



# Public Notice

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**US ARMY CORPS  
OF ENGINEERS  
St. Louis District  
Gateway to Excellence**

**Reply To:  
U.S. Army Corps of Engineers  
Attn: Regulatory Branch  
1222 Spruce Street  
St. Louis, Missouri 63103-2833**

Public Notice No.

**P-2463**

Public Notice Date

**April 7, 2005**

Expiration Date

**April 28, 2005**

**Postmaster Please Post Conspicuously Until:**

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File Number: 200402150

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States, as described below and shown on the attached maps.

**COMMENTS AND ADDITIONAL INFORMATION:** All comments and/or requests for public hearing must reach this office no later than the expiration date of the Public Notice to become part of the record and be considered in the decision. Comments should be mailed to the following address:

U.S. Army Corps of Engineers  
Regulatory Branch  
1222 Spruce Street  
St. Louis, Missouri 63103-2833  
ATTN: Mr. Rob Gramke

**APPLICANT:** Holcim (US) Inc. Attn: Mr. Larry Scales, 14738 Highway 79, Clarksville, Missouri 63336.

**AGENT:** Leggette, Brashears & Graham, Inc., Attn: Mr. John Bogner, 4850 Lemay Ferry Road, Suite 025, St. Louis, Missouri 63129.

**LOCATION:** The project site is located west of the existing Holcim (US) Inc. Clarksville Missouri Plant at the above address, near the intersection of Highway N and State Route 79. More specifically, the site is located in Sections 13, 14, 23 and 24, Township 53 North, Range 1 West, near Clarksville, Pike County, Missouri.

**PROJECT DESCRIPTION:** Applicant seeks authorization to conduct grading in conjunction with the expansion of the existing quarry operation. Holcim's mineral reserve model shows that mining progression towards the southwest, between the existing quarry and Tributary C is necessary for the quarry to continue cement production beyond the end of 2005. Although the applicant and their agent attempted to reduce impacts and weighed alternatives, it is not possible to complete the project without an impact to an intermittent tributary located on the site, known as Tributary D. Impacts to Tributary D are caused by the removal and storage of the clay overburden located above the shale and limestone. The Maquoketa Shale and the Kimmswick Limestone are the key ingredients for the

cement production and because of safety, economic, and operational challenges in mining the material, complete avoidance of Tributary D is not practicable. Although, Holcim has approximately 1000 acres of property located south and west of the existing quarry, approximately 150 acres of the property will be used for this expansion area. The remaining acreage will remain in existing condition, which is primarily agriculture production, with exception of the proposed mitigation areas that will be preserved as natural stream and wildlife areas.

The primary impacts associated with the project include approximately 7000 linear feet of Tributary D. The intermittent portion called DA of tributary D is approximately 6-feet wide and flows through a riparian corridor that is 75 to 150 feet wide. The eastern side of the channel is bordered by the existing quarry and the west side of the channel beyond the riparian area is pasture and farm fields. Additional primary impacts include clearing of approximately 300 linear feet of Tributary CA and the filling of a 0.50-acre abandoned stock pond. The area of the pond will be used for the overburden stockpile. The overburden stockpile will form a dam and a 10-15 acre lake on the upper portion of Tributary D.

Secondary impacts caused by the project may include a reduction in the peak flows that reach the lower portion of Tributary D, which is approximately 3900 feet long. However, this portion of tributary D will not be filled or excavated and the riparian corridor will remain intact. Although there is a reduction in the peak flow, the applicant has stated that based on their hydrologic studies the stream is dry during certain periods and that the flora and fauna has adapted to this situation. The applicant stated that there should be no adverse impact to flora and fauna in the lower section of Tributary D. A portion of the flow that is cut off from Tributary D will be stored in a reservoir above the quarry. The overflow system from the reservoir will divert flows to Tributary C. Therefore, Tributary C may also be secondarily impacted due to increased water flows. However, the applicant has stated that since the peak flows will be detained by the reservoir, there should be no noticeable change in peak flow and that impacts to Tributary C should be negligible. Tributary C will be monitored upon project completion, so that the increased watershed of Tributary C does not induce or worsen the stability of Tributary C.

Holcim (US) Inc. has researched alternatives and demonstrated avoidance and minimization practices, such as reducing the overall size of the project thereby eliminating impacts to Tributary A, B, and most of C. However, compensatory mitigation will be required for the primary and secondary impacts related to the project. A preliminary mitigation plan includes the riparian forest restoration, enhancement, protection, and deed restriction of Tributary A, Tributary B, Lower Portion of Tributary D, and a portion of the left descending bank of Calumet Creek. The mitigation will include the removal of agricultural activities from a 100-150 foot buffer along the tributaries and tree planting in the areas lacking quality riparian vegetation. The monitoring of Tributary C will also be considered as part of the mitigation. Although Tributary A is smaller than the impacted Tributary D, Tributary B is a larger system with perennial flows and Calumet Creek is a large perennial stream that flows directly to the Mississippi River.

