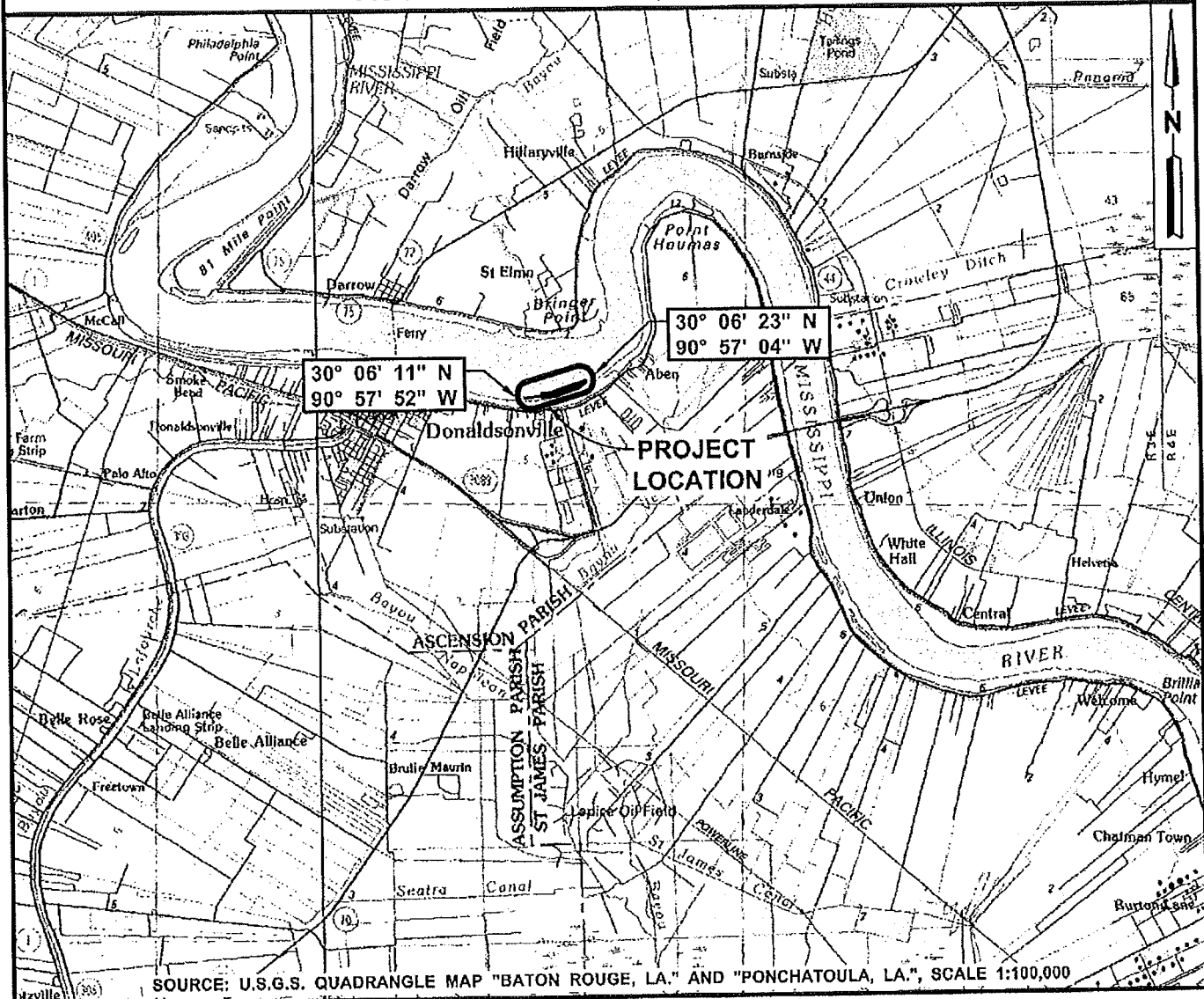


ASCENSION PARISH, LOUISIANA



SOURCE: U.S.G.S. QUADRANGLE MAP "BATON ROUGE, LA." AND "PONCHATOULA, LA.", SCALE 1:100,000

NOTE:

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

*SEE SHEET 3 OF 6 FOR GENERAL NOTES AND REFERENCES.



