

JOINT PUBLIC NOTICE

June 25, 2018

United States Army Corps of Engineers
New Orleans District
Regulatory Branch
7400 Leake Avenue
New Orleans, Louisiana 70118

State of Louisiana
Department of Environmental Quality
Water Permits Division
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(504) 862-2675
Project Manager
Jamie Crowe
Jamie.M.Crowe@usace.army.mil
Permit Application Number
MVN 1997-00832 CO

(225) 219-3225
Project Manager
Elizabeth Hill

WQC Application Number
WQC 180618-01

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to:
[X] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality, Office of Environmental Services, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

MAINTENANCE DREDGING IN MISSISSIPPI RIVER IN ASCENSION PARISH

NAME OF APPLICANT: CF Industries Nitrogen, LLC, c/o Matrix New World Engineering, 4451 Bluebonnet Boulevard, suite E, Baton Rouge, Louisiana 70809.

LOCATION OF WORK: Within the Mississippi River Basin, in the Lower Mississippi River – Baton Rouge hydrologic unit (HUC 08070100), in the Mississippi River, right descending bank, mile 173.5, near Donaldsonville, Louisiana, in Ascension Parish.

CHARACTER OF WORK: The applicant proposes to modify the dredge area currently authorized by permit dated September 3, 1965, and subsequent modifications dated August 25, 2006, and May 1, 2012. The dredge channel will be increased by approximately 0.275 acre. Currently, restrictions have been placed on some ships leaving the applicant's facility. It is anticipated that maintaining the additional area to a depth of -45 feet NGVD will allow these restrictions to be lifted. A total of 300,000 cubic yards of accumulated river silt will be removed during the routine maintenance dredging event and deposited in the Mississippi River below the -55' contour. All work will take place from the waterway from a hydraulic dredge. No vegetated wetlands will be impacted by the proposed work.

According to the applicant, they have designed the proposed additional dredge area to minimize environmental impacts to the maximum extent practicable. The maximum width of the proposed dredge area is 52 feet; the maximum length of the proposed dredge area is 469 feet. This area represents the smallest addition of the previous authorized channel required to lift restrictions on vessel traffic from the docks. Additionally, all dredged material will be placed below the -55' contour and will not shoal the navigation channel of the Mississippi River.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **30 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH** Letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above. The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

Corps of Engineers Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, 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 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 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.

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 this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to make, 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.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Copies of this notice are being sent to the State Archeologist and State Historic Preservation Officer.

Our initial finding is that the proposed work would not affect any species, nor affect any habitat designated as critical to the survival and recovery of such species, listed as endangered by the U.S. Department of Commerce.

The New Orleans District has determined that the proposed project is located in waters known to be utilized by the pallid sturgeon (*Scaphirhynchus albus*) and determined that the proposed activity is not likely to adversely affect the species, provided the following recommendations are included in the authorization: 1) the cutterhead shall remain completely buried in the bottom material during dredging operations. If pumping water through the cutterhead is necessary to dislodge material or to clean the pumps or cutterhead, etc., the pumping rate should be reduced to the lowest rate possible until the cutterhead is at mid-depth, where the pumping rate can then be increased; 2) during dredging, the pumping rates shall be reduced to the slowest speed feasible while the cutterhead is descending to the channel Bottom. No other known species will be impacted by this project. These determinations are based on the Standard Local Operating Procedure for Endangered Species of Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers and U.S. Fish and Wildlife Service, Ecological Services Office.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of **n/a acres** of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality, Office of Environmental Services, before a permit is issued.

