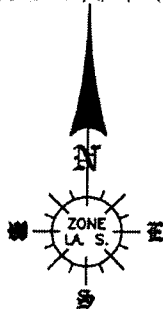
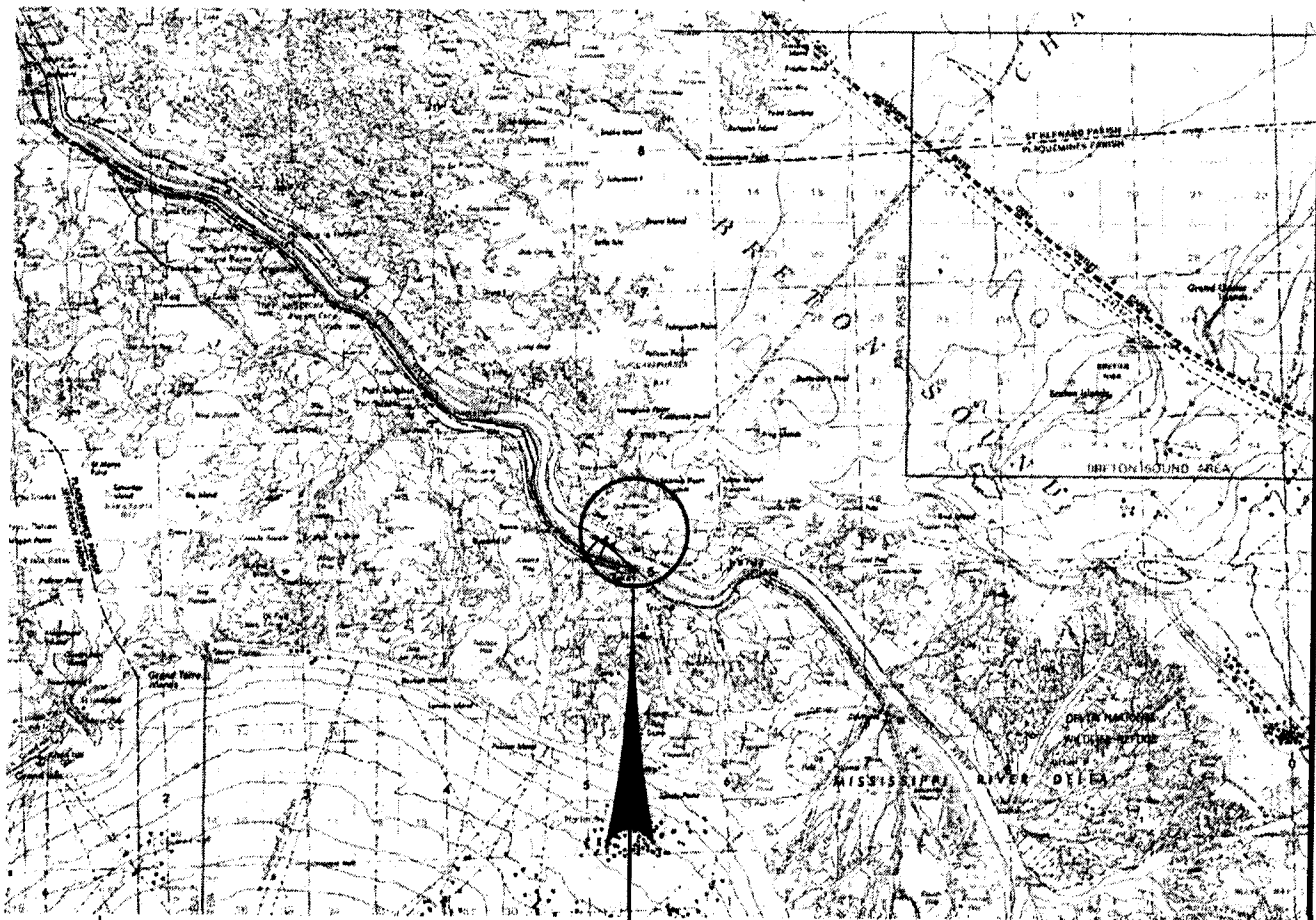
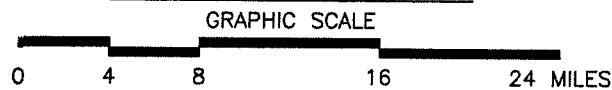


NOTE: THE PROJECT SITE IS LOCATED 1.96 MILES NORTHWEST OF BURAS, LOUISIANA.



## PROJECT LOCATION VICINITY MAP



NO.	DATE	REV. BY:	REVISION
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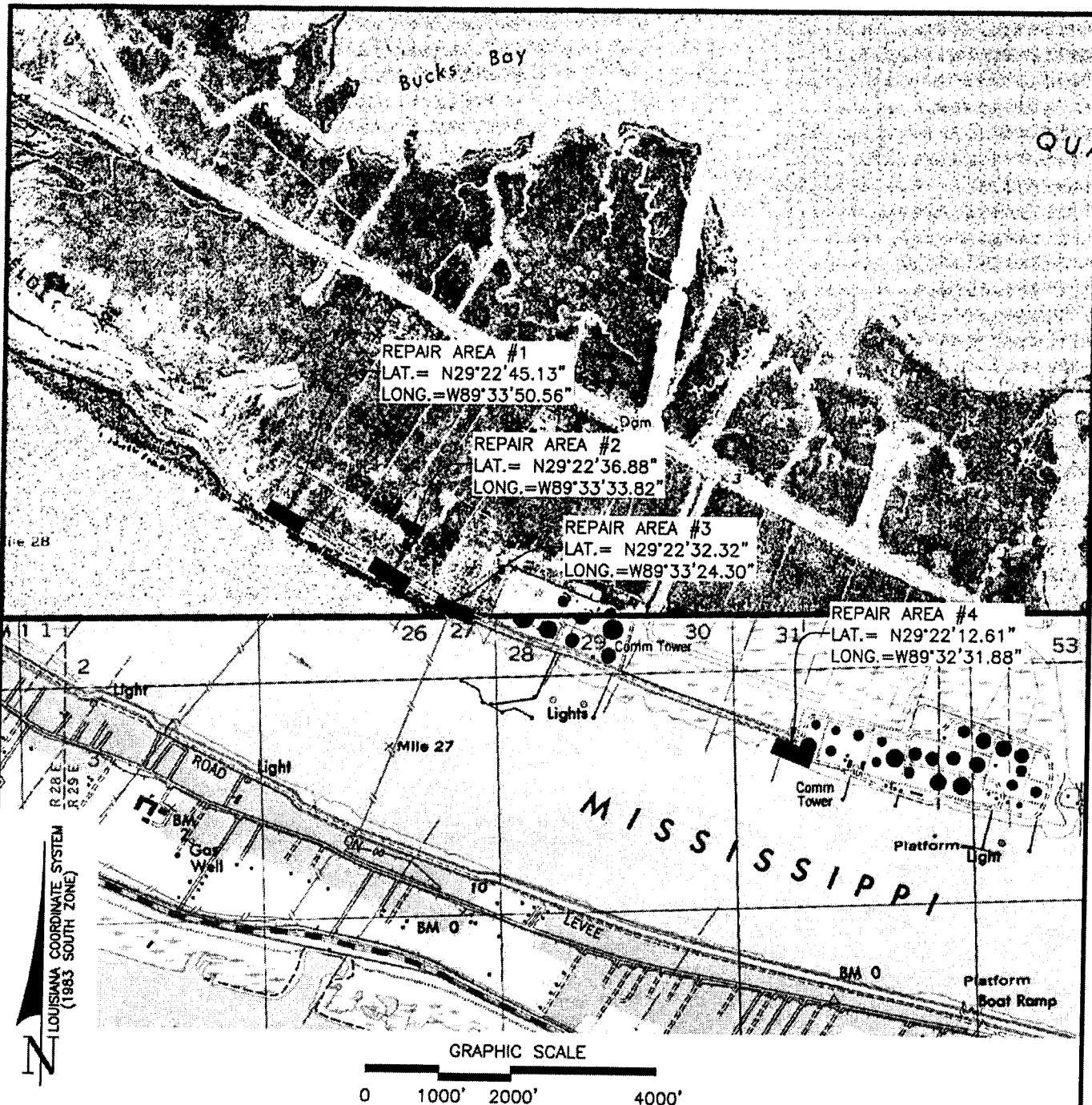
### CHEVRON PIPELINE COMPANY