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SCALE

MILES



1:100,000

EG JR		BY		CF INDUSTRIES, INC.	
GENERAL		REVISION		PERMIT APPLICATION	
				MISSISSIPPI RIVER - RIGHT DESCENDING BANK RIVER MILE 173.6 A.H.P.	
				VICINITY MAP	
				ASCENSION PARISH, LOUISIANA	
				Hydro Consultants, inc.	
				BATON ROUGE, LOUISIANA	
DATE		DRAWN CAH		CHECKED WAM	
11-23-11				APPROVED MEG JR	
		DATE NOVEMBER 7, 2011		DWG. NO. A12-500-50, SHEET 1 OF 6	

ASCENSION PARISH, LOUISIANA

NAVIGATION CHANNEL

MISSISSIPPI RIVER

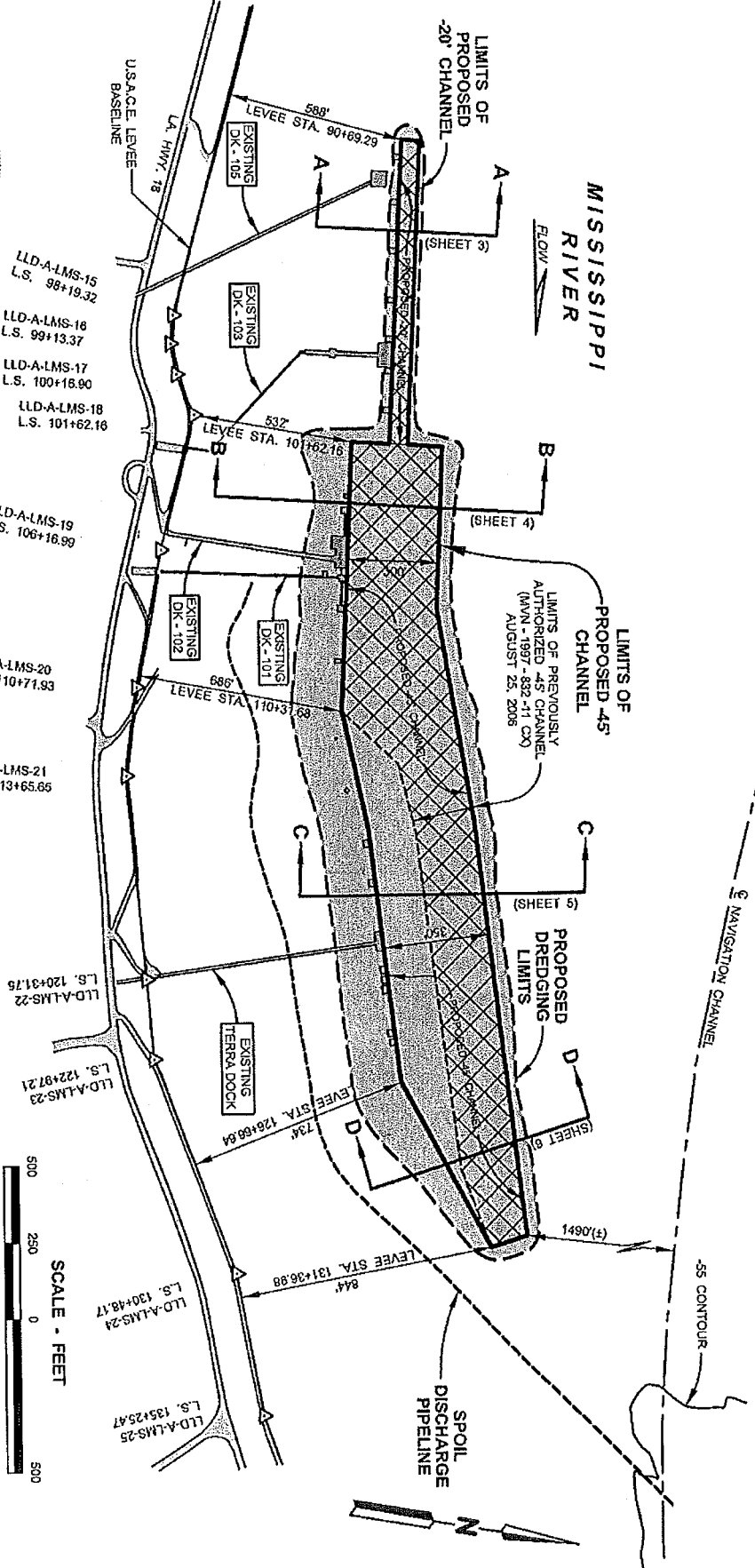
FLOW

LIMITS OF PROPOSED 45' CHANNEL

LIMITS OF PREVIOUSLY AUTHORIZED 45' CHANNEL (MVN - 1997 - 832.11 CX) AUGUST 25, 2005

PROPOSED DREDGING LIMITS

SPOIL DISCHARGE PIPELINE



NOTE:

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SEE SHEET 3 OF 6 FOR GENERAL NOTES AND REFERENCES.

