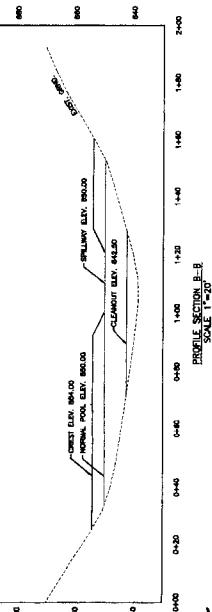
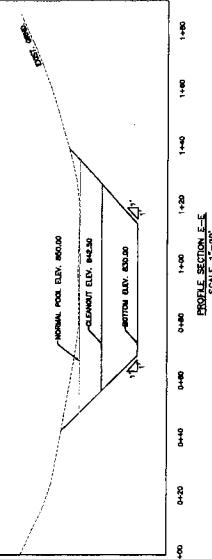
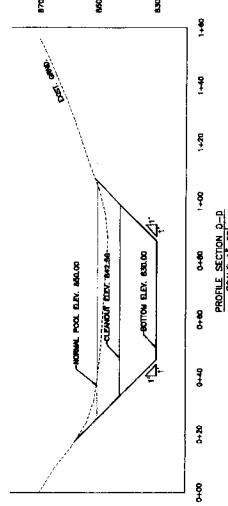
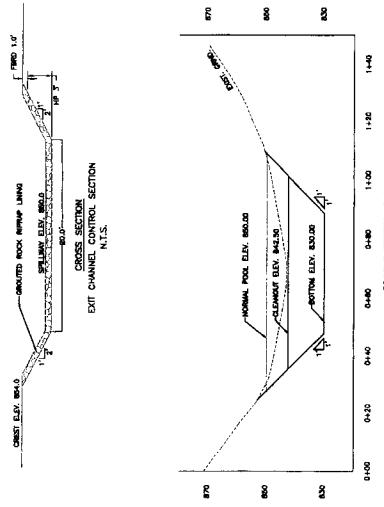
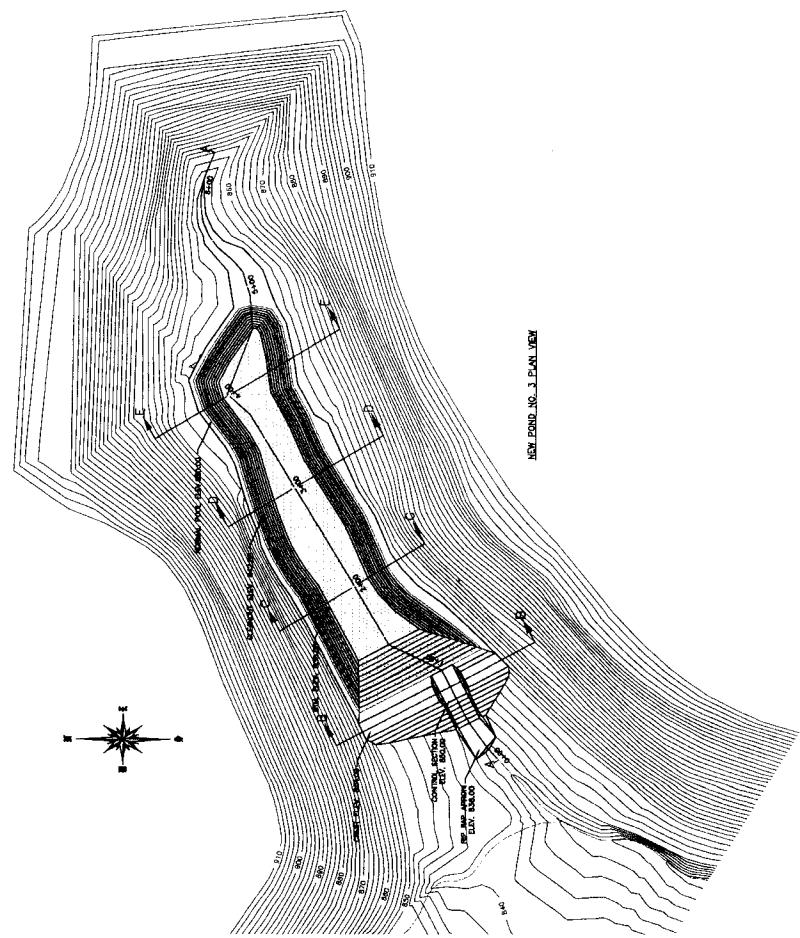
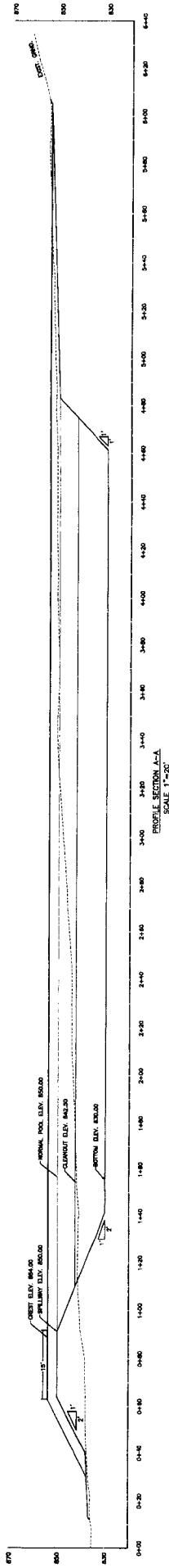
ELEV. (ft)	INT'L (ft)	ADJ. (ft)	INTERNAL VOL. (cu ft)	STORAGE CAP. (cu ft)	ACC. STAGE (ft)	STAGE VOL. (cu ft)
794.00	N/A	0.0773	0.0771	1.00	0.0771	1.00
795.00	N/A	0.0773	0.1100	0.4468	0.4468	1.00
796.00	N/A	0.1282	0.1100	0.4468	0.5750	1.00
797.00	N/A	0.1779	0.1581	0.4468	0.6249	1.00
798.00	N/A	0.2177	0.1981	0.4468	0.6747	1.00
799.00	N/A	0.2564	0.2381	0.4468	0.7245	1.00
800.00	N/A	0.2951	0.2781	0.4468	0.7743	1.00
801.00	N/A	0.3341	0.3181	0.4468	0.8241	1.00



Block 1000, Yavapai County, AZ Landowner(s) and/or Owner(s) Name(s) and address(es) of the landowner(s) or owner(s) of the land(s) described by this plan: Mr. John Doe, 123 Main Street, Prescott, Arizona.
Seal:

Block 1000, Yavapai County, AZ Landowner(s) and/or Owner(s) Name(s) and address(es) of the landowner(s) or owner(s) of the land(s) described by this plan: Mr. John Doe, 123 Main Street, Prescott, Arizona.
Seal:

Block 1000, Yavapai County, AZ Landowner(s) and/or Owner(s) Name(s) and address(es) of the landowner(s) or owner(s) of the land(s) described by this plan: Mr. John Doe, 123 Main Street, Prescott, Arizona.
Seal:

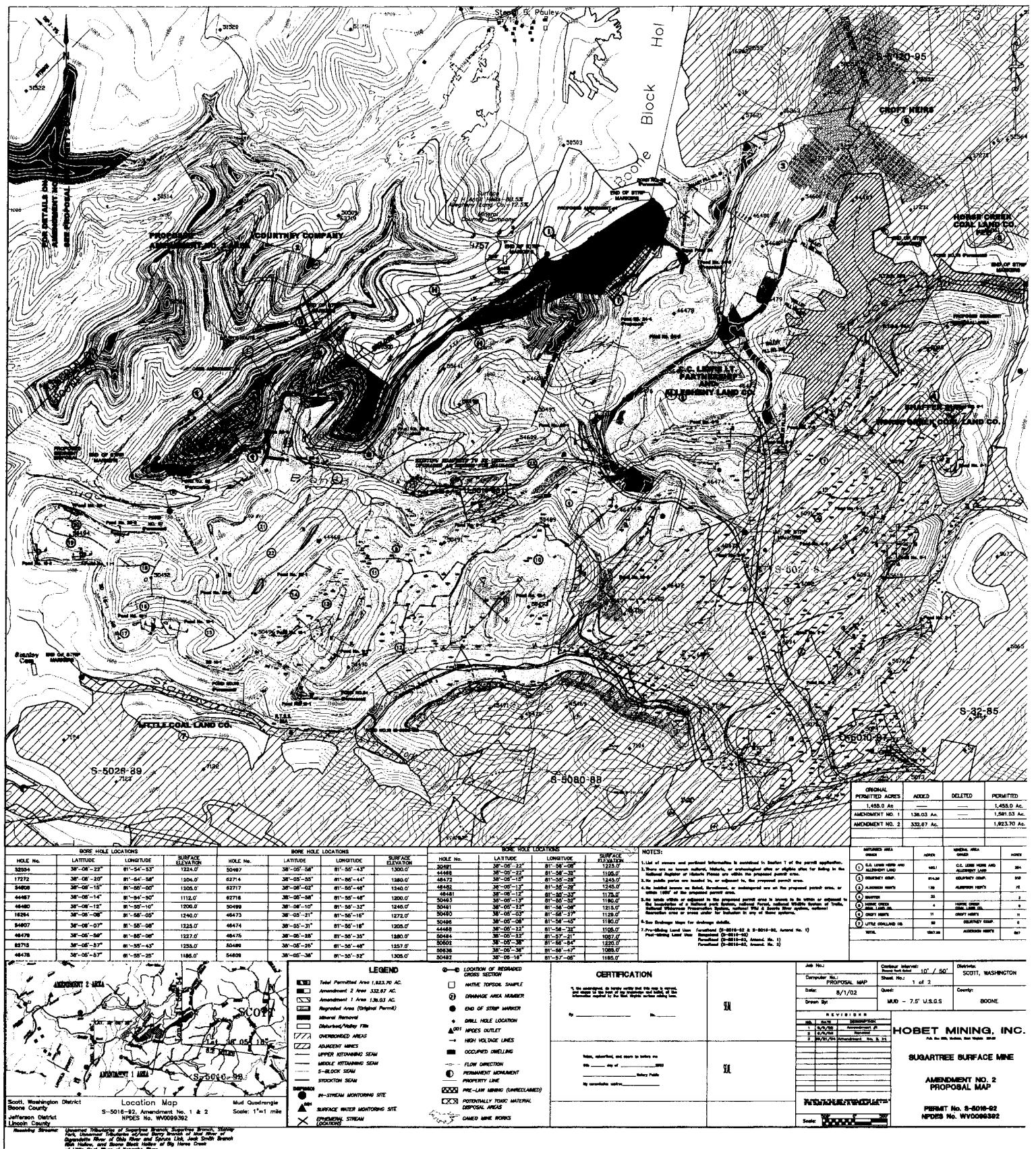


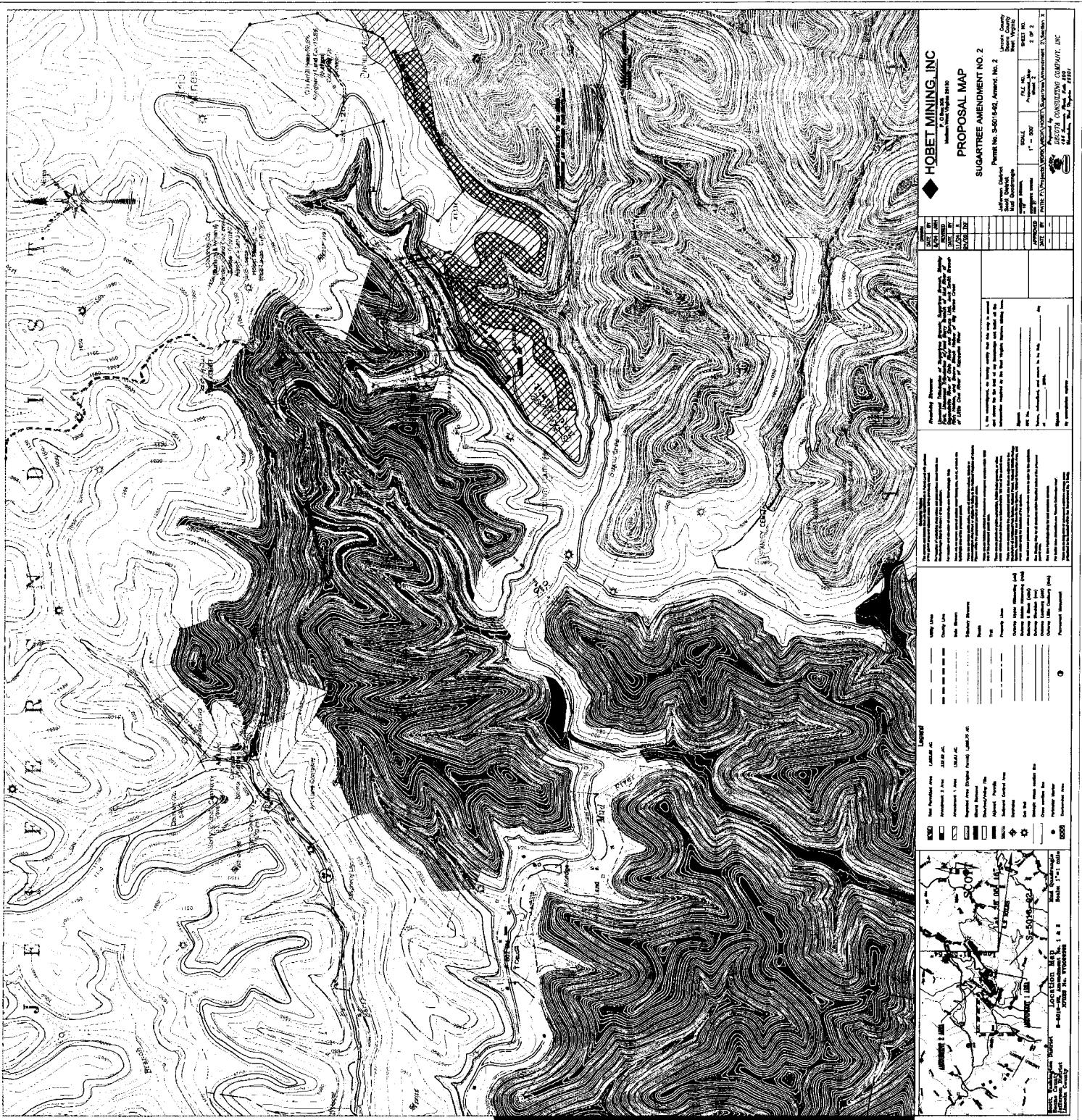
<p>I am authorized to make and put the name to contracts and agreements, and to enter into any and all business transactions required by my position.</p> <p>My company name:</p>	<p>SEAL</p>	<p>CONTRACTOR'S SIGNATURE</p>
<p>Name of firm (original, changed or further, afterwards, and known as the firm, if any):</p> <p>Address:</p>	<p>SEAL</p>	<p>Date:</p>