**LOCATION MAPS AND DRAWINGS:** See attached maps.

**ADDITIONAL INFORMATION:** Additional information may be obtained by contacting Rob Gramke, Project Manager, U.S. Army Corps of Engineers, at (314) 331-8187. Your inquiries may also be sent by electronic facsimile to (314) 331-8741 or by e-mail to robert.gramke@mvs02.usace.army.mil.

**AUTHORITY:** This permit will be issued or denied under the following: Section 404 of the Clean Water Act (33 U.S.C. 1344).

**WATER QUALITY CERTIFICATION:** The project plans have been submitted to the Missouri Department of Natural Resources, Water Pollution Control Program for state certification of the proposed work in accordance with Section 401 of the Clean Water Act. The certification is requested as of the date of this Public Notice, and if issued, will express the Agency's opinion that the proposed activities will not violate applicable water quality standards. Written comments concerning possible impacts to waters of Missouri should be addressed to: Water Pollution Control Program, Post Office Box 176, Jefferson City, Missouri 65102-0176, with a copy provided to the Corps of Engineers.

**SECTION 404 (b)(1) EVALUATION:** The impact of the activity on the public interest will be evaluated in accordance with the Environmental Protection Agency guidelines pursuant to Section 404 (b)(1) of the Clean Water Act.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the applicant's proposal. Any request for a public hearing shall state, with particularity, the reason for the hearing, and must be based on issues that would warrant additional public review.

**ENDANGERED SPECIES:** A preliminary determination, in compliance with the Endangered Species Act, as amended, has been made that the work that is proposed would not affect species designated as threatened or endangered, or adversely affect critical habitat. Therefore, no formal consultation request has been made to the United States Department of Interior, Fish and Wildlife Service. In order to complete our evaluation, comments are solicited from the Fish and Wildlife Service and other interested agencies and individuals through this Public Notice.

**CULTURAL RESOURCES:** The St. Louis District will evaluate information provided by the State Historic Preservation Officer and the public in response to this public notice. A Phase 1 Survey of the quarry expansion site is scheduled and will be coordinated with the SHPO.

**EVALUATION OF PROBABLE IMPACTS:** The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the described activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit that may reasonably be expected to accrue from the described activity must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the activity described, will be considered including the cumulative effects. Among factors considered 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; consideration of property ownership; and in general the needs and welfare of the people.

**Solicitation of Comments From The Public:** The U.S. Army 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 the proposed activity. Any comments received will be considered by the U.S. Army 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 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.