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.

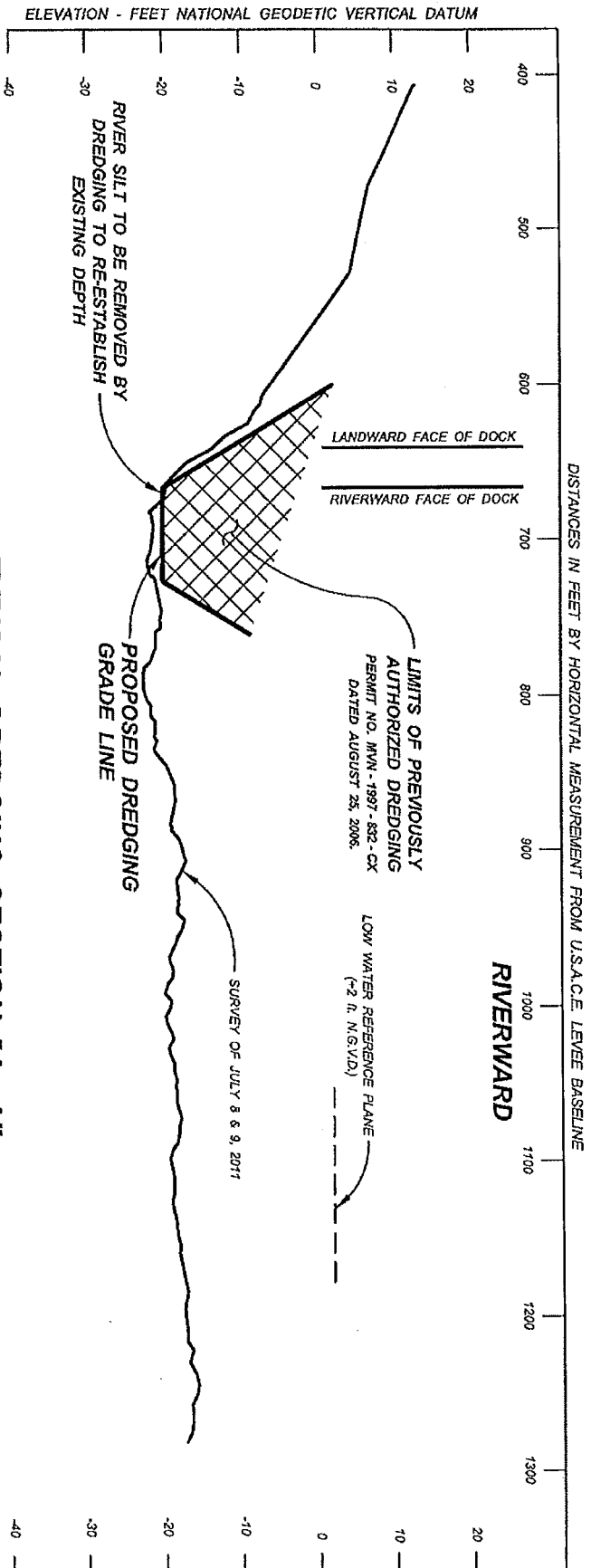


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EG JR	BY	CF INDUSTRIES, INC.
11-23-11	DATE	PERMIT APPLICATION
GENERAL	REVISION	MISSISSIPPI RIVER - RIGHT DESCENDING BANK
		RIVER MILE 173.6 A.H.P.
		ASCENSION PARISH, LOUISIANA
		MAINTENANCE DREDGING PLAN
		Hydro Consultants, inc.
		BATON ROUGE, LOUISIANA
		DATE NOVEMBER 7, 2011
		DRAWN CAH
		CHECKED WAM
		APPROVED MEG JR
		DWG. NO. A12-500-50, SHEET 2 OF 6

ASCENSION PARISH, LOUISIANA



TYPICAL DREDGING SECTION "A-A"

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

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 SURVEY TIES UTILIZING DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS).
PROPOSED DREDGING GRADE LINES PROVIDED BY THE CLIENT.

