

APPENDIX A

Public Notice 06-54

File No. 53937-00
Nucor Steel Decatur, LLC



**US Army Corps
of Engineers**

Nashville District

Public Notice

Public Notice No. **06-54**

Date: **May 26, 2006**

Application No. **5393700**

Comment Period Expires: **June 26, 2006**

Please address all comments to:

Nashville District Corps of Engineers, Regulatory Branch (Attn: Lisa R. Morris)
3701 Bell Road, Nashville, TN 37214

JOINT PUBLIC NOTICE
US ARMY CORPS OF ENGINEERS
TENNESSEE VALLEY AUTHORITY
STATE OF ALABAMA

SUBJECT: Proposed Port Facility Expansion (Nucor Steel Decatur LLC/Formally Trico Steel) Add 84 Barge Spaces, 13 Mooring Cells, Lengthen Dock 540 Feet and Dredging with Upland Disposal at Tennessee River Mile 297.5, Left Bank, Wheeler Lake, Morgan County, AL (Morgan County Port)

TO ALL CONCERNED: The application described below has been submitted for a Department of the Army Permit (DA) pursuant to **Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (CWA)** and Tennessee Valley Authority (TVA) approval pursuant to **Section 26a of the TVA Act**. Before a permit can be issued, certification must be provided by the Alabama Department of Environmental Management (ADEM), pursuant to Section 401(a)(1) of the CWA, that applicable water quality standards will not be violated. By copy of this notice, the applicant hereby applies for the required certification.

APPLICANT: Nucor Steel Decatur, LLC
P.O. Box 2249
Decatur, AL 35609

LOCATION: Backchannel of the Tennessee River Mile 297.5, Left Bank, Wheeler Lake, Morgan County, AL. USGS Map: Jones Crossroads, AL. Lat: 34-40-00, Lon: 87-05-00. Spoil Site located on TVA Acquisition Tract # CSPD-1.

HISTORY: Around 1995, the backchannel at the Morgan County Port was dredged for navigation purposes (7,000' x 240' wide, bottom Elevation 536). Among other port operators, Permit No. 53937-00 was issued to Trico Steel Company for construction of a barge terminal and dredging for fleeting areas to bottom Elevation 538. Trico's permits have since been transferred to Nucor Steel Decatur.

DESCRIPTION OF PROPOSED WORK:

A. Lengthen Dock by 540' x 74' wide: The existing dock stretches 450' across the left bank of the backchannel and consists of a sheetpile wall backfilled with crushed aggregate. The deck is reinforced concrete with a top Elevation 564.

The applicant proposes to extend the 74' wide dock by 390' on the east side and 150' on the west side. The extension would be constructed of sheetpile walls, backfilled with crushed aggregate, and decked with reinforced concrete.

The extension would involve a deposit of 54 cubic yards (cyd) of fill material below Normal Summer Pool (NSP) Elevation 556 and 23 cyd. between Elevations 556 and 560. The majority of the material (2,445 cyd.) would be placed above the 100-year flood Elevation 558.7.

B. Mooring Cells/Fleeting: Construct 13 Additional Mooring Cells for 84 New Fleeting Spaces - Currently, 5 mooring cells exist along the channel west of the Nucor terminal; authorized fleeting is 28 barges -16 loaded (4x4) and 12 (4x3) empty.

Proposed is thirteen additional cells constructed along both sides of the backchannel. Under the plan, total fleeting (proposed and existing) would be 112 barges (76 loaded and 36 empty). The proposed fleeting configuration would reduce the back channel width to 300'.

The 20' wide diameter mooring cells would be constructed of sheet pile material backfilled with crushed aggregate with a top Elevation 565, which would be 9' above NSP.

The 13 mooring cells would involve a deposit of total of 2,350 cyd fill material below NSP; 605 cyd. between Elevations 556 and 560; and 756 cyd. above the 100-year flood elevation.

C. Dredging: Nucor needs to dredge under the proposed fleeting areas prior to construction of the mooring cells. The applicant proposes to dredge roughly 109,600 cyds. material from the back channel (37,000 cyd. Area 1; 22,376 cyd. Area 2; and 50,212 cyd. Area 3 - Exhibit D) for a uniform bottom Elevation 538. The material would be suction dredged and pumped upland to a contained previously used disposal site (same disposal site used for 1995 backchannel dredge project).