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

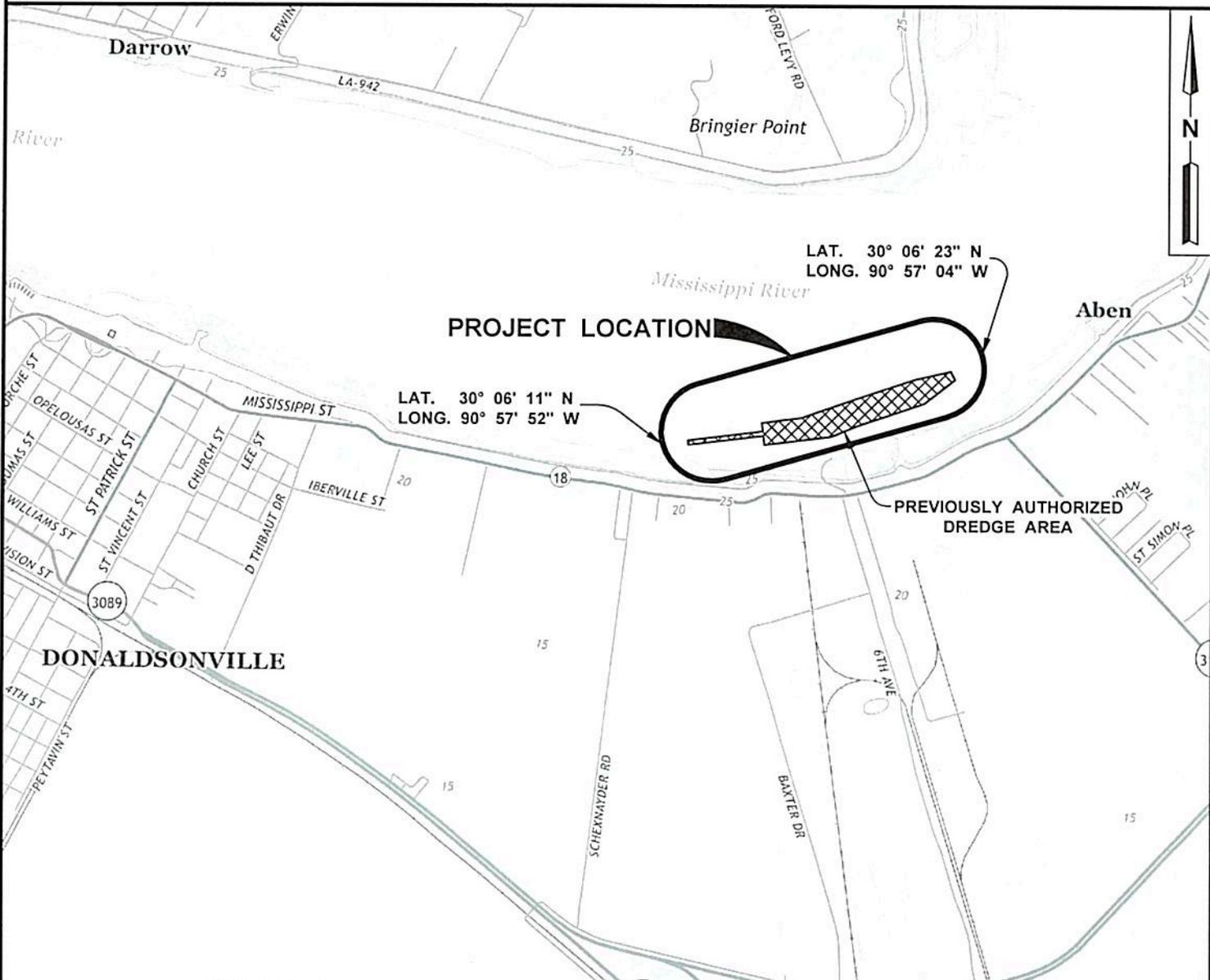
hearings shall state, with particularity, the reasons for holding a public hearing. You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

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John M. Herman
Chief, Central Evaluation Section
Regulatory Branch

Enclosure

ASCENSION PARISH, LOUISIANA

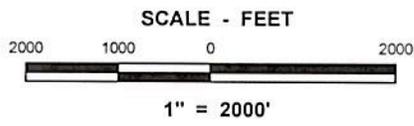


REFERENCE: U.S. GEOLOGICAL SURVEY QUADRANGLE MAP "DONALDSONVILLE, LA. 2015" (1:24,000 SCALE)

NOTE:

THESE DRAWINGS WERE PREPARED SOLELY FOR ACQUISITION OF REGULATORY PERMITS AND DO NOT REPRESENT ENGINEERING OR CONSTRUCTION PLANS.

*SEE SHEET 7 OF 7 FOR GENERAL NOTES AND REFERENCES.



THIS DRAWING WAS PREPARED SOLELY FOR USE BY CF INDUSTRIES, INC. IN CONJUNCTION WITH THE SPECIFIC PROJECT DESIGNATED IN THE TITLE BLOCK. USE FOR ANY OTHER PURPOSE, OR USE BY ANY OTHER PARTY SHALL BE AT USER'S SOLE RISK WITHOUT ANY LIABILITY TO HYDRO CONSULTANTS.

THIS DRAWING DOES NOT DEPICT THE RESULTS OF A BOUNDARY SURVEY AS DEFINED BY THE LOUISIANA ADMINISTRATIVE CODE, TITLE 46, PART LXI, CHAPTER 29.

