

NOTES:

1. EXISTING TOPOGRAPHIC DATA PROVIDED BY U.S.A.C.E.
2. PROPERTY OWNERS: COMMONWEALTH OF PENNSYLVANIA-PENNSYLVANIA STATE GAMESLANDS, P & N COAL COMPANY, INC., DOROTHY M. & RONALD W. KLAAS, AND CHYREL A. KLAAS & IRENE M. OESTERLE

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PROPERTY OWNERSHIP LISTING

1. P & N COAL COMPANY, INC.
2. MICHELE R. HUDSICK
3. COMMONWEALTH OF PENNSYLVANIA
4. COMMONWEALTH OF PENNSYLVANIA
5. DOROTHY M. AND RONALD W. KLAAS
6. CHYREL A. KLAAS AND IRENE M. OESTERLE
7. P & N COAL COMPANY, INC.

APPROVED
A/E FRA
SEAL

AS-BUILT



US Army Corps
of Engineers
Baltimore District

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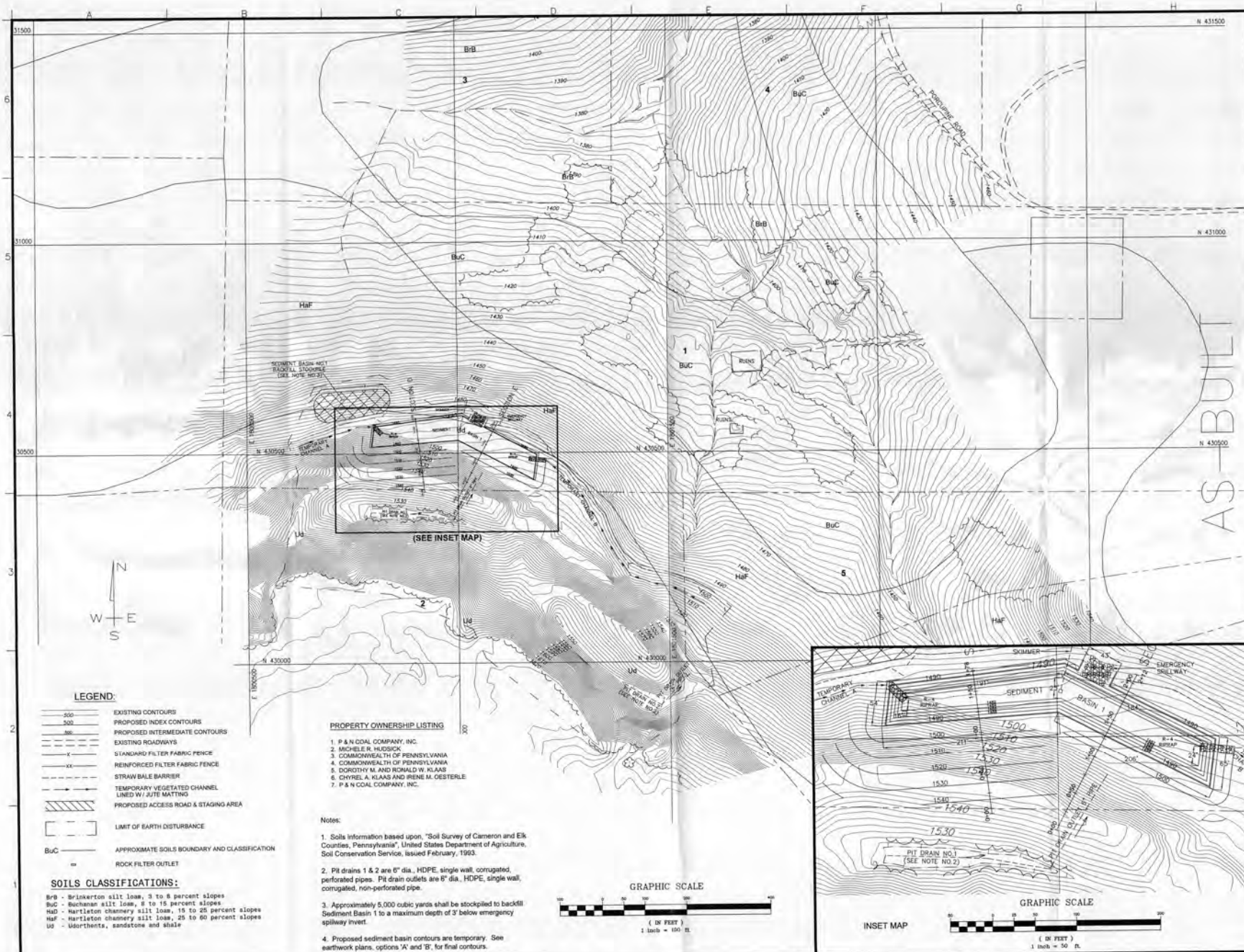
U.S. ARMY ENGINEER DISTRICT, BALTIMORE CORPS OF ENGINEERS BALTIMORE, MARYLAND	Designed by:		Date: APRIL 2005	Rev.
	Dwn by:	Ord by:	Design file no.	
Gannett Fleming 801 Locust St., Suite 1 Chapel Hill, PA 19335	Reviewed by:		Drawing Number: 19461-3	
	Submitted by:		File name: File date:	

