GPO Form 2511 (CDC Adobe Acrobat 3.01 Electronic Version, 9/98)

PRINT ORDER

You are hereby authorized to manufacture and ship the following described product in accordance with the purchase order and specifications indicated.

DEPARTMENT	REQ. NO.	DATE	PURCHASE ORDER NO.	PRINT ORDER NO.
DPA/ARMY/COE/BUF		10/14/04		181

CONTRACTOR	JACKET NO.	ESTIMATED COST	SHIP/DEL DATE
ARHENS GRAPHICS	602-803		10/18/04

TITLE	OBJECT CLASS	STATE CODE	CONTR'S CODE	PROGRAM NO.
Belvidere trust 200401956 as			020717	5200-S

PROOFS	SETS	DATE DUE TO GOV'T	DAYS GOV'T WILL HOLD	RETURN DATE TO CONTR.	APPROPRIATION CHARGEABLE	BILLING ADDRESS CODE (BAC)	QUANTITY
Galley		//		//	4404 Regulatory		50
Page		//		//	COMPOSITION: Phototype / Cold Type / Hot Metal	QUALITY LEVEL	TRIM SIZE
Blues		//		//			

MATERIAL FURNISHED TO CONTRACTOR						
Manuscript	Halftones	Line Illus.	Camera Copy	Negatives	Binders	Other

TEXT STOCK	COVER STOCK	NO. OF TEXT PAGES (Including Blanks)	FOLD-IN STOCK
20LB WHITE		approx 19	

FOUR COLOR PROCESS PRNTG. Cover 1 2 3 4 Text	COLOR OF INK Cover	Text	COVER PRINTS 1 2 3 4	FOLD-INS/FORMS Face Only	Face & Back	STRIP-INS	NEGATIVES (No. Required)
		black					

BINDING			
1 ULC	Sew	Band units of	
Saddle	Trim 4 Sides	Shrink Film Wrap units of	
Side	Perf. on Fold	Other	
Perfect	Adhesive Strip		

Drill ____ round holes ____ *in diameter on ____ side ____ inches c. to c.

Center of holes ____ inches from ____ edge of sheet

Pads of ____ sheets/sets each. Pad on the ____ *side. Chipboard required.

Pack ____ per shipping container. ☐ Pallets required.

DISTRIBUTION

RETURN NEGS. TO GPO FOR STORAGE NO ☐ YES ☐

RETURN ORIG. AND/OR NEGS. TO:

PLEASE REPRODUCE 50 COPIES OF THE ATTACHED 19 PAGE DOCUMENT WITH THE FOLLOWING ATTRIBUTES:
FORMAL A8.5X11 HEAD TO HEAD
STAPLE, UPPER LEFT CORNER
COLLATE

Departmental Authority (Signature and Title)	Purchase Obligation	DATE SENT TO CONTRACTOR
		//

CONTRACTOR TO COMPLETE BOTTOM PORTION AND MAIL ENTIRE FORM TO: COMPTROLLER-FME, FINANCIAL MANAGEMENT SERVICE, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20401

Contractor Invoice No. ____ Date Prepared // ____

Date of Delivery/Shipment // ____ Discount Terms ____

ARTICLES OR SERVICES	QUANTITY	UNIT PRICE COST	UNIT PRICE PER	AMOUNT
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
IF ADDITIONAL SPACE IS REQUIRED, USE STD. FORM 1034, 1035, OR ATTACH YOUR INVOICE.			TOTAL	$0.00

I CERTIFY THAT THE MATERIAL, GOODS, OR SERVICES HAVE BEEN DELIVERED /SHIPPED ON THE DATE INDICATED ABOVE AND THAT PAYMENT OR CREDIT HAS NOT BEEN RECEIVED

The penalty for making false statements to the Government is prescribed in 18 USC 1001

(Signature of person authorized to sign)

Public Notice

Applicant: Belvidere Trust

Date:
Published: October 18, 2004
Expires: November 16, 2004

U.S. Army Corps of Engineers
Buffalo District **CELRB-TD-R** **In Reply Refer To:**
RE: 2004-01956(0) **Section:** NY 404

Application for Permit under Authority of Section 404 of the Clean Water Act (33 U.S.C. 1344).

The applicant, Belvidere Trust, in conjunction with Belvidere Villa, P.O. Box 162, Belmont, New York, has proposed to place 19,921 cubic yards of fill and excavate 20,000 cubic yards of material in association with the restoration of 2,300 linear feet of the Genesee River. The project site is located just upstream of the County Road 20 bridge, in the Town of Angelica, Allegany County, New York.

The project consists of the following, (all fill amounts given are below Ordinary High Water,(OHW) unless otherwise noted)

a. The discharge associated with the removal of an existing gravel bar located immediately upstream of the County Route 20 bridge and re-depositing it along the southern bank facing downstream. Total materials involved with the removal and re-deposition is 4,259 cubic yards (Sheet 7 of 16). The work will be performed by means of an excavator.

b. Installation of 650 linear feet of tree revetment as armor for the re-deposited gravel bar on the southern bank. The trees shall be angled downstream to direct channel flow toward the center of the river bed rather than against the north and south banks (Sheet 7 of 16).

c. The discharge associated with the excavation of 18,768 cubic yards of material in association with the construction of a new channel for flow diversion (Sheets 8, 9 & 12 of 16) by means of an excavator.

d. The installation of four concrete block deflection structures comprising a total of 237 cubic yards (Sheet 8 of 16). These structures are designed to maintain the river's bank flow as well as accommodate the floodway flow. This is intended to direct safe flow through the bridge area.

e. The discharge associated with the modified curve in the current channel's route that will be constructed by excavating 46,801 cubic yards of material and creating a bench at the base of the critical high bank where the river directs the majority of its energy (Sheets 8 & 9 of 16).

f. The installation of heavy rock rip-rap revetment and three grade stabilizers totalling 4,110 cubic yards of fill (Sheets 5-10, & 13-16 of 16). The purpose of this rock is to protect the outside and vulnerable bank of the modified stream section, prevent upstream degradation, establish and maintain riffle/pool morphology and reduce the possibility of thalweg degradation.

g. The installation of 277 cubic yards of rock rip-rap along both banks of an unnamed tributary entering into the site (Sheets 9 & 11 of 16). This rip rap will stretch along 125 linear feet on either side of the tributary. This will serve to protect the Genesee River from further sedimentation caused be the rapidly eroding banks of the tributary during flood events.

The purpose of the project is to halt severe bank erosion that is encroaching on the nationally listed, historic Belvidere Villa Estate. The lateral movement of the river toward the Villa has exceeded 1260 lineal feet over the past 29 years and is now within 170 feet of many of the Villa's attendant features.

Location and details of the above described work are shown on the attached maps and drawings.

Questions pertaining to the work described in this notice should be directed to Aaron C. Smith, who can be contacted by calling (315) 255-8090, or by e-mail at: aaron.c.smith@usace.army.mil

The following authorization(s) may be required for this project:

Water Quality Certification (or waiver thereof) from the New York State Department of Environmental Conservation.

There is one registered historic property or a property listed as being eligible for inclusion in the National Register of Historic Places that may possibly be affected by this project. Belvidere Villa Estate, property No. 72000822 as listed on the National Register.

In addition, available evidence indicates that the proposed work will not affect a species proposed or designated by the U.S. Department of the Interior as threatened or endangered, nor will it affect the critical habitat of any such species.

This notice is promulgated in accordance with Title 33, Code of Federal Regulations, parts 320-330. Any interested party desiring to comment on the work described herein may do so by submitting their comments, in writing, so that they are received no later than 4:30 pm on the expiration date of this notice.

Comments should be sent to the U. S. Army Corps of Engineers, 7413 County House Road, Auburn, New York 13021, and should be marked to the attention of Aaron C. Smith, or by e-mail at: aaron.c.smith@usace.army.mil. A lack of response will be interpreted as meaning that there is no objection to the work as proposed.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments will be made a part of the administrative record which is available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any individual may request a public hearing by submitting their written request, stating the specific reasons for holding a hearing, in the same manner and time period as other comments.

Public hearings for the purposes of the Corps permit program will be held when the District Commander determines he can obtain additional information, not available in written comments, that will aid him in the decision making process for

this application. A Corps hearing is not a source of information for the general public, nor a forum for the resolution of issues or conflicting points of view (witnesses are not sworn and cross examination is prohibited). Hearings will not be held to obtain information on issues unrelated to the work requiring a permit, such as property ownership, neighbor disputes, or the behavior or actions of the public or applicant on upland property not regulated by the Department of the Army. Information obtained from a public hearing is given no greater weight than that obtained from written comments. Therefore, you should not fail to make timely written comments because a hearing might be held.