THIS DRAWING IS THE PROPERTY OF HYDRO CONSULTANTS, INC. AND ANY REVISIONS MADE WITHOUT THE WRITTEN AUTHORIZATION OF THE SUPERVISING PROFESSIONAL WILL VOID THE SEAL WHICH HE HAS PLACED HEREON.

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| | | | | DONALDSONVILLE, LOUISIANA | | |
| | | | | PERMIT APPLICATION | | |
| | | | | MISSISSIPPI RIVER - RIGHT DESCENDING BANK | | |
| | | | | VICINITY MAP | | |
| | | | | RIVER MILE 173.5 A.H.P. (2007) | | |
| | | | | ASCENSION PARISH, LOUISIANA | | |
| | | | | | | |
| | | | | 10275 SIEGEN LANE - BATON ROUGE, LOUISIANA - (225) 766-4422 | | |
| 2/15/18 | DATE | DRAWN JEG | | CHECKED WAM | | APPROVED MEG JR |
| | | DATE FEBRUARY 13, 2018 | | DWG. NO. A12-500-87, SHT. 1 OF 7 | | |

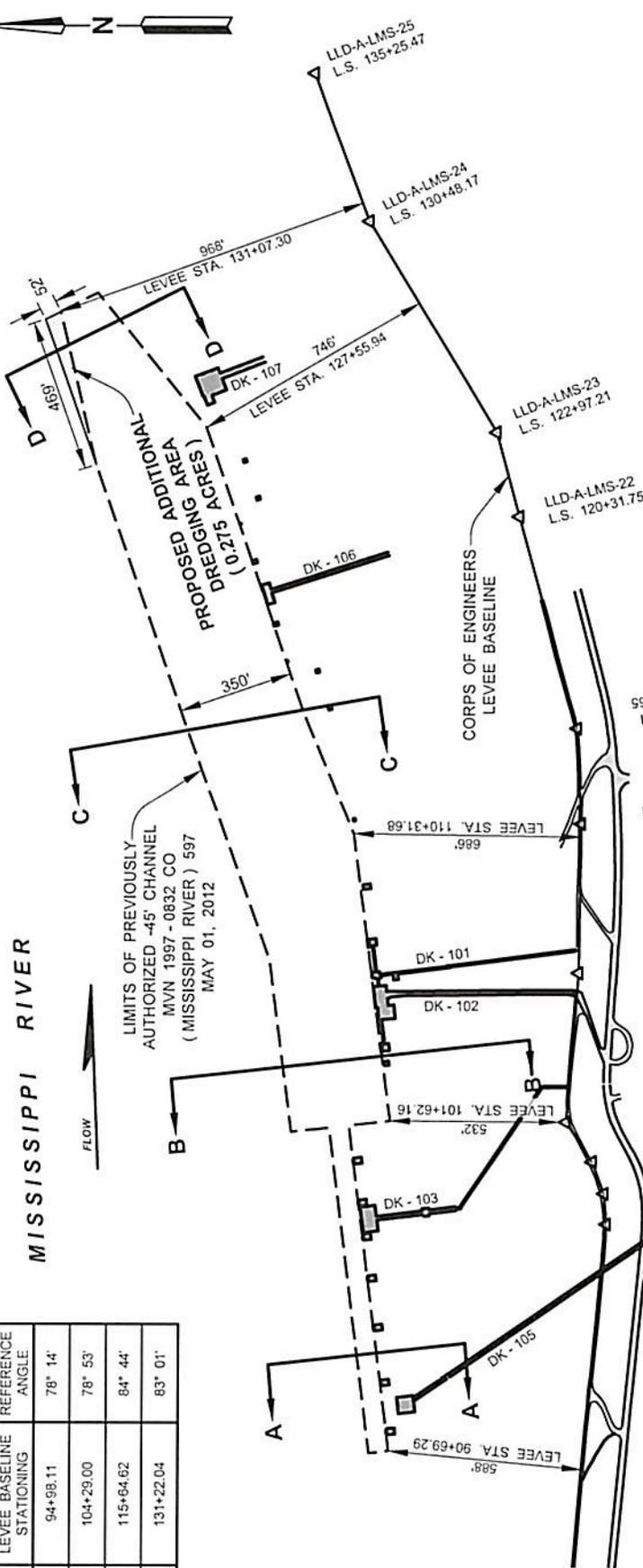
ASCENSION PARISH, LOUISIANA

MISSISSIPPI RIVER

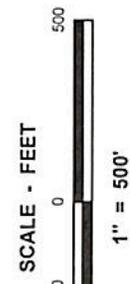
| CROSS SECTION | LEVEE BASELINE STATIONING | REFERENCE ANGLE |
|---------------|---------------------------|-----------------|
| A-A | 94+98.11 | 78° 14' |
| B-B | 104+29.00 | 78° 53' |
| C-C | 115+64.62 | 84° 44' |
| D-D | 131+22.04 | 83° 01' |

