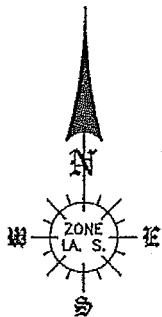
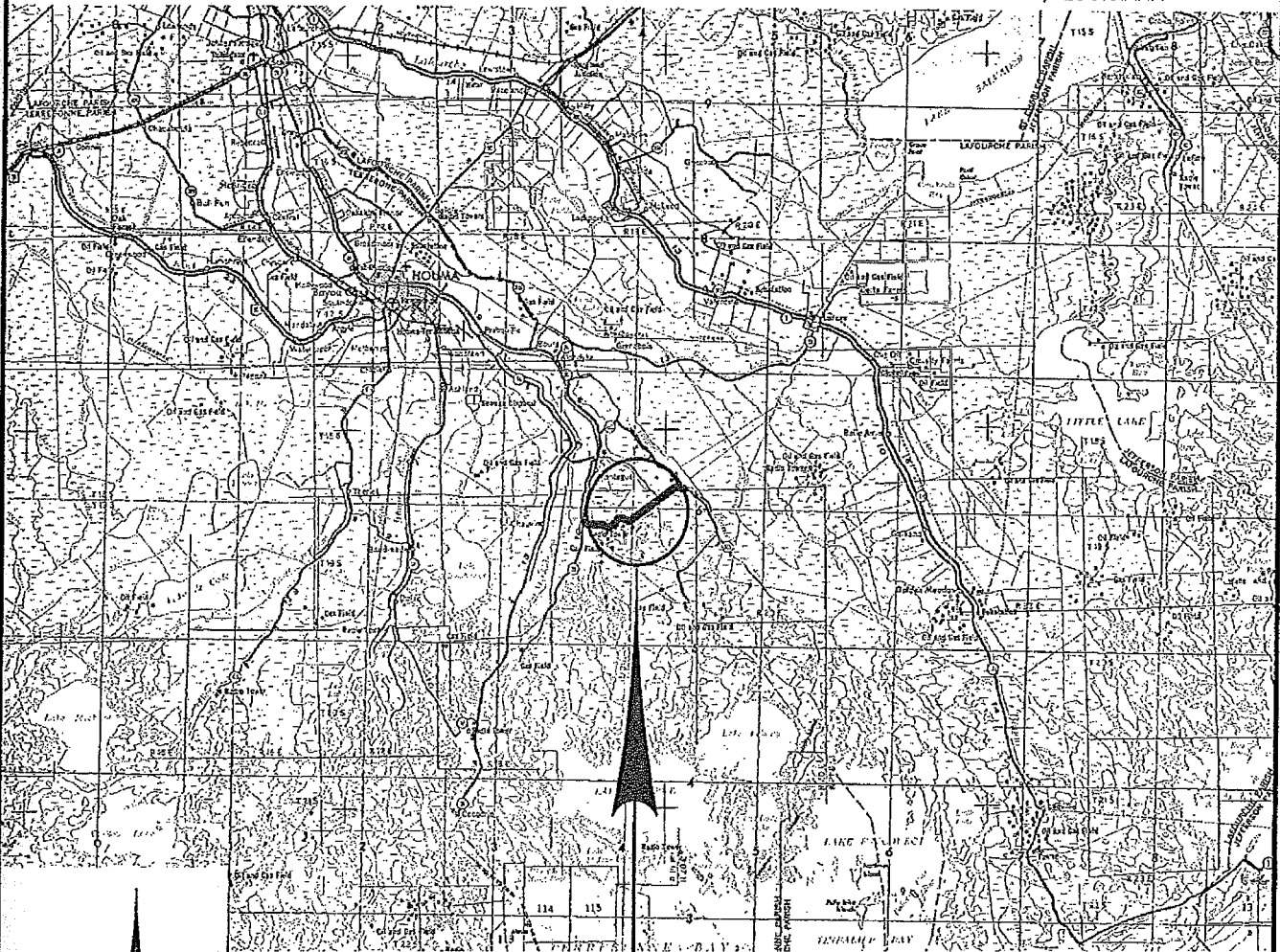


NOTE: THE PROJECT SITE IS LOCATED APPROXIMATELY 15.7 MILES SOUTHEASTERLY FROM HOUMA, LOUISIANA



## PROJECT LOCATION VICINITY MAP

GRAPHIC SCALE

0 4 8 16 24 MILES

NO.	DATE	REV. BY:	REVISION
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### TERREBONNE LEVEE & CONSERVATION DISTRICT

PROPOSED  
HURRICANE PROTECTION LEVEE  
LOCATED IN  
SECTIONS 4, 16-18 & 23-25, T19S-R19E  
TERREBONNE PARISH, LOUISIANA



SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
251 CORPORATE DRIVE • P.O. BOX 3106 • HOUMA, LOUISIANA 70361 • (504) 876-2031  
11501 SOUTHSHORE FREWAY • SUITE 400 • HOUSTON, TEXAS 77031 • (713) 741-5173

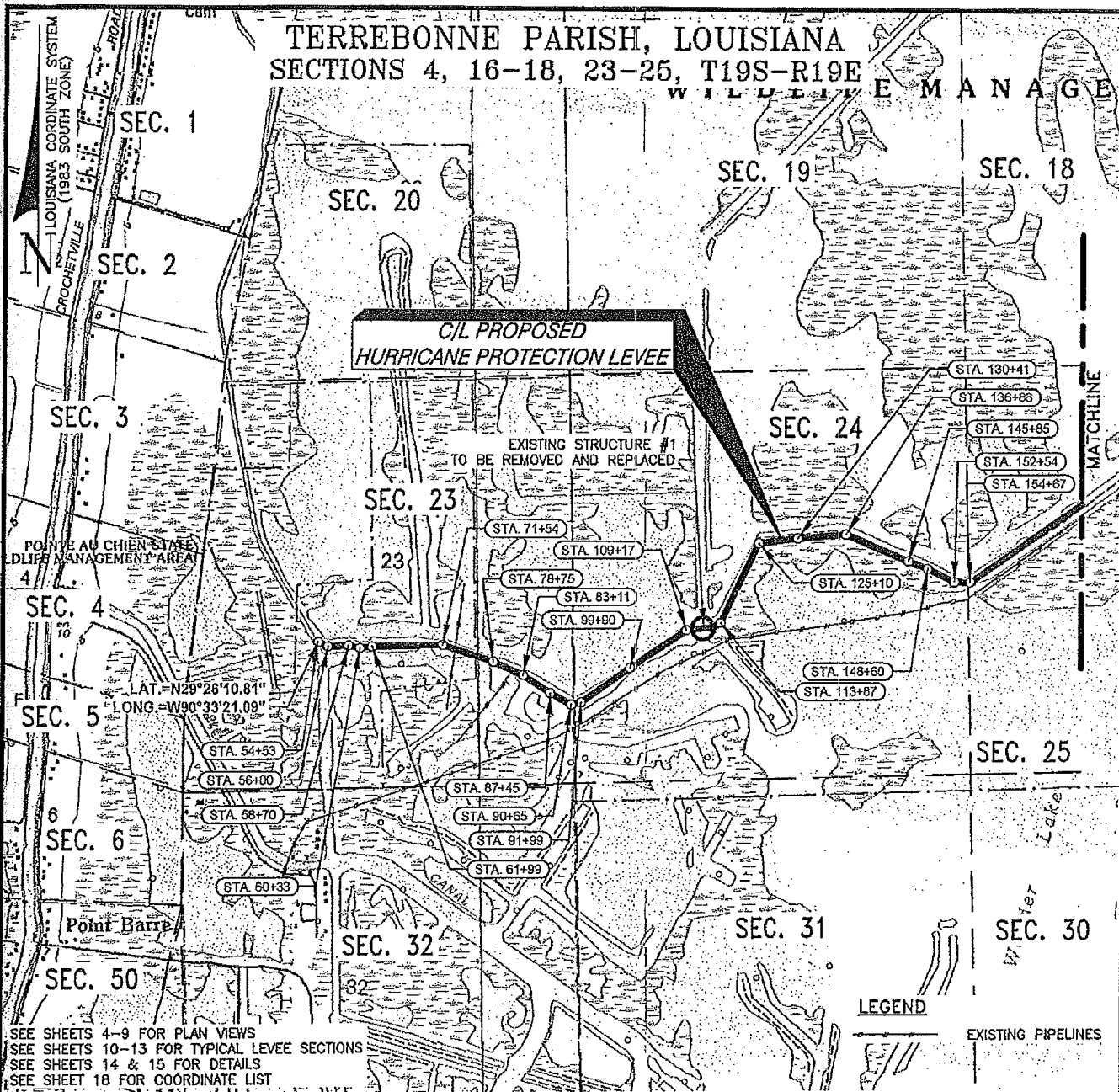


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CHKD./APPD. BY: AJG/MKC	SCALE: 1"=8 MILES
UPDATED BY:	DATE: 4/20/11
DATA BASE: 10911	JOB NO. 10911
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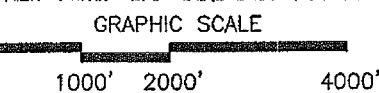
# TERREBONNE PARISH, LOUISIANA SECTIONS 4, 16-18, 23-25, T19S-R19E

WILDLIFE MANAGE



SEE SHEETS 4-9 FOR PLAN VIEWS  
SEE SHEETS 10-13 FOR TYPICAL LEVEE SECTIONS  
SEE SHEETS 14 & 15 FOR DETAILS  
SEE SHEET 18 FOR COORDINATE LIST

NO FIELD SURVEY WAS MADE FOR THIS PROJECT AND NO ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, ETC. CROSSED BY THE PROPOSED PROJECT, THEREFORE MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY LOCATED DURING THE COURSE OF THE PROJECT.