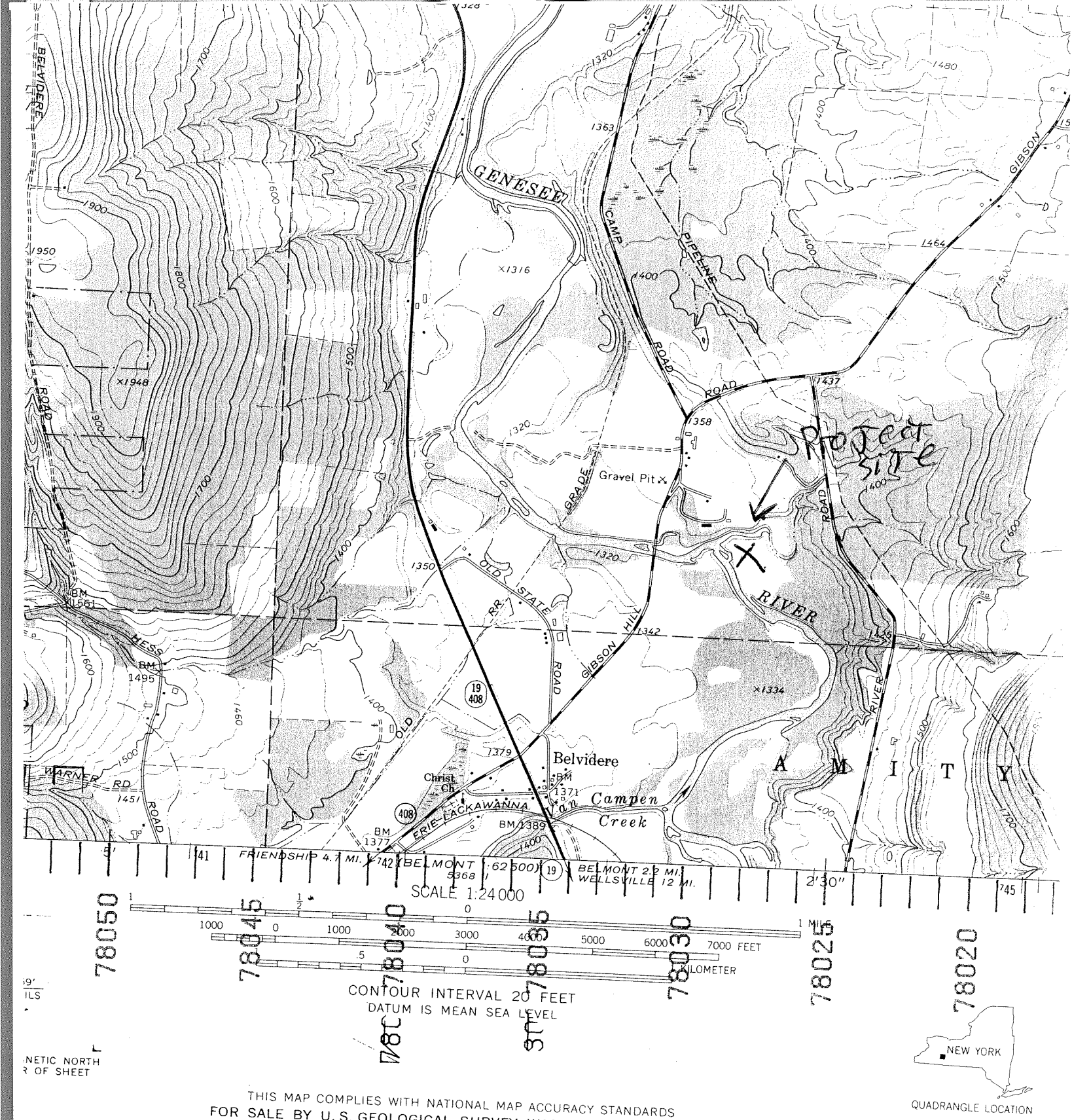
The decision to approve or deny this permit request will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain 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.

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. 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.

SIGNED

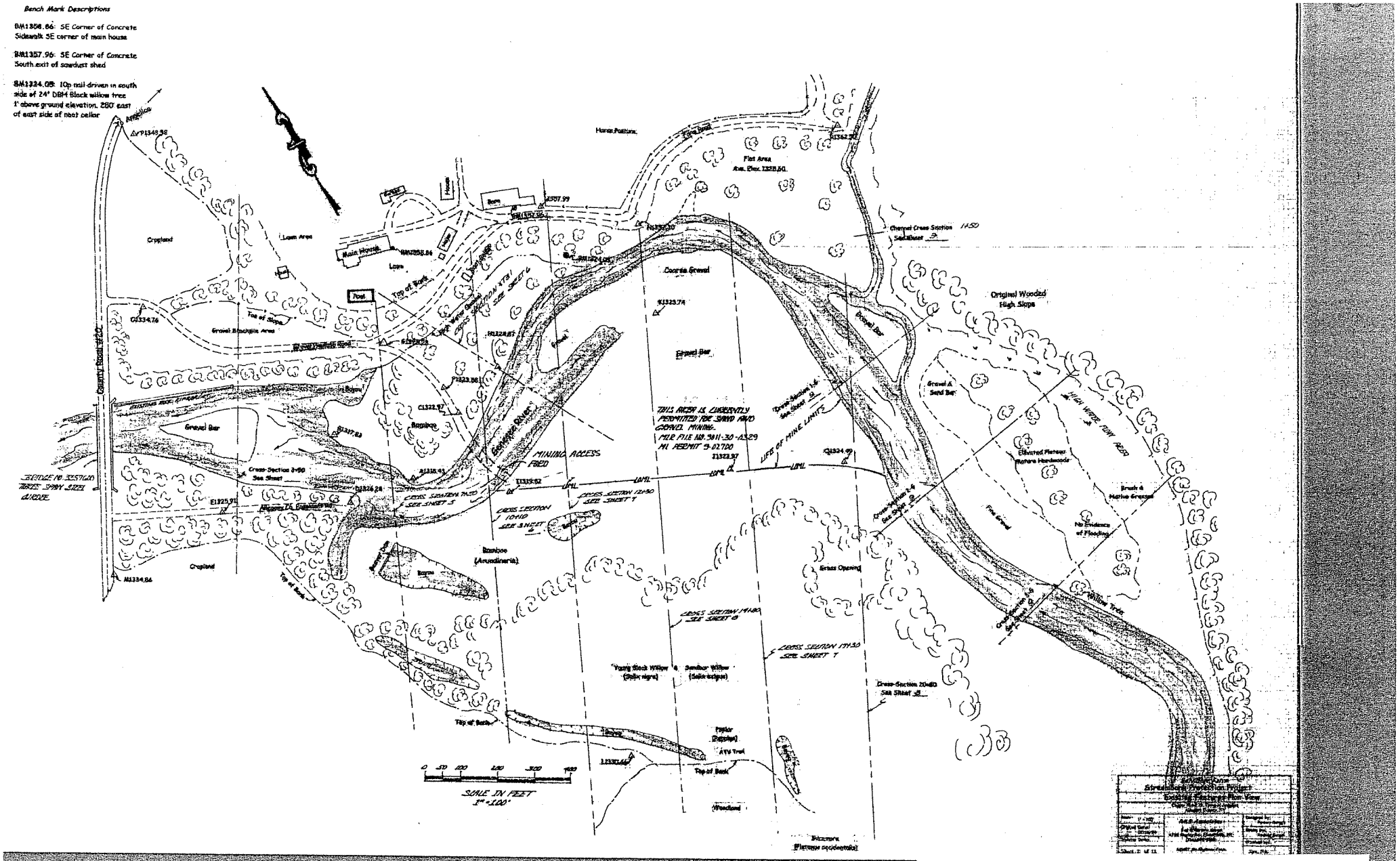
Thomas C. Switala
Chief, Regulatory Branch

NOTICE TO POSTMASTER: It is requested that this notice be posted continuously and conspicuously for 30 days from the date of issuance.



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

BELVIDERE TRUST
D/A Processing No. 2004-01956(0)
Allegany County, New York Quad: ANGELICA
Sheet 1 of 16



(Current Conditions)