LIMITS OF PREVIOUSLY AUTHORIZED 45' CHANNEL (MISSISSIPPI RIVER) 597 MAY 01, 2012

FLOW



NOTE:
 APPROXIMATELY 300,000 CUBIC YARDS OF ACCUMULATED RIVER SILT TO BE REMOVED PER EVENT BY PERIODIC MAINTENANCE DREDGING.
 ALL DREDGE SPOIL WILL BE PLACED IN THE RIVER BELOW ELEVATION -55 FEET N.G.V.D.



NOTE:
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| JEG | GENERAL | 2/15/18 |
| BY | REVISION | DATE |

CF INDUSTRIES, INC.
 DONALDSONVILLE, LOUISIANA

PERMIT APPLICATION
 MISSISSIPPI RIVER - RIGHT DESCENDING BANK
MAINTENANCE DREDGING PLAN

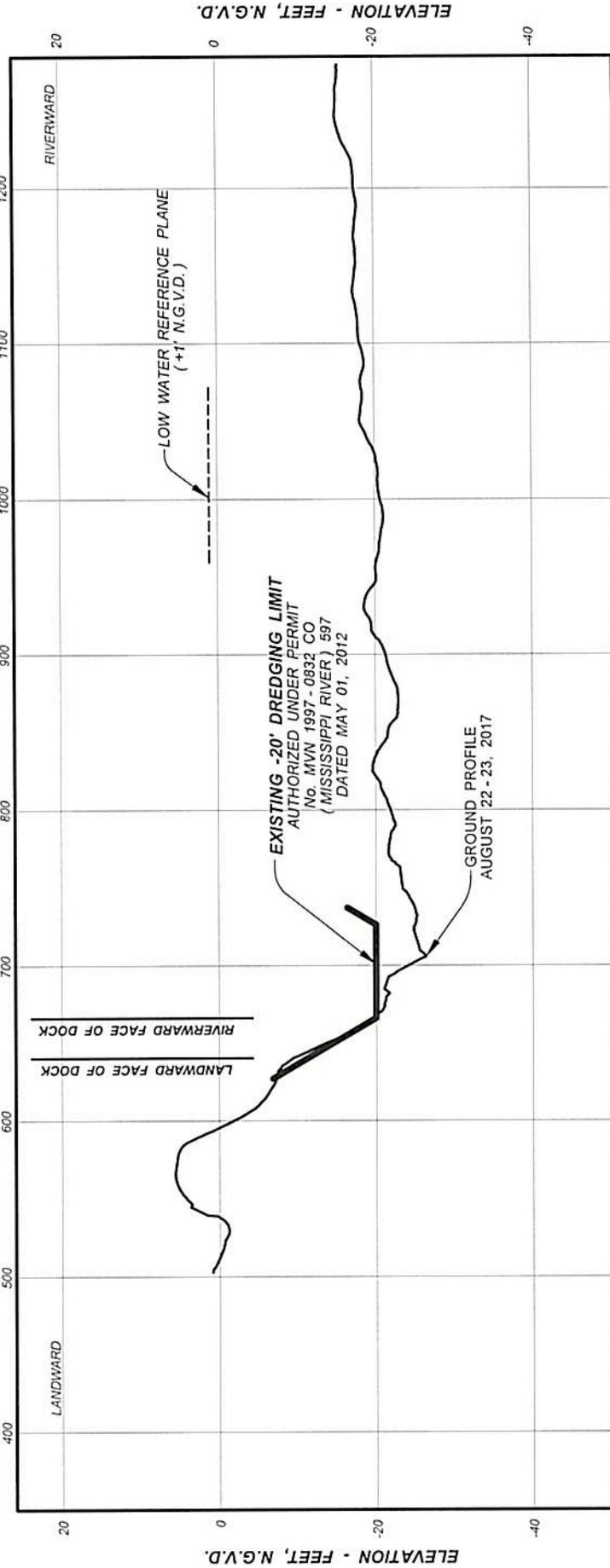
RIVER MILE 473.5 A.H.P. (2007)
 ASCENSION PARISH, LOUISIANA

Hydro Consultants, inc.