PROPOSED BERM/LEVEE SCOUR REPAIRS  
LOCATED IN  
LEVEE SCOUR/EROSION AREAS  
SECTION 24, T19S-R16E & SECTIONS 26, 27, & 32, T20S-R16E  
PLAQUEMINES PARISH, LOUISIANA

**mph**  
Morris P. Hebert, Inc.  
SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
P.O. BOX 3106 • 283 CORPORATE DRIVE • HOUMA, LOUISIANA 70361 • (985) 879-2731  
10101 SOUTHWEST FREEWAY • SUITE 400 • HOUSTON, TEXAS 77074 • (713) 219-1470

DRAWN BY: KJD	SHEET: 1
CHKD./APPD. BY: AJG/GML	SCALE: AS SHOWN
UPDATED BY:	DATE: 12/19/11
DATA BASE: 10907-02	JOB NO. 10907-02
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## CHEVRON PIPELINE COMPANY

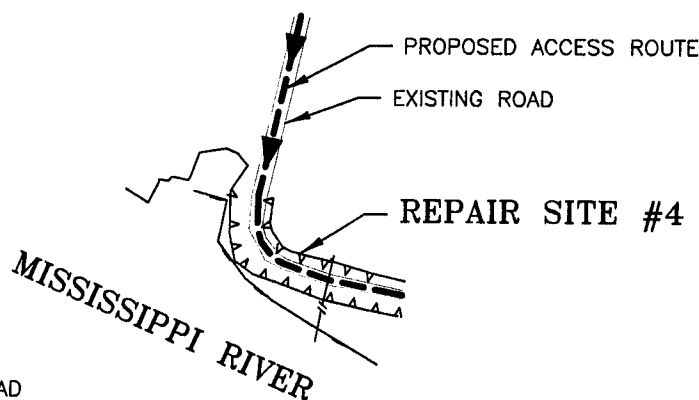
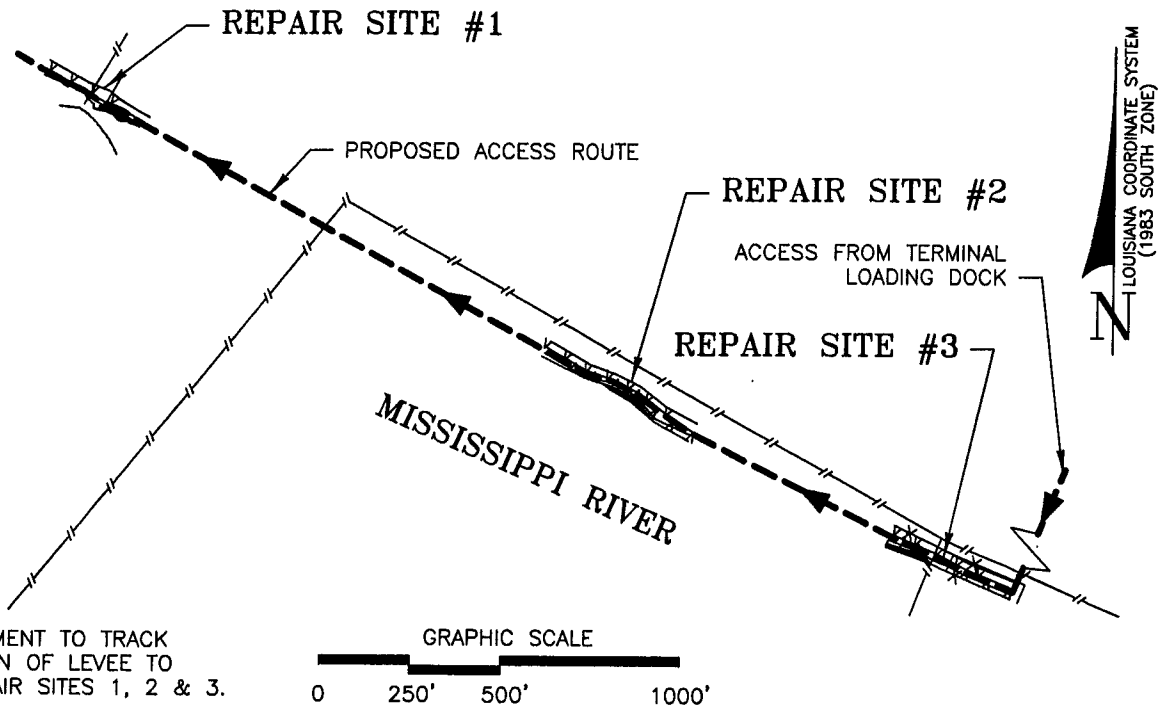
### OVERALL PLAN VIEW



**Morris P. Hebert, Inc.**  
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10101 SOUTHWEST FREEWAY • SUITE 400 • HOUSTON, TEXAS 77074 • (713) 219-1470

DRAWN BY:	KJD	SHEET:	2A
CHKD./APPD. BY:	AJG/GML	SCALE:	1"=2000'
UPDATED BY:		DATE:	12/19/11
DATA BASE:	10907-02	JOB NO.	10907-02
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AN ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; HOWEVER, DUE TO THE INHERENT LIMITATIONS OF ELECTRONIC MAGNETIC LOCATING EQUIPMENT, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE SURVEY.