BELVIDERE TRUST
D/A Processing No. 2004-01956(0)
Allegany County, New York Quad: ANGELICA
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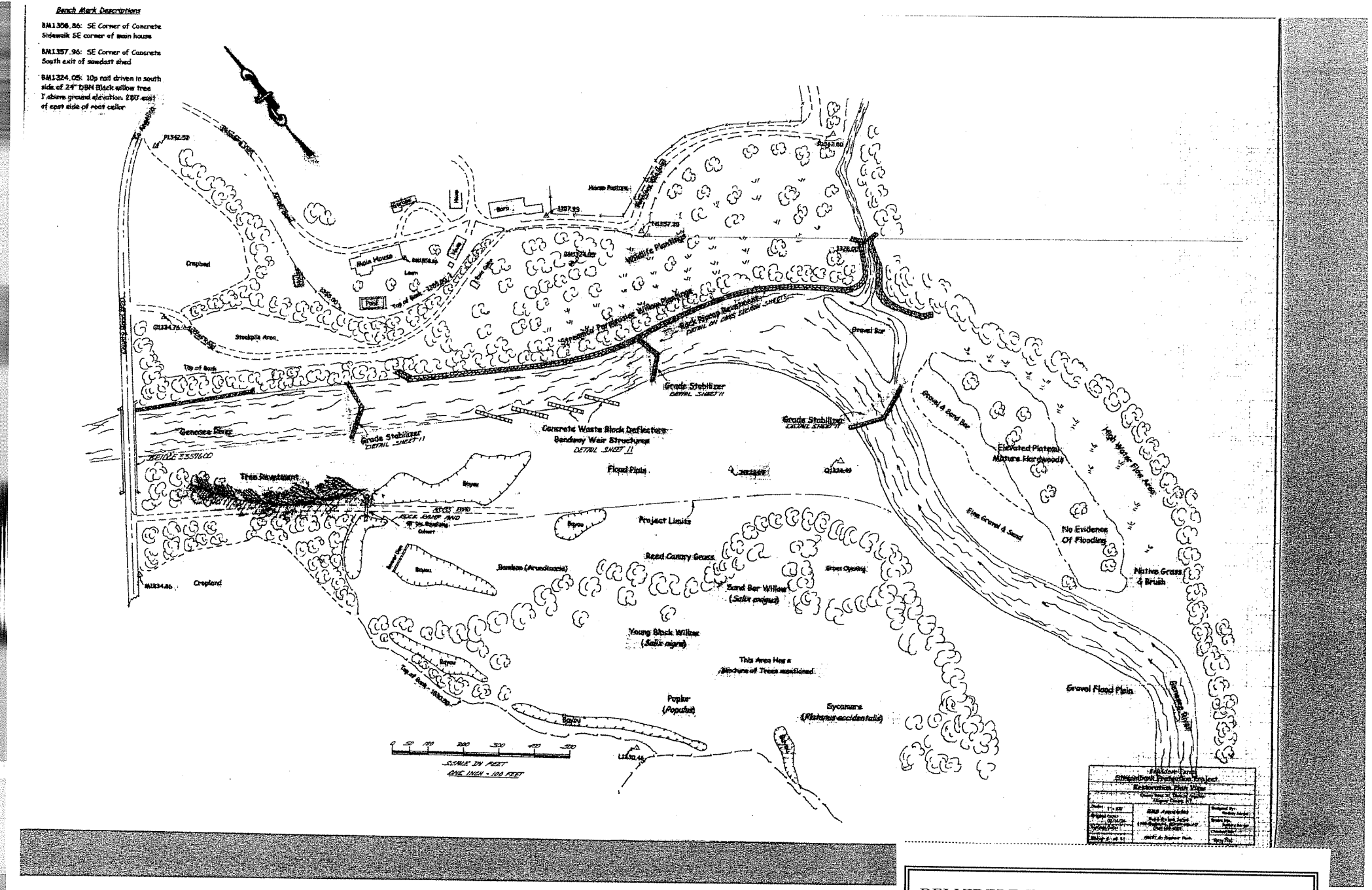
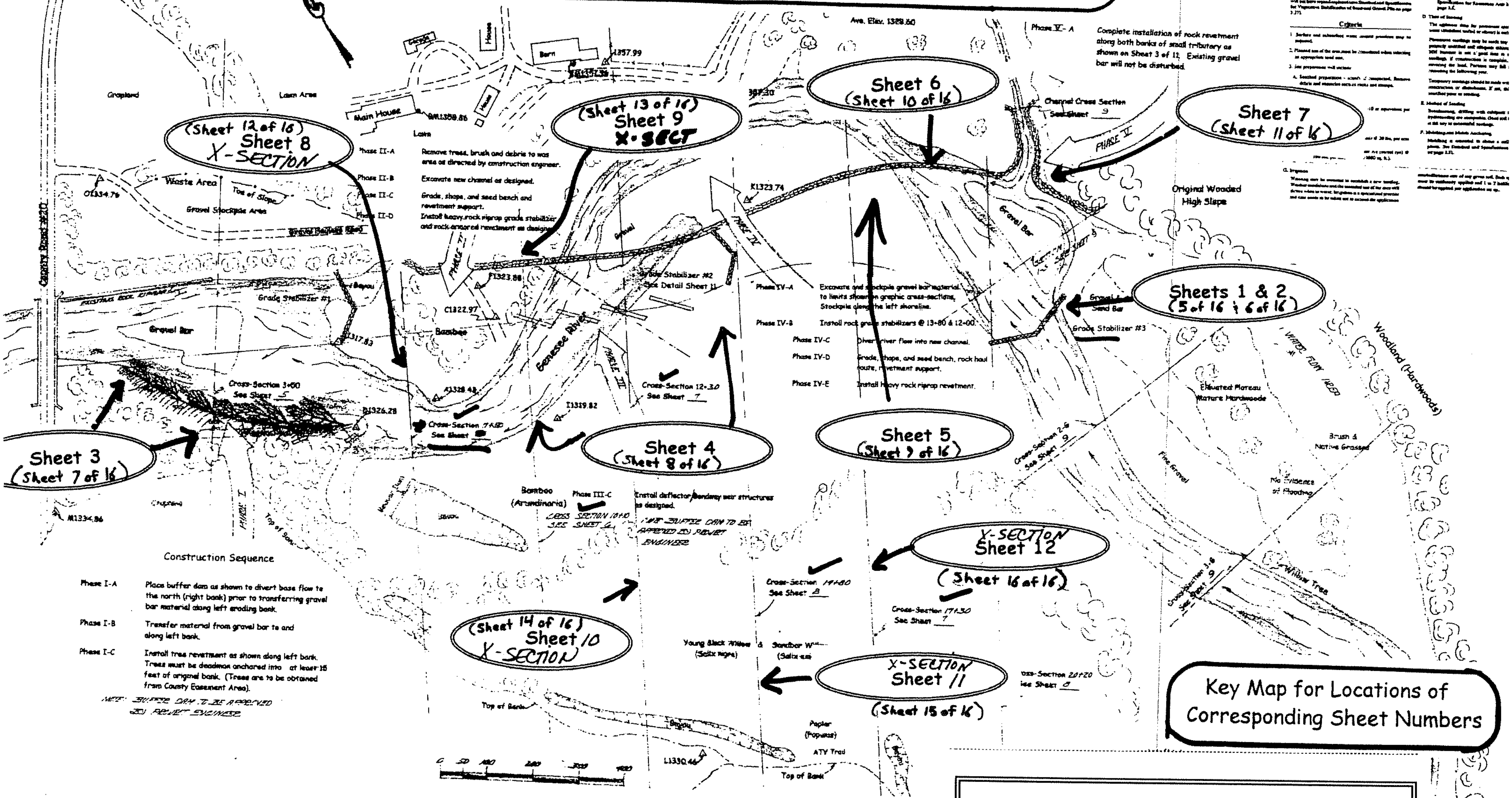


(Proposed)

BELVIDERE TRUST
D/A Processing No. 2004-01956(0)
Allegany County, New York Quad: ANGELICA
Sheet 3 of 16

Please Note: These pages are only excerpts from several pages (24" x 36" in size) of a very detailed engineering design. Due to US Army Corps of Engineers' specifications, only 8 ½" x 11" size pages are to be used. Therefore, these do not represent the high quality of detail, accuracy or neatness of the original design. If anyone needs more detailed information in regards to this design please call Rod Sergel @ 716-699-8519.



BELVIDERE TRUST
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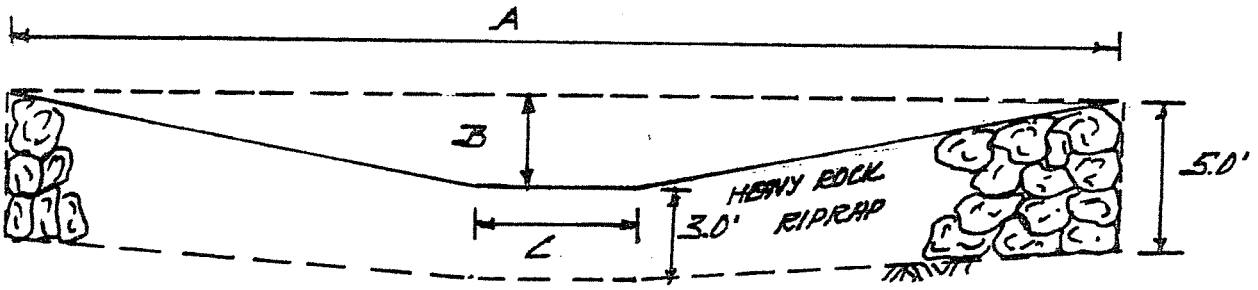
Allegany County, New York Quad: ANGELICA
Sheet 4 of 16