10275 SIEGEN LANE - BATON ROUGE, LOUISIANA - (225) 766-4422
 DRAWN: JEG CHECKED: WAM APPROVED: MEG JR
 DATE: FEBRUARY 13, 2018 DWG. NO. A12-500-97, SHT. 2 OF 7

ASCENSION PARISH, LOUISIANA

DISTANCE IN FEET BY HORIZONTAL MEASUREMENT FROM U.S.A.C.E. LEVEE BASELINE

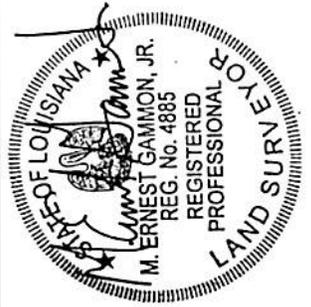


SECTION A - A

SCALES:
 1" = 100' HORIZONTAL
 1" = 20' VERTICAL

*SEE SHEET 7 OF 7 FOR GENERAL NOTES AND REFERENCES.

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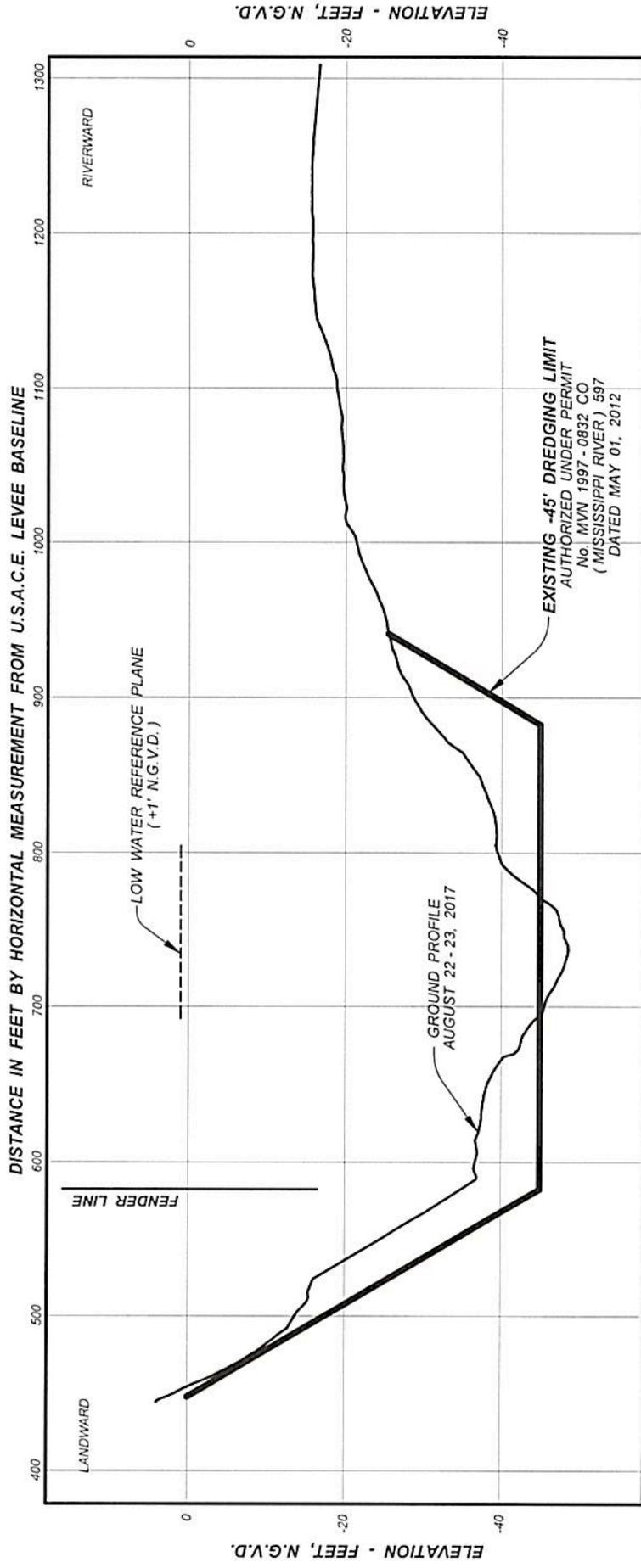
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| CF INDUSTRIES, INC. DONALDSONVILLE, LOUISIANA | | |
| PERMIT APPLICATION MISSISSIPPI RIVER - RIGHT DESCENDING BANK | | |
| SECTION A - A | | |
| Hydro Consultants, inc. RIVER MILE 173.5 A.H.P. (2007) ASCENSION PARISH, LOUISIANA | | |
| 10275 SIEGEN LANE - BATON ROUGE, LOUISIANA - (225) 766-4422 DRAWN JEG CHECKED WAM APPROVED MEG JR DATE FEBRUARY 13, 2018 DWG. NO. A12-500-87, SHT. 3 OF 7 | | |