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the work, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore 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. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the CWA (40 CFR Part 230). A permit will be granted unless the District Engineer determines it would be contrary to the public interest.

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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, historical properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) 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. This office will prepare an EA prior to a final decision concerning issuance or denial of the requested permits.

The National Register of Historic Places has been consulted and no properties listed or eligible for the National Register are known which would be affected by the proposed work. This review constitutes the full extent of cultural resource investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the State Historic Preservation Officer.

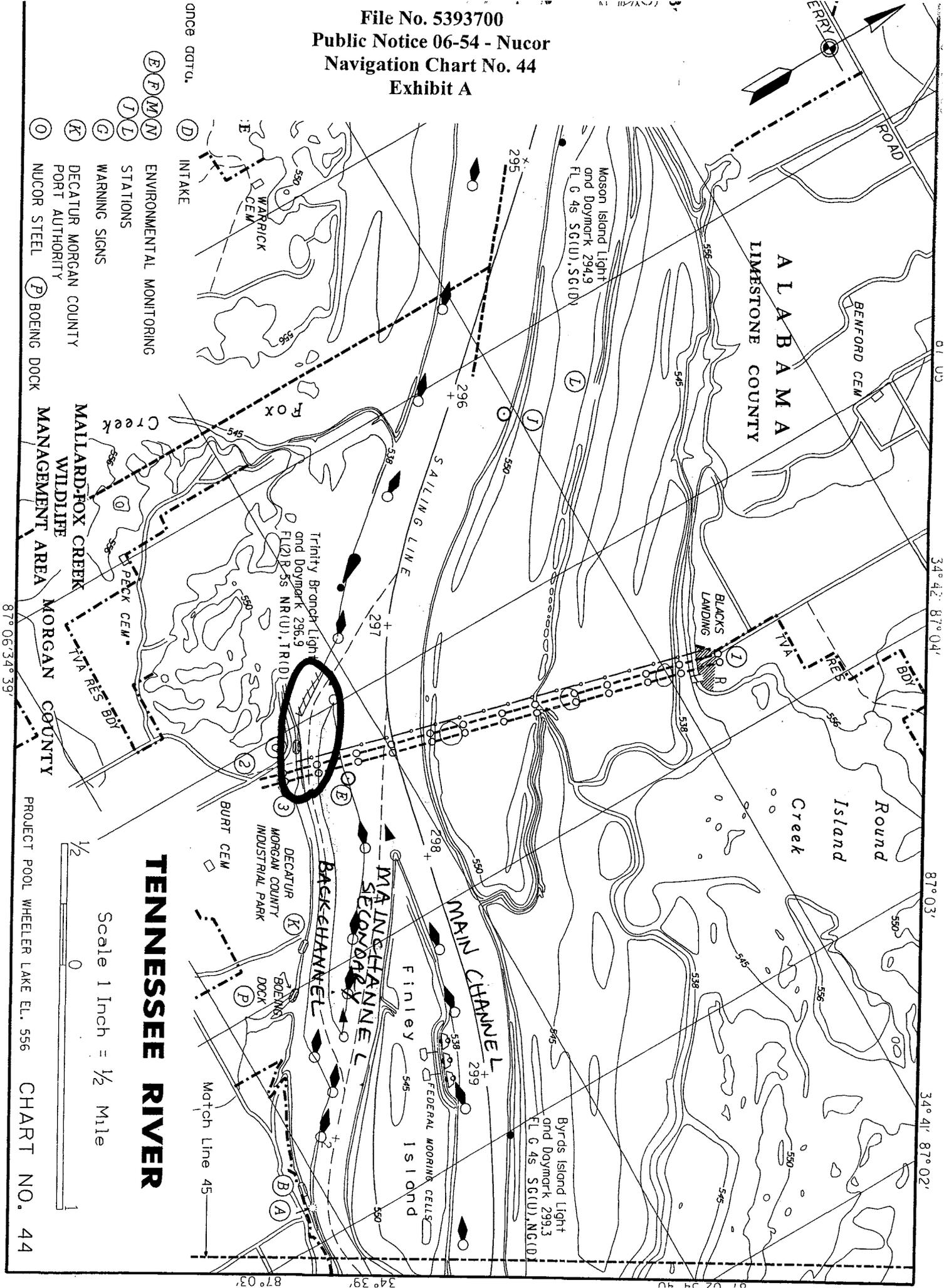
Based on available information, the proposed work will not destroy or endanger any federally listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act, and, therefore, initiation of formal consultation procedures with the US Fish and Wildlife Service is not planned at this time.