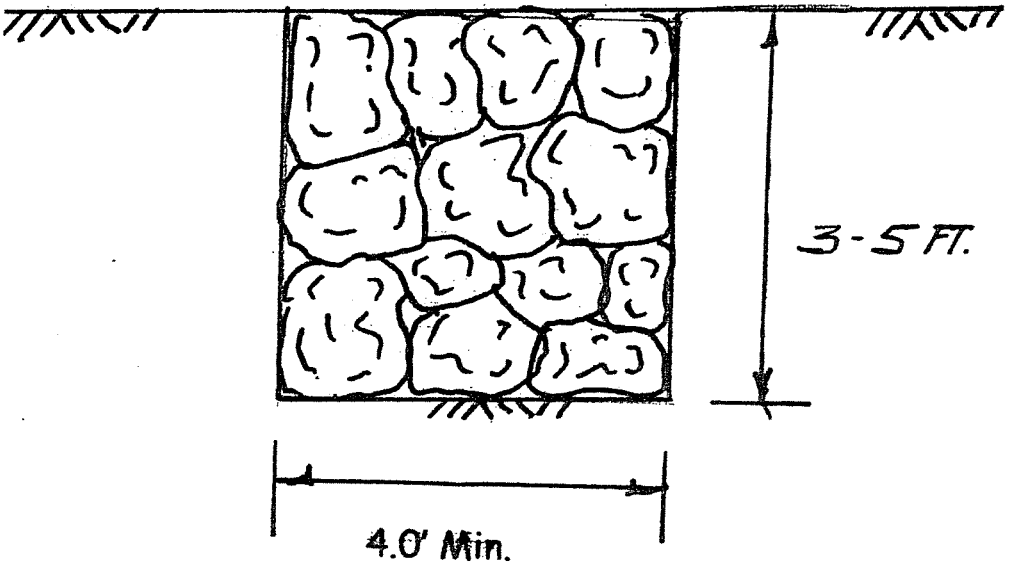
Rock Grade Stabilizer Detail
Cross Section
Not to Scale



Grade Stabilizer	A	B	C
No. 1	152	3	20
No. 2	152	3	20
No. 3	216	3	30

River's Direction of Flow

River Thalweg



Heavy Rock Riprap
Grade Stabilizer
Scale: 1" = 2'

BELVIDERE TRUST
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Allegany County, New York Quad: ANGELICA
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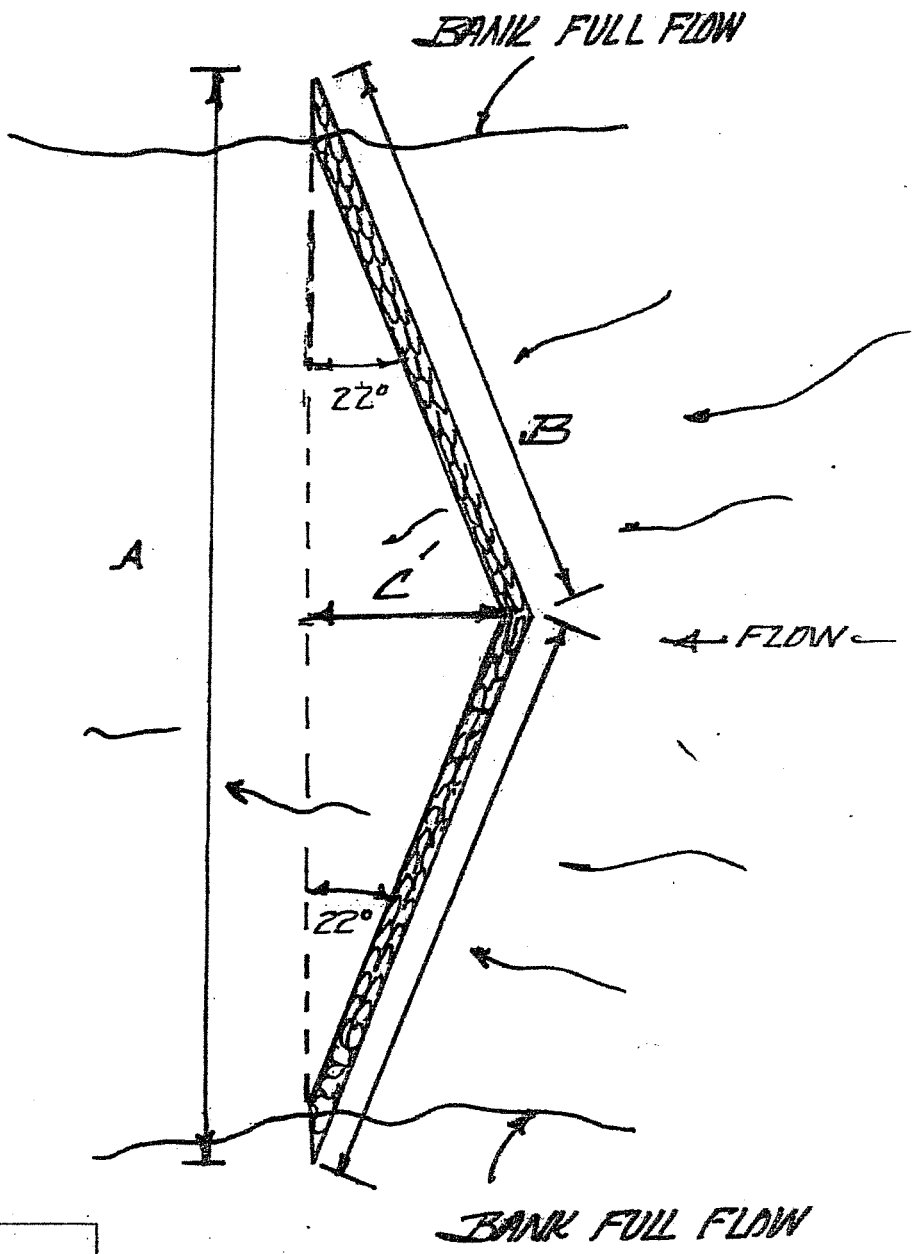
Sheet 1

Rock Grade Stabilizer Detail

Plan View

Not to Scale



Grade Stabilizer	A	B	C
No. 1	140	76.2	28.3
No. 2	140	76.2	28.3
No. 3	200	107.9	40.4

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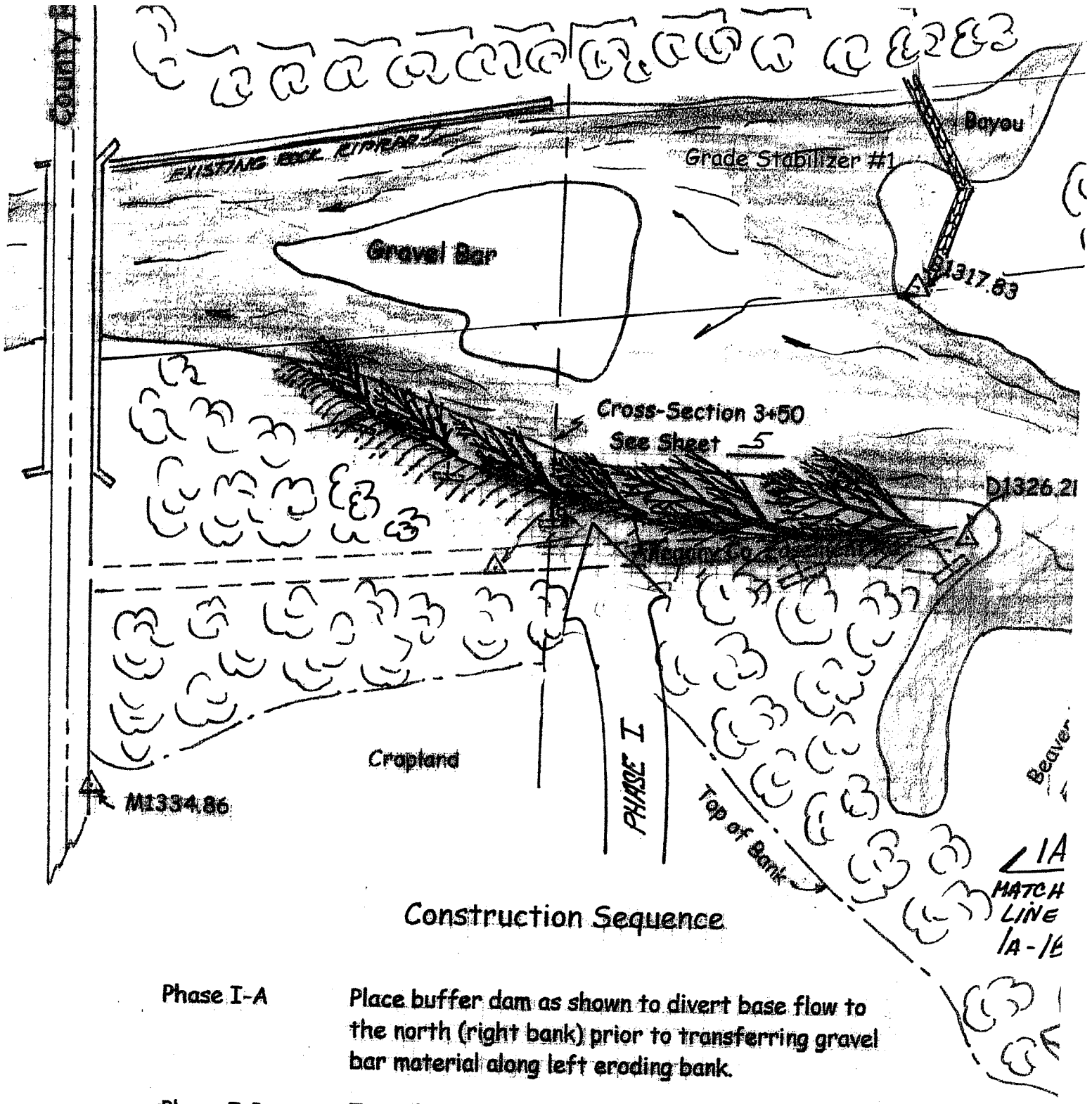

Construction Sequence

Phase I-A Place buffer dam as shown to divert base flow to the north (right bank) prior to transferring gravel bar material along left eroding bank.