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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## TERREBONNE LEVEE & CONSERVATION DISTRICT

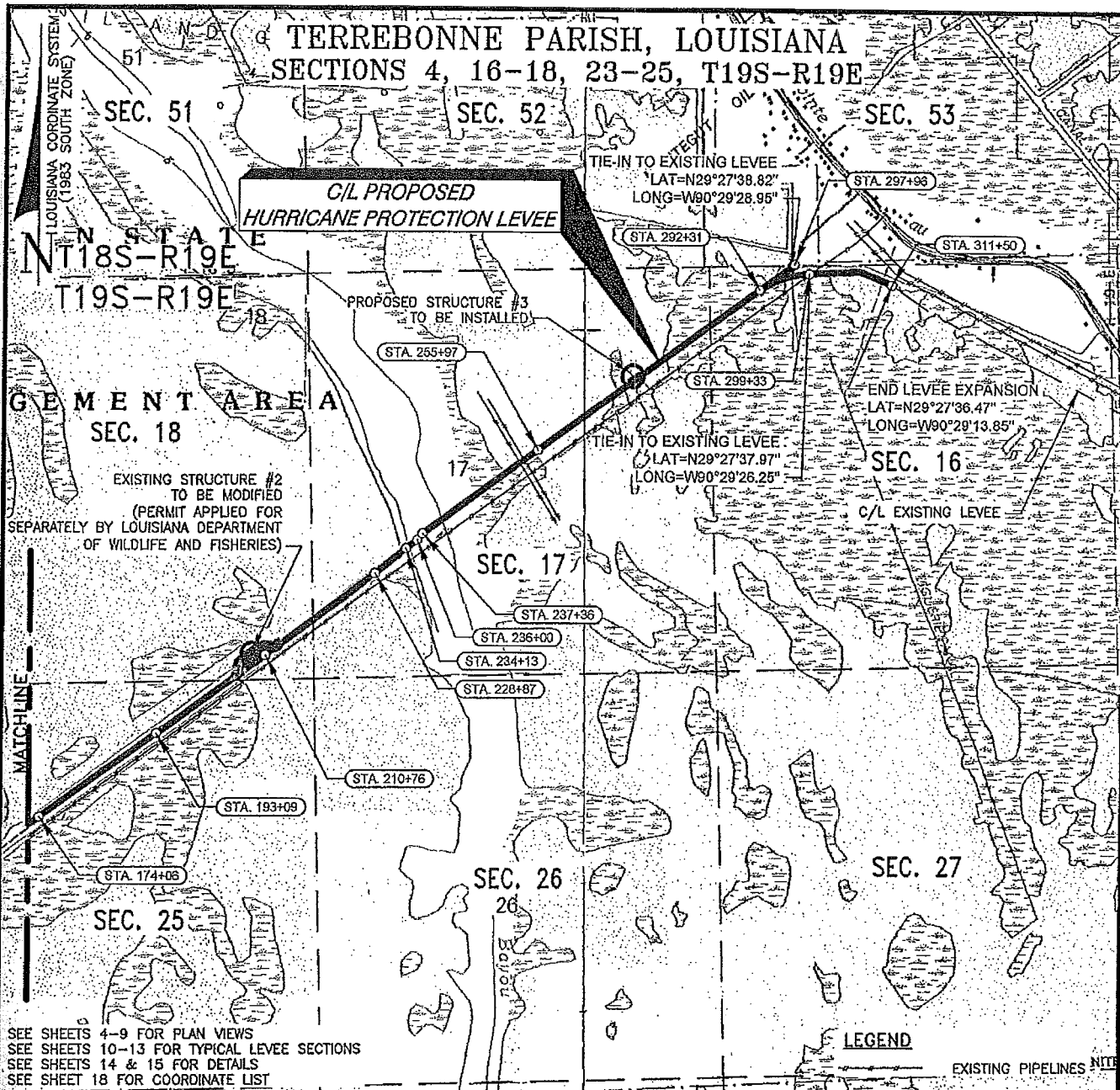
### PROJECT OVERVIEW 1



SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
221 COTTONWOOD DRIVE • P.O. BOX 2205 • MOBILE, ALABAMA 36681 • (904) 675-2331  
11115 GULFPORT BLVD • SUITE 400 • GULFPORT, MISSISSIPPI 39503 • (713) 315-4479



DRAWN BY: CJG	SHEET: 2
CHKD./APPD. BY: AJG/MKC	SCALE: 1"=2000'
UPDATED BY:	DATE: 4/20/11
DATA BASE: 10911	JOB NO. 10911
MPH CAD FILE: 10911COE0002A1.DWG	



SEE SHEETS 4-9 FOR PLAN VIEWS  
 SEE SHEETS 10-13 FOR TYPICAL LEVEE SECTIONS  
 SEE SHEETS 14 & 15 FOR DETAILS  
 SEE SHEET 18 FOR COORDINATE LIST

NO FIELD SURVEY WAS MADE FOR THIS PROJECT AND NO ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, ETC. CROSSED BY THE PROPOSED PROJECT, THEREFORE MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY LOCATED DURING THE COURSE OF THE PROJECT.

GRAPHIC SCALE

0 1000' 2000' 4000'

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

## TERREBONNE LEVEE & CONSERVATION DISTRICT

### PROJECT OVERVIEW 2



Morris P. Hebert, Inc.  
 client focused solutions

SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
 231 CORPORATE BLVD. • P.O. BOX 3188 • HOUMA, LOUISIANA 70301 • (504) 877-0731  
 12115 SOUTHPORT PLACE, SUITE 400 • HOUSTON, TEXAS 77051 • (281) 212-5372

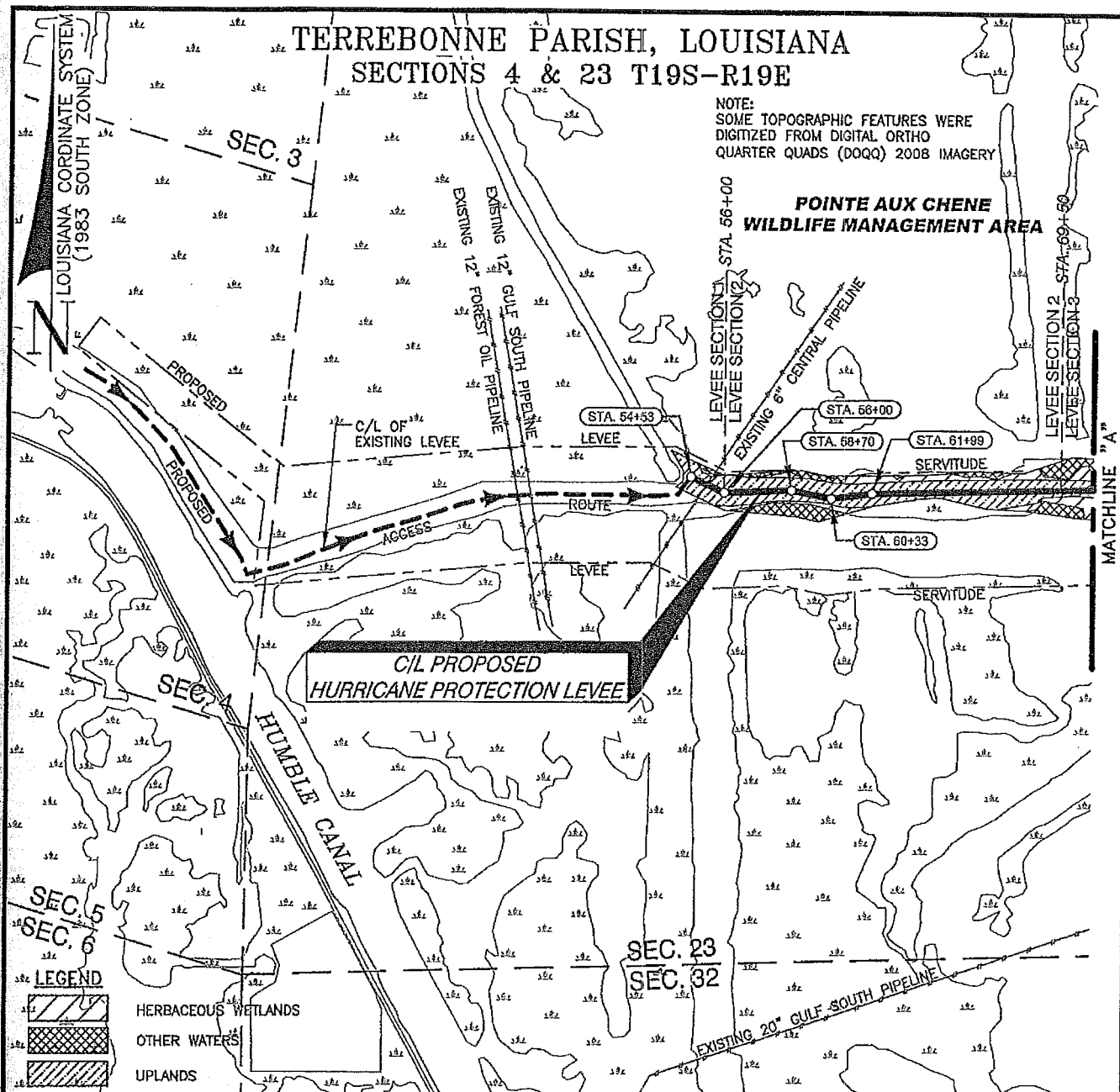


DRAWN BY: C/JG	SHEET: 3
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UPDATED BY:	DATE: 4/20/11
DATA BASE: 10911	JOB NO. 10911
MPH CAD FILE: 10911COE0003A1.DWG	

# TERREBONNE PARISH, LOUISIANA SECTIONS 4 & 23 T19S-R19E

NOTE:  
SOME TOPOGRAPHIC FEATURES WERE  
DIGITIZED FROM DIGITAL ORTHO  
QUARTER QUADS (DOQQ) 2008 IMAGERY

**POINTE AUX CHENE  
WILDLIFE MANAGEMENT AREA**



NO FIELD SURVEY WAS MADE FOR THIS PROJECT AND NO ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, ETC. CROSSED BY THE PROPOSED PROJECT, THEREFORE MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY LOCATED DURING THE COURSE OF THE PROJECT.

GRAPHIC SCALE

0 300' 600' 1200'

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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## TERREBONNE LEVEE & CONSERVATION DISTRICT

### PLAN VIEW 1



**client focused solutions**  
SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
333 CORPORATE DRIVE • P.O. BOX 3138 • HOLLYA, LOUISIANA 70351 • (504) 679-2731  
31021 SOUTHWEST FREEDWAY • SUITE 400 • HOUSTON, TEXAS 77271 • (713) 215-3479



DRAWN BY: C/JG	SHEET: 4
CHKD./APPD. BY: AJG/MKC	SCALE: 1"=600'
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DATA BASE: 10911	JOB NO. 10911
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# TERREBONNE PARISH, LOUISIANA SECTIONS 23 & 24 T19S-R19E

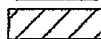

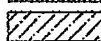
POINTE AUX CHENE  
WILDLIFE MANAGEMENT AREA

C/L PROPOSED  
HURRICANE PROTECTION LEVEE

PROPOSED STRUCTURE # 1  
(EXISTING STRUCTURE  
TO BE REMOVED AND REPLACED)  
(SEE SHEET 14 FOR DETAIL)

PROPOSED RIP-RAP TO  
BE INSTALLED.  
SEE SHEET 13 FOR  
CROSS SECTION "C-C"

## LEGEND

-  HERBACEOUS WETLANDS
-  OTHER WATERS
-  UPLANDS

NO FIELD SURVEY WAS MADE FOR THIS PROJECT AND NO ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, ETC. CROSSED BY THE PROPOSED PROJECT, THEREFORE MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY LOCATED DURING THE COURSE OF THE PROJECT.