NOTE: THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

NO.	DATE	REV. BY:	REVISION
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## CHEVRON PIPELINE COMPANY

### PLAN VIEW AREA #4 - EXISTING CONDITIONS

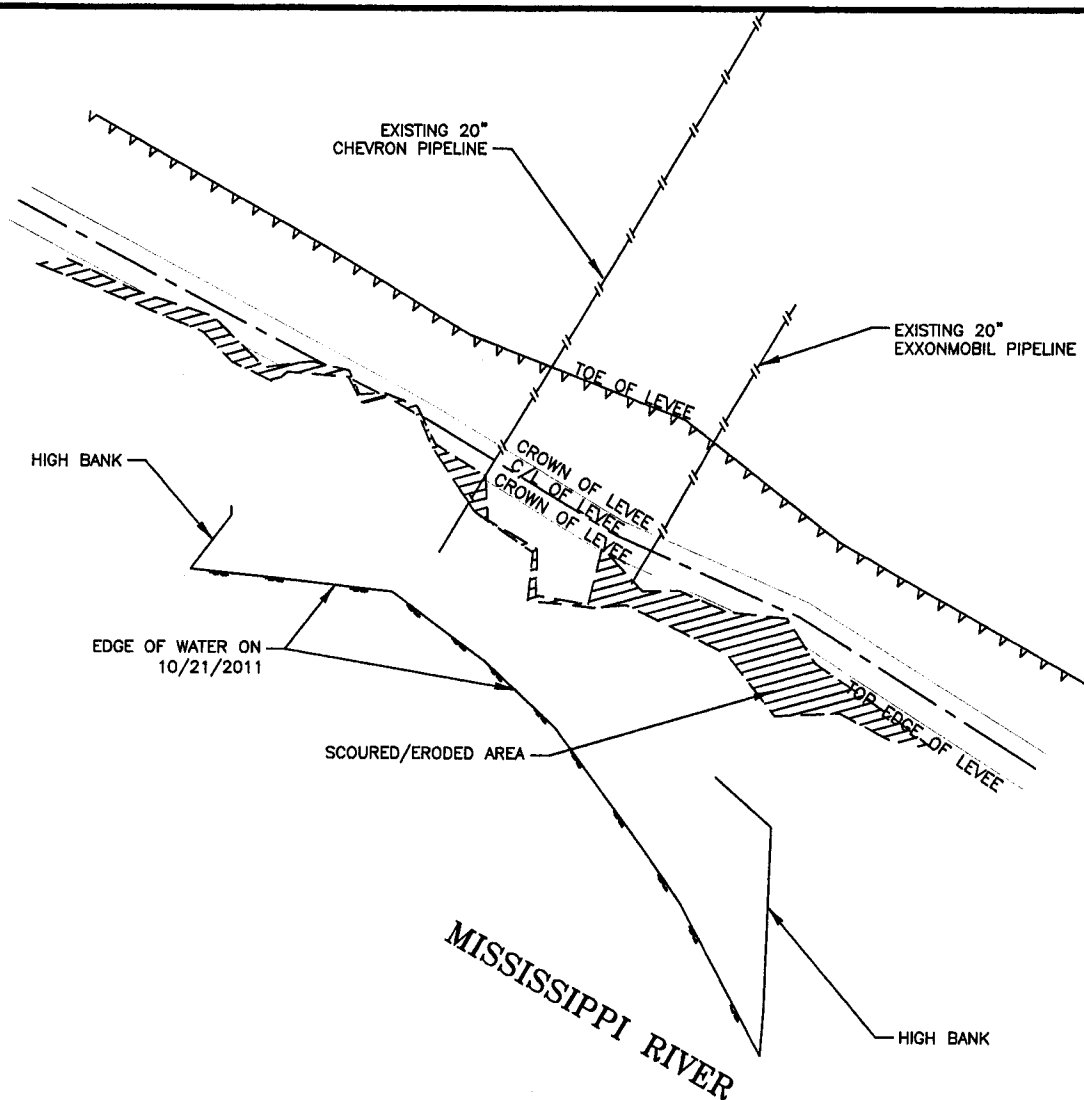


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DRAWN BY: KJD	SHEET: 2B
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UPDATED BY:	DATE: 12/19/11
DATA BASE: 10907-02	JOB NO. 10907-02
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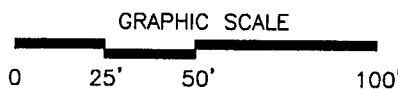
LOUISIANA COORDINATE SYSTEM  
(1983 SOUTH ZONE)



**LEGEND:**

 SCoured/ERoded LEVEE/  
WASHOUT AREA

AN ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; HOWEVER, DUE TO THE INHERENT LIMITATIONS OF ELECTRONIC MAGNETIC LOCATING EQUIPMENT, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE SURVEY.



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NO.	DATE	REV. BY:	REVISION

## CHEVRON PIPELINE COMPANY

### PLAN VIEW AREA #1 - EXISTING CONDITIONS

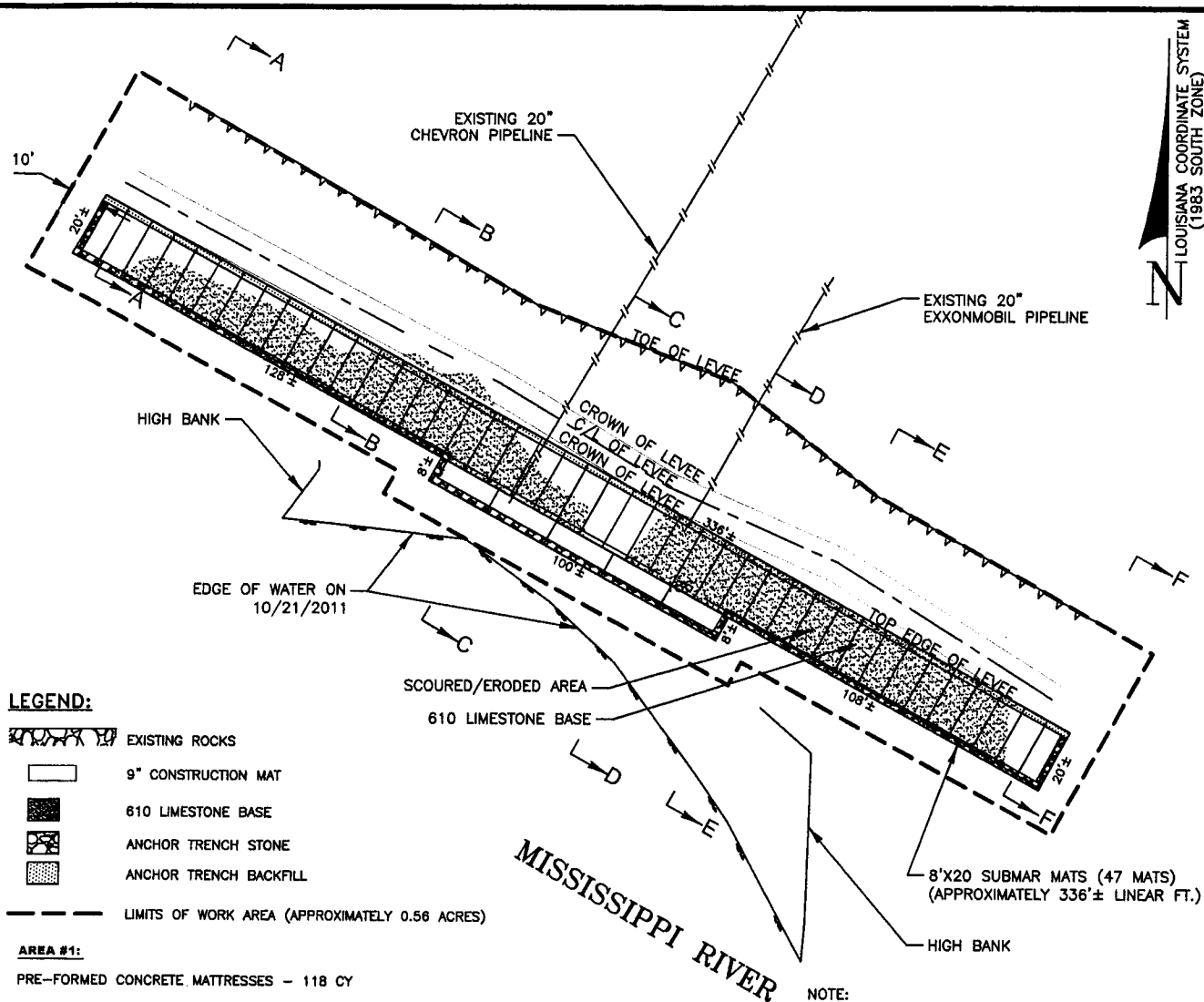


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DRAWN BY: KJD	SHEET: 3A
CHKD./APPD. BY: AJG/GML	SCALE: 1"=50'
UPDATED BY:	DATE: 12/19/11
DATA BASE: 10907-02	JOB NO. 10907-02
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#### LEGEND:

- EXISTING ROCKS
- 9" CONSTRUCTION MAT
- 610 LIMESTONE BASE
- ANCHOR TRENCH STONE
- ANCHOR TRENCH BACKFILL
- LIMITS OF WORK AREA (APPROXIMATELY 0.56 ACRES)

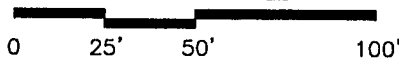
#### AREA #1:

PRE-FORMED CONCRETE MATTRESSES - 118 CY  
 LIMESTONE BASE - 383 CY  
 1 1/2" - 3" LIMESTONE - 58 CY  
 CUT MATERIAL FROM ANCHOR TRENCHES - 108 CY  
 TOTAL ACREAGE OF FILL AREA = 0.173 ACRES

AN ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; HOWEVER, DUE TO THE INHERENT LIMITATIONS OF ELECTRONIC MAGNETIC LOCATING EQUIPMENT, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE SURVEY.