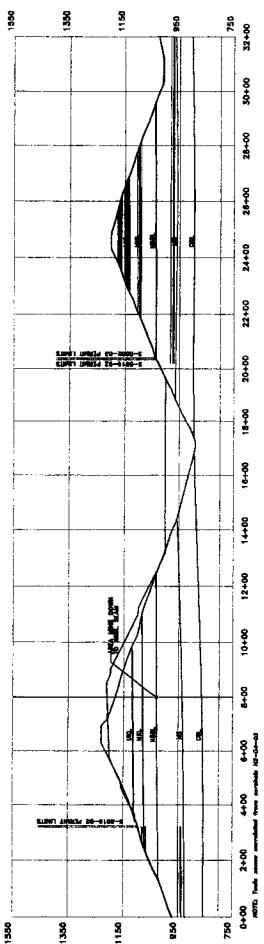
Hobet Mining, Inc.
P.O. Box 3005
Madison, West Virginia 25130

NEW POND NO. 3 DETAILS

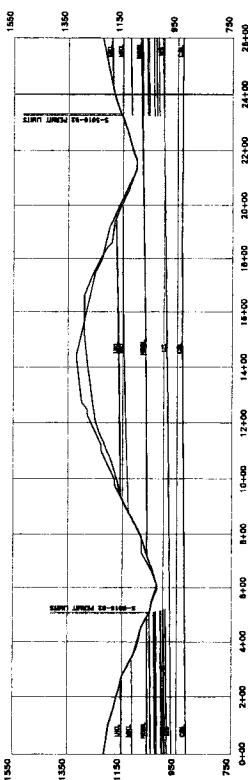
NAME OF INVESTIGATOR	ATTENTION DIRECTOR	MID GUARDIAN
ALVIN L. COLEMAN, JR.	FD-302 (Rev. 7-25-63)	SHEET NO. 1 of 1
MAILING ADDRESS	SCALE	PRINT SCALE 1:1000
1000 BROADWAY NEW YORK, N.Y. 10036	0	
TELEPHONE NUMBER	FILE NUMBER	
(212) 554-1234	NEW POND 3	
APPROVED BY _____		
DECOCA CONSULTING COMPANY, INC.		
44-15-5		



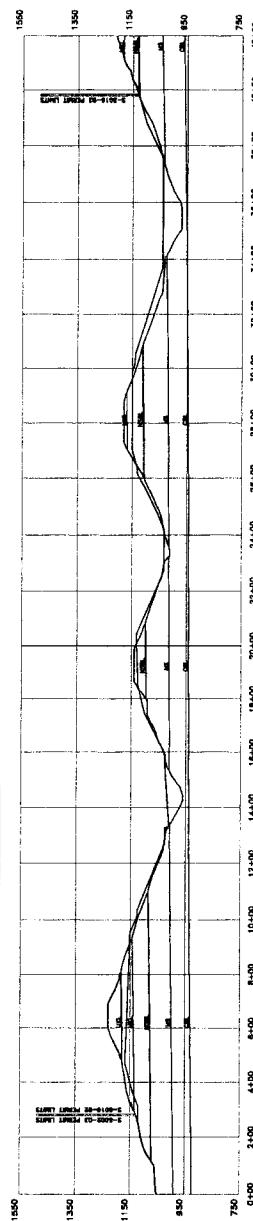




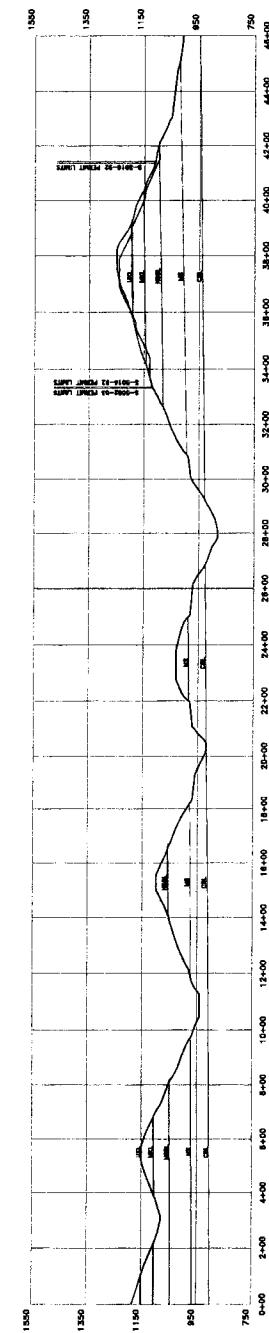
SECTION 'A-A'



SECTION B.B.