DANNY D. MCCLENDON  
Chief, Regulatory Branch

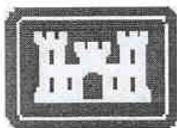
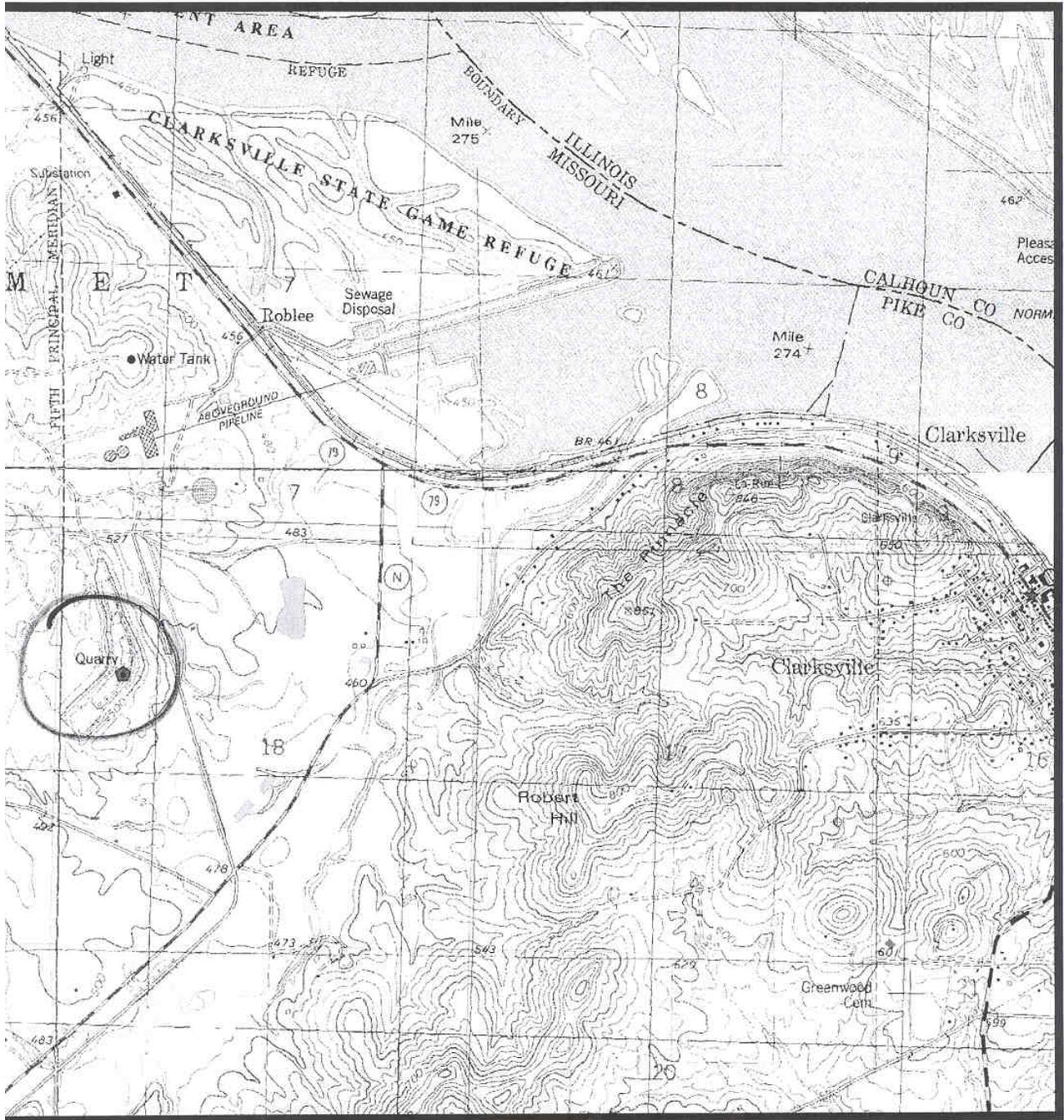
Attachments

**NOTICE TO POSTMASTERS:**

It is requested that this notice be conspicuously and continually placed for 21 days from the date of this issuance of this