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

RIVER MILE AND CENTERLINE OF NAVIGATION CHANNEL SCALED FROM UNITED STATES ARMY CORPS OF ENGINEERS (U.S.A.C.E.) 2007 MISSISSIPPI RIVER NAVIGATION BOOK MAP NO. 77.

U.S.A.C.E. LEVEE BASELINE INFORMATION TAKEN FROM TRAVERSE COMPUTATIONS SHEET FOR THE LAFOURCHE LEVEE DISTRICT DATED OCTOBER 20, 2004.

DISTANCES ARE IN FEET BY HORIZONTAL MEASUREMENT.

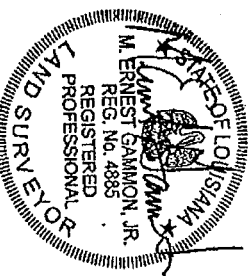
WATER SURFACE ELEVATION = 20.0' N.G.V.D. ON 7/8-9/11.

REFERENCES:

HYDRO FIELD BOOK NO. 601 & 783.

HYDRO SOUNDING CHARTS DATED JULY 8 & 9, 2011.

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

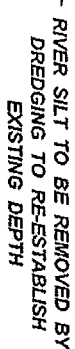


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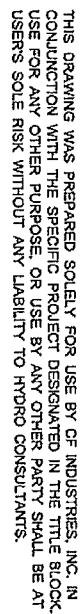
11-23-11	GENERAL	EG JR
DATE	REVISION	BY
		CF INDUSTRIES, INC.
		PERMIT APPLICATION
		MISSISSIPPI RIVER - RIGHT DESCENDING BANK
		RIVER MILE 173.6 A.H.P.
		GENERAL NOTES & SECTION A-A
		ASCENSION PARISH, LOUISIANA
		Hydro Consultants, inc.
		BATON ROUGE, LOUISIANA
		DRAWN CAH
		CHECKED WAM
		DWG. NO. A12-500-50, SHEET 3 OF 6
		APPROVED MEG JR

RIVERWARD



TYPICAL DREDGING SECTION "B-B"

