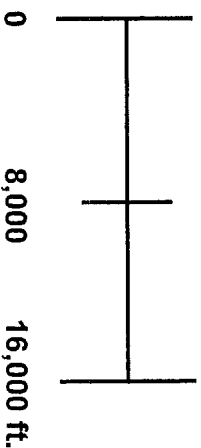


**Project Title:** Avoca Island GIWW Bank Protection

**Purpose:** Avoca Island proposed rip rap for bank line protection & stabilization along Gulf Intracoastal Waterway.

**Location:** Amelle, Louisiana  
Saint Mary Parish, Louisiana

**Date:** 3/27/12

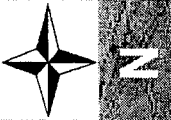


**Source:** LDNR 2008

**Location:** T16S-R13E, Sec. 35, 36, & 47