SECTION 5



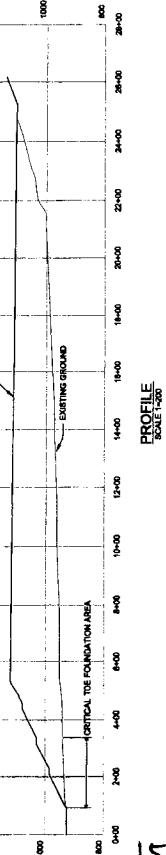
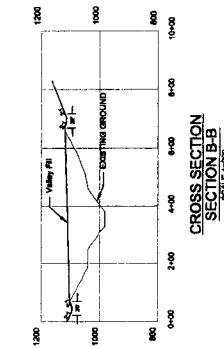
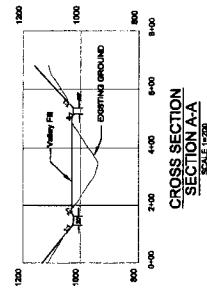
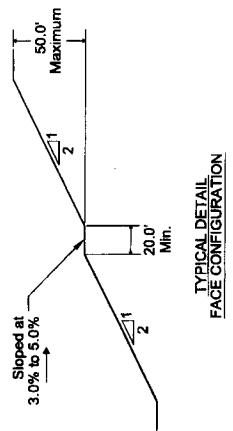
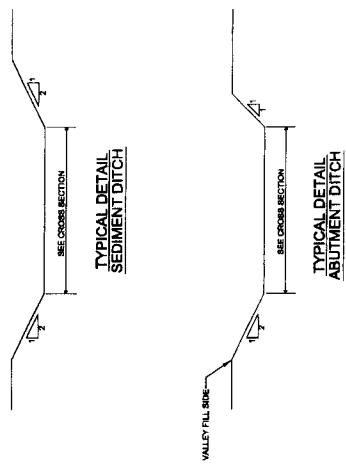
SECTION E

1

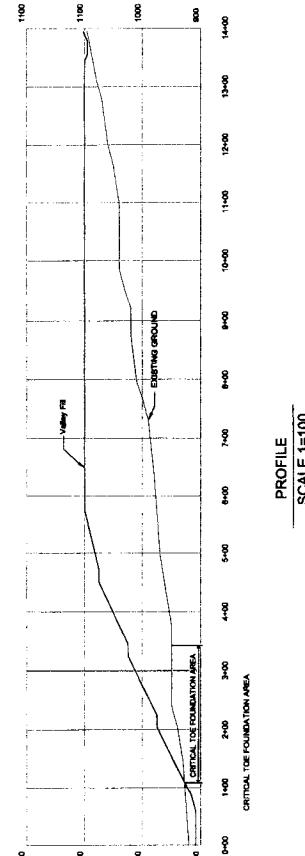
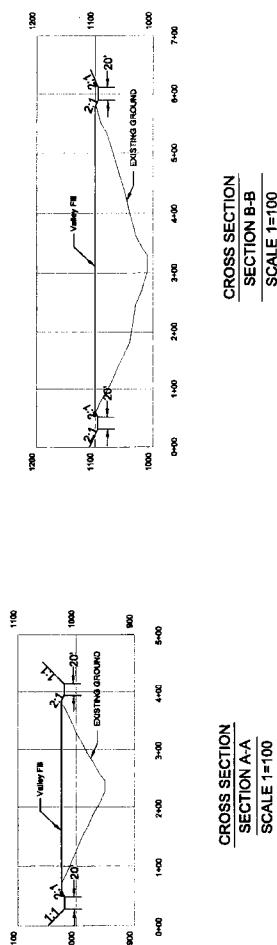
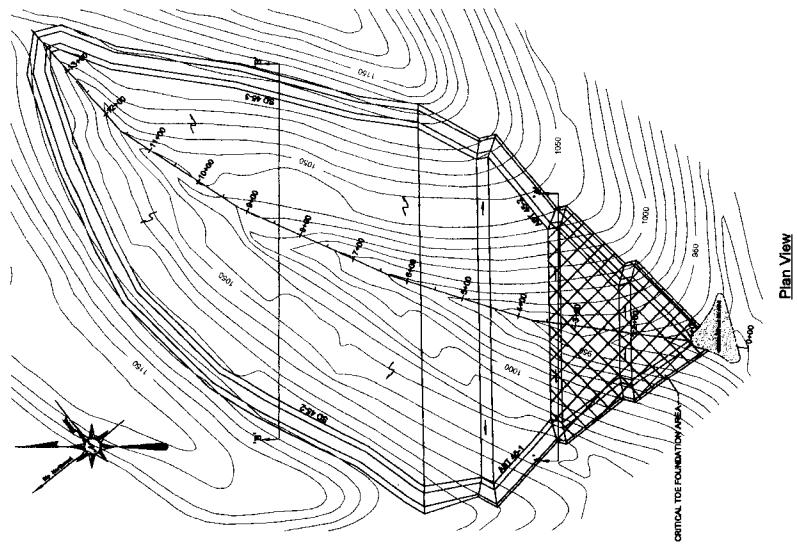
TINNING GROUND
MNG MINING

MATERIAL

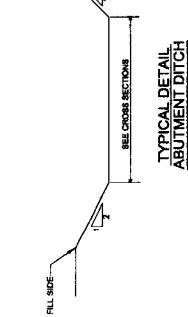
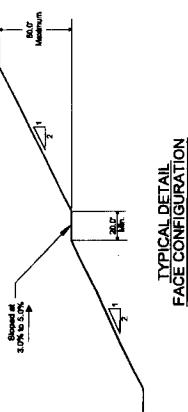
EGRADE CROSS SECTIONS



HOBET MINING, INC.	
Permit No. S-65018-82, Amend. No. 2	
Jefferson County, West Virginia	
Methow River, Section 26, Block 30	
VALLEY FILL A2-1	
SUGARTREE AMENDMENT NO. 2	
DRAWN BY	REvised by
8/14/04	8/14/04
APPROVED BY	FILE NO.
8/14/04	A2-1
DATE	1 OF 1
HOBY CONSTRUCTION COMPANY, INC.	
15 of 22	

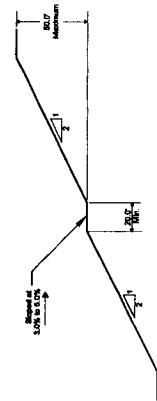


**PROFILE
SCALE 1=100**

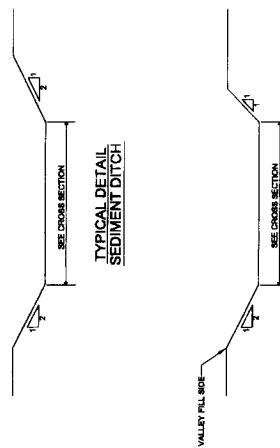


HOBET MINING, INC.	
Permit No. S-010-6-22, Amend. No. 2	FILE NO. A2-2
Jefferson District Scott County West Virginia	DATE FILED 4/10/2023
Map No. 2000 Section 26-30	SCALE 1" = 100'
REVISIONS	FILE NO.
4/10/2023	1 OF 1
APPROVED	CONTRACTING COMPANY, INC. HOBET MINING, INC.
DATE APPROVED	4/10/2023
BY	PERMIT EXPIRES 4/10/2024
	Surface Veneermed - 21 Section R