Phase I-B Transfer material from gravel bar to and along left bank.

Phase I-C Install tree revetment as shown along left bank. Trees must be deadman anchored into at least 15 feet of original bank. (Trees are to be obtained from County Easement Area).

TO BE APPROVED
ENGINEER

BELVIDERE TRUST
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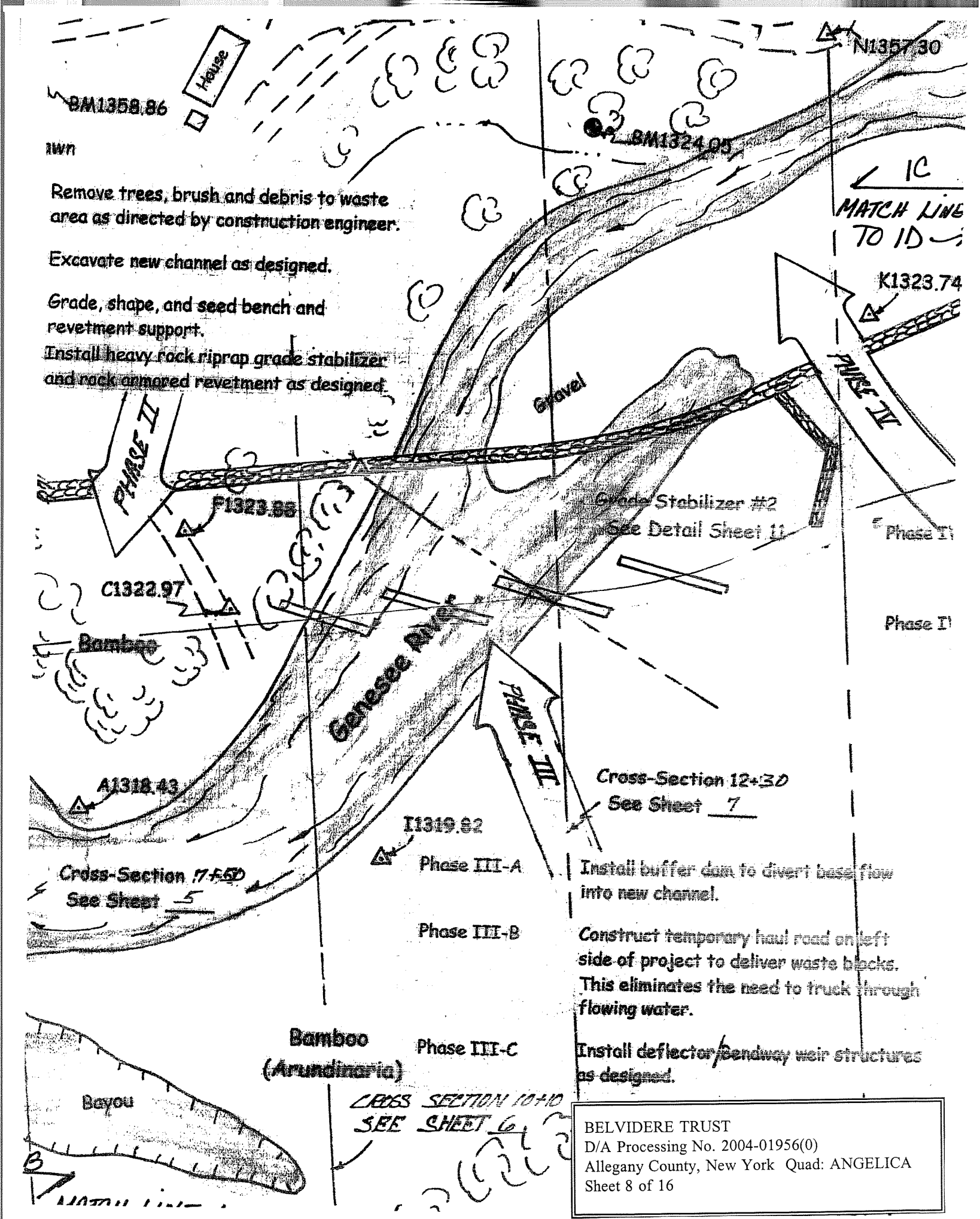
Sheet 7 of 16



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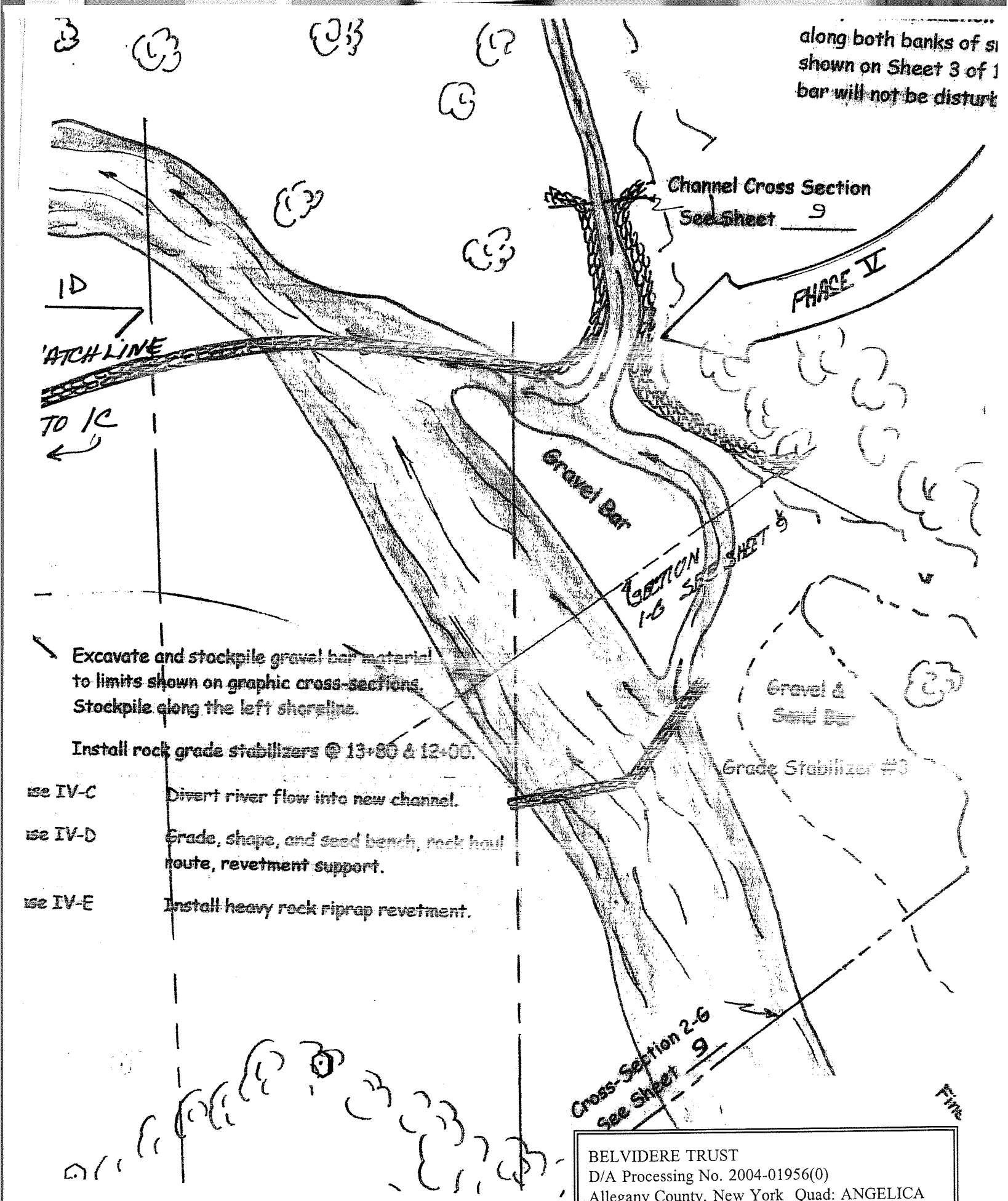