ASCENSION PARISH, LOUISIANA



SECTION B - B

SCALES:
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 1" = 20' VERTICAL

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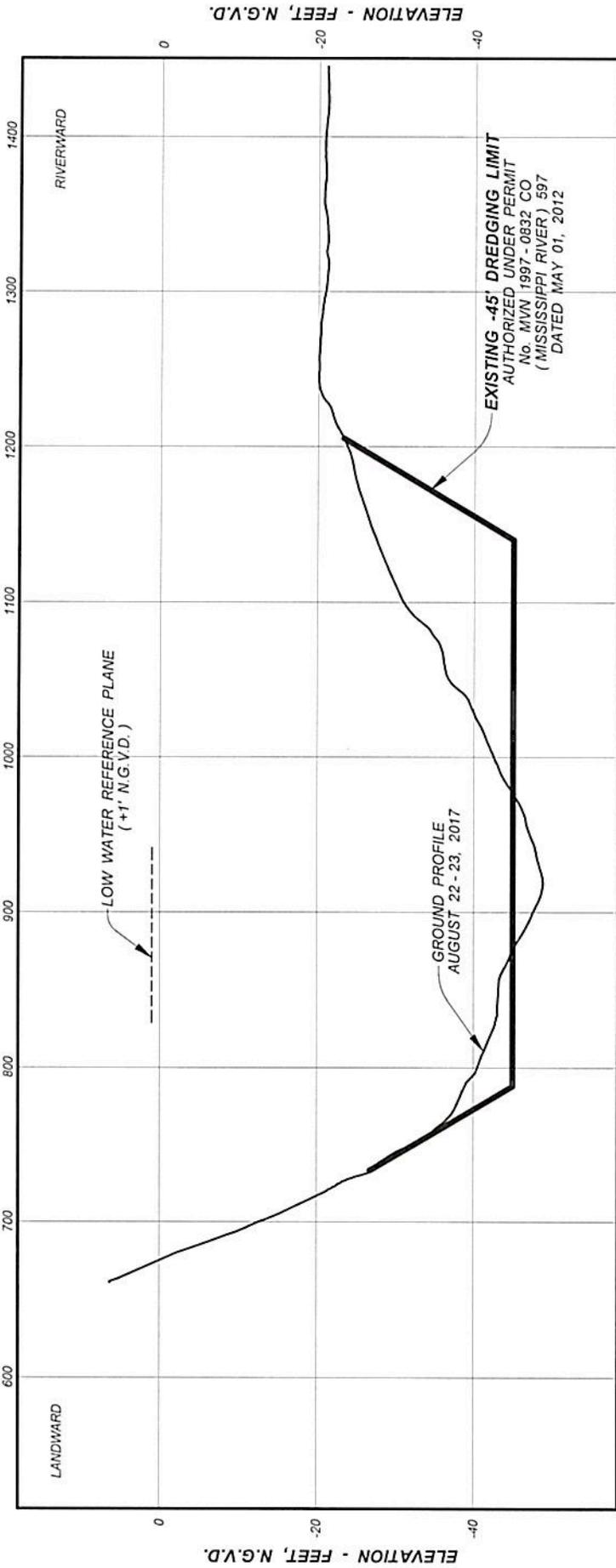
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| PERMIT APPLICATION MISSISSIPPI RIVER - RIGHT DESCENDING BANK | |
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| RIVER MILE 173.5 A.H.P. (2007) ASCENSION PARISH, LOUISIANA | |
| Hydro Consultants, inc. | |
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| DRAWN JEG | CHECKED WAM |
| APPROVED MEG JR | DATE FEBRUARY 13, 2018 |
| DWG. NO. A12-500-87, SHT. 4 OF 7 | |