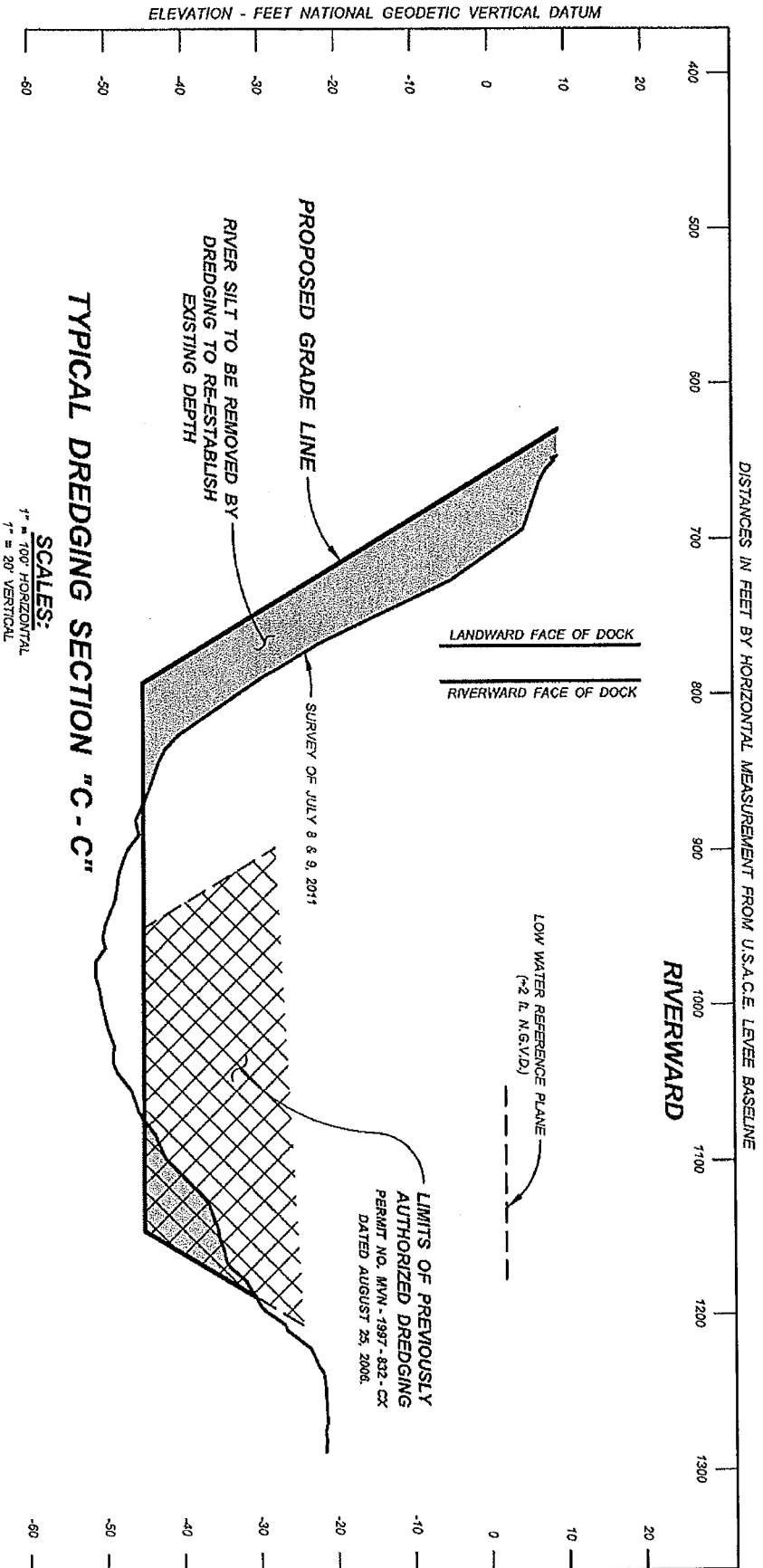
SEE SHEET 3 OF 6 FOR GENERAL NOTES AND REFERENCES.



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11-23-11	GENERAL		EG JR
DATE	REVISION		BY
DRAWN CAH	<p>MISSISSIPPI RIVER - RIGHT DESCENDING BANK RIVER MILE 173.6 A.H.P. SECTION B - B ASCENSION PARISH, LOUISIANA</p>		<p>CF INDUSTRIES, INC.</p>
DATE NOVEMBER 7, 2011			
CHECKED WAM			
BAYOU ROUGE, LOUISIANA		<p>PERMIT APPLICATION</p>	
DWG. NO. A12-500-50, SHEET 4 OF 6	APPROVED MEG JR		

ASCENSION PARISH, LOUISIANA



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

TYPICAL DREDGING SECTION "C-C"

NOTE:

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SEE SHEET 3 OF 6 FOR GENERAL NOTES AND REFERENCES.