# Holcim Quarry

## P-2463



Mar 31, 2005

made By: RSG

Sheet 1 of 10

P-2463

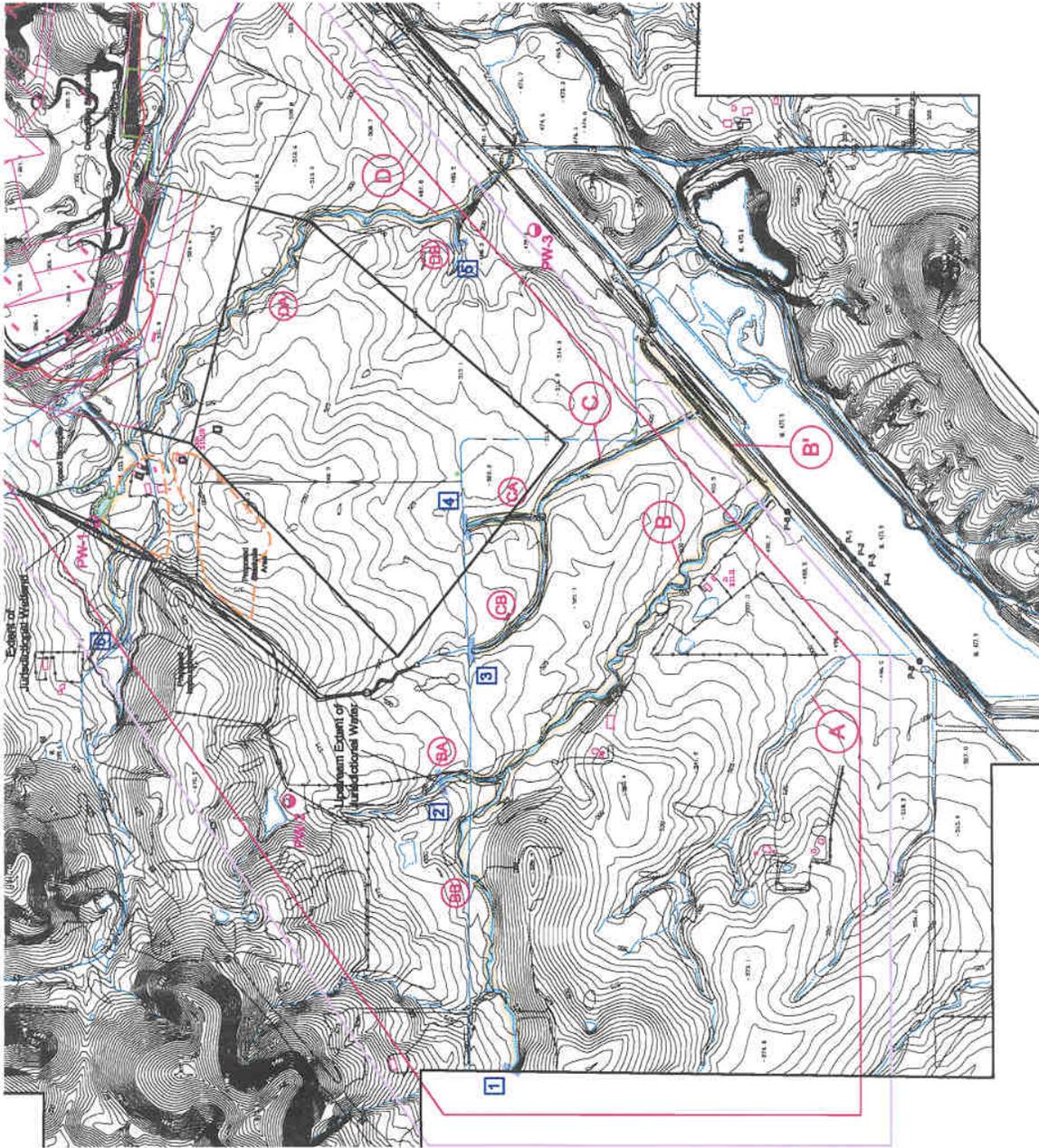
File #2004-02150



State: Missouri  
 County: Pike  
 Nearest City: Roblee  
 Latitude: 39:22:03.7592  
 (39.3677109)  
 Longitude: -90:56:49.4224  
 (-90.94706179)  
 UTM X: 0676855.788

UTM Y: 4359384.584  
 UTM Zone: 15  
 USGS Quad: Clarksville  
 HUC 8 Name: The Sny  
 HUC 8 Number: 07110004  
 Section: 18  
 Township: 53 N  
 Range: 1 E  
 Meridian: Fifth Principal





- LEGEND**
- STREAM SEGMENT
  - END OF JURISDICTIONAL STREAM
  - PONDED WATER
  - LONG TERM MINE PLAN
  - LONG TERM DEVELOP PLAN
  - STREAM BUFFER ZONE