MISSISSIPPI RIVER

#### GRAPHIC SCALE



NOTE: MATERIAL EXCAVATED FROM TRENCH TO BE PLACED IN VOIDS BETWEEN MAT BLOCKS TO PROVIDE STABILITY TO MATS/PROMOTE GROWTH OF VEGETATION.

NOTE: SEE SHEET 8, NOTE 1 FOR HIGH BANK ANCHOR TRENCH & NOTE 2 FOR TOE & SIDE ANCHOR TRENCH

NOTE: THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

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## CHEVRON PIPELINE COMPANY

### PLAN VIEW AREA #1

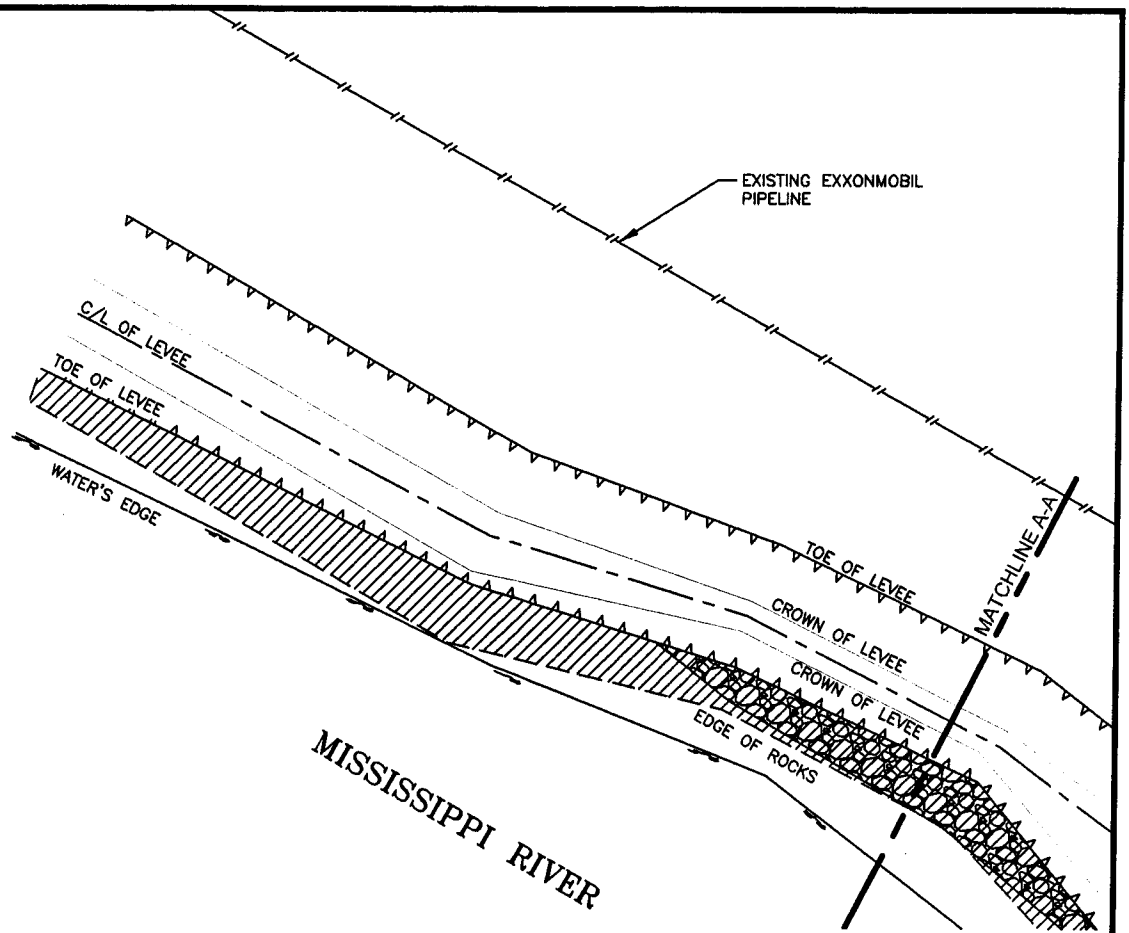


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 10101 SOUTHWEST FREEWAY • SUITE 400 • HOUSTON, TEXAS 77074 • (713) 219-1470

DRAWN BY: KJD	SHEET: 3B
CHKD./APPD. BY: AJG/GML	SCALE: 1"=50'
UPDATED BY:	DATE: 12/19/11
DATA BASE: 10907-02	JOB NO. 10907-02
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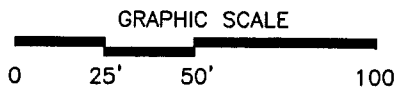
LOUISIANA COORDINATE SYSTEM  
(1983 SOUTH ZONE)



**LEGEND:**

- SCoured/ERoded  
LEVEE/WASHOUT AREA
- EXISTING ROCKS

AN ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; HOWEVER, DUE TO THE INHERENT LIMITATIONS OF ELECTRONIC MAGNETIC LOCATING EQUIPMENT, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE SURVEY.



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NO.	DATE	REV. BY:	REVISION
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## CHEVRON PIPELINE COMPANY