Other federal, state, and/or local approvals may be required for the proposed work. In addition to other provisions of its approval, TVA would require the applicant to employ best management practices to control erosion and sedimentation, as necessary, to prevent adverse aquatic impacts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

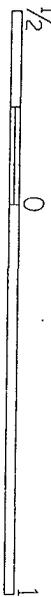
Written statements received in this office on or before **June 26, 2006**, become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: Ms. Lisa R. Morris, at the above address, telephone (615) 369-7504. It is not necessary to comment separately to TVA or the state, since copies of all comments will be sent to those agencies and will become part of their record on the proposal. Point of contact with ADEM is Tonya Mayberry, (334) 394-4307. Point of contact at TVA is Randy McCann, telephone (256) 386-2568.

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 Public Notice 06-54 - Nucor
 Navigation Chart No. 44
 Exhibit A



TENNESSEE RIVER

Scale 1 Inch = 1/2 Mile



PROJECT POOL WHEELER LAKE EL. 556

CHART NO. 44

- (D) INTAKE
- (E, F, M, N) ENVIRONMENTAL MONITORING STATIONS
- (J, L) WARNING SIGNS
- (K) DECATUR MORGAN COUNTY PORT AUTHORITY
- (O) NUCOR STEEL
- (P) BOEING DOCK

87° 06' 34" 39'

once cont.

87° 03'

34° 39'

87° 02'

34° 41'

87° 03'

34° 42'

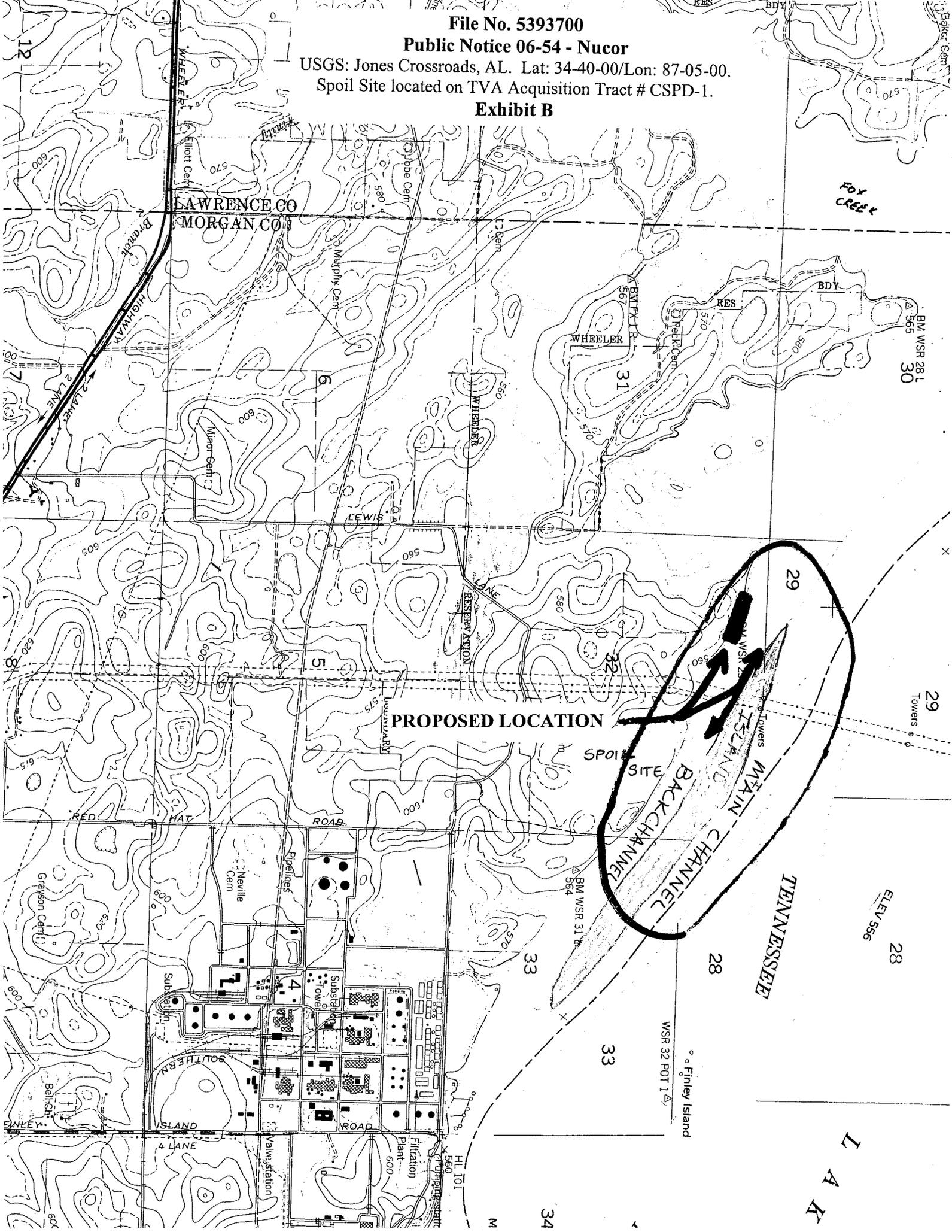
81° 03'