GRAPHIC SCALE



NOTE: SOME TOPOGRAPHIC FEATURES WERE DIGITIZED FROM DIGITAL ORTHO QUARTER QUADS (DOQ)/2008 IMAGERY

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

## TERREBONNE LEVEE & CONSERVATION DISTRICT

### PLAN VIEW 2



SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
283 CORPORATE DRIVE • P.O. BOX 3106 • HOUMA, LOUISIANA 70331 • (504) 835-3733  
15111 SOUTHVIEW DRIVE • SUITE 400 • HOUSTON, TEXAS 77056 • (281) 333-3475

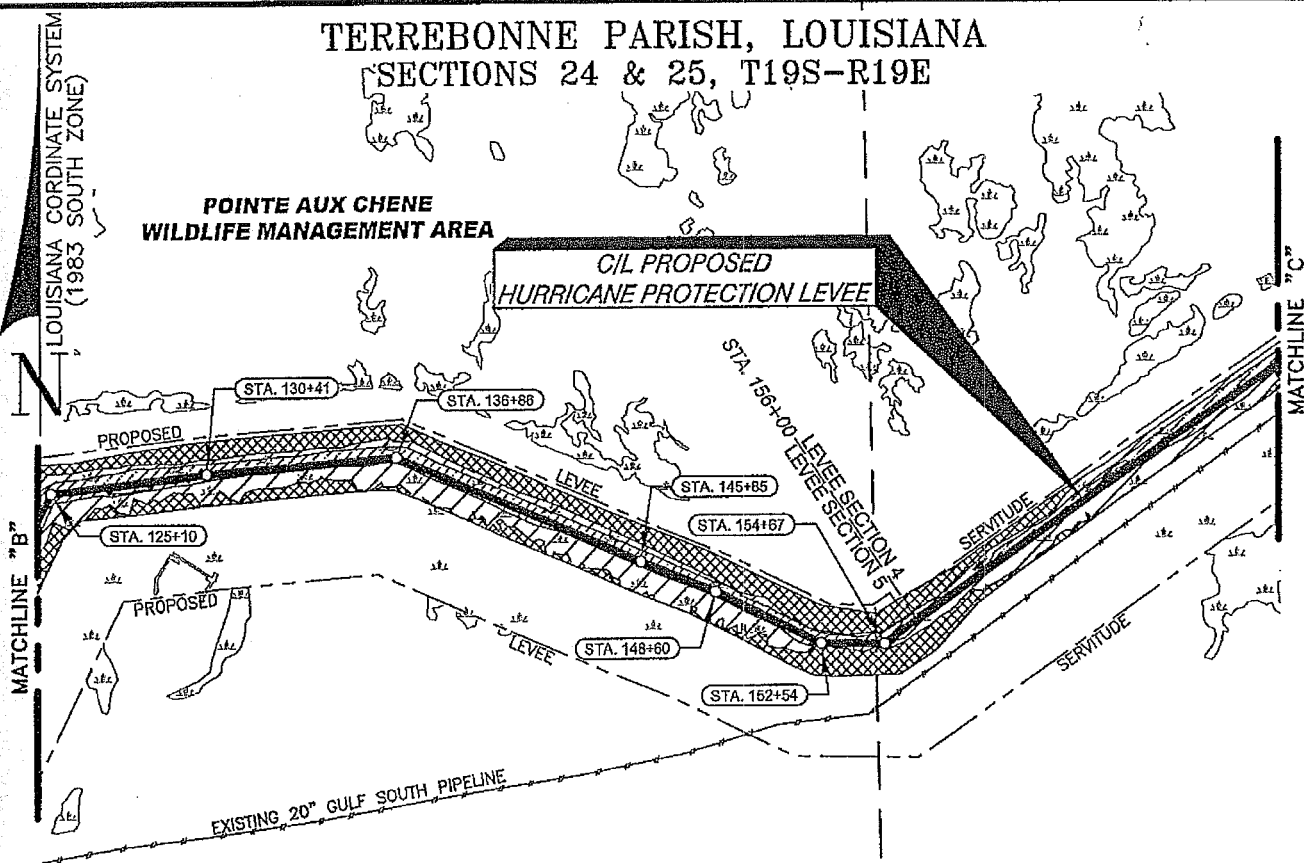


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UPDATED BY:	DATE: 4/20/11
DATA BASE: 10911	JOB NO. 10911
MPH CAD FILE: 10911COE0005A1.DWG	

# TERREBONNE PARISH, LOUISIANA SECTIONS 24 & 25, T19S-R19E

POINTE AUX CHENE  
WILDLIFE MANAGEMENT AREA

C/L PROPOSED  
HURRICANE PROTECTION LEVEE



WONDER LAKE

SEC. 24  
SEC. 25

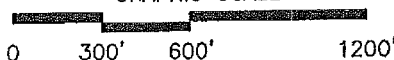


HERBACEOUS WETLANDS  
OTHER WATERS  
UPLANDS

NOTE:  
SOME TOPOGRAPHIC FEATURES WERE  
DIGITIZED FROM DIGITAL ORTHO  
QUARTER QUADS (DOQQ) 2008 IMAGERY

NO FIELD SURVEY WAS MADE FOR THIS PROJECT AND NO  
ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND  
INDICATE ALL CABLES, PIPELINES, ETC. CROSSED BY THE PROPOSED  
PROJECT, THEREFORE MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE  
FOR ANY LOCATED DURING THE COURSE OF THE PROJECT.

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
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TERREBONNE LEVEE & CONSERVATION DISTRICT

PLAN VIEW 3

**mph**  
Morris P. Hebert, Inc.  
client focused solutions  
SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
253 CORPORATE DRIVE • P.O. BOX 3128 • HOUMA, LOUISIANA 70301 • (504) 877-2311  
22101 SOUTHWEST FREEDAY • SUITE 200 • HOUSTON, TEXAS 77055 • (281) 239-1470



DRAWN BY: CJG	SHEET: 6
CHKD./APPD. BY: AJG/MKC	SCALE: 1"=600'
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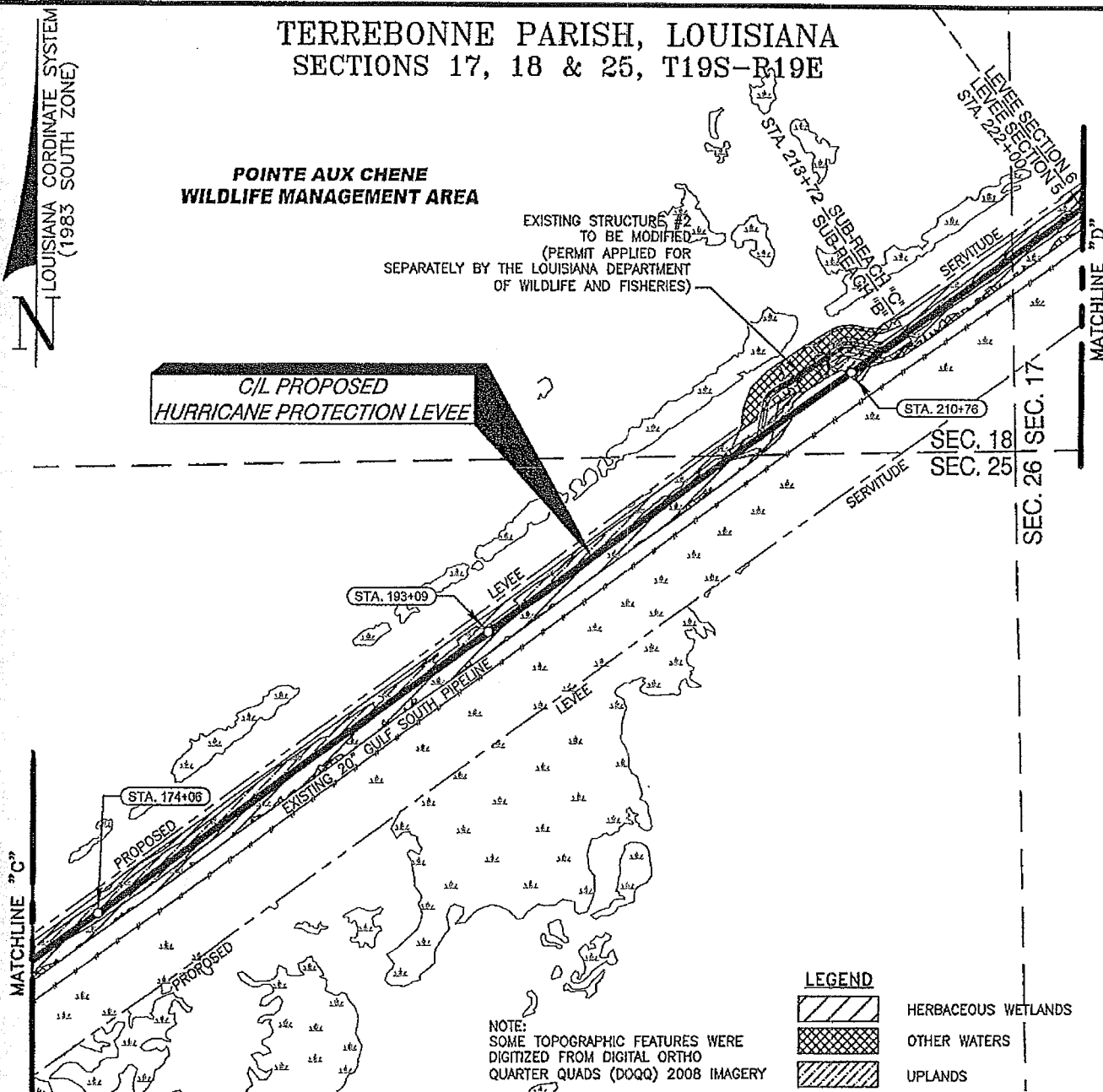
LOUISIANA COORDINATE SYSTEM  
(1983 SOUTH ZONE)

# TERREBONNE PARISH, LOUISIANA SECTIONS 17, 18 & 25, T19S-R19E

## POINTE AUX CHENE WILDLIFE MANAGEMENT AREA

EXISTING STRUCTURE #2  
TO BE MODIFIED  
(PERMIT APPLIED FOR  
SEPARATELY BY THE LOUISIANA DEPARTMENT  
OF WILDLIFE AND FISHERIES)

C/L PROPOSED  
HURRICANE PROTECTION LEVEE



NOTE:  
SOME TOPOGRAPHIC FEATURES WERE  
DIGITIZED FROM DIGITAL ORTHO  
QUARTER QUADS (DOQQ) 2008 IMAGERY

GRAPHIC SCALE

300' 600' 1200'

### LEGEND

- HERBACEOUS WETLANDS
- OTHER WATERS
- UPLANDS

NO FIELD SURVEY WAS MADE FOR THIS PROJECT AND NO  
ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND  
INDICATE ALL CABLES, PIPELINES, ETC. CROSSED BY THE PROPOSED  
PROJECT, THEREFORE MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE  
FOR ANY LOCATED DURING THE COURSE OF THE PROJECT.