VALLEY FILL A2-2
SUGARTREE AMENDMENT NO. 2
Permit No. S-010-6-22, Amend. No. 2
Jefferson District Scott County West Virginia
Map No. 2000 Section 26-30



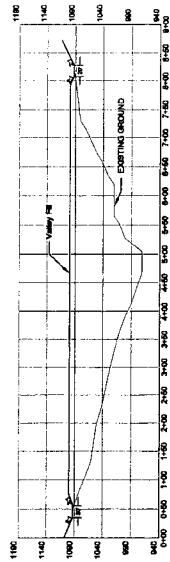
TYPICAL DETAIL
FACE CONFIGURATION



TYPICAL DETAIL
SEDIMENT DITCH



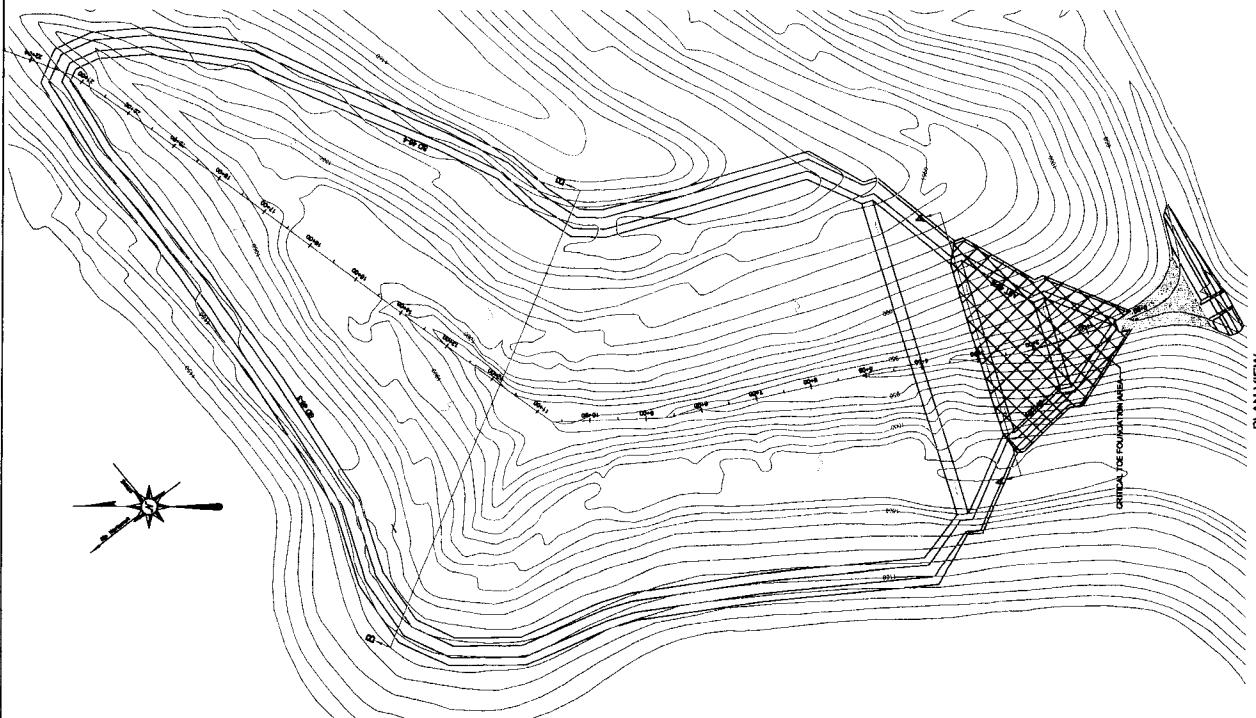
TYPICAL DETAIL
ABUTMENT DITCH



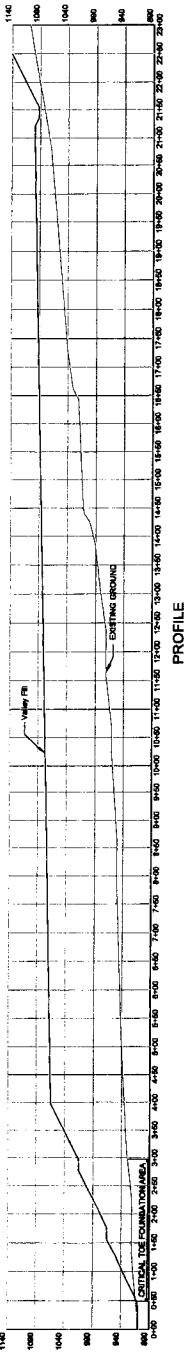
CROSS SECTION
SECTION B-B
SCALE 1:1000



CROSS SECTION
SECTION A-A
SCALE 1:1000

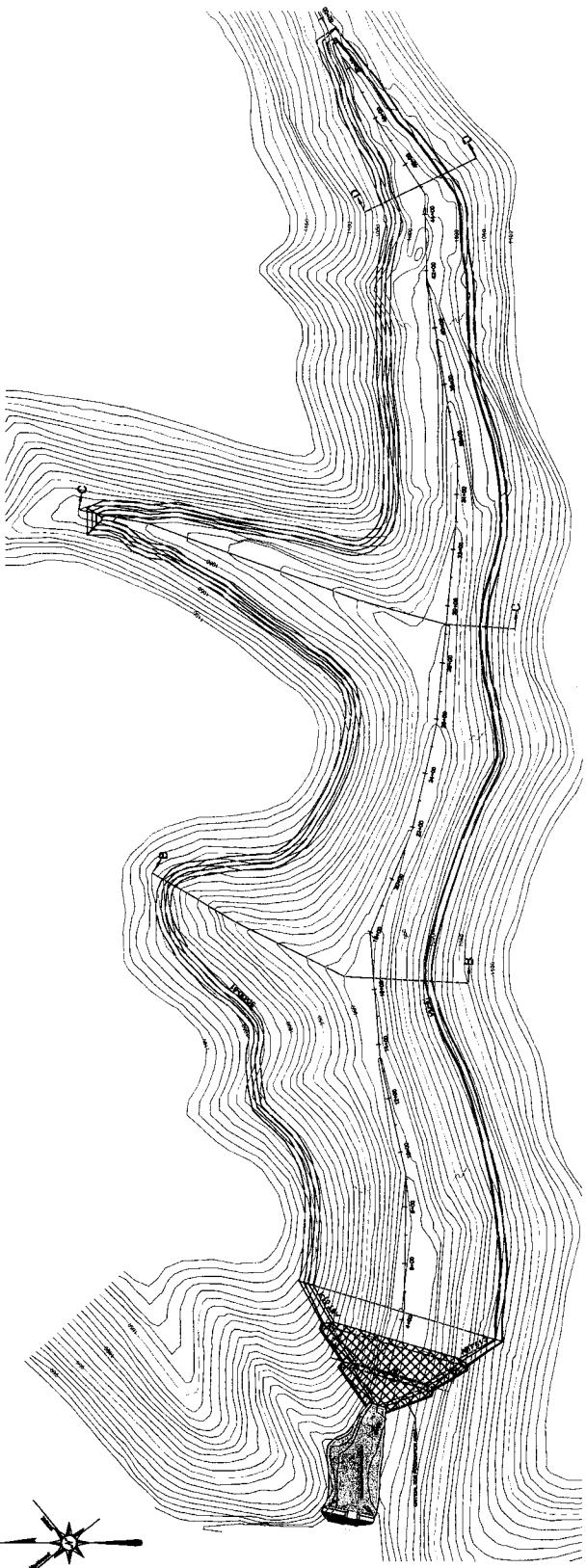


PLAN VIEW



PROFILE
SCALE 1:1000

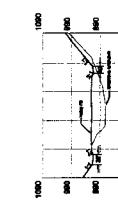
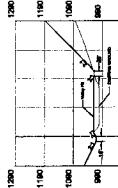
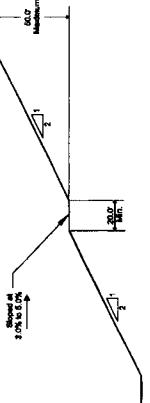
HOBET MINING, INC.	
P. O. Box 300 Mountain View, West Virginia 26101	Permit No. S-501692, Amend. No. 2
VALLEY FILL A2-3	