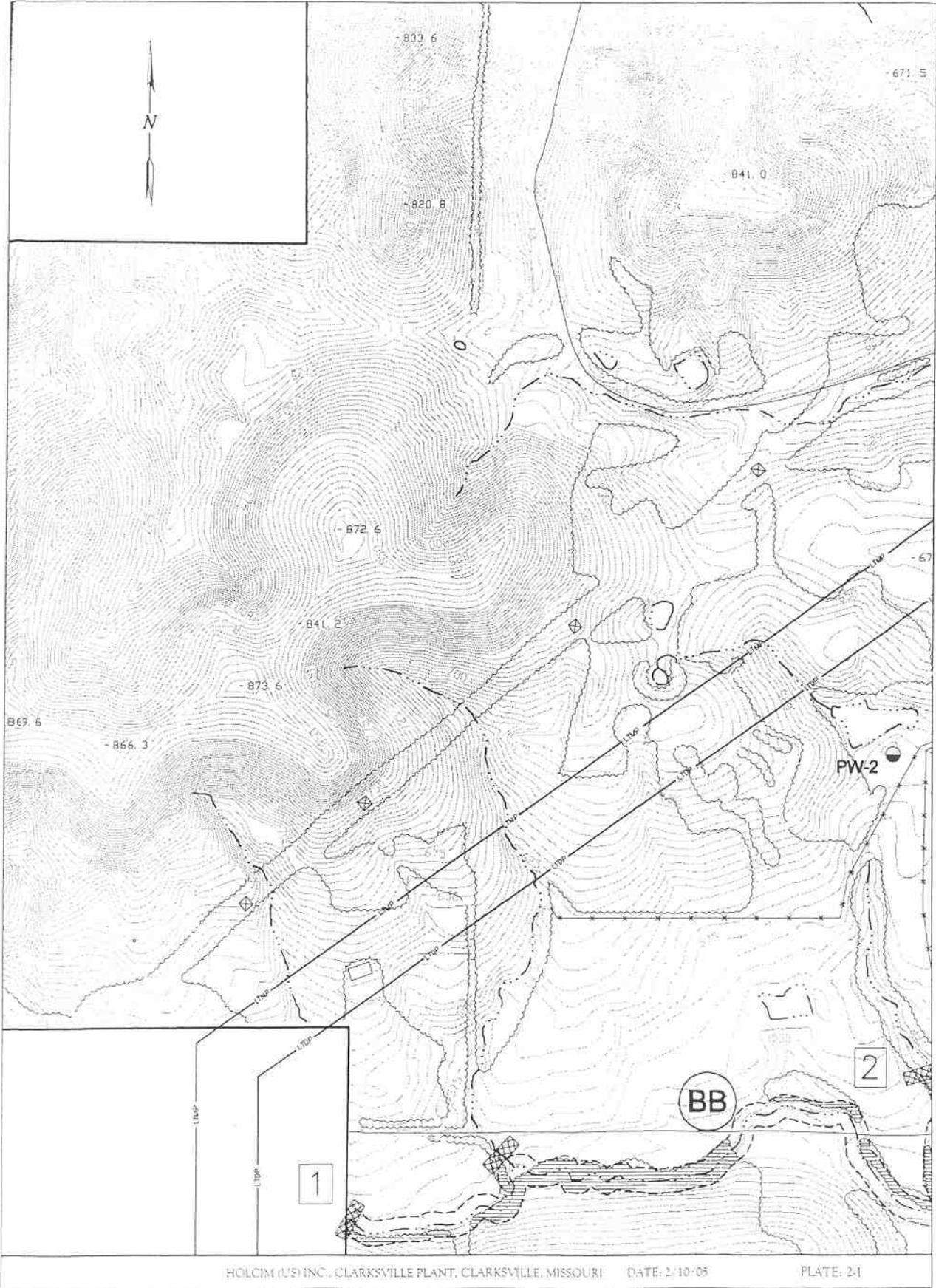


HOLCIM (US) INC.  
 MISSOURI LAND RECLAMATION PERMIT No. 0498  
 CLARKSVILLE PLANT  
 CLARKSVILLE, MISSOURI (PIKE COUNTY)

EXTENT OF JURISDICTIONAL WATERS AND STREAM BUFFER ZONES

DATE	REVISED	PREPARED BY:	TH	DATE	CHECKED:	BY	FIGURE