DENTS RUN SITE 3893
 SECTION 206, ACID MINE DRAINAGE
 BENNETT TOWNSHIP, ELK COUNTY, PA

GENERAL INFORMATION

Sheet
Number:

1



Rev.	Description	Date	By	Check
1	Issue for Construction	10/1/93	W. J. [illegible]	[illegible]
2	Issue for Construction	10/1/93	W. J. [illegible]	[illegible]
3	Issue for Construction	10/1/93	W. J. [illegible]	[illegible]
4	Issue for Construction	10/1/93	W. J. [illegible]	[illegible]
5	Issue for Construction	10/1/93	W. J. [illegible]	[illegible]
6	Issue for Construction	10/1/93	W. J. [illegible]	[illegible]
7	Issue for Construction	10/1/93	W. J. [illegible]	[illegible]
8	Issue for Construction	10/1/93	W. J. [illegible]	[illegible]
9	Issue for Construction	10/1/93	W. J. [illegible]	[illegible]
10	Issue for Construction	10/1/93	W. J. [illegible]	[illegible]

U.S. ARMY ENGINEER DISTRICT, BALTIMORE
CORPS OF ENGINEERS
BALTIMORE, MARYLAND

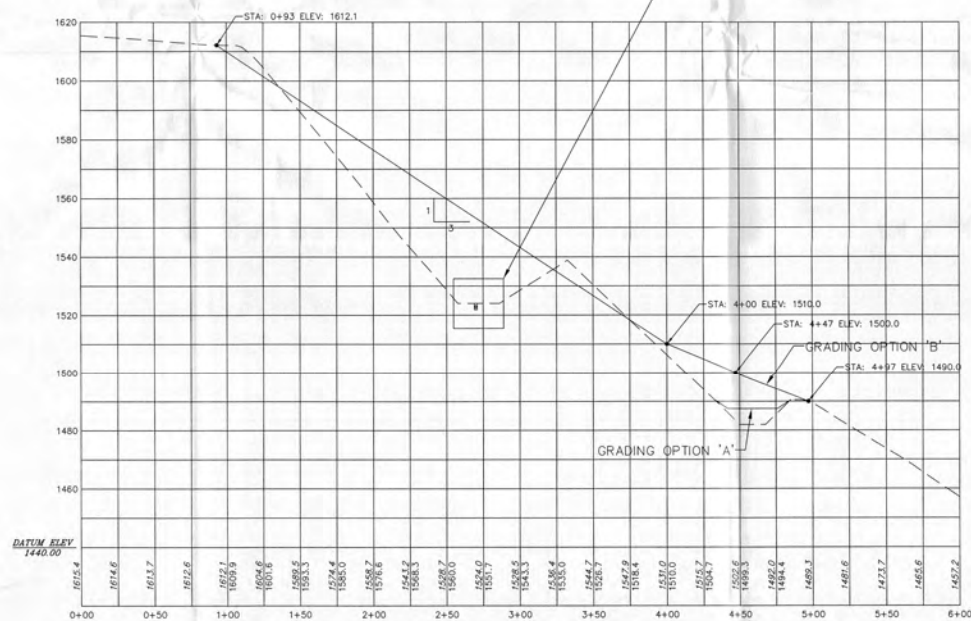
Design: 10/1/93
Drawn: 10/1/93
Reviewed: 10/1/93
Submitted: 10/1/93
Chief: [illegible]