SUGARTREE AMENDMENT NO. 2	
Jefferson District West Virginia Bonne County West Virginia	
Drawn Date 8/04/04 REvised Date 8/05/04	FILE NO. Valley Fm A2-3 1 OF 1
Approved Engineering, Survey Date 8/05/04 By DANIEL F. PETERSON, Project Manager, Superintendant, 2nd Section L	SHEET NO. 100'
DICKOTA CONSULTING COMPANY, INC. P.O. Box 2000, Mountain View, West Virginia 26101	



TYPICAL DETAIL
FACE CONFIGURATION

TYPICAL DETAIL
SEDIMENT DITCH

TYPICAL DETAIL
ABUTMENT DITCH



HOBET MINING, INC

三

VALLEY FILL A2-4

10

SUGAR TREE AMENDMENT
Permit No. S-5016-92, Amend. No.

No. 5

district
at
single

10

FILE NO.
VOLLEY F.M. A2-4

- 280 -

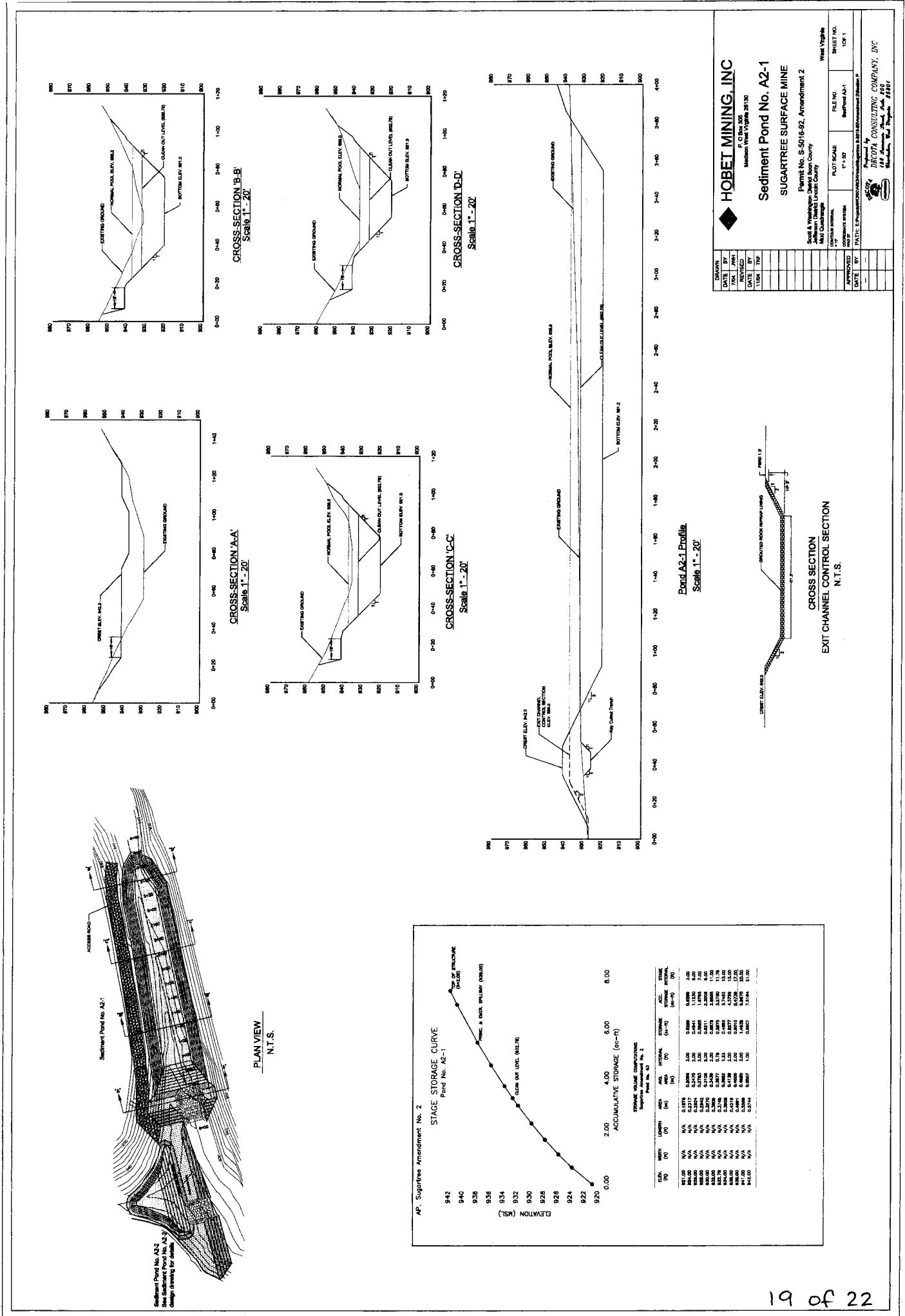
Projects\WORK\ARCH\HOBE\T\Sugartree\Amen
SUGARTREE CONSULTING CONFE
SUGARTREE CONSULTING CONFE