		LEGGETTE, BRASHEARS & GRAHAM, INC. Professional Geologic, Water and Environmental Engineering Services 4830 Lemay Ferry Road Suite 205 St. Louis, MO 63129 (314) 845-9055		3/23/00			4





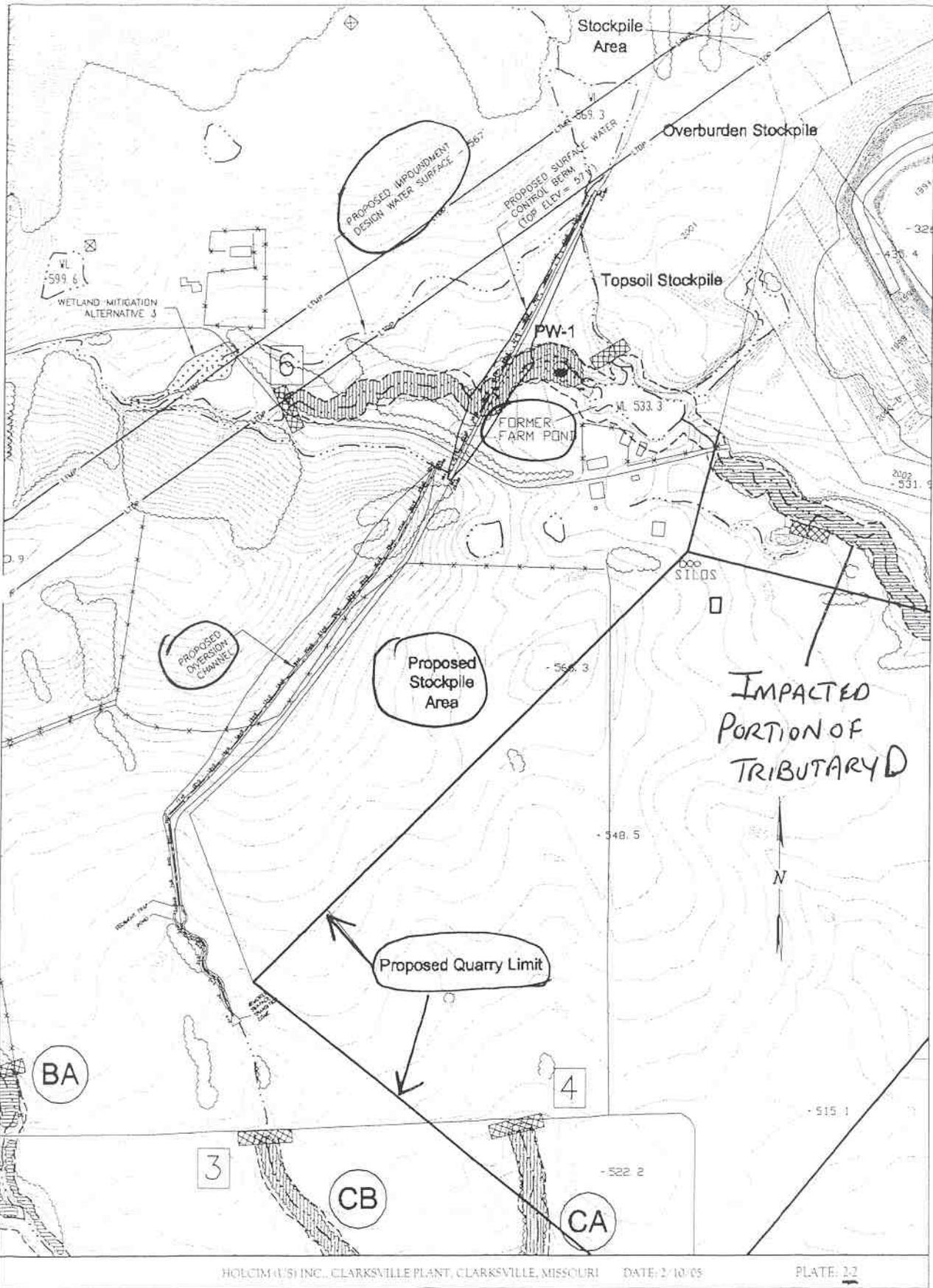
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File #2004-02150