Contract Planning
800 Leonard Street, Suite 1
Baltimore, MD 21202
(410) 781-4232

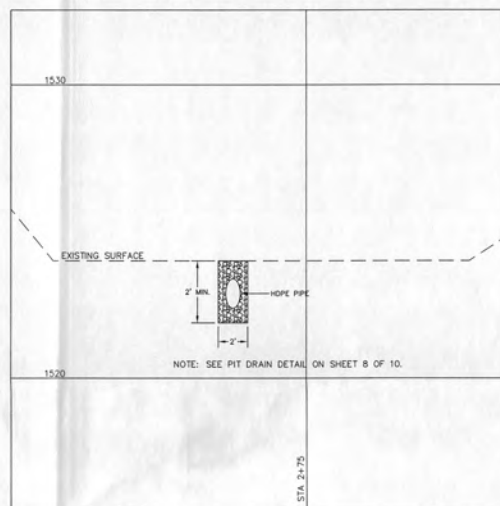
STATE MAP SHEET 100
SECTION 200, 201 AND 202
BENNETT TOWNSHIP, ELK COUNTY, PA

EXISTING CONDITIONS /
EARTHWORK AND SEDIMENTATION CONTROL PLAN /
EARTHWORK AND SEDIMENTATION CONTROL PLAN /
EARTHWORK AND SEDIMENTATION CONTROL PLAN /

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PIT DRAIN
HORIZONTAL SCALE: 1"=4'
VERTICAL SCALE: 1"=2'



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Rev.	Date	By	Description

U.S. ARMY ENGINEER DISTRICT, BALTIMORE
CORPS OF ENGINEERS
BALTIMORE, MARYLAND

Corbett Planning
200 Locomot Street, Suite 1
Baltimore, MD 21201
(410) 700-4200

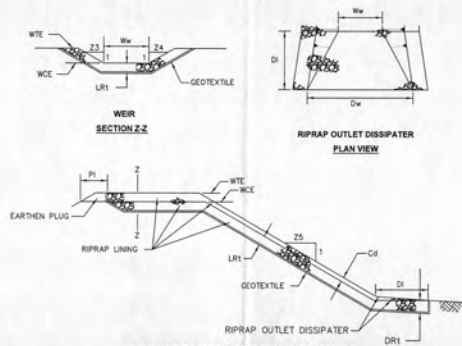
Designed by: Date: 2005
Drawn by: Out by: Design file no.
Reviewed by: Checked by: Drawing Number: 1566.3
Submitted by: File name: 1566.3
Chief: Branch: Plot scale: 1"=40'

ROUTE RUN SITE 1983
SECTION 206, ACID MINE DRAINAGE
BENNETT TOWNSHIP, ELK COUNTY, PA

EARTHWORK PROFILES

Sheet Number:
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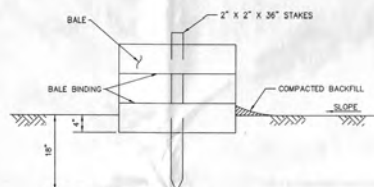
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BASIN NO.	WEIR		LINING		CHANNEL		DISSIPATER		RIPRAP	
	Z3 (FT)	Z4 (FT)	TOP ELEV (FT)	CREST ELEV (FT)	WIDTH (FT)	RIPRAP SIZE (R-)	RIPRAP THICK. (IN)	Z1 (FT)	DEPTH (FT)	LENGTH (FT)
1	2	2	1480.5	1488.5	3.5	4	15	3	2.5	30

Dimension PI should be 5' minimum.