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

## TERREBONNE LEVEE & CONSERVATION DISTRICT

### PLAN VIEW 4



SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
343 CORPORATE DRIVE • P.O. BOX 3152 • NOLAN, LOUISIANA 70551 • (504) 877-2731  
15151 SOUTHWEST FREEWAY • SUITE 100 • HOUSTON, TEXAS 77057 • (713) 243-1470

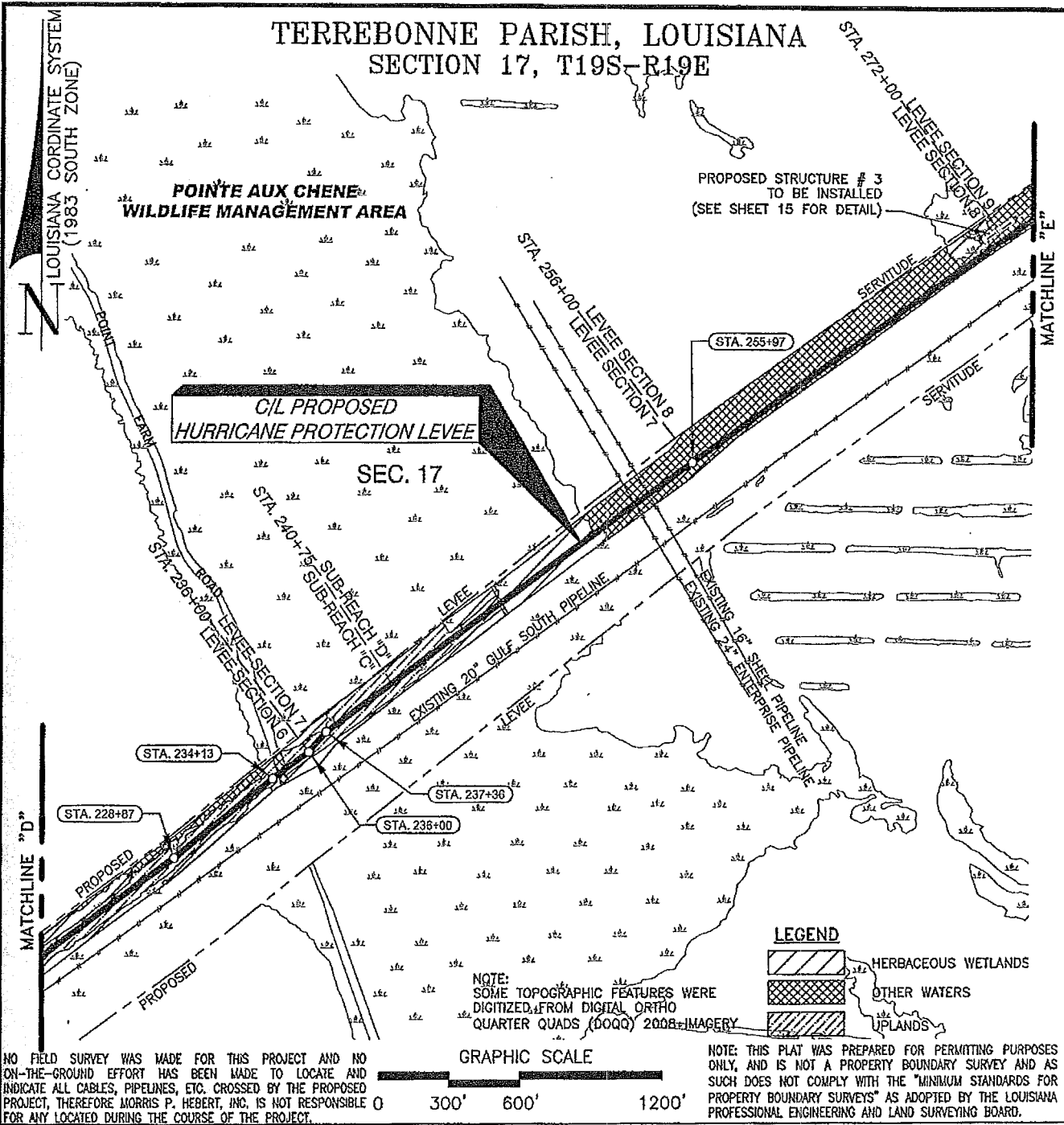


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# TERREBONNE PARISH, LOUISIANA SECTION 17, T19S-R19E



NO FIELD SURVEY WAS MADE FOR THIS PROJECT AND NO ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, ETC. CROSSED BY THE PROPOSED PROJECT, THEREFORE MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY LOCATED DURING THE COURSE OF THE PROJECT.

NO. DATE REV. BY:

REVISION

## TERREBONNE LEVEE & CONSERVATION DISTRICT

### PLAN VIEW 5



Morris P. Hebert, Inc.

client focused solutions

SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS

2815 CORPORATE DRIVE • P.O. BOX 3124 • HOUMA, LOUISIANA 70331 • (985) 879-3731

12615 SOUTH BAY BLVD. • SUITE 400 • HOUSTON, TEXAS 77071 • (713) 212-1179



DRAWN BY: CJG

SHEET: 8

CHKD./APPD. BY: AJG/MKC

SCALE: 1"=600'

UPDATED BY:

DATE: 4/20/11

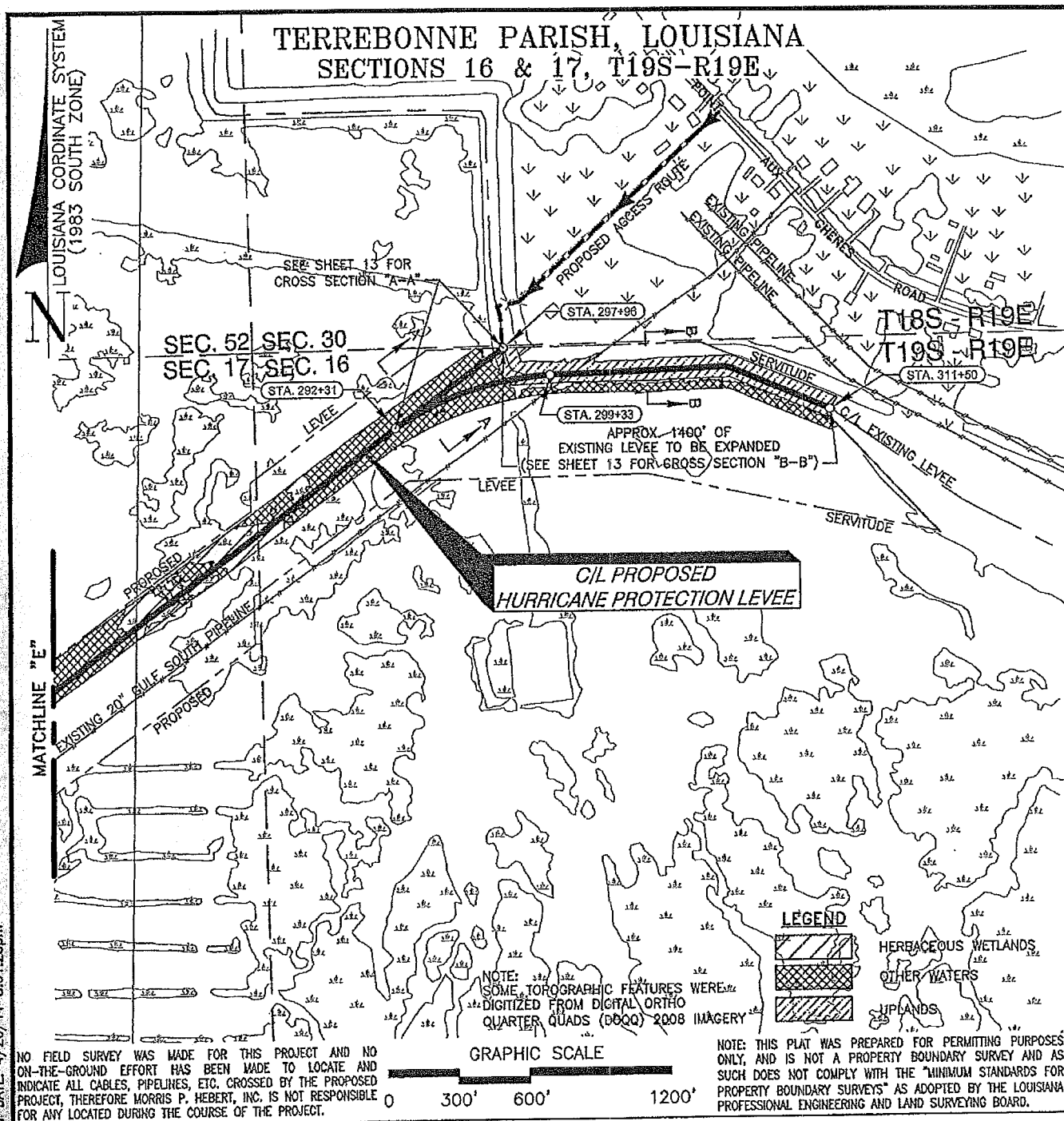
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JOB NO. 10911

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NO.	DATE	REV. BY:	REVISION

## TERREBONNE LEVEE & CONSERVATION DISTRICT

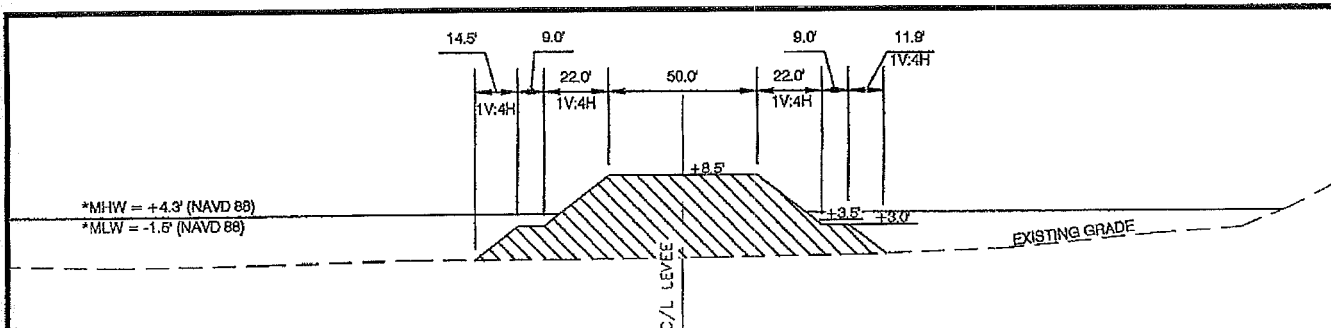
### PLAN VIEW 6

**mph**  
Morris P. Hebert, Inc.  
client focused solutions  
SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
225 CORPORATE DRIVE • P.O. BOX 3158 • HOLMA, LOUISIANA 70331 • (504) 879-2731  
1101 SOUTHWEST FREIGHT • SUITE 100 • HOUSTON, TEXAS 77057 • (713) 245-1470