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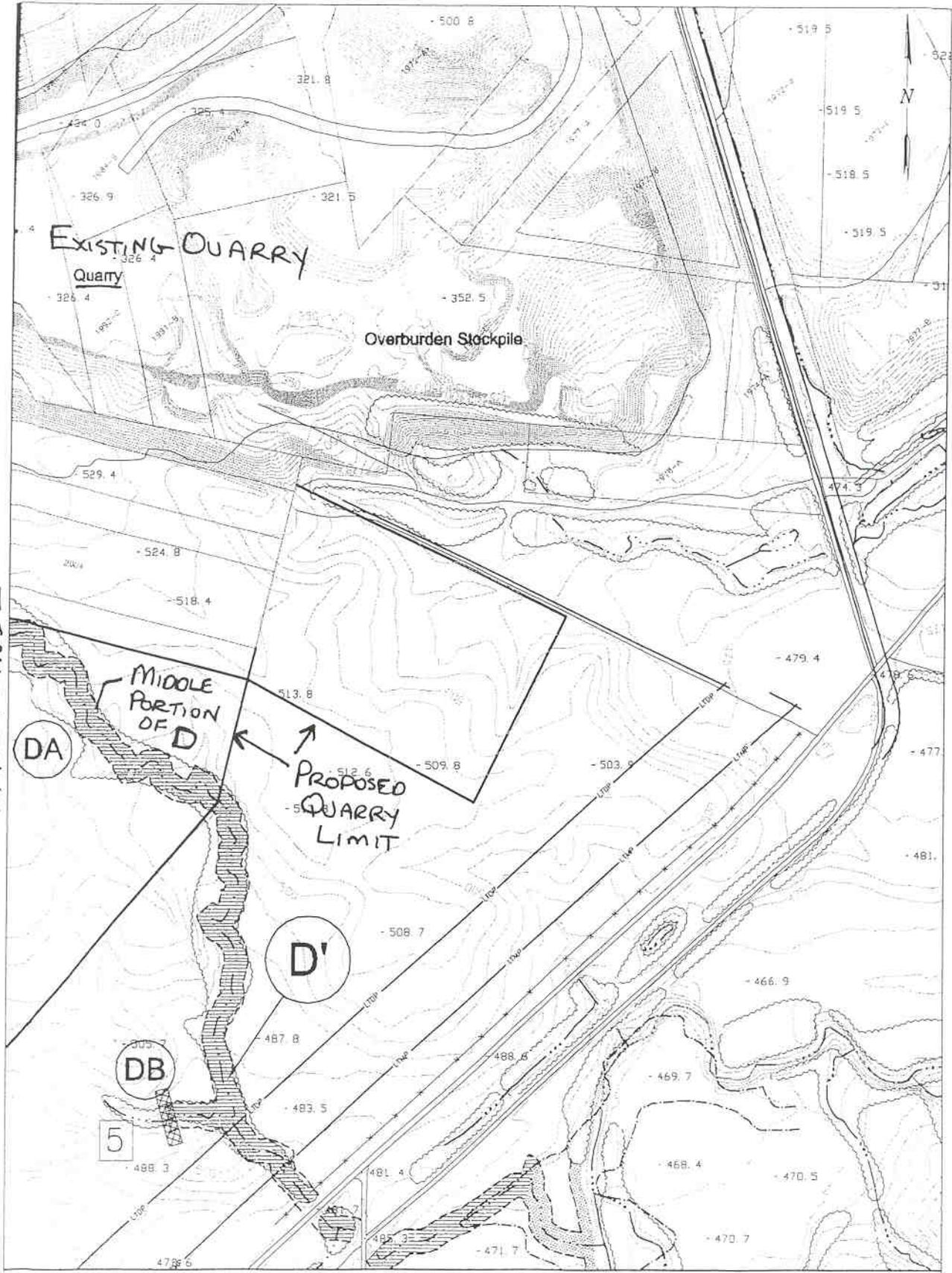
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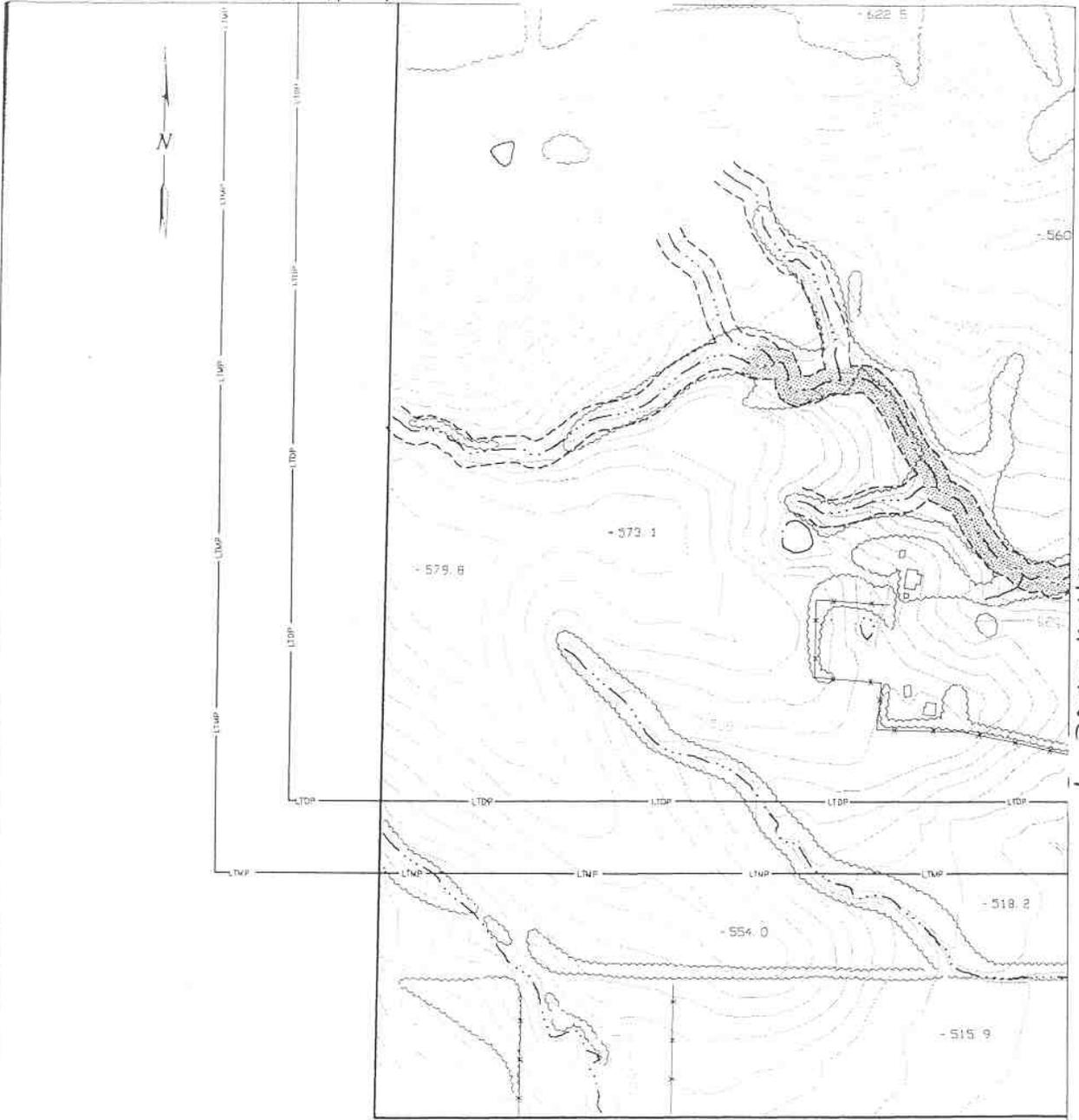