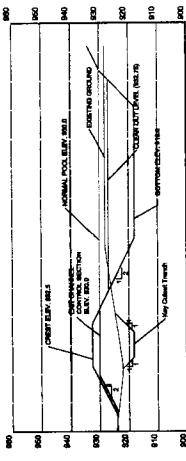
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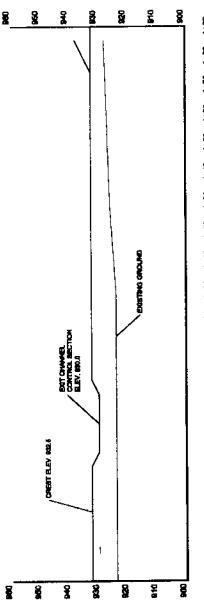
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PROFILE
SCALE 1:100

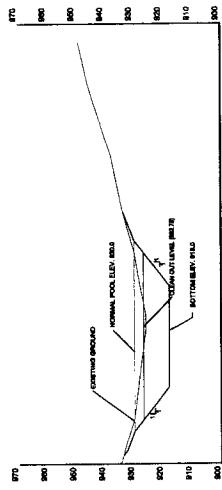




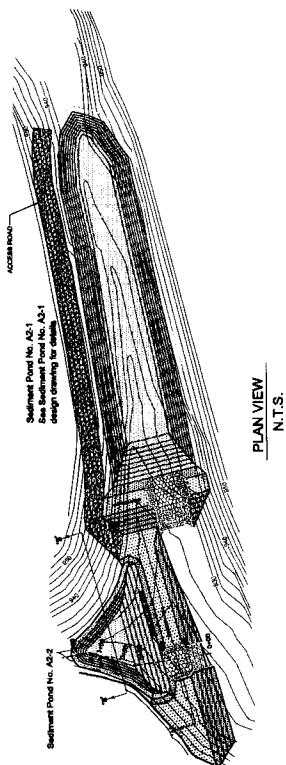
Pond A2-2 Profile
Scale 1" - 20'



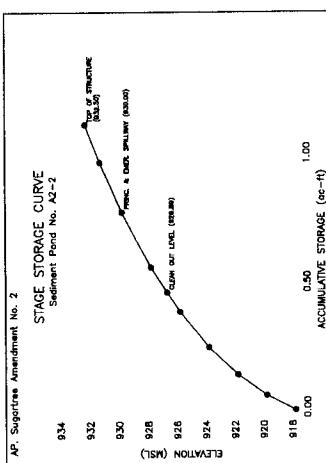
CROSS-SECTION 'A-A'



CROSS-SECTION 'B-B'

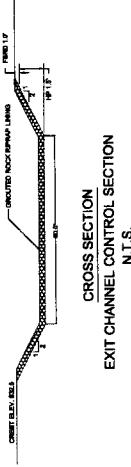


PLAN VIEW
N.T.S.

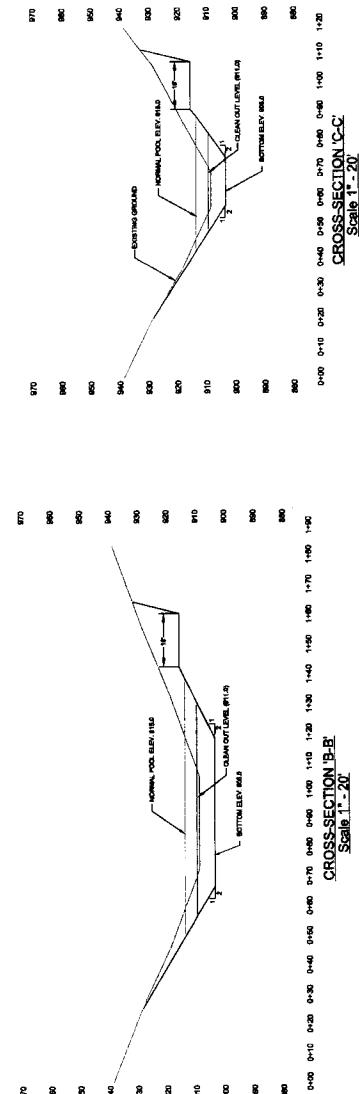
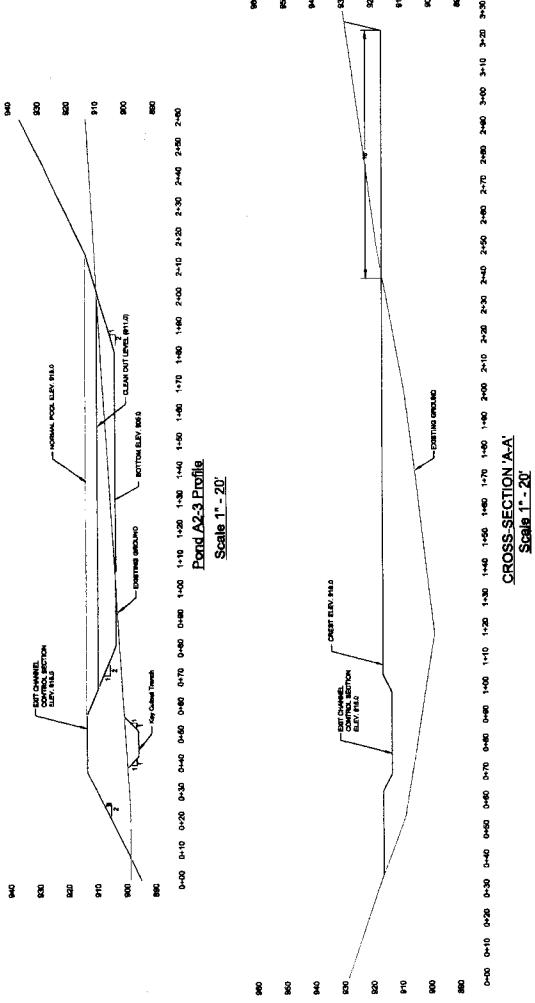
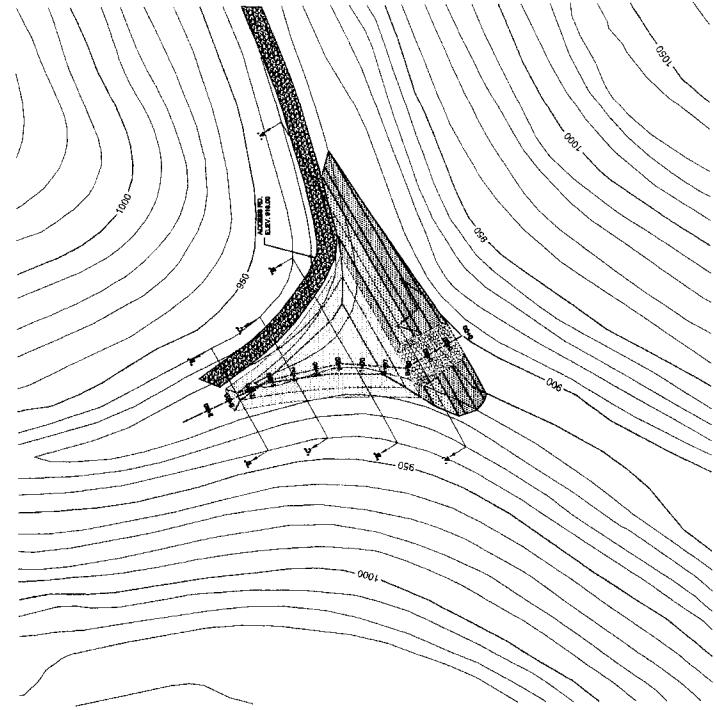