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USGS: Jones Crossroads, AL. Lat: 34-40-00/Lon: 87-05-00.
Spoil Site located on TVA Acquisition Tract # CSPD-1.

Exhibit B



PROPOSED LOCATION

SPOIL SITE

BACKCHANNEL
ISLAND
TOWERS

TENNESSEE

L A K E

LAWRENCE CO
MORGAN CO

SOUTHERN
ISLAND

4 LANE

ROAD

Pipelines

Substation

Towers

Valve station

ROAD

Filtration Plant

600

HI. 101

560

33

33

34

29

29

28

34

FOY CREEK

BM WSR 28 L
565
30

ELEV 556

° Finley Island
WSR 32 POT 1

12
7
6
5
8
4
3
2
1
0
1
2
3
4
5
6
7
8
9
10
11
12

WHEELER
Highway
2 LANE

Minor Cent

Major Cent

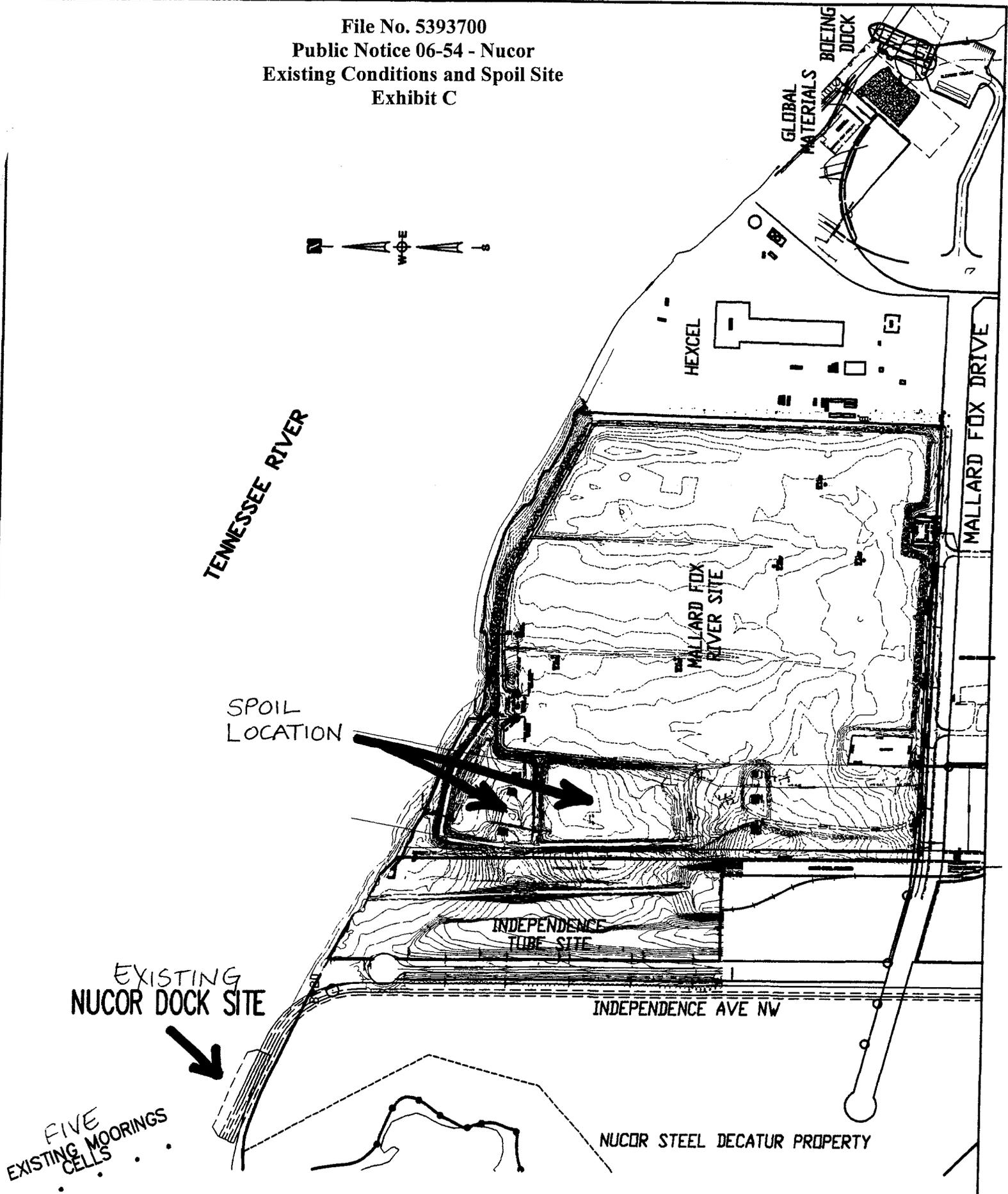
Minor Cent

Minor Cent

Major Cent

Minor Cent

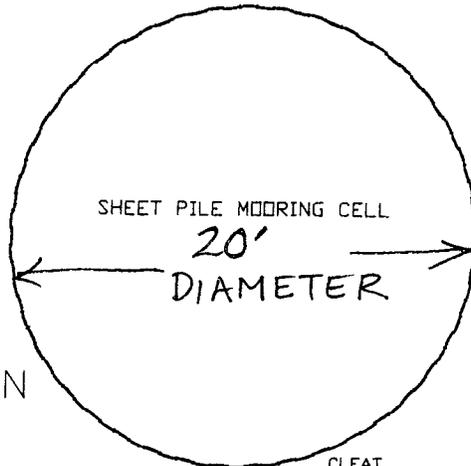
File No. 5393700
Public Notice 06-54 - Nucor
Existing Conditions and Spoil Site
Exhibit C