### PLAN VIEW AREA #2 - EXISTING CONDITIONS



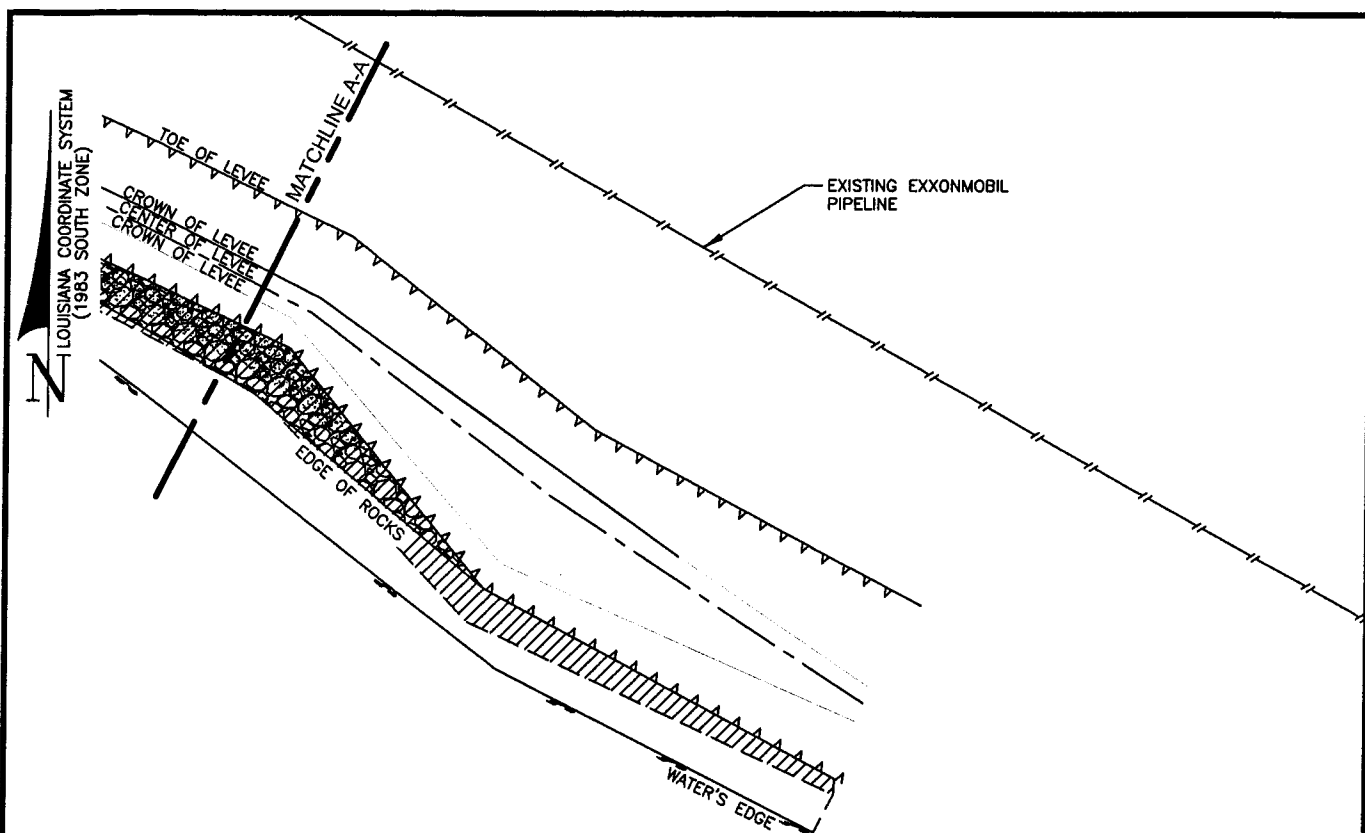
**Morris P. Hebert, Inc.**

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10101 SOUTHWEST FREEWAY • SUITE 400 • HOUSTON, TEXAS 77074 • (713) 219-1470

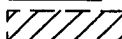
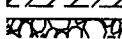
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DATA BASE: 10907-02	JOB NO. 10907-02

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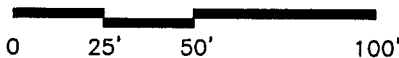


**LEGEND:**

-  SCoured/ERODED  
LEVEE/WASHOUT AREA
-  EXISTING ROCKS

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**GRAPHIC SCALE**



NOTE: THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

NO.	DATE	REV. BY:

REVISION

**CHEVRON PIPELINE COMPANY**

**PLAN VIEW AREA #2 - EXISTING CONDITIONS**

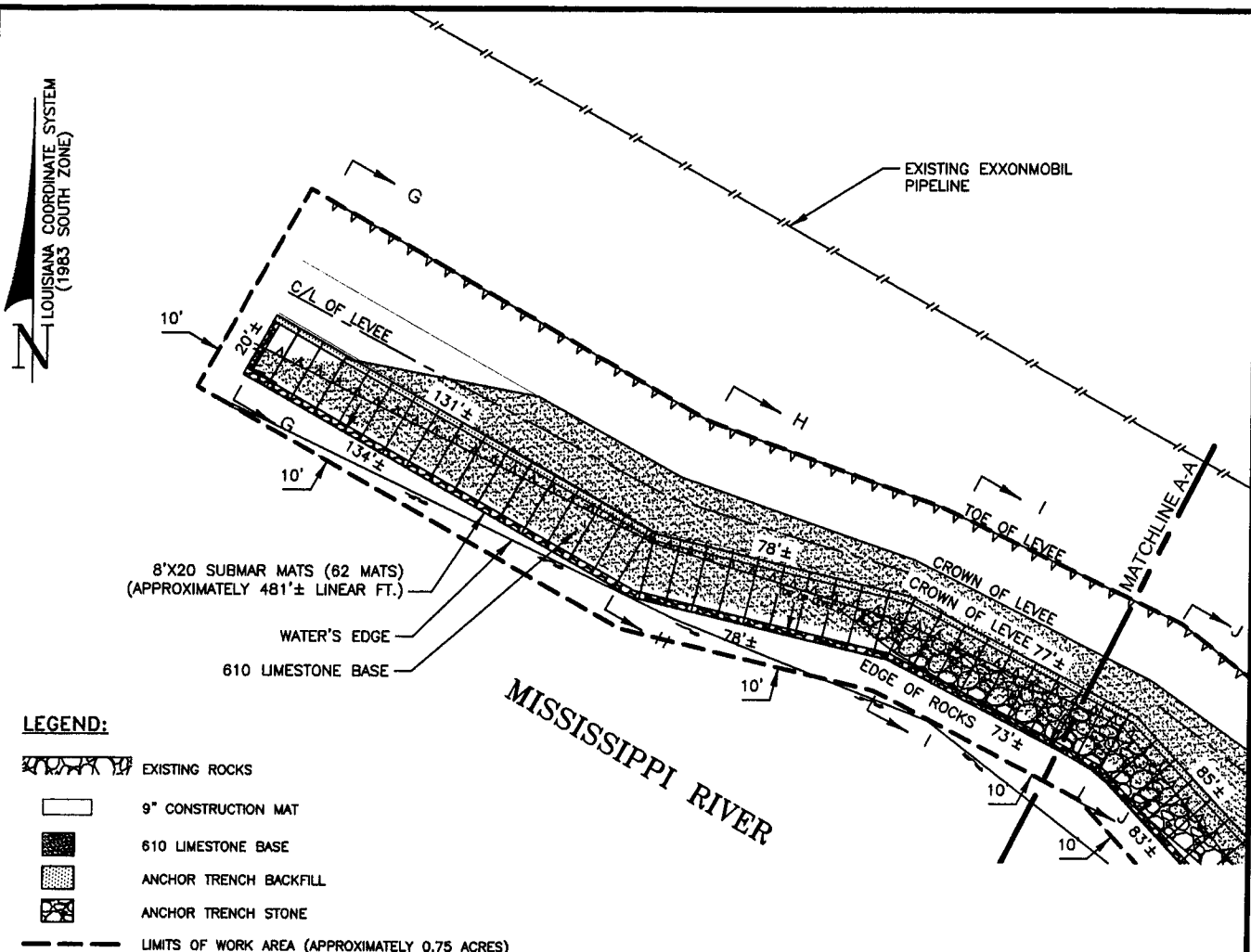


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10101 SOUTHWEST FREEWAY • SUITE 400 • HOUSTON, TEXAS 77074 • (713) 219-1470

DRAWN BY: KJD	SHEET: 4B
CHKD./APPD. BY: AJG/GML	SCALE: 1"=50'
UPDATED BY:	DATE: 12/19/11
DATA BASE: 10907-02	JOB NO. 10907-02
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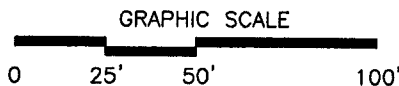
#### LEGEND:

- EXISTING ROCKS
- 9" CONSTRUCTION MAT
- 610 LIMESTONE BASE
- ANCHOR TRENCH BACKFILL
- ANCHOR TRENCH STONE
- LIMITS OF WORK AREA (APPROXIMATELY 0.75 ACRES)

#### AREA #2:

PRE-FORMED CONCRETE MATTRESSES - 155 CY  
 LIMESTONE BASE - 235 CY  
 1 1/2" - 3" LIMESTONE - 72 CY  
 CLAY - 630 CY  
 CUT MATERIAL FROM ANCHOR TRENCHES - 138 CY  
 TOTAL ACREAGE OF FILL AREA = 0.56 ACRES

AN ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; HOWEVER, DUE TO THE INHERENT LIMITATIONS OF ELECTRONIC MAGNETIC LOCATING EQUIPMENT, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE SURVEY.