AP. Sugartree Amendment No. 2

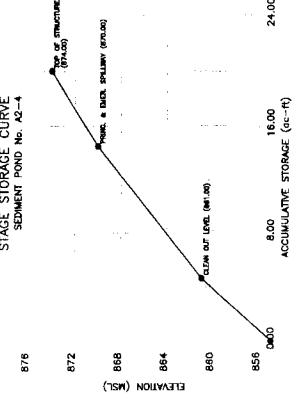
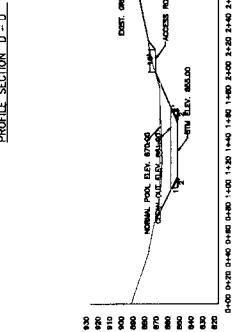
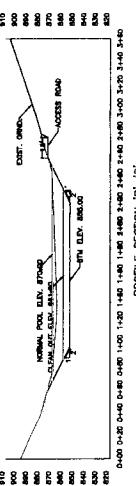
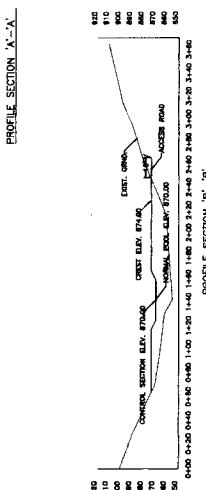
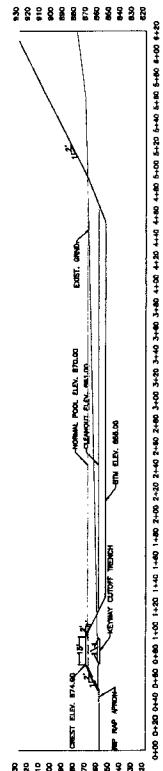
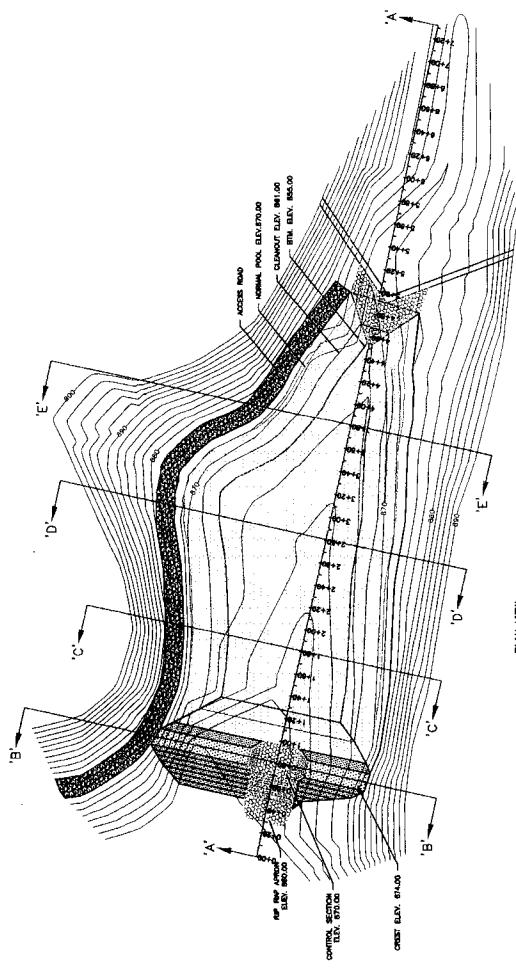
STAGE STORAGE CURVE
Sediment Bond No. A2-2



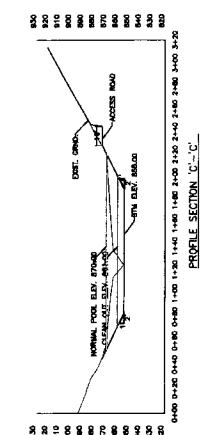
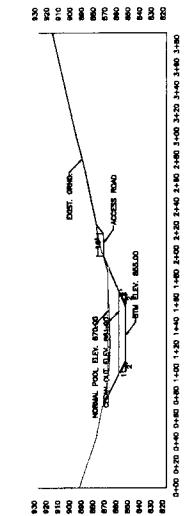
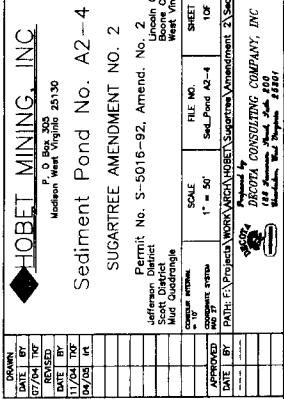
CROSS SECTION
EXIT CHANNEL CONTROL SECTION
N.T.S.



PLAN VIEW



SEISMIC POND LOADS									
CLAY (KV)	DEPTH (T)	LENGTH (m)	HEIGHT (m)	STRENGTH (kN/m ²)		ACC. (cm/s ²)		STRESS INTERNAL (N/m ²)	
				ADIA (KV)	ADIA (m)	ADIA (KV)	ADIA (m)	ADIA (KV)	ADIA (m)
MED. CLAY	0.00	N/A	0.4573	0.7768	6.00	4.6115	8.00	14.4838	15.00
MED. CLAY	0.00	N/A	0.4806	1.0498	6.00	8.7723	8.00	20.0000	18.00
MED. CLAY	0.00	N/A	1.2832	1.5873	6.00	8.7723	8.00	20.0000	18.00
MED. CLAY	0.00	N/A	1.6600	N/A	N/A	N/A	N/A	N/A	N/A



22 of 22