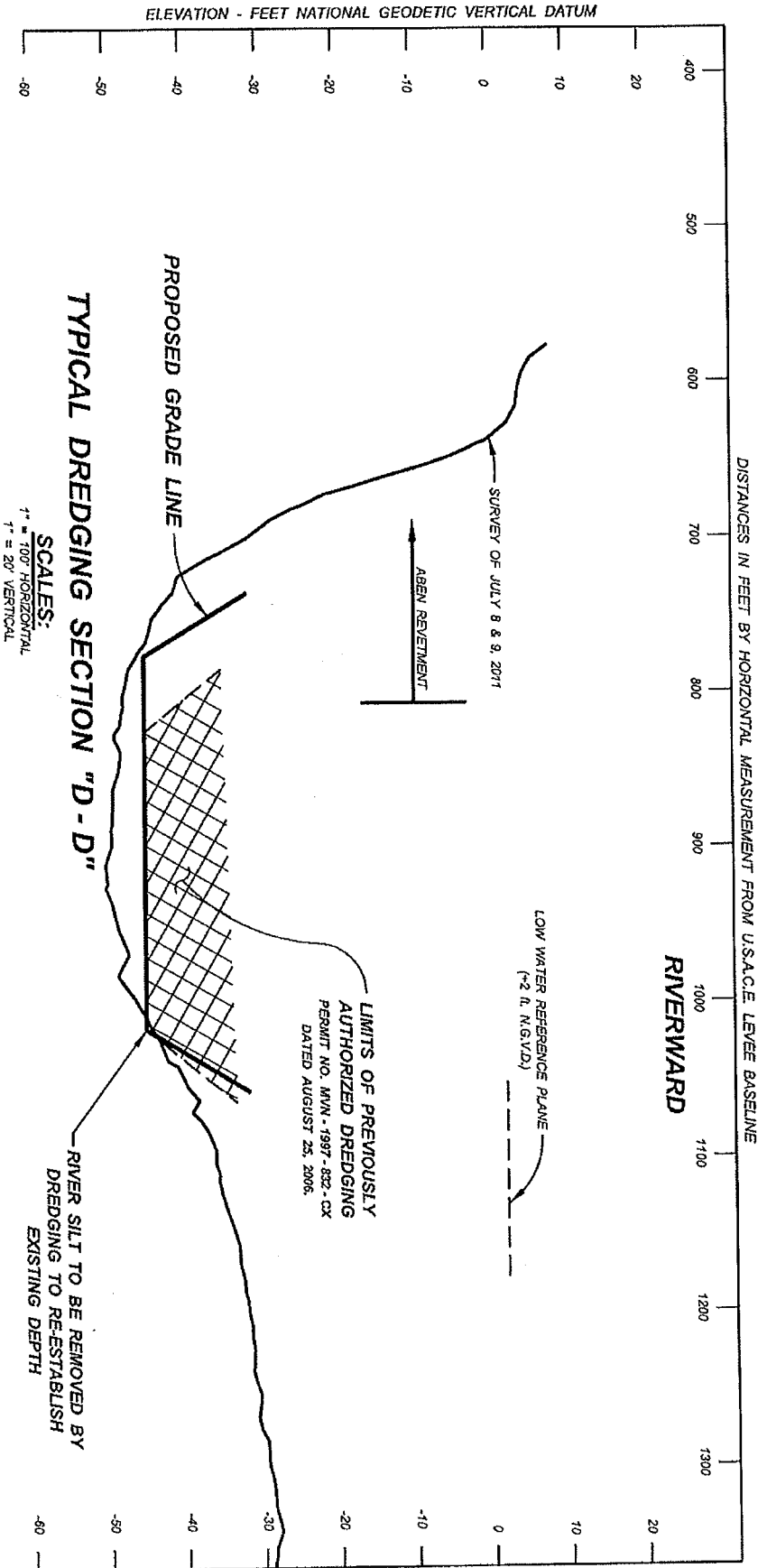


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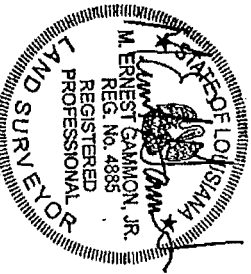
11-23-11	GENERAL	EG JR
DATE	REVISION	BY
DRAWN CAH		
DATE NOVEMBER 7, 2011		
CHECKED WAM		
DWG. NO. A12-500-50, SHEET 5 OF 6		
CF INDUSTRIES, INC. PERMIT APPLICATION MISSISSIPPI RIVER - RIGHT DESCENDING BANK RIVER MILE 173.6 A.H.P. SECTION C-C ASCENSION PARISH, LOUISIANA		
Hydro Consultants, inc. BATON ROUGE, LOUISIANA		
APPROVED MEG JR		

ASCENSION PARISH, LOUISIANA



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EG JR	BY	CF INDUSTRIES, INC.
GENERAL	REVISION	PERMIT APPLICATION
11-23-11	DATE	MISSISSIPPI RIVER - RIGHT DESCENDING BANK RIVER MILE 173.6 A.H.P. SECTION D-D ASCENSION PARISH, LOUISIANA
DRAWN CAH	CHECKED WAM	APPROVED MEG JR
DATE NOVEMBER 7, 2011	DWG. NO. A12500-50	SHEET 8 OF 6

Hydro
Consultants, inc.