BELVIDERE TRUST
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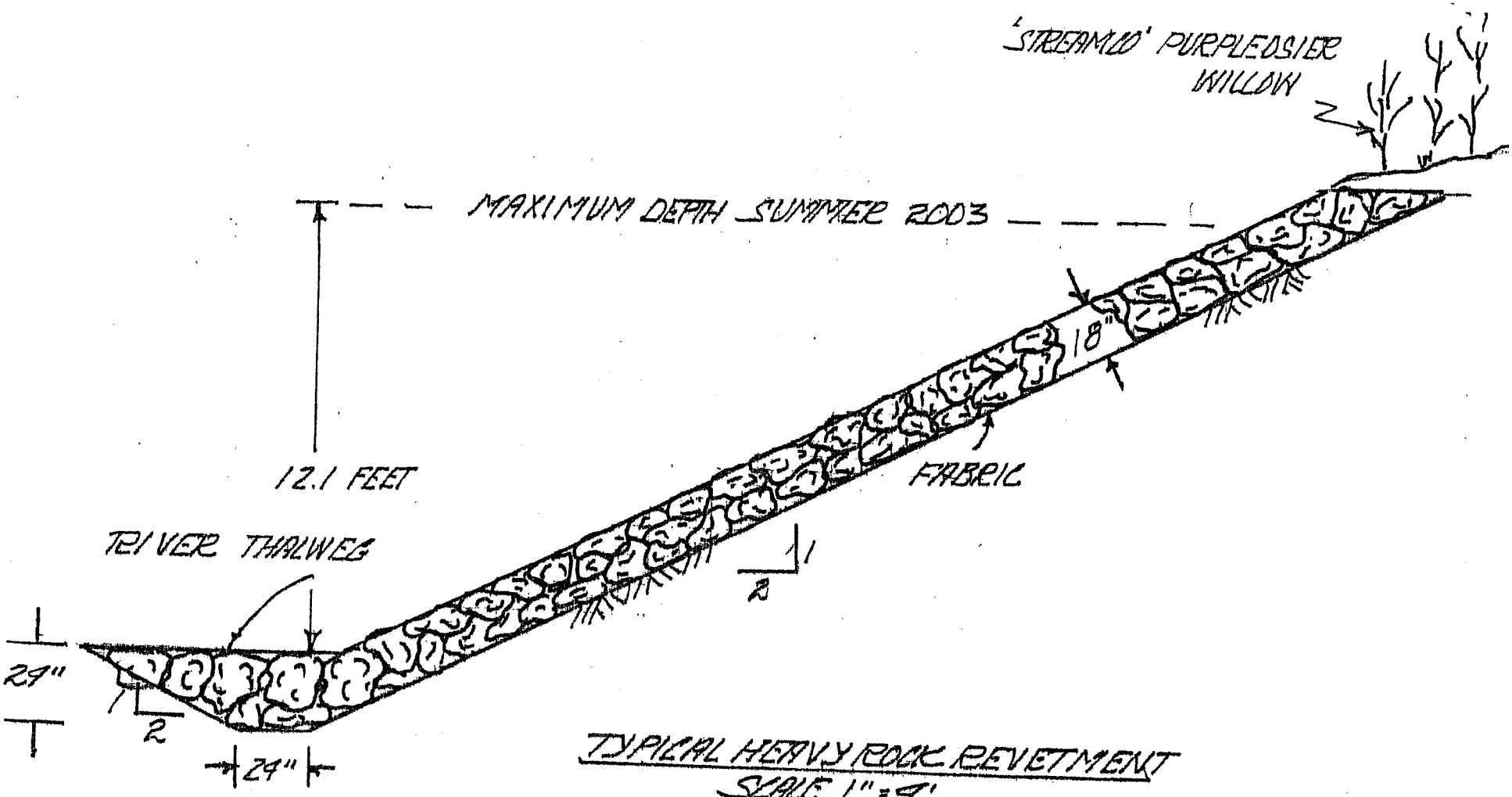

TYPICAL HEAVY ROCK REVETMENT
SCALE 1"=4'

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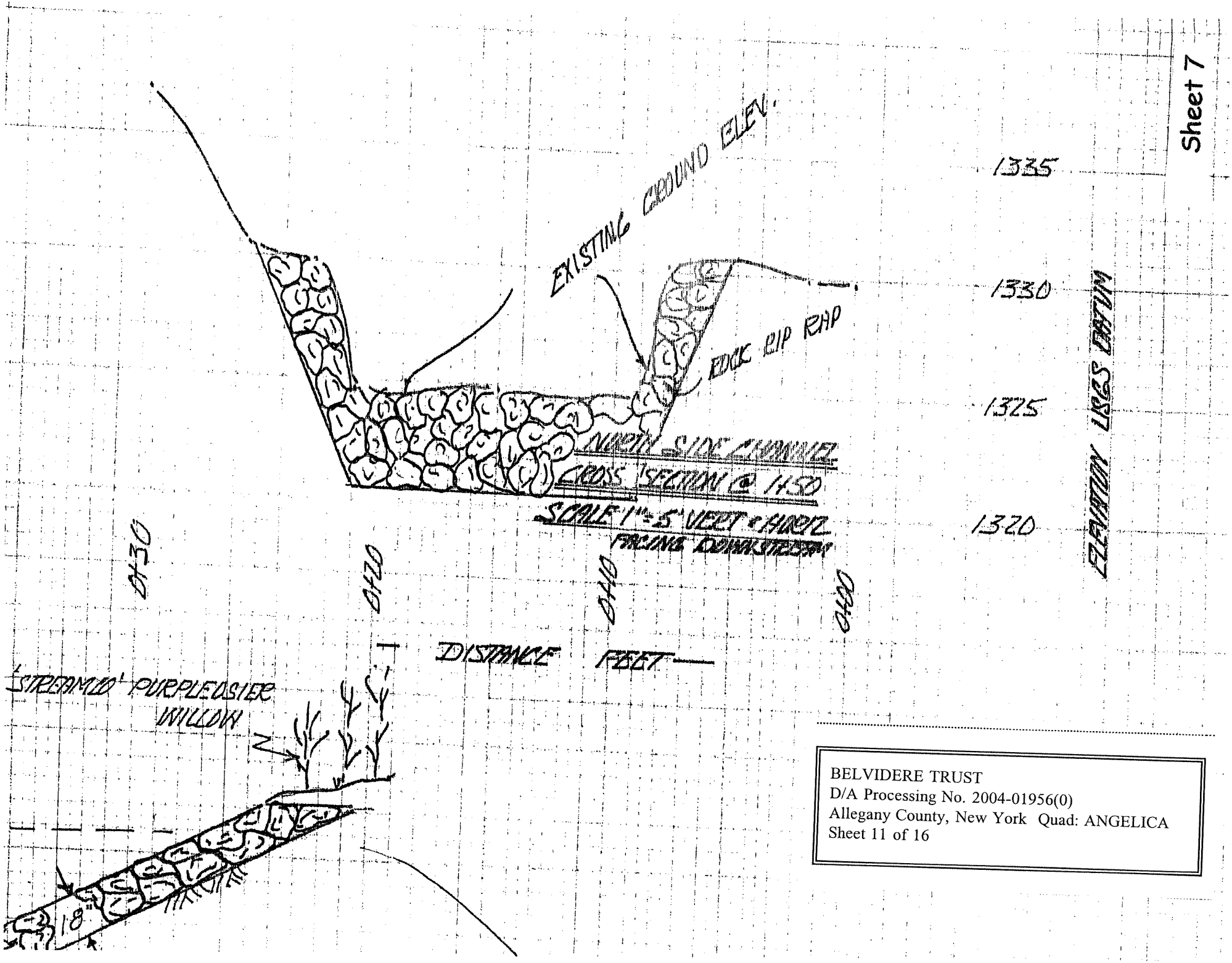
Sheet 6