NOTE:  
 MATERIAL EXCAVATED FROM TRENCH TO BE PLACED IN VOIDS BETWEEN MAT BLOCKS TO PROVIDE STABILITY TO MATS/PROMOTE GROWTH OF VEGETATION.

NOTE:  
 SEE SHEET 8, NOTE 1 FOR HIGH BANK ANCHOR TRENCH & NOTE 2 FOR TOE & SIDE ANCHOR TRENCH.

NOTE: THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

NO.	DATE	REV. BY:	REVISION
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## CHEVRON PIPELINE COMPANY

### PLAN VIEW AREA #2

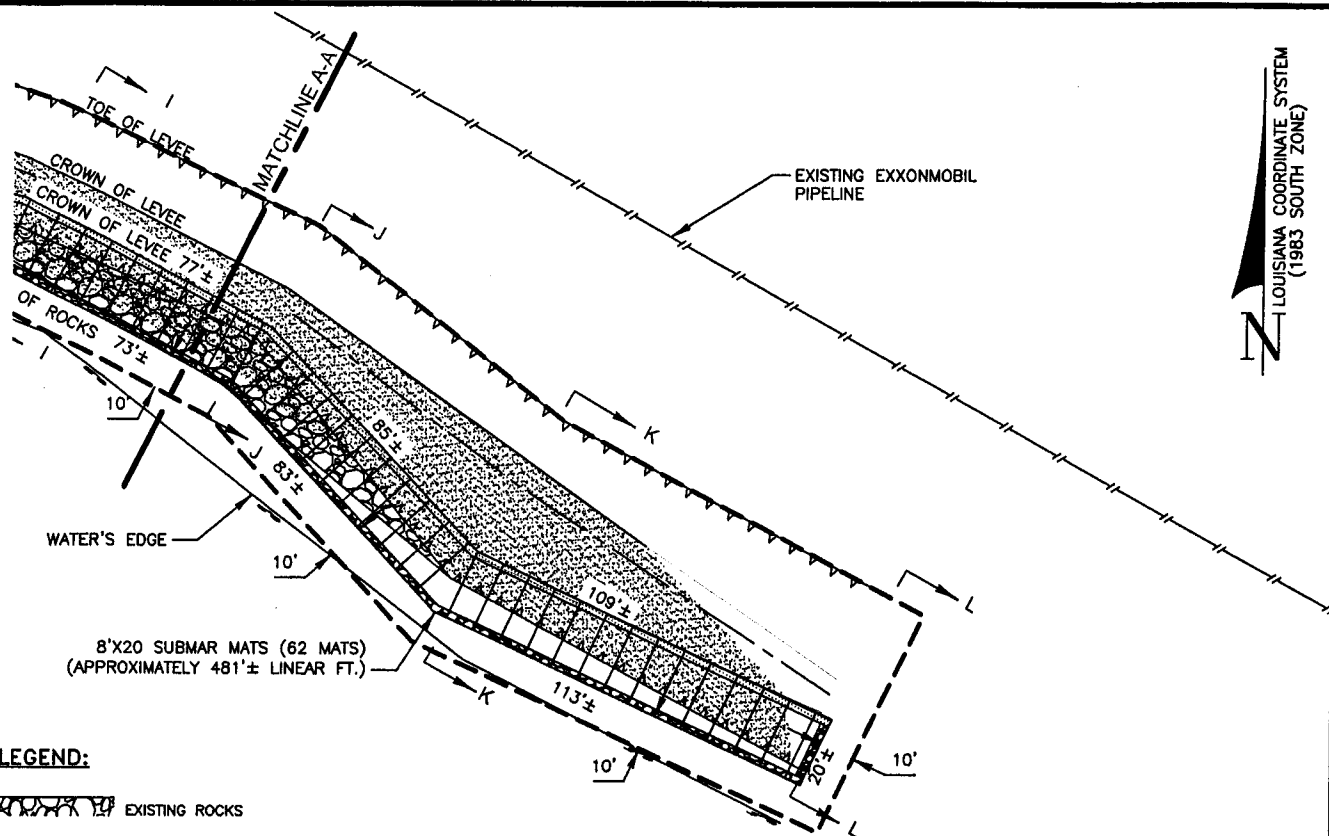


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DRAWN BY: KJD	SHEET: 4C
CHKD./APPD. BY: AJG/GML	SCALE: 1"=50'
UPDATED BY:	DATE: 12/19/11
DATA BASE: 10907-02	JOB NO. 10907-02
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**LEGEND:**

- EXISTING ROCKS
- 9" CONSTRUCTION MAT
- 610 LIMESTONE BASE
- ANCHOR TRENCH BACKFILL
- ANCHOR TRENCH STONE
- LIMITS OF WORK AREA (APPROXIMATELY 0.75 ACRES)

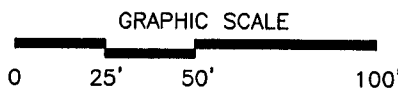
**AREA #2:**

PRE-FORMED CONCRETE MATTRESSES - 155 CY  
 LIMESTONE BASE - 235 CY  
 1 1/2" - 3" LIMESTONE - 72 CY  
 CLAY - 630 CY  
 CUT MATERIAL FROM ANCHOR TRENCHES - 138 CY  
 TOTAL ACREAGE OF FILL AREA = 0.56 ACRES

NOTE:  
 MATERIAL EXCAVATED FROM TRENCH TO BE PLACED IN VOIDS BETWEEN MAT BLOCKS TO PROVIDE STABILITY TO MATS/PROMOTE GROWTH OF VEGETATION.

NOTE:  
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NO.	DATE	REV. BY:	REVISION
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## CHEVRON PIPELINE COMPANY