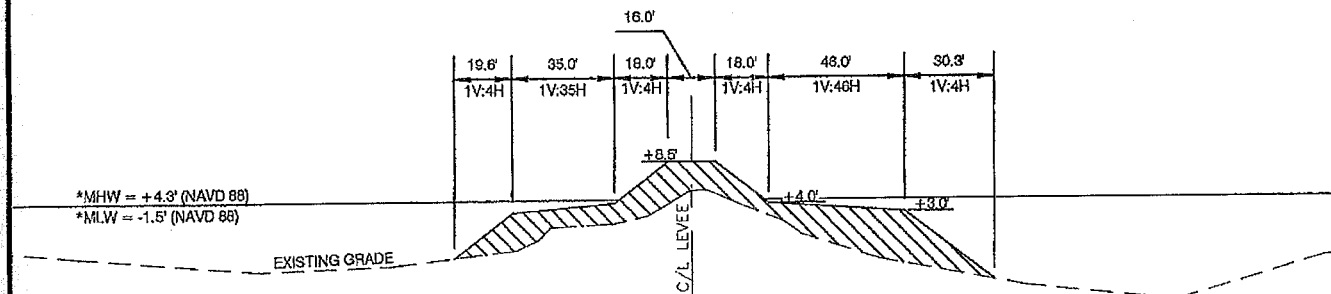


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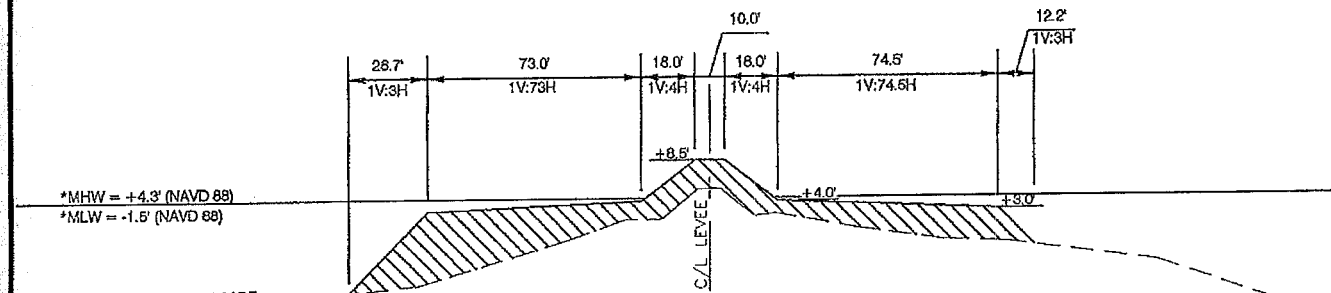
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**TYPICAL LEVEE SECTION 1**  
STA. 54+53.00 TO STA. 56+00.00



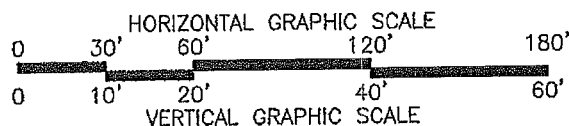
**TYPICAL LEVEE SECTION 2**  
STA. 56+00.00 TO STA. 69+50.00



**TYPICAL LEVEE SECTION 3**  
STA. 69+50.00 TO STA. 111+50.00



FILL AREA



\*BASED ON GOLDEN MEADOW FLOOD GATE (NORTH), GAGE #82250, 2000-2011 8 AM READINGS +4.5' NGVD 29 (+4.3' NAVD 88), -1.3' NGVD 29 (-1.5' NAVD 88)

NO.	DATE	REV. BY:	REVISION
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## TERREBONNE LEVEE & CONSERVATION DISTRICT

### TYPICAL LEVEE SECTIONS 1, 2 & 3

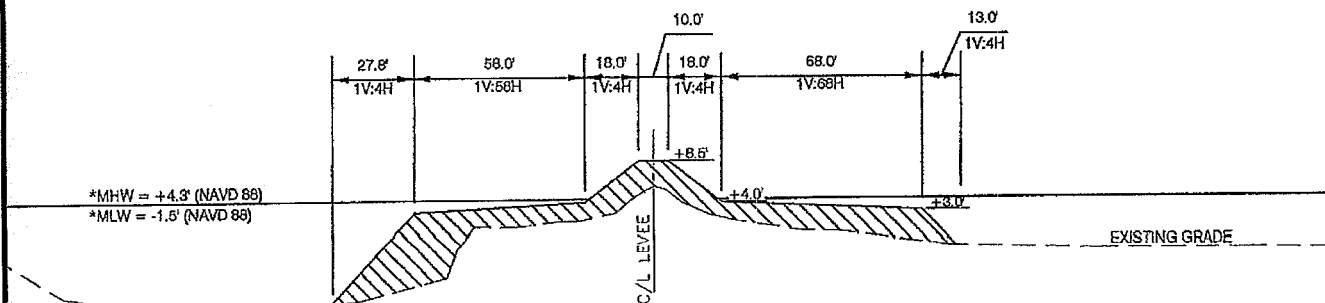


**SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS**  
311 CORPORATE DRIVE • P.O. BOX 5705 • HOUMA, LOUISIANA 70306 • (504) 879-2331  
12215 SOUTHVIEW DRIVE • SUITE 100 • NEW ORLEANS, LOUISIANA 70127 • (504) 312-3473

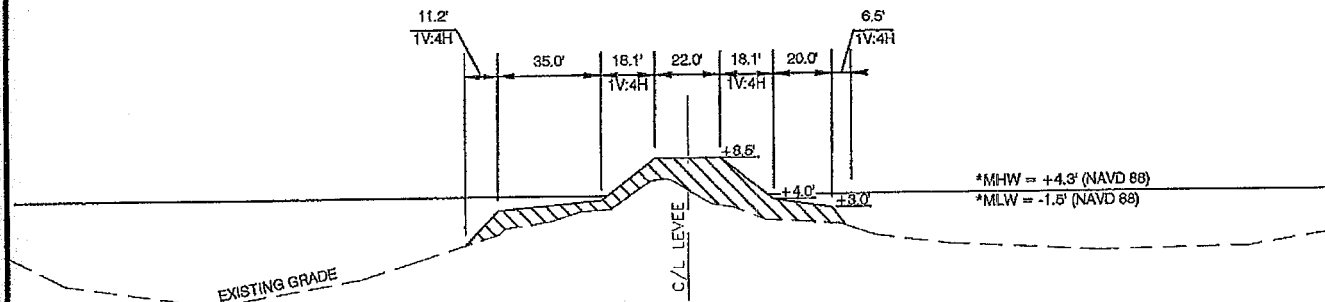


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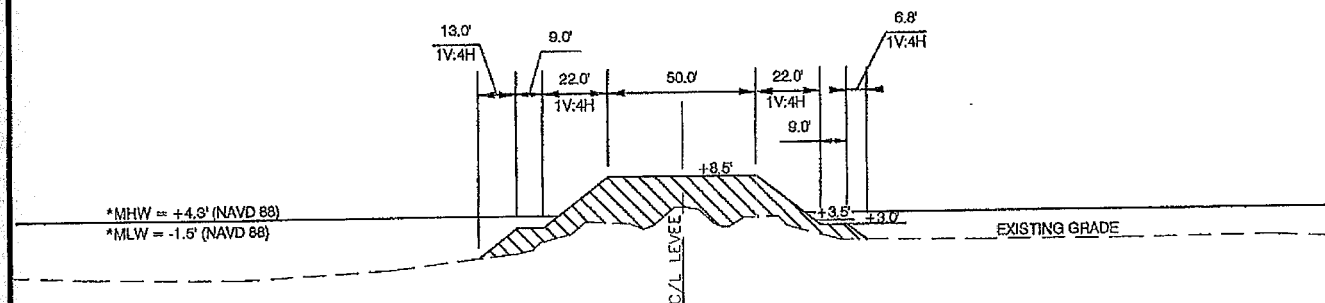
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**TYPICAL LEVEE SECTION 4**  
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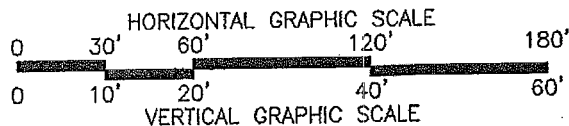
**TYPICAL LEVEE SECTION 5**  
STA. 156+00.00 TO STA. 222+00.00



**TYPICAL LEVEE SECTION 6**  
STA. 222+00.00 TO STA. 236+00.00



FILL AREA



\*BASED ON GOLDEN MEADOW FLOOD GATE  
(NORTH), GAGE #82250, 2000-2011 8 AM  
READINGS +4.5' NGVD 29 (+4.3' NAVD 88),  
-1.3' NGVD 29 (-1.5' NAVD 88)

NO.	DATE	REV. BY:	REVISION
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## TERREBONNE LEVEE & CONSERVATION DISTRICT

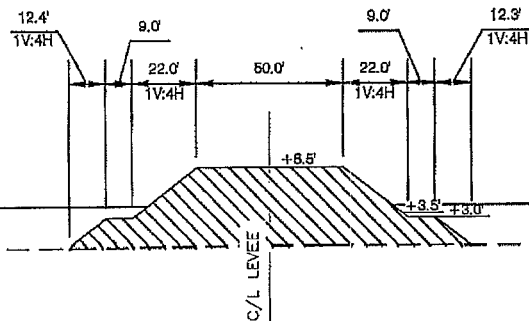
### TYPICAL LEVEE SECTIONS 4, 5 & 6

**mph**  
McKenzie & Hixson, Inc.  
client focused solutions  
SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
213 CORPORATE DRIVE • P.O. BOX 3504 • HOUMA, LOUISIANA 70301 • (504) 879-2731  
13001 SOUTHWEST FREEDAY • SUITE 450 • HOUSTON, TEXAS 77058 • (713) 212-1072