Sheet 7

BELVIDERE TRUST
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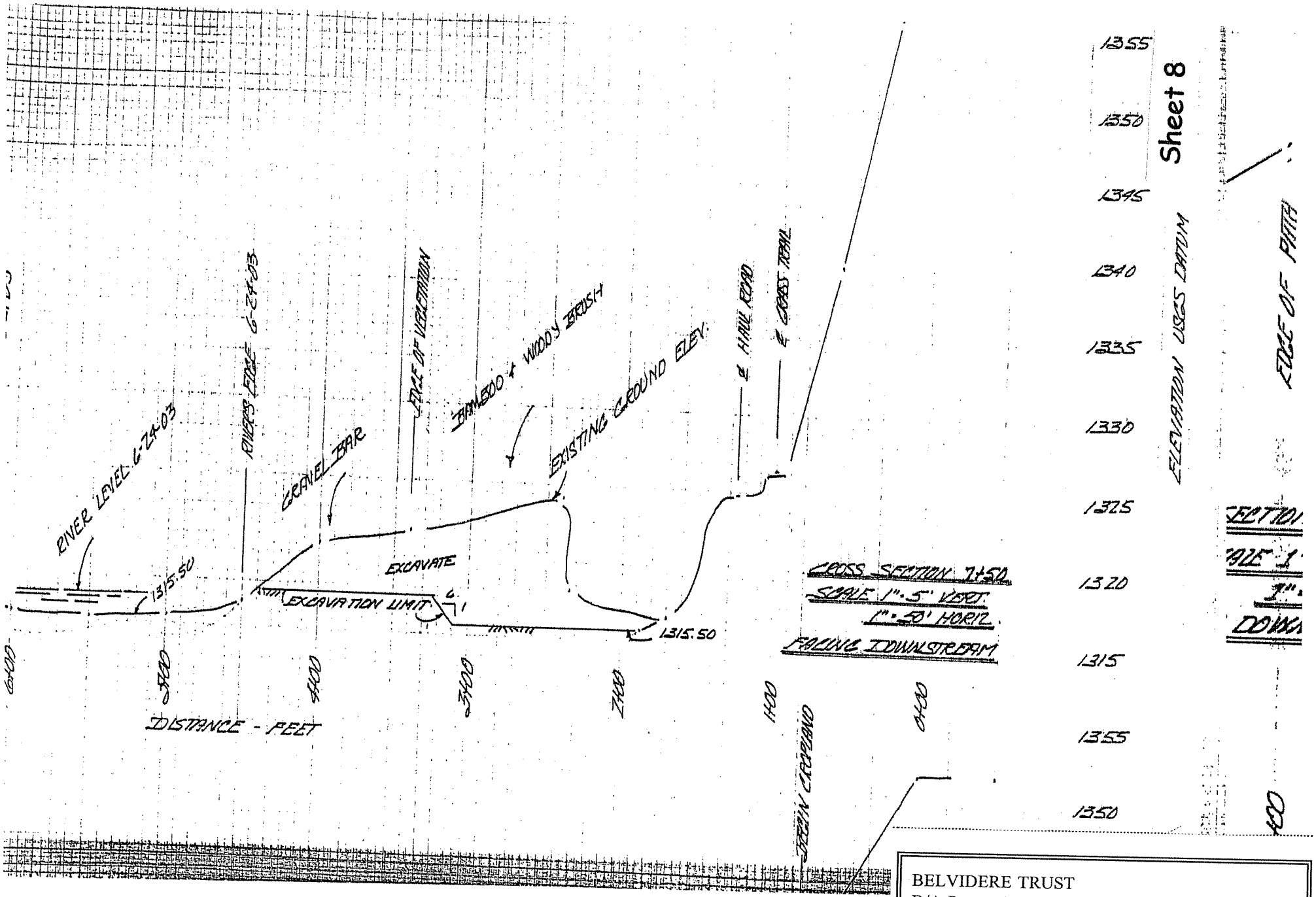

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BELVIDERE TRUST
D/A Processing No. 2004-01956(0)
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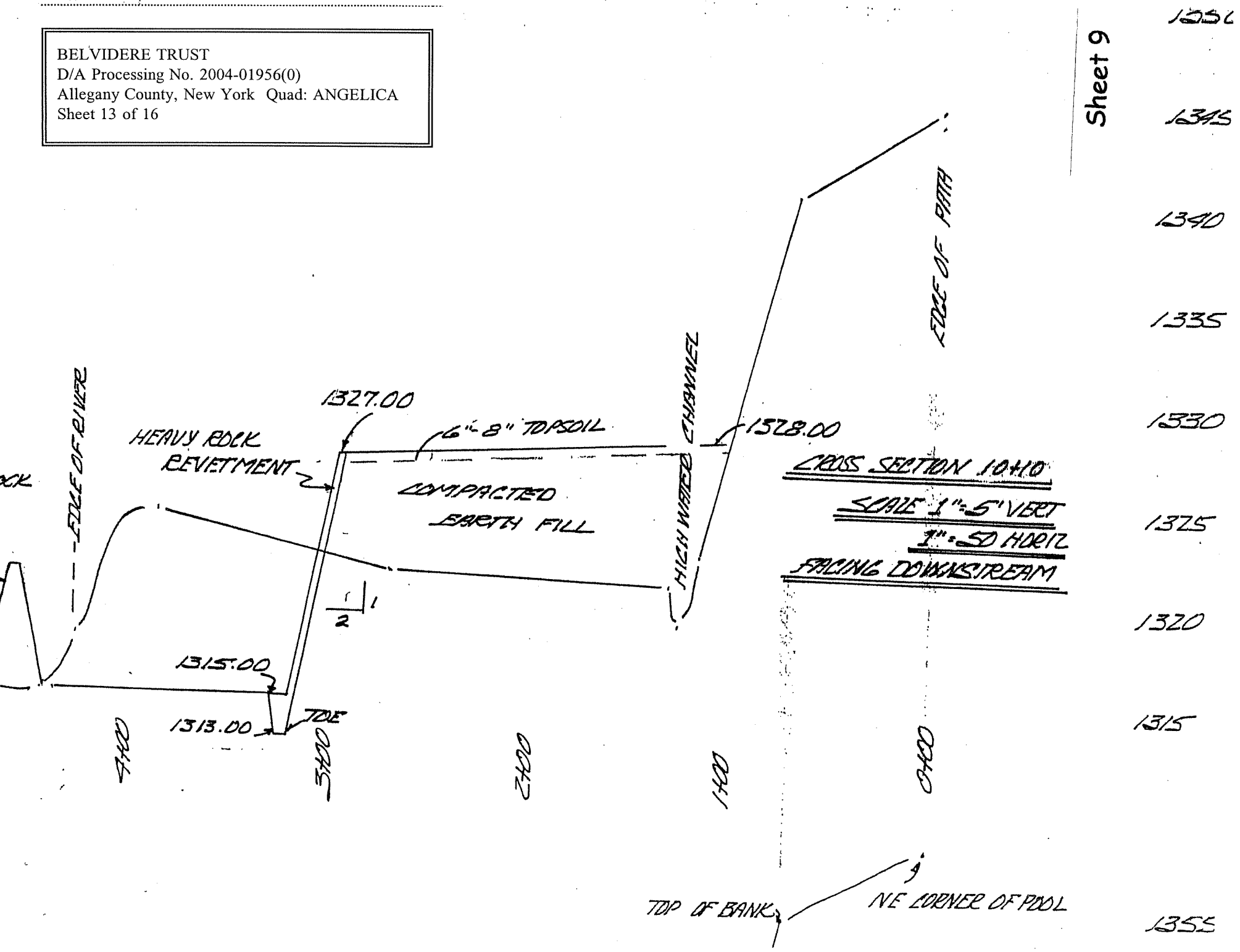

BELVIDERE TRUST
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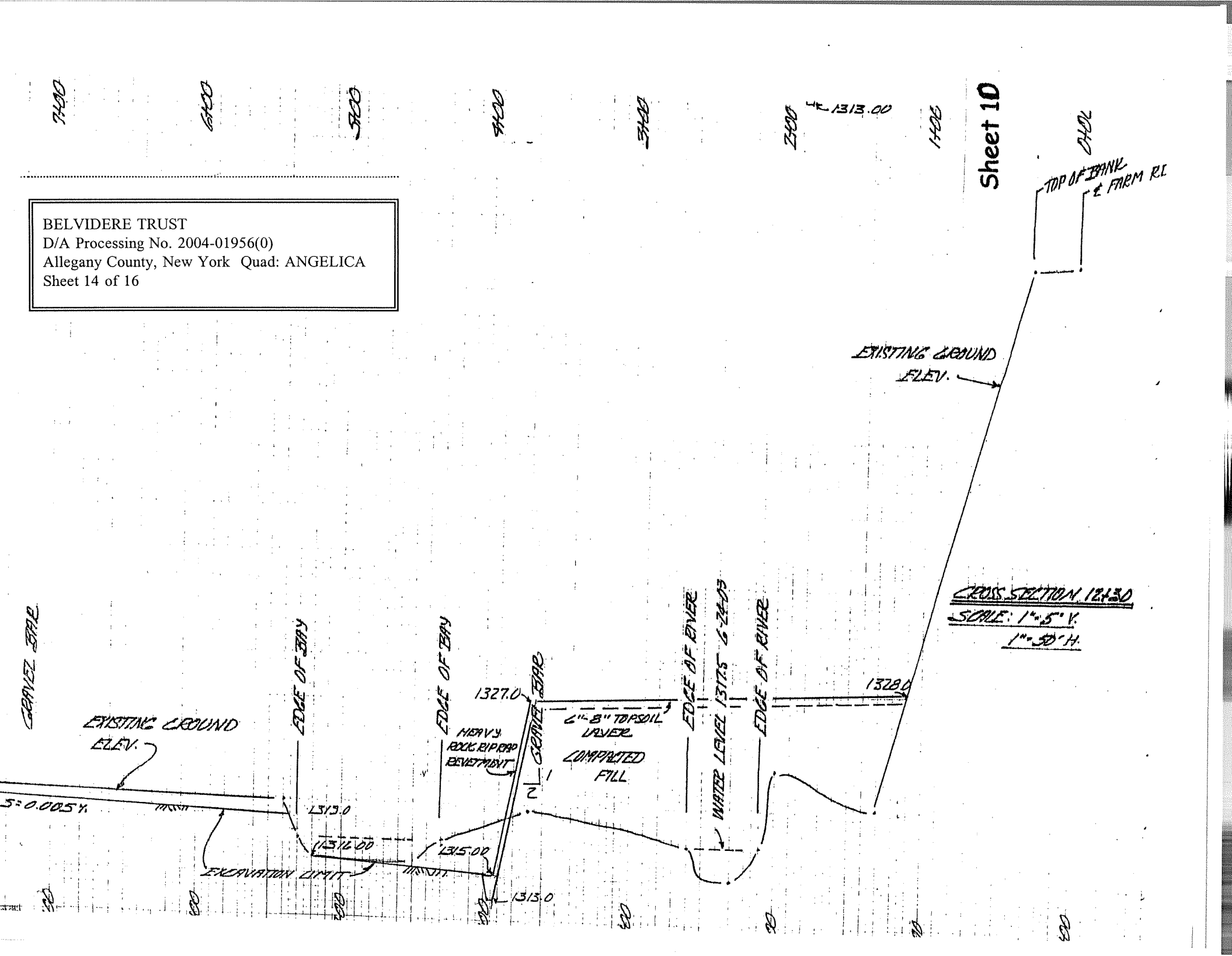