ASCENSION PARISH, LOUISIANA

DISTANCE IN FEET BY HORIZONTAL MEASUREMENT FROM U.S.A.C.E. LEVEE BASELINE



SECTION C - C

SCALES:

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1" = 20' VERTICAL

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CF INDUSTRIES, INC.
DONALDSONVILLE, LOUISIANA

PERMIT APPLICATION

MISSISSIPPI RIVER - RIGHT DESCENDING BANK

SECTION C - C

RIVER MILE 173.5 A.H.P. (2007)
ASCENSION PARISH, LOUISIANA

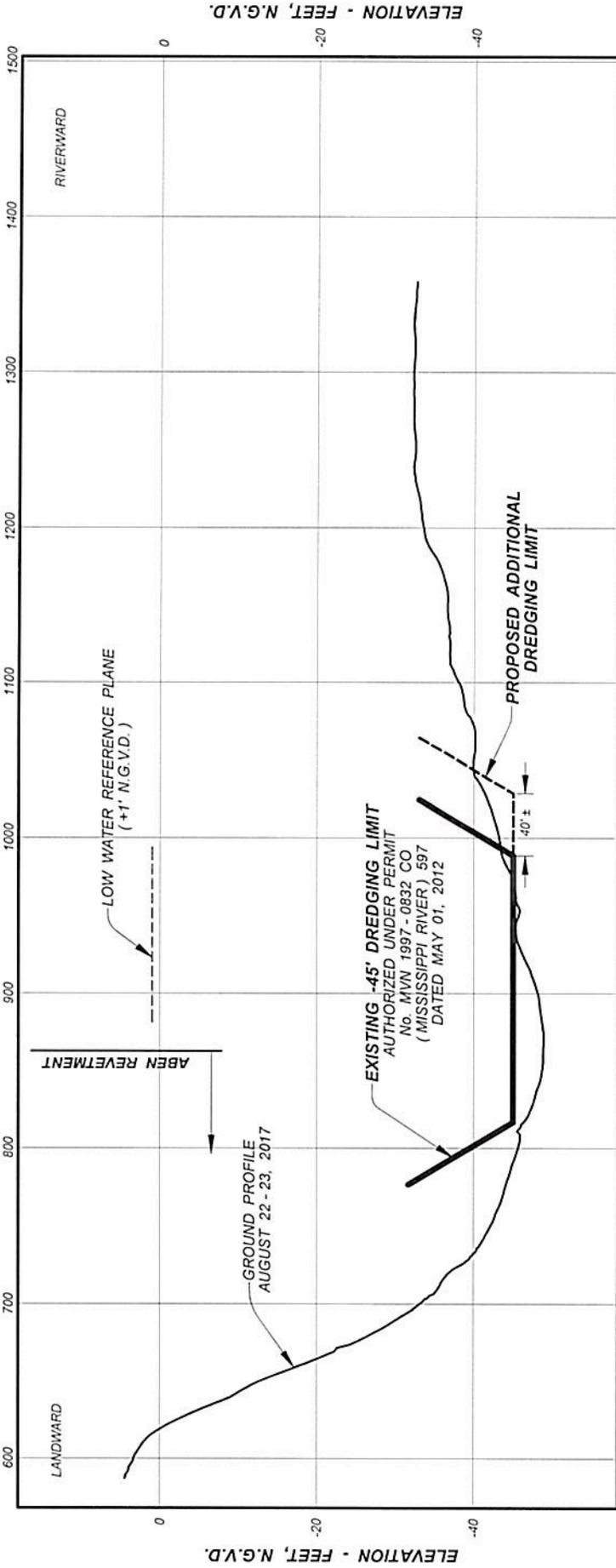
Hydro
Consultants, inc.

10275 SEGEN LANE - BATON ROUGE, LOUISIANA - (225) 766-4422

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ASCENSION PARISH, LOUISIANA

DISTANCE IN FEET BY HORIZONTAL MEASUREMENT FROM U.S.A.C.E. LEVEE BASELINE



SECTION D - D

SCALES:

1" = 100' HORIZONTAL

1" = 20' VERTICAL

NOTE:
THESE DRAWINGS WERE PREPARED SOLELY FOR ACQUISITION OF REGULATORY PERMITS AND DO NOT REPRESENT ENGINEERING OR CONSTRUCTION PLANS.