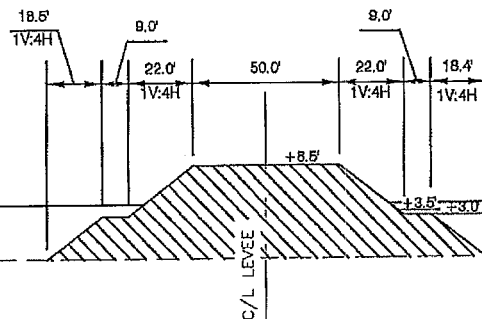
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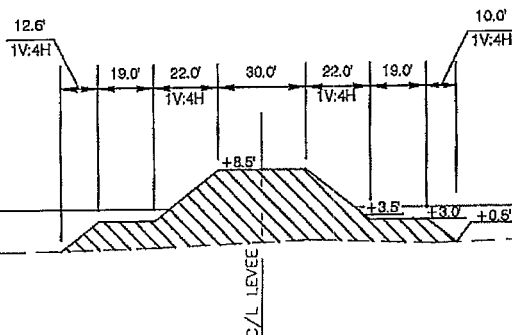
\*MHW = +4.3' (NAVD 88)  
\*MLW = -1.5' (NAVD 88)

**TYPICAL LEVEE SECTION 7**  
STA. 236+00.00 TO STA. 256+00.00



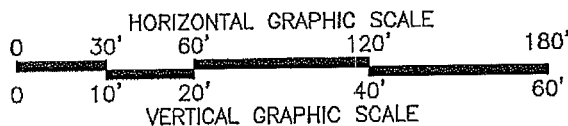
\*MHW = +4.3' (NAVD 88)  
\*MLW = -1.5' (NAVD 88)

**TYPICAL LEVEE SECTION 8**  
STA. 256+00.00 TO STA. 272+00.00



\*MHW = +4.3' (NAVD 88)  
\*MLW = -1.5' (NAVD 88)

**TYPICAL LEVEE SECTION 9**  
STA. 272+00.00 TO STA. 292+31



**LEGEND**



FILL AREA

\*BASED ON GOLDEN MEADOW FLOOD GATE  
(NORTH), GAGE #82250, 2000-2011 8 AM  
READINGS +4.5' NGVD 29 (+4.3' NAVD 88),  
-1.3' NGVD 29 (-1.5' NAVD 88)

NO.	DATE	REV. BY:	REVISION

**TERREBONNE LEVEE & CONSERVATION DISTRICT**

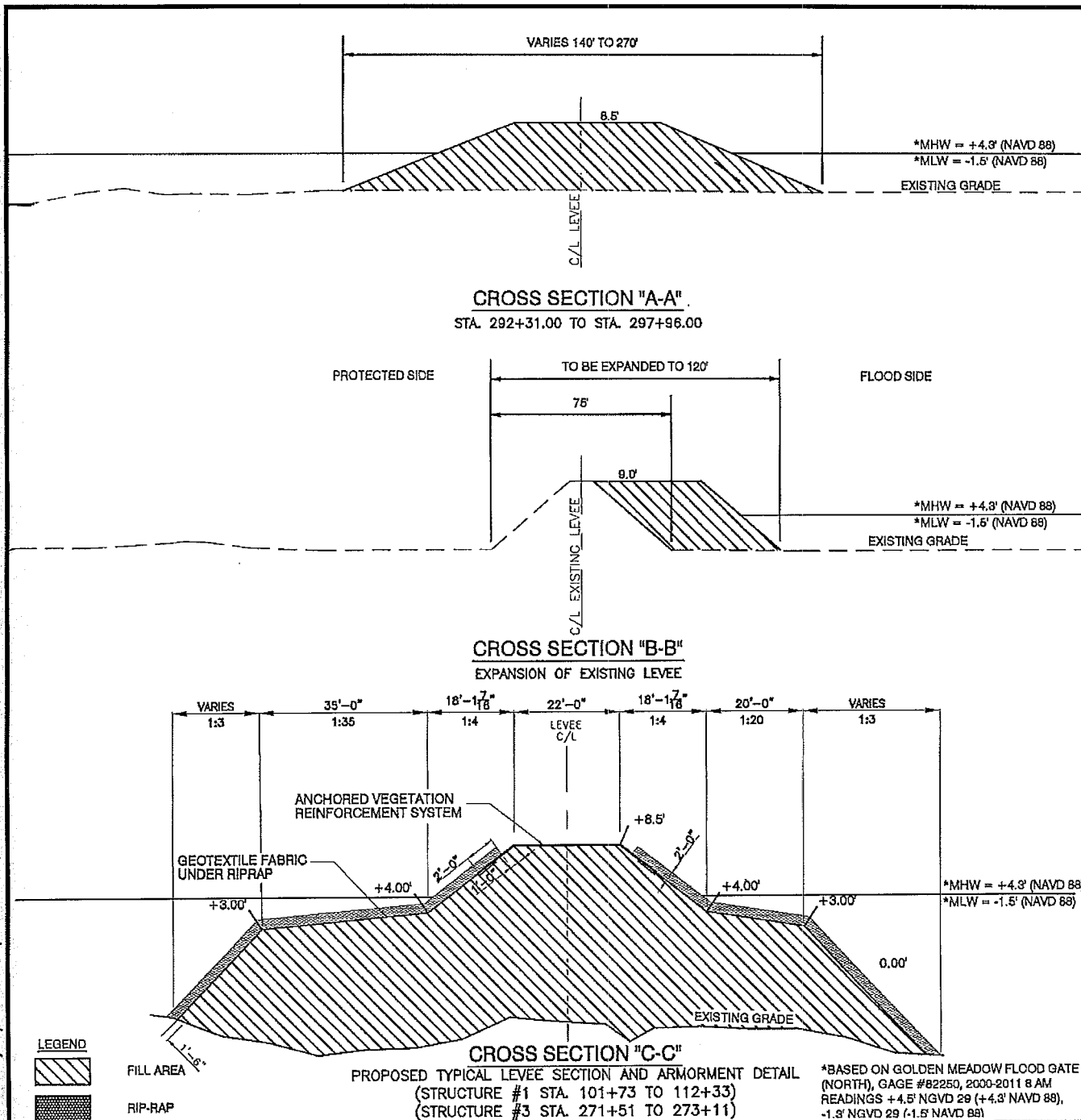
**TYPICAL LEVEE SECTIONS 7, 8 & 9**

**mph**  
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233 CORPORATE DRIVE • P.O. BOX 3106 • HOUMA, LOUISIANA 70361 • (504) 877-2731  
10101 SOUTHWEST FREEWAY • SUITE 400 • HOUSTON, TEXAS 77036 • (713) 215-5475

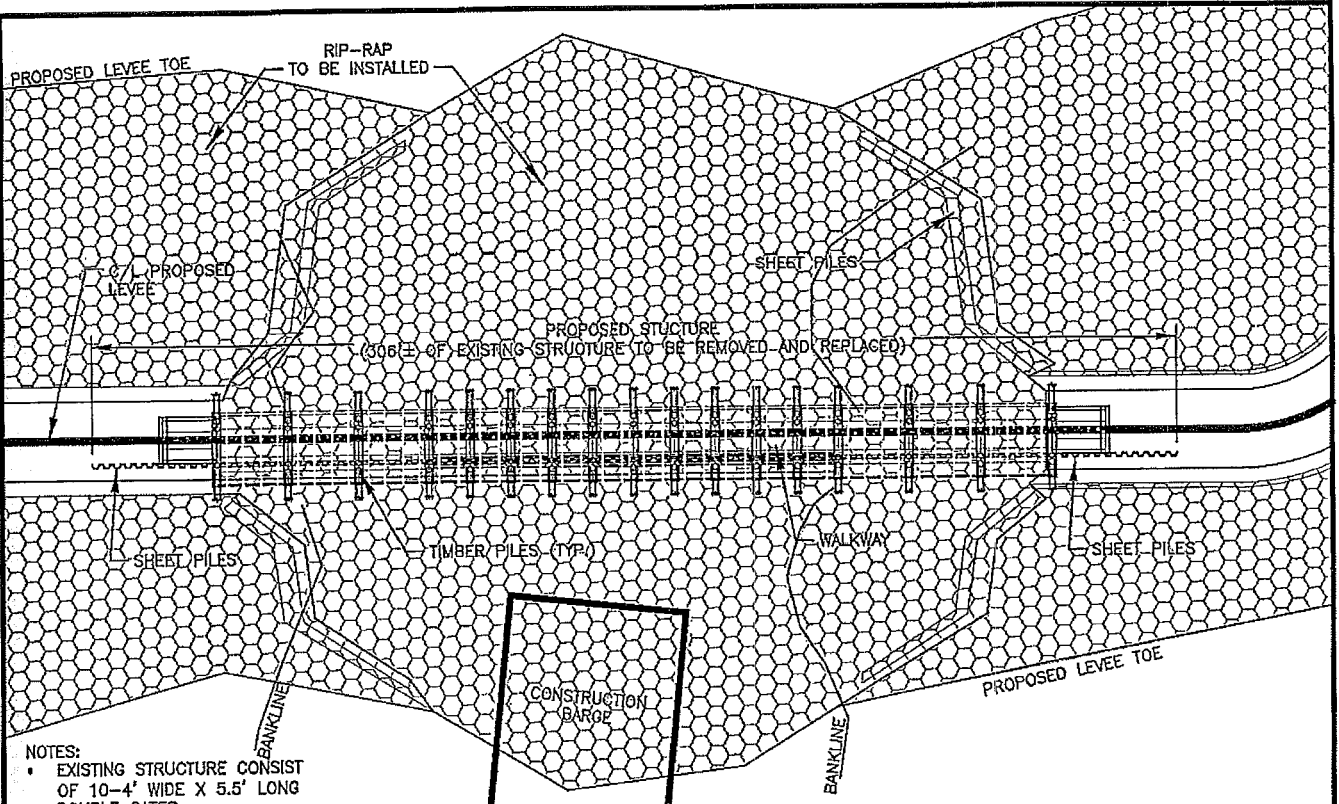


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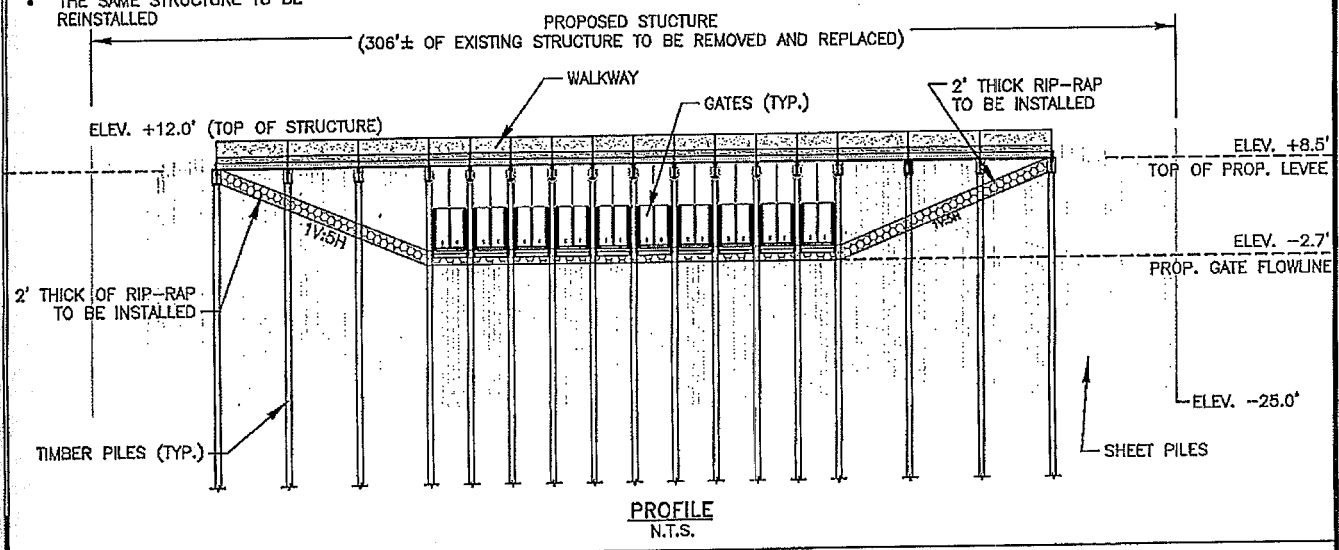