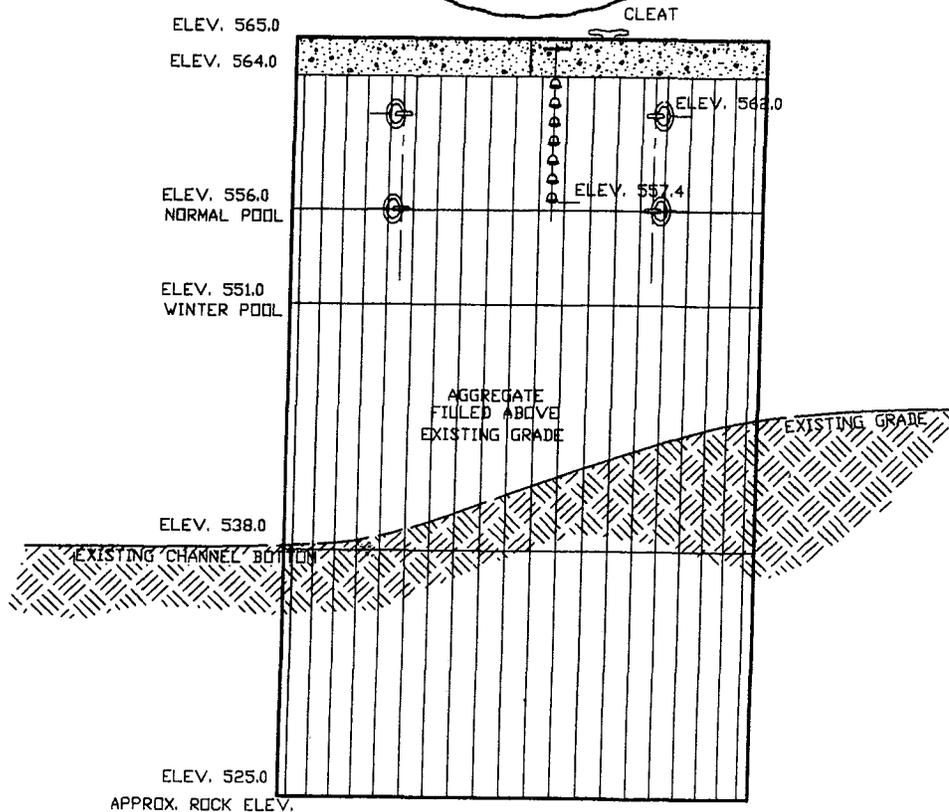
SCALE: 1"=600'	PUGH, WRIGHT AND ASSOCIATES, INC. Decatur, Alabama		
DRAWN BY: D.PUCKETT	DATE: DEC., 2004	JOB NO: SK-124-04	PAGE 1 OF 4
APPROVED BY: PUGH			

File No. 5393700
 Public Notice 06-54 - Nucor
 20' Diameter Mooring Cell Typical
 Exhibit E

(20' DIAMETER)