### PLAN VIEW AREA #2

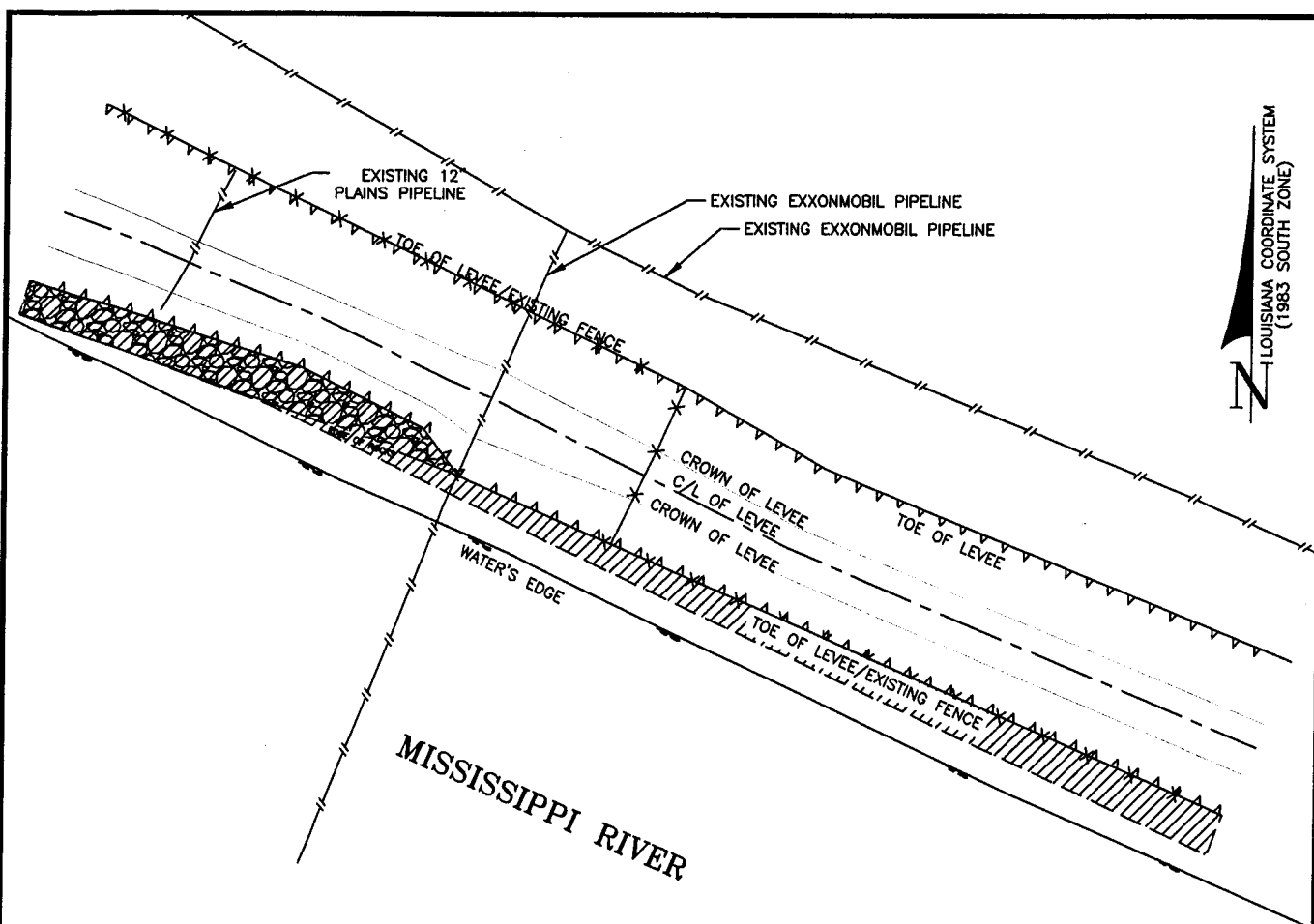


**Morris P. Hebert, Inc.**

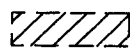
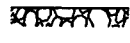
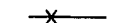
SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
 P.O. BOX 3106 • 283 CORPORATE DRIVE • HOUMA, LOUISIANA 70361 • (985) 879-2731  
 10101 SOUTHWEST FREEWAY • SUITE 400 • HOUSTON, TEXAS 77074 • (713) 219-1470

DRAWN BY: KJD	SHEET: 4D
CHKD./APPD. BY: AJG/GML	SCALE: 1"=50'
UPDATED BY:	DATE: 12/19/11
DATA BASE: 10907-02	JOB NO. 10907-02
MPH CAD FILE: 10907-02COE0004D2.DWG	

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# LEGEND:

-  SCoured/ERoded LEVEE/WASHOUT AREA
-  EXISTING ROCKS
-  EXISTING FENCE

AN ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; HOWEVER, DUE TO THE INHERENT LIMITATIONS OF ELECTRONIC MAGNETIC LOCATING EQUIPMENT, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE SURVEY.

## GRAPHIC SCALE

0 25' 50' 100'

NOTE: THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

NO.	DATE	REV. BY:	REVISION

## CHEVRON PIPELINE COMPANY

### PLAN VIEW AREA #3 - EXISTING CONDITIONS

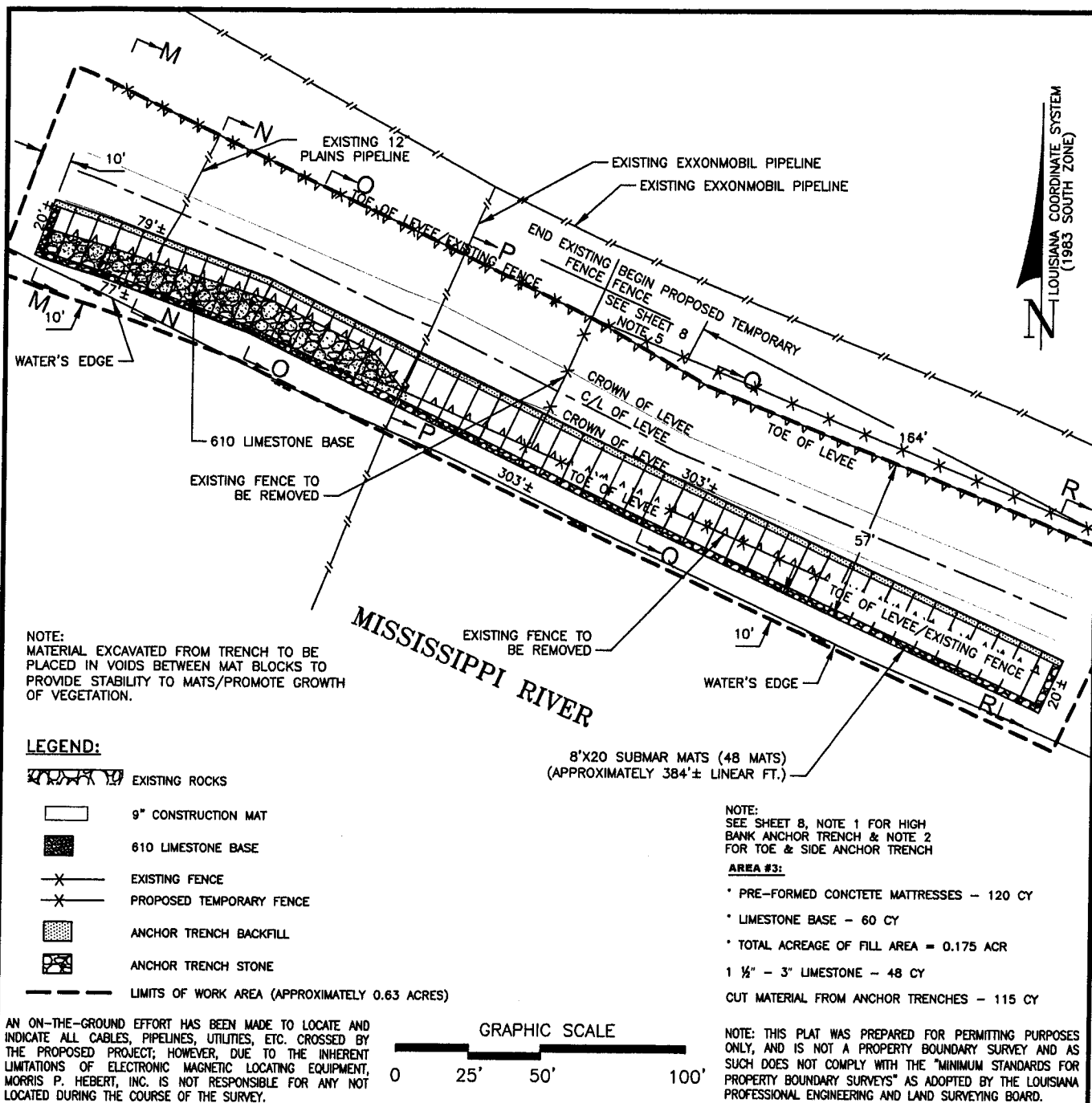


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DRAWN BY: KJD	SHEET: 5A
CHKD./APPD. BY: AJG/GML	SCALE: 1"=50'
UPDATED BY:	DATE: 12/19/11
DATA BASE: 10907-02	JOB NO. 10907-02
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NO.	DATE	REV. BY:	REVISION