NO.	DATE	REV. BY:	REVISION
<h2 style="margin: 0;">TERREBONNE LEVEE &amp; CONSERVATION DISTRICT</h2> <h3 style="margin: 0;">CROSS SECTIONS A-A, B-B &amp; C-C</h3>			
<p><b>MPH</b> Morris R. Hobert, Inc. client focused solutions</p> <p><small>SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS 203 CORPORATE DRIVE • P.O. BOX 3166 • HOUMA, LOUISIANA 70361 • (888) 877-3711 15181 SOUTHWEST PLEASANT • SUITE 400 • HOUSTON, TEXAS 77071 • (713) 213-1470</small></p>			
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UPDATED BY:		DATE: 4/20/11	
DATA BASE: 10911		JOB NO. 10911	
MPH CAD FILE: 10911COE0013A2.DWG			



- NOTES:
- EXISTING STRUCTURE CONSIST OF 10-4' WIDE X 5.5' LONG DOUBLE GATES.
  - THE SAME STRUCTURE TO BE REINSTALLED

PLAN  
N.T.S.



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## TERREBONNE LEVEE & CONSERVATION DISTRICT

### DETAIL - STRUCTURE #1

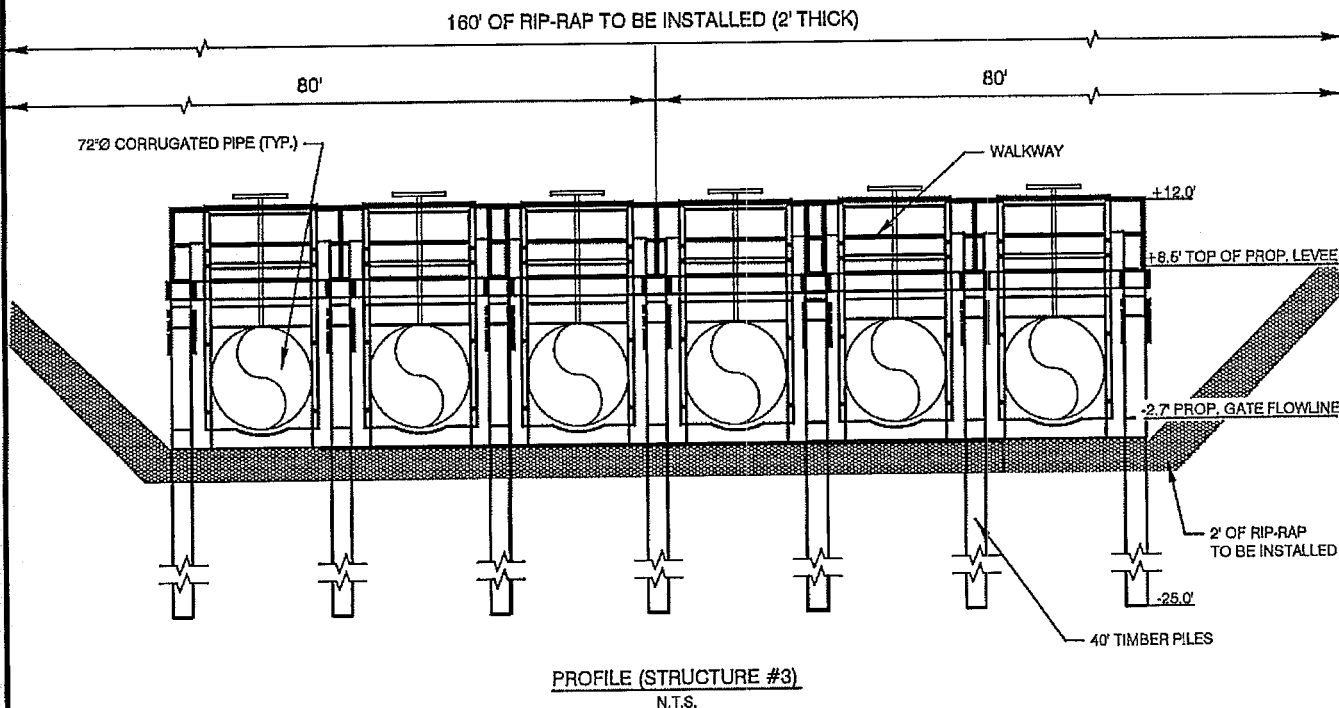
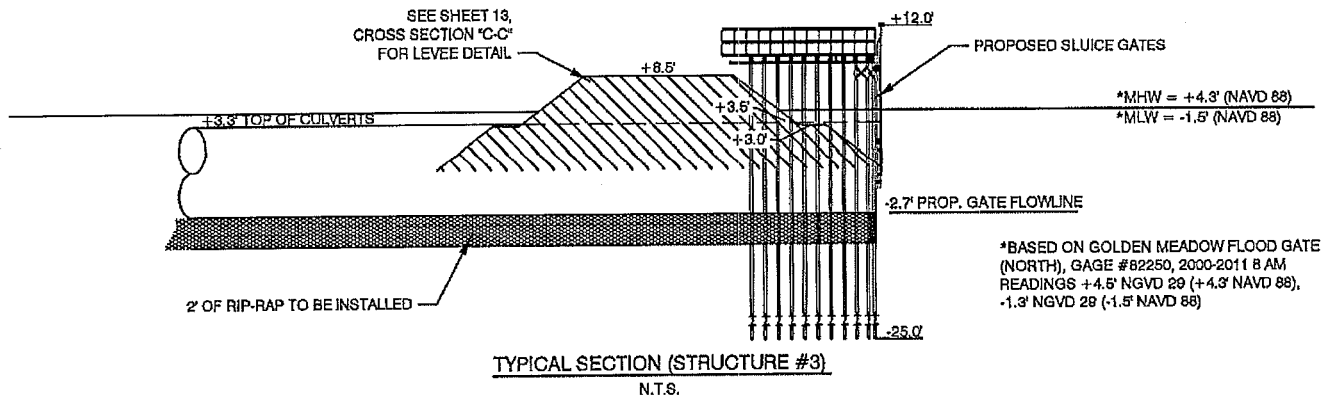
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283 CEDARHURST DRIVE • P.O. BOX 3105 • HOUMA, LOUISIANA 70361 • (815) 879-2731  
15101 SOUTH-WEST FREEWAY • SUITE 450 • HOUSTON, TEXAS 77051 • (713) 313-9495



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NOTE:  
PROPOSED STRUCTURE #3 CONSTRUCTION  
WILL BE WITHIN THE PROPOSED LEVEE FOOTPRINT

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## TERREBONNE LEVEE & CONSERVATION DISTRICT

### PROPOSED SLUICE GATE DETAIL (STRUCTURE #3)

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353 CORPORATE DRIVE • P.O. BOX 3155 • HOUMA, LOUISIANA 70341 • (985) 875-2731  
15101 SOUTHVIEW FREWAY • SUITE 405 • HOUSTON, TEXAS 77074 • (713) 315-5073



DRAWN BY: C/JG	SHEET: 15
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UPDATED BY:	DATE: 4/20/11
DATA BASE: 10911	JOB NO. 10911
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### **CZM NOTES**

1. ALL STRUCTURES, FACILITIES, WELL, AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS OR IN OILFIELD CANALS OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE COASTAL MANAGEMENT DIVISION. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED, FOR SUCH REMOVAL ACTIVITIES.
2. AS-BUILT DRAWINGS SHALL BE SUBMITTED WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, COASTAL MANAGEMENT DIVISION, P.O. BOX 44487, BATON ROUGE, LA. 70804-4487.
3. STRUCTURES WILL BE MARKED/LIGHTED IN ACCORDANCE WITH U.S. COAST GUARD REGULATIONS.
4. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT THE LOUISIANA ONE-CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.

### **ENVIRONMENTAL IMPACTS**

1. APPROXIMATELY 29.4 ACRES OF HERBACEOUS WETLANDS TO BE IMPACTED BY PROPOSED PROJECT.
2. APPROXIMATELY 39.1 ACRES OF OTHER WATERS TO BE IMPACTED BY PROPOSED PROJECT.
3. APPROXIMATELY 28.7 ACRES OF UPLANDS TO BE IMPACTED BY PROPOSED PROJECT


### **CONSTRUCTION NOTES:**

1. ALL CONSTRUCTION ACTIVITIES WILL TAKE PLACE AND ALL CONSTRUCTION EQUIPMENT WILL REMAIN WITHIN THE PROPOSED LEVEE FOOTPRINT
2. BARGE EQUIPMENT 6' DRAFT MAX.

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## **TERREBONNE LEVEE & CONSERVATION DISTRICT**

### **NOTES**

  
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SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS  
111 CORPORATE DRIVE • P.O. BOX 236 • HOUMA, LOUISIANA 70301 • (504) 875-2731  
1101 SOUTHVIEW FREEDAY • SUITE 400 • HOUSTON, TEXAS 77051 • (713) 212-5473




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EXCAVATIONS:		
CLASSIFICATION	% AFFECTED	ACREAGE
HERBACEOUS WETLANDS	N/A	N/A
OTHER WATERS	N/A	N/A
UPLANDS	N/A	N/A
FILL AREAS:		
CLASSIFICATION	% AFFECTED	ACREAGE
HERBACEOUS WETLANDS	30.3	29.4
OTHER WATERS	40.3	39.1
UPLANDS	29.4	28.7
FILL MATERIALS:		
CLASSIFICATION	CUBIC YARDS	
CONCRETE:	N/A	
CRUSHED STONE OR GRAVEL:	N/A	
NATIVE MATERIAL (CLAY, MUD, SOIL):	N/A	
ROCK (RIP/RAP):	2774	
SAND:	N/A	
TOPSOIL/DIRT:	N/A	
OTHER: HAULED-IN MATERIAL	529,139	

NOTE:  
AN APPROXIMATE TOTAL OF 529,139 CU YDS OF  
FILL AND 2774 CU YDS OF RIP-RAP WILL BE  
NEEDED FOR PROPOSED PROJECT.