BELVIDERE TRUST
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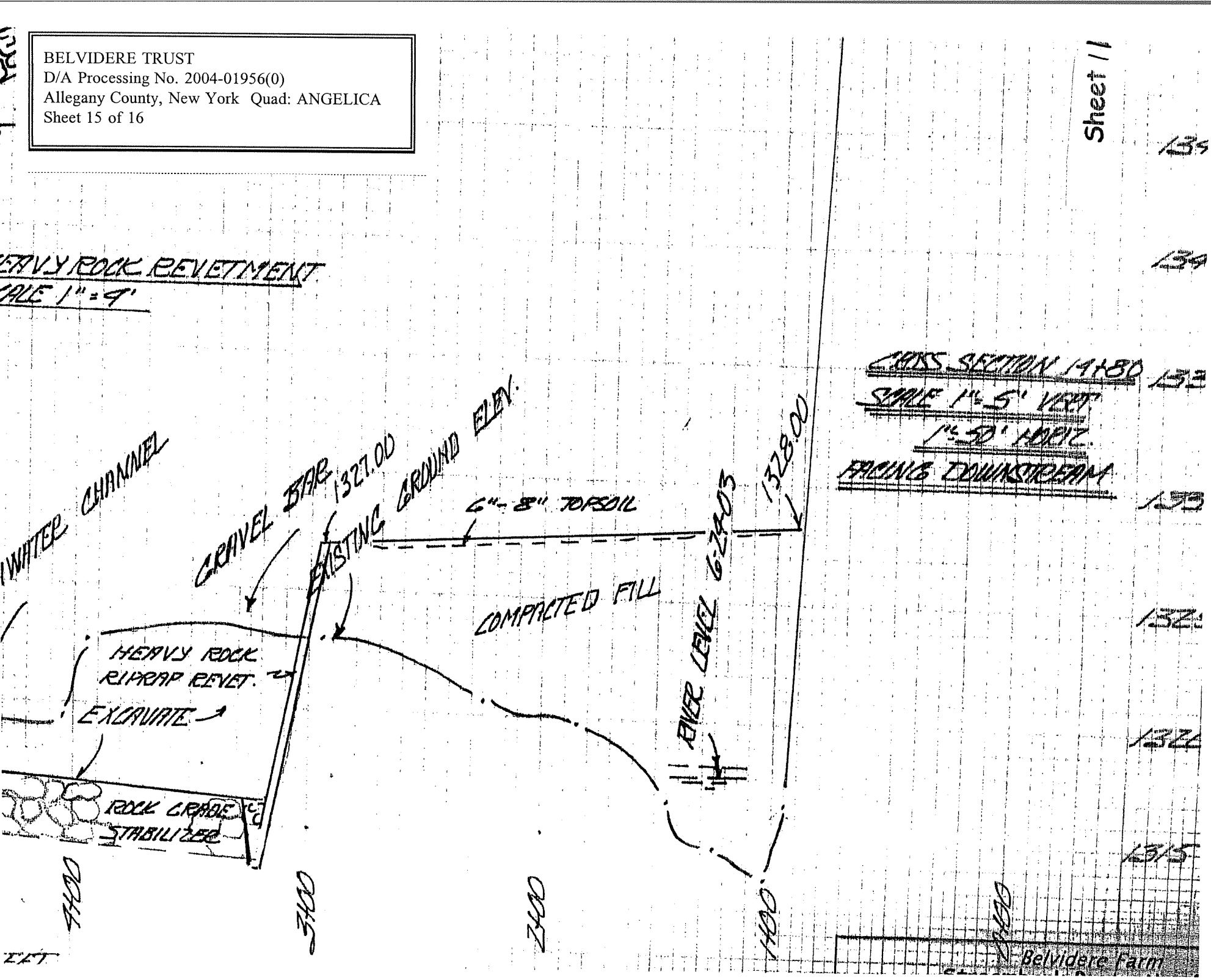
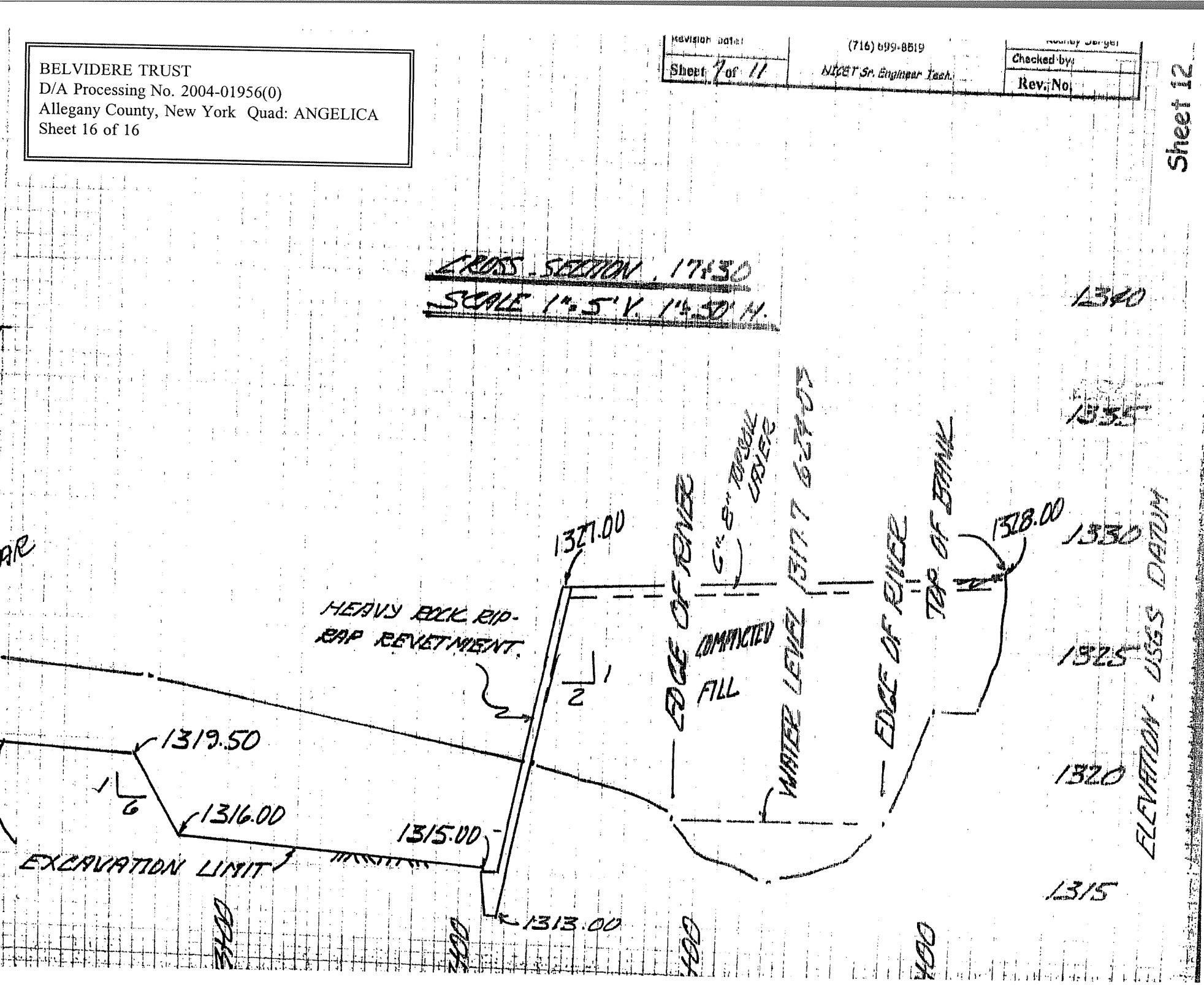


BELVIDERE TRUST
D/A Processing No. 2004-01956(0)
Allegany County, New York Quad: ANGELICA
Sheet 16 of 16

Revision Date | (716) 699-8819 | Checked by:
Sheet 7 of 11 | NICET Sr. Engineer Tech. | Rev. No.

Sheet 12

CROSS SECTION 17+50
SCALE 1"=5' V. 1"=30' H.



all

PID#:20000896
COMMANDER, OAN
NINTH COAST GUARD DISTRICT
ATTN: PATON DESK
1240 E NINTH STREET
CLEVELAND OH 44199-2060

PID#:20000971
NATIONAL PARK SERVICE
601 RIVERFRONT DRIVE
OMAHA NE 68102