HOLCIM (US) INC., CLARKSVILLE PLANT, CLARKSVILLE, MISSOURI DATE: 2/10/05

PLATE 33

Sheet 7 of 10  
 P-2463  
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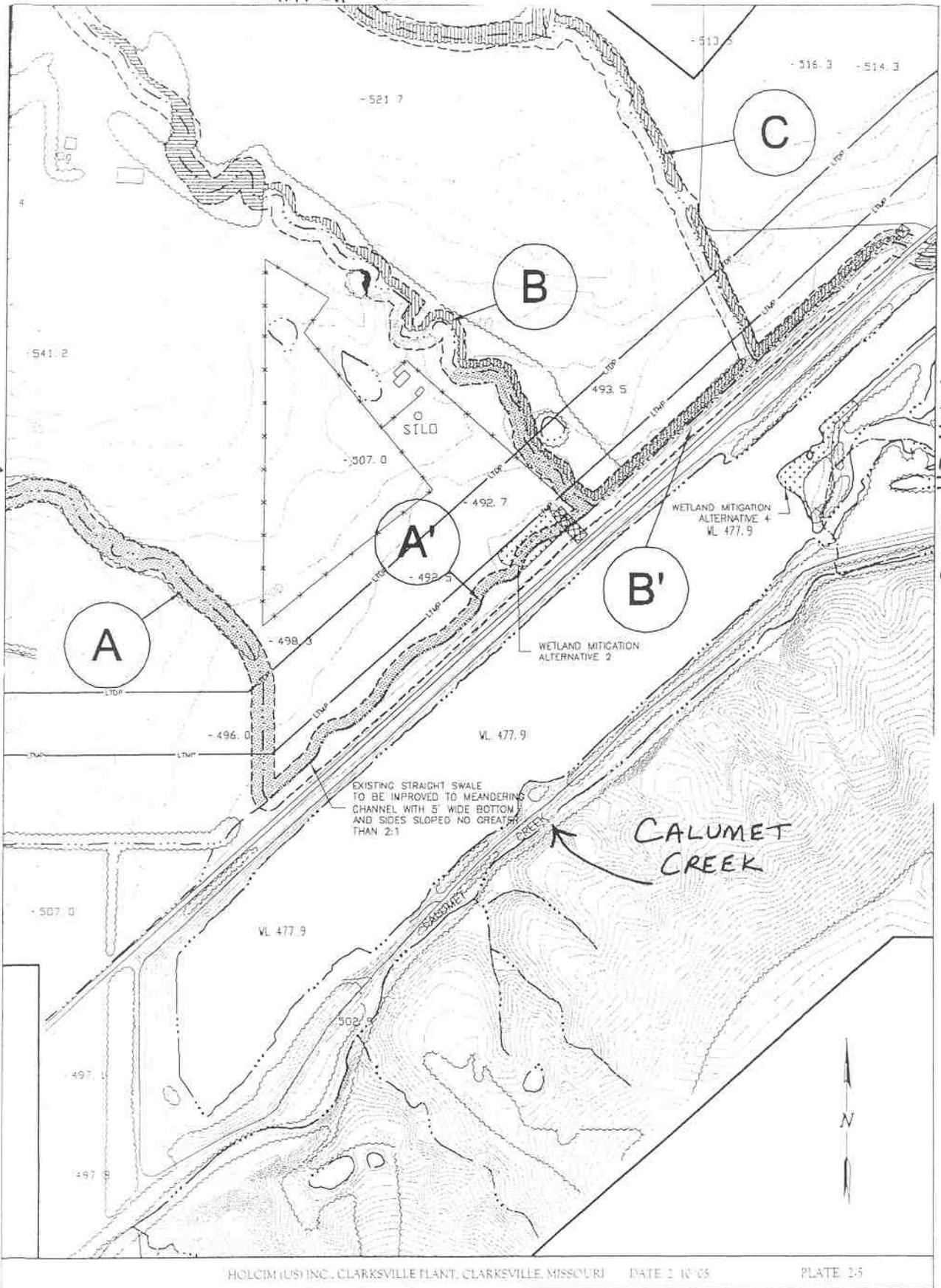
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HOLCIM (US) INC., CLARKSVILLE PLANT, CLARKSVILLE, MISSOURI

DATE 2/10/05

PLATE 2-5

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