NO.	DATE	REV. BY:	REVISION	
<b>TERREBONNE LEVEE &amp; CONSERVATION DISTRICT</b>				
<b>EXCAVATION/FILL CHART</b>				
 <small>Monte A. Hobart, Inc. client focused solutions</small> <small>SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • FIELD SERVICES • GIS</small> <small>253 CORPORATE DRIVE • P.O. BOX 3106 • HOUMA, LOUISIANA 70361 • (504) 873-3231</small> <small>15181 SOUTHWEST FLYWAY • SUITE 450 • HOUSTON, TEXAS 77056 • (713) 215-5451</small>			DRAWN BY: CUG	SHEET: 17
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Station	Northing	Easting	Latitude	Longitude	Description
STA. 54+53	341354.85	3528406.18	N29°26'10.81"	W90°33'20.09"	BEGIN C/L OF PROPOSED LEVEE
STA. 56+00	341292.98	3528540.33	N29°26'10.18"	W90°33'18.58"	P.I. C/L OF PROPOSED LEVEE
STA. 58+70	341303.21	3528810.60	N29°26'10.27"	W90°33'15.52"	P.I. C/L OF PROPOSED LEVEE
STA. 60+33	341271.04	3528970.14	N29°26'09.94"	W90°33'13.72"	P.I. C/L OF PROPOSED LEVEE
STA. 61+99	341290.95	3529134.57	N29°26'10.12"	W90°33'11.86"	P.I. C/L OF PROPOSED LEVEE
STA. 71+54	341310.40	3530089.39	N29°26'10.25"	W90°33'01.06"	P.I. C/L OF PROPOSED LEVEE
STA. 78+75	341091.54	3530776.85	N29°26'08.04"	W90°32'53.30"	P.I. C/L OF PROPOSED LEVEE
STA. 83+11	340916.71	3531175.93	N29°26'06.28"	W90°32'48.80"	P.I. C/L OF PROPOSED LEVEE
STA. 87+45	340680.73	3531540.25	N29°26'03.92"	W90°32'44.70"	P.I. C/L OF PROPOSED LEVEE
STA. 90+65	340530.74	3531823.25	N29°26'02.42"	W90°32'41.51"	P.I. C/L OF PROPOSED LEVEE
STA. 91+99	340559.15	3531953.72	N29°26'02.69"	W90°32'40.03"	P.I. C/L OF PROPOSED LEVEE
STA. 99+90	341008.68	3532604.97	N29°26'07.09"	W90°32'32.63"	P.I. C/L OF PROPOSED LEVEE
STA. 106+68	341496.25	3533360.20	N29°26'11.87"	W90°32'24.05"	P.I. C/L OF PROPOSED LEVEE
STA. 112+54	341591.03	3533810.99	N29°26'12.78"	W90°32'18.95"	P.I. C/L OF PROPOSED LEVEE
STA. 125+10	342622.93	3534320.84	N29°26'22.96"	W90°32'13.10"	P.I. C/L OF PROPOSED LEVEE
STA. 130+41	342683.59	3534847.71	N29°26'23.52"	W90°32'07.14"	P.I. C/L OF PROPOSED LEVEE
STA. 136+86	342732.42	3535491.26	N29°26'23.96"	W90°31'59.86"	P.I. C/L OF PROPOSED LEVEE
STA. 145+85	342386.24	3536321.39	N29°26'20.48"	W90°31'50.50"	P.I. C/L OF PROPOSED LEVEE
STA. 148+60	342287.44	3536577.32	N29°26'19.48"	W90°31'47.61"	P.I. C/L OF PROPOSED LEVEE
STA. 152+54	342117.30	3536933.13	N29°26'17.77"	W90°31'43.60"	P.I. C/L OF PROPOSED LEVEE
STA. 154+67	342113.70	3537145.88	N29°26'17.72"	W90°31'41.19"	P.I. C/L OF PROPOSED LEVEE
STA. 174+06	343212.67	3538742.96	N29°26'28.49"	W90°31'23.04"	P.I. C/L OF PROPOSED LEVEE
STA. 193+09	344305.15	3540301.69	N29°26'39.19"	W90°31'05.33"	P.I. C/L OF PROPOSED LEVEE
STA. 210+76	345316.29	3541750.56	N29°26'49.10"	W90°30'48.86"	P.I. C/L OF PROPOSED LEVEE
STA. 228+87	346371.61	3543222.26	N29°26'59.44"	W90°30'32.13"	P.I. C/L OF PROPOSED LEVEE
STA. 234+13	346695.93	3543636.80	N29°27'02.63"	W90°30'27.41"	P.I. C/L OF PROPOSED LEVEE
STA. 236+00	346806.25	3543787.59	N29°27'03.71"	W90°30'25.70"	P.I. C/L OF PROPOSED LEVEE
STA. 237+36	346888.38	3543857.57	N29°27'04.51"	W90°30'24.90"	P.I. C/L OF PROPOSED LEVEE
STA. 255+97	347985.57	3545399.61	N29°27'15.27"	W90°30'07.37"	P.I. C/L OF PROPOSED LEVEE
STA. 292+31	350092.25	3548359.95	N29°27'35.91"	W90°29'33.71"	P.I. C/L OF PROPOSED LEVEE
STA. 297+96	350420.45	3548749.25	N29°27'39.13"	W90°29'29.28"	TIE-IN TO EXISTING LEVEE
STA. 299+33	350307.50	3548945.98	N29°27'37.99"	W90°29'27.06"	TIE-IN TO EXISTING LEVEE
STA. 311+50	350159.43	3550128.30	N29°27'36.44"	N90°29'13.70"	END LEVEE EXPANSION

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## TERREBONNE LEVEE & CONSERVATION DISTRICT

### COORDINATE LIST

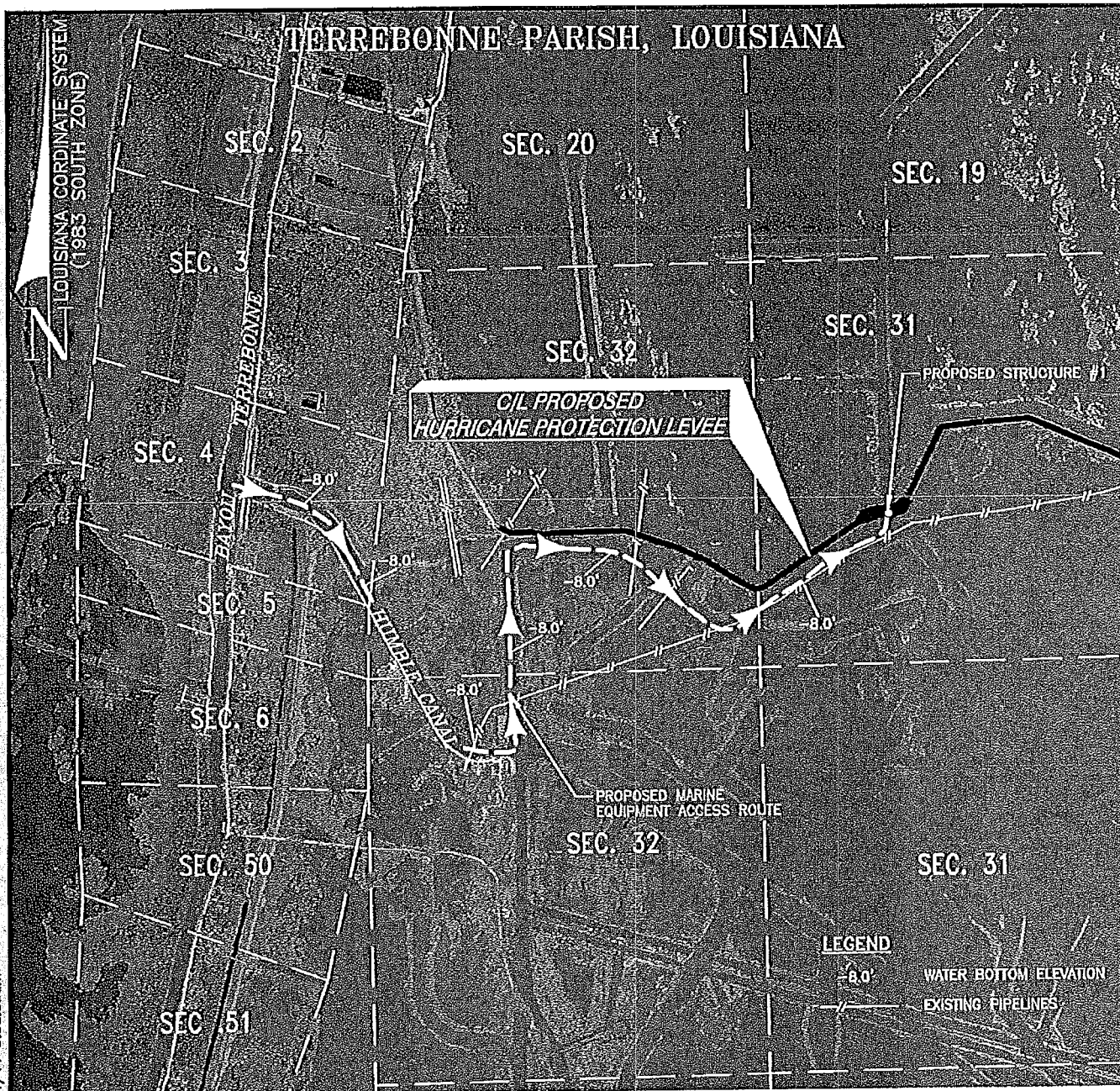
  
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 313 GAYLOR AVE. SUITE 100 • P.O. BOX 3128 • HOUMA, LOUISIANA 70341 • (504) 875-2731  
 10201 SOUTHWEST FRIEDLAND • SUITE 100 • HOUSTON, TEXAS 77024 • (281) 232-5470



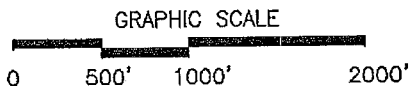
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NO ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; THEREFORE, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE PROJECT.



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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## TERREBONNE LEVEE & CONSERVATION DISTRICT

### MARINE EQUIPMENT ACCESS ROUTE (STUCTURE #1)

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10101 SOUTHVIEW DRIVE • SUITE 400 • HAUGHTON, TEXAS 77725 • (409) 233-3470



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CHKD./APPD. BY: AJG/MKC	SCALE: 1"=1000'
UPDATED BY:	DATE: 4/20/11
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