SEDIMENT BASIN EMERGENCY SPILLWAY DETAIL
NOT TO SCALE

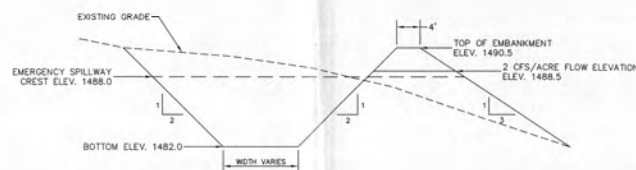


STRAW BALE BARRIERS SHOULD NOT BE USED FOR MORE THAN 3 MONTHS.
STRAW BALE BARRIERS SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 6 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT.

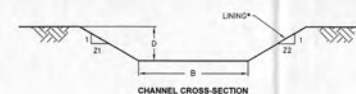
SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE ABOVE GROUND HEIGHT OF THE BARRIER.

ANY SECTION OF STRAW BALE BARRIER WHICH HAS BEEN UNDERMINED OR TOPPED SHALL BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET. SEE STANDARD CONSTRUCTION DETAIL #18.

STRAW BALE BARRIER
NOT TO SCALE



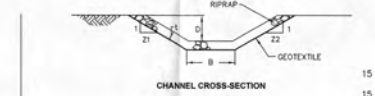
SEDIMENT BASIN 1 DETAIL
NOT TO SCALE



CHANNEL	STATIONS	BOTTOM WIDTH B (FT)	DEPTH D (FT)	Z1 (FT)	Z2 (FT)	LINING*
A	1+85 TO 0+80	4	1	2	2	JUTE MATTING
A	0+80 TO 0+00	4	1	2	2	JUTE MATTING
B	3+85 TO 3+88	6	1.2	2	2	JUTE MATTING
B	3+88 TO 1+88	6	1.2	2	2	JUTE MATTING
B	1+88 TO 0+00	6	1.2	2	2	JUTE MATTING

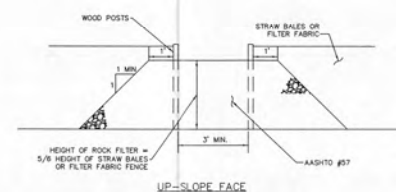
* See Manufacturer's Lining Installation Detail for Staple Patterns, and Vegetation Stabilization Specifications for Soil Amendments, Seed Mixtures, and Mulching Information.

VEGETATED CHANNEL DETAIL
NOT TO SCALE



CHANNEL NO.	STATIONS	BOTTOM WIDTH B (FT)	DEPTH D (FT)	Z1 (FT)	Z2 (FT)	RIPRAP SIZE (R-)	RIPRAP THICK. (IN)
CHANNEL 'A' TO POND BOTTOM	0+25 TO 0+00	5	1	2	2	4	
CHANNEL 'B' TO POND BOTTOM	0+46 TO 0+00	5	1	2	2	4	

RIPRAP CHANNEL
NOT TO SCALE



Sediment must be removed when accumulations reach 1/3 the height of the outlet. All rock shall be limestone.

ROCK FILTER OUTLET
NO SCALE

AS-BUILT

US Army Corps of Engineers
Baltimore District

Rev.	Description	Date
1	AS-BUILT	11/11/13

U.S. ARMY ENGINEER DISTRICT, BALTIMORE
CORPS OF ENGINEERS
BALTIMORE, MARYLAND
Contract Number:
11B01-13
File name:
11B01-13-001
Per name:
AS-BUILT

DRAFT SITE PLAN
SECTION 206, ACC. AND DRAINAGE
BENNETT TOWNSHIP, ELK COUNTY, PA
EROSION AND SEDIMENTATION CONTROL PLAN
DETAILS

Sheet Number:
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