PLAN

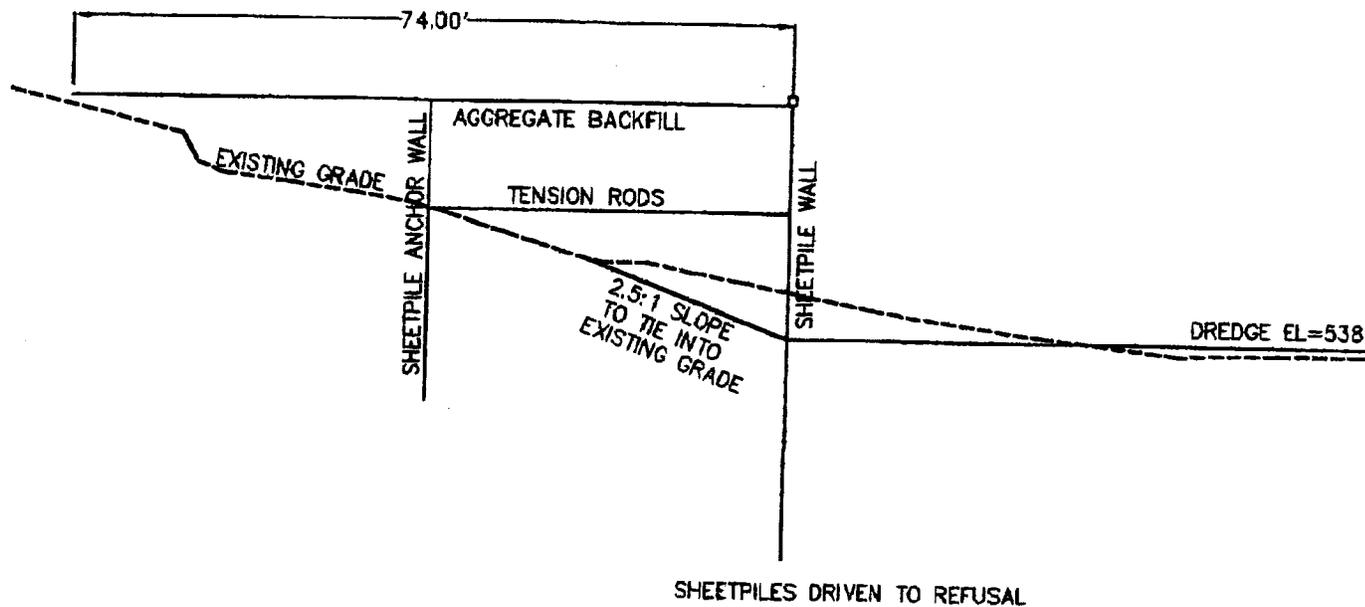


MSL DATUM

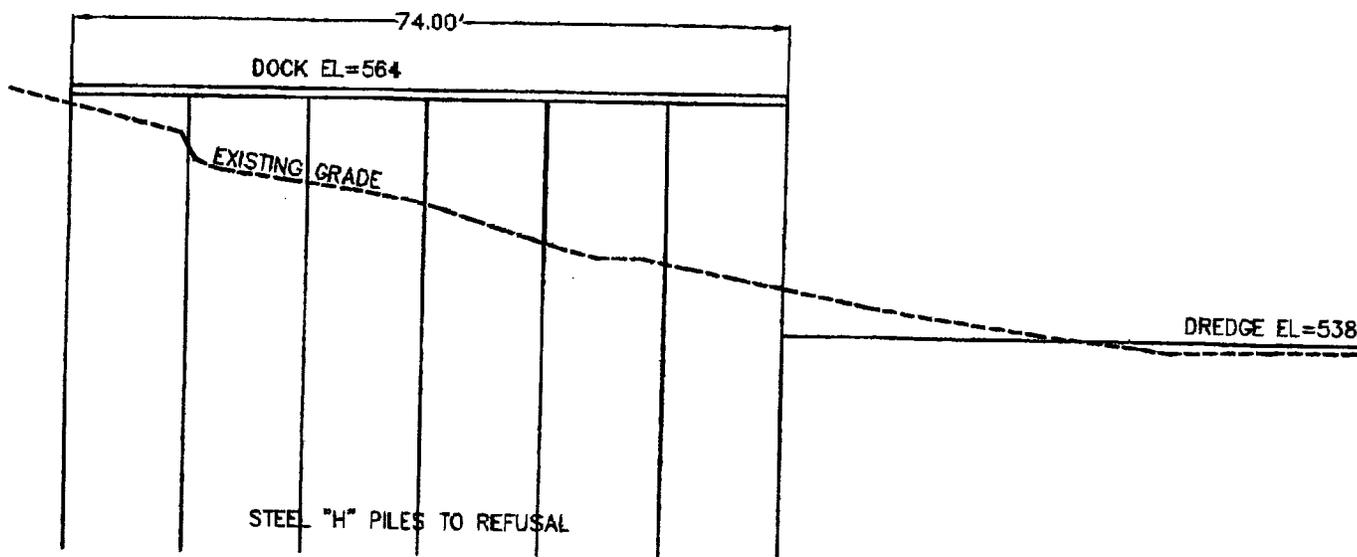
ELEVATION

SCALE: N.T.S.	PUGH, WRIGHT AND ASSOCIATES, INC. Decatur, Alabama		
DRAWN BY: D.PUCKETT			
APPROVED BY: PUGH	DATE: DEC., 2004	JOB NO: SK-124-04	PAGE 3 OF 4

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 Public Notice 06-54 - Nucor
 Side View Dock Typical
 Exhibit F



TYPICAL SHEETPILE WALL SECTION



ALTERNATE STEEL SHEET PILES

SECTION THRU NEW DOCK
 SEE PAGE 4 FOR SECTION LOCATION

SCALE: 1"=20'