## CHEVRON PIPELINE COMPANY

### PLAN VIEW AREA #3

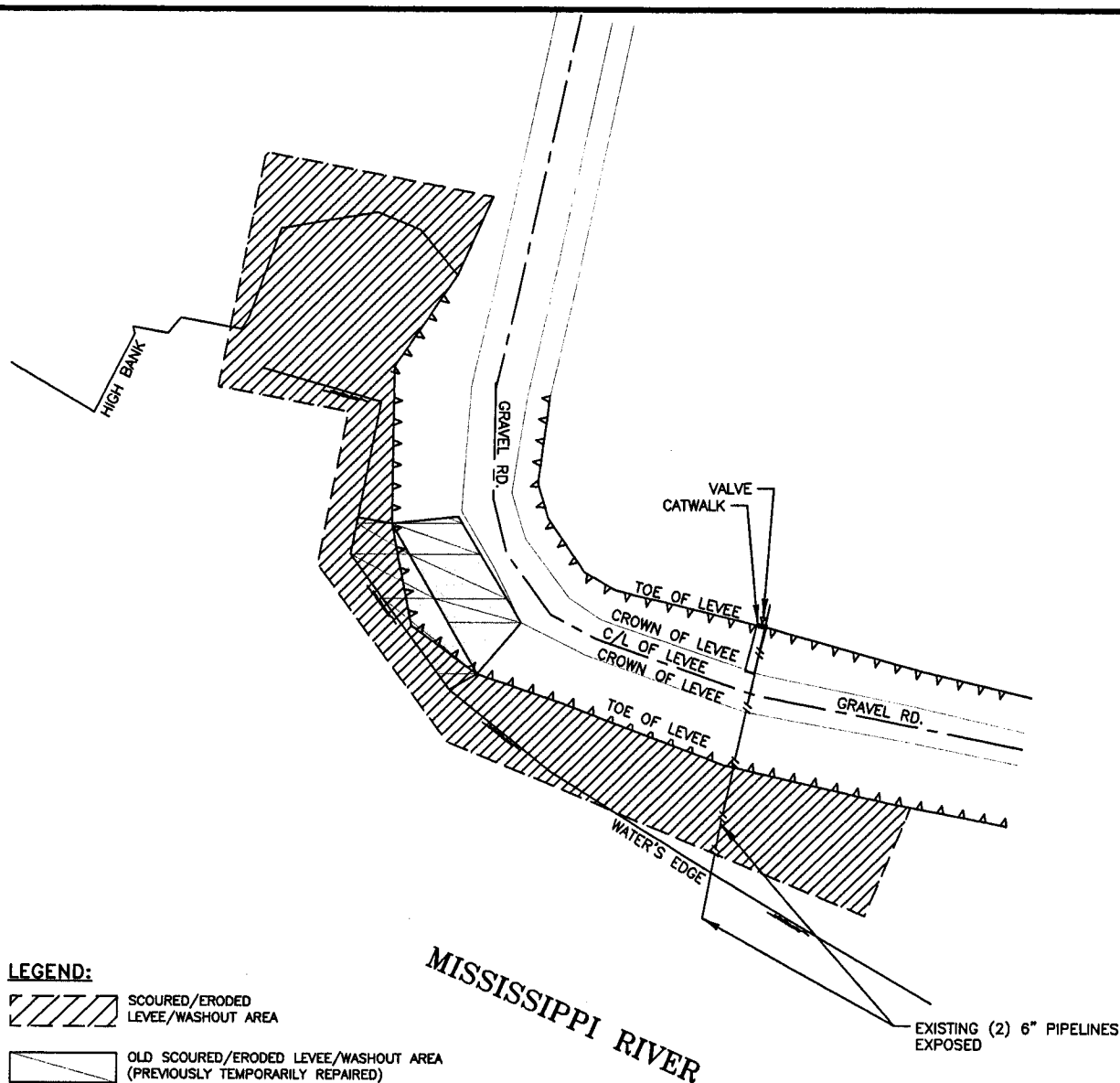


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 10101 SOUTHWEST FREEWAY • SUITE 400 • HOUSTON, TEXAS 77074 • (713) 219-1470

DRAWN BY: KJD	SHEET: 5B
CHKD./APPD. BY: AJG/GML	SCALE: 1"=50'
UPDATED BY:	DATE: 12/19/11
DATA BASE: 10907-02	JOB NO. 10907-02
MPH CAD FILE: 10907-02COE0005B2.DWG	

W:\dwg\10907-02\Permits\REVISION 2 - 12-19-2011\10907-02COE0006A2.dwg PLOT DATE: 2/23/12 10:43:06am

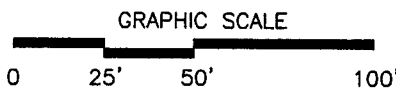
LOUISIANA COORDINATE SYSTEM  
(1983 SOUTH ZONE)



**LEGEND:**

- SCoured/ERoded LEVEE/WASHOUT AREA
- OLD SCoured/ERoded LEVEE/WASHOUT AREA (PREVIOUSLY TEMPORARILY REPAIRED)

AN ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; HOWEVER, DUE TO THE INHERENT LIMITATIONS OF ELECTRONIC MAGNETIC LOCATING EQUIPMENT, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE SURVEY.



NOTE: THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

NO.	DATE	REV. BY:	REVISION
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**CHEVRON PIPELINE COMPANY**

**PLAN VIEW AREA #4 - EXISTING CONDITIONS**



**Morris P. Hebert, Inc.**  
SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
P.O. BOX 3106 • 283 CORPORATE DRIVE • HOUMA, LOUISIANA 70361 • (985) 879-2731  
10101 SOUTHWEST FREEWAY • SUITE 400 • HOUSTON, TEXAS 77074 • (713) 219-1470

DRAWN BY: KJD	SHEET: 6A
CHKD./APPD. BY: AJG/GML	SCALE: 1"=50'
UPDATED BY:	DATE: 12/19/11
DATA BASE: 10907-02	JOB NO. 10907-02
MPH CAD FILE: 10907-02COE0006A2.DWG	

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LOUISIANA COORDINATE SYSTEM  
(1983 SOUTH ZONE)

NOTE:  
MATERIAL EXCAVATED FROM  
TRENCH TO BE PLACED IN VOIDS  
BETWEEN MAT BLOCKS TO PROVIDE  
STABILITY TO MATS/PROMOTE  
GROWTH OF VEGETATION.

NOTE:  
SEE SHEET 8, NOTE 1 FOR HIGH  
BANK ANCHOR TRENCH & NOTE 2  
FOR TOE & SIDE ANCHOR TRENCH

#### LEGEND:



9" CONSTRUCTION MAT



ANCHOR TRENCH STONE



ANCHOR TRENCH BACKFILL

--- LIMITS OF WORK AREA (APPROXIMATELY 0.45 ACRES)

#### AREA #4:

PRE-FORMED CONCRETE MATTRESSES - 238 CY

1 1/2" - 3" LIMESTONE - 71 CY

CUT MATERIAL FROM ANCHOR TRENCHES - 114 CY

TOTAL ACREAGE OF FILL AREA = 0.336 ACRES

AN ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND  
INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY  
THE PROPOSED PROJECT; HOWEVER, DUE TO THE INHERENT  
LIMITATIONS OF ELECTRONIC MAGNETIC LOCATING EQUIPMENT,  
MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT  
LOCATED DURING THE COURSE OF THE SURVEY.

MISSISSIPPI RIVER

GRAPHIC SCALE

0 25' 50' 100'

NOTE: THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES  
ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS  
SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR  
PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA  
PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

NO. DATE REV. BY:

REVISION

CHEVRON PIPELINE COMPANY

PLAN VIEW AREA #4



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