THIS DRAWING WAS PREPARED SOLELY FOR USE BY CF INDUSTRIES, INC. IN CONJUNCTION WITH THE SPECIFIC PROJECT DESIGNATED IN THE TITLE BLOCK. USE FOR ANY OTHER PURPOSE, OR USE BY ANY OTHER PARTY, SHALL BE AT USER'S SOLE RISK WITHOUT ANY LIABILITY TO HYDRO CONSULTANTS.

THIS DRAWING DOES NOT DEPICT THE RESULTS OF A BOUNDARY SURVEY AS DEFINED BY THE LOUISIANA ADMINISTRATIVE CODE, TITLE 46, PART LXI, CHAPTER 29.

THIS DRAWING IS THE PROPERTY OF HYDRO CONSULTANTS, INC. AND ANY REVISIONS MADE WITHOUT THE WRITTEN AUTHORIZATION OF THE SUPERVISING PROFESSIONAL WILL VOID THE SEAL WHICH HE HAS PLACED HEREON.

*SEE SHEET 7 OF 7 FOR GENERAL NOTES AND REFERENCES.

CF INDUSTRIES, INC.
DONALDSONVILLE, LOUISIANA

PERMIT APPLICATION

MISSISSIPPI RIVER - RIGHT DESCENDING BANK

SECTION D - D

RIVER MILE 173.5 A.H.P. (2007)
ASCENSION PARISH, LOUISIANA

Hydro
Consultants, inc.

10275 SEGEN LANE - BATON ROUGE, LOUISIANA - (225) 766-4422

DRAWN JEG CHECKED WAM APPROVED MEG JR

DATE 2/15/18 GENERAL REVISION DATE FEBRUARY 13, 2018 DWG. NO. A12-500-87, SHT. 6 OF 7

ASCENSION PARISH, LOUISIANA

NOTES:

VERTICAL DATUM IS NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.) BASED ON CF INDUSTRIES, INC. DOCK GAGE.

COORDINATES AND NORTH ARROW REFER TO THE LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD 83) BASED ON DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS) TIES.

DISTANCES ARE IN FEET BY HORIZONTAL MEASUREMENT.

PARISH INFORMATION TAKEN FROM REFERENCED CF INDUSTRIES, INC. DRAWING.

LIMITS OF DREDGING BASED ON GRADE LINES FURNISHED BY CF INDUSTRIES, INC.

RIVER MILE SCALED FROM REFERENCED CORPS OF ENGINEERS NAVIGATION BOOK.

LEVEE BASELINE INFORMATION IS BASED ON REFERENCED CORPS OF ENGINEERS TRAVERSE COMPUTATIONS.

SURVEY PARTY CHIEF: TIM WILLIS.

DATES OF SURVEY: AUGUST 22 - 23, 2017.

WATER SURFACE ELEVATION = 9.7' N.G.V.D. ON 8 / 22 / 17.
9.3' N.G.V.D. ON 8 / 23 / 17.

NOTE:
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REFERENCES:

HYDRO FIELD BOOK NO. 601 & 783.

HYDRO SOUNDING CHARTS DATED AUGUST 22 - 23, 2017.

HYDRO CONSULTANTS DRAWINGS: A12-500-18 DATED MARCH 7, 2006
E12-500-82 DATED SEPT. 8, 2017
E12-500-83 DATED SEPT. 8, 2017

CF INDUSTRIES, INC. DRAWING ENTITLED "PROPERTY BOUNDARY SURVEY OF THE CF INDUSTRIES, INC. PROPERTY" DATED JANUARY 11, 1996.

U.S. ARMY CORPS OF ENGINEERS 2007 MISSISSIPPI RIVER NAVIGATION BOOK, MAP NO. 77.

CORPS OF ENGINEERS NEW ORLEANS DISTRICT TRAVERSE COMPUTATIONS JOB NO. LLD001 DATED OCTOBER 20, 2004.

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| JEG | GENERAL | DATE | 2/15/18 |
| BY | REVISION | DRAWN | JEG |
| CF INDUSTRIES, INC. DONALDSONVILLE, LOUISIANA | | | |
| PERMIT APPLICATION MISSISSIPPI RIVER - RIGHT DESCENDING BANK | | | |
| NOTES AND REFERENCES | | | |
|  RIVER MILE 173.5 A.H.P. (2007) ASCENSION PARISH, LOUISIANA 10275 SIEGEN LANE - BATON ROUGE, LOUISIANA - (225) 766-4422 CHECKED WAM APPROVED MEG JR DATE FEBRUARY 13, 2018 DWG. NO. A12-500-87. SHT. 7 OF 7 | | | |