DRAWN BY: D.PUCKETT

APPROVED BY: PUGH

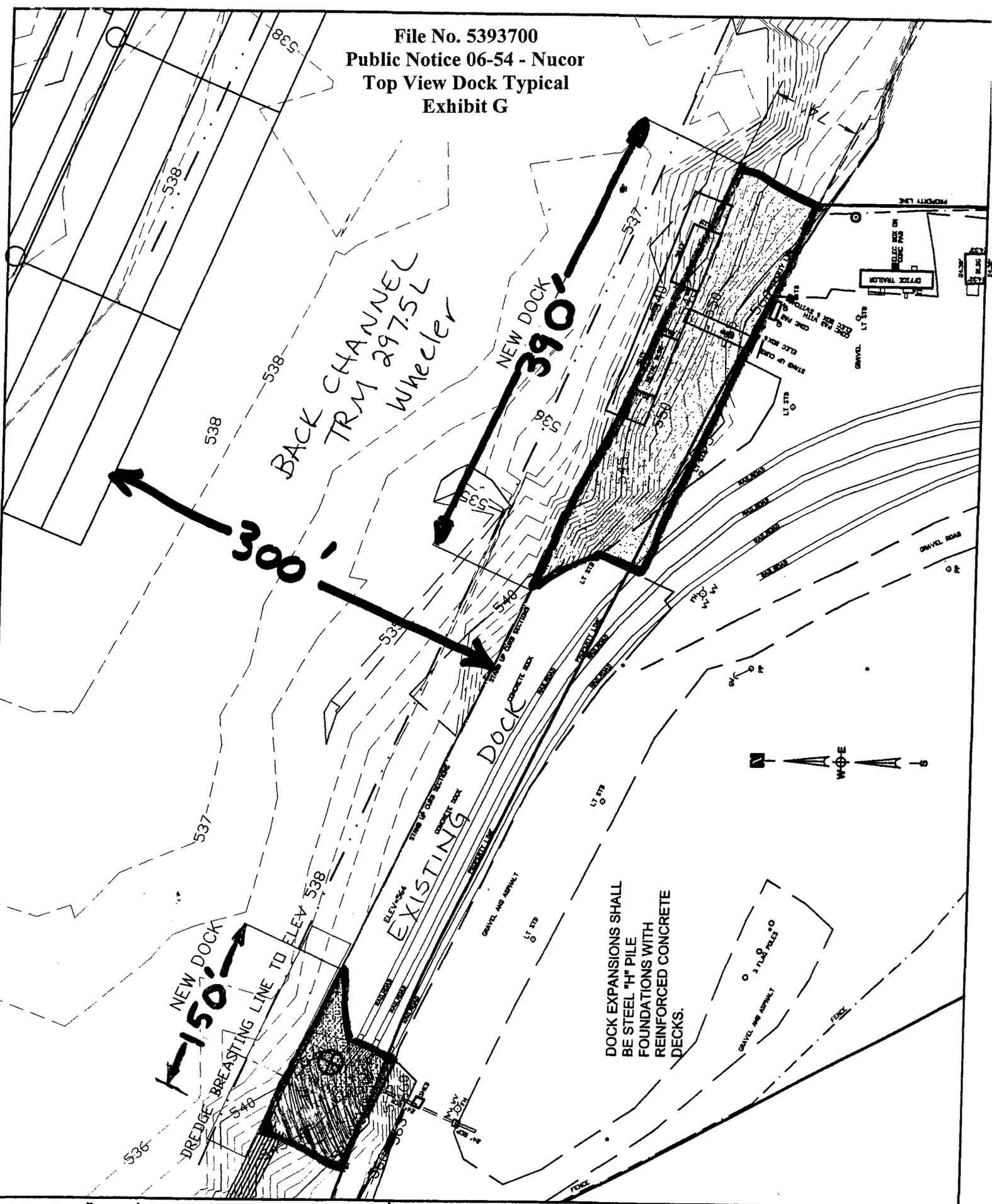
PUGH, WRIGHT AND ASSOCIATES, INC.
 Decatur, Alabama

DATE: DEC., 2004

JOB NO: SK-124-04

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 Public Notice 06-54 - Nucor
 Top View Dock Typical
 Exhibit G



DOCK EXPANSIONS SHALL
 BE STEEL "H" PILE
 FOUNDATIONS WITH
 REINFORCED CONCRETE
 DECKS.

SCALE: 1"=100'
 DRAWN BY: D.PUCKETT
 APPROVED BY: PUGH

PUGH, WRIGHT AND ASSOCIATES, INC.
 Decatur, Alabama

DATE: DEC., 2004 JOB NO: SK-124-04 PAGE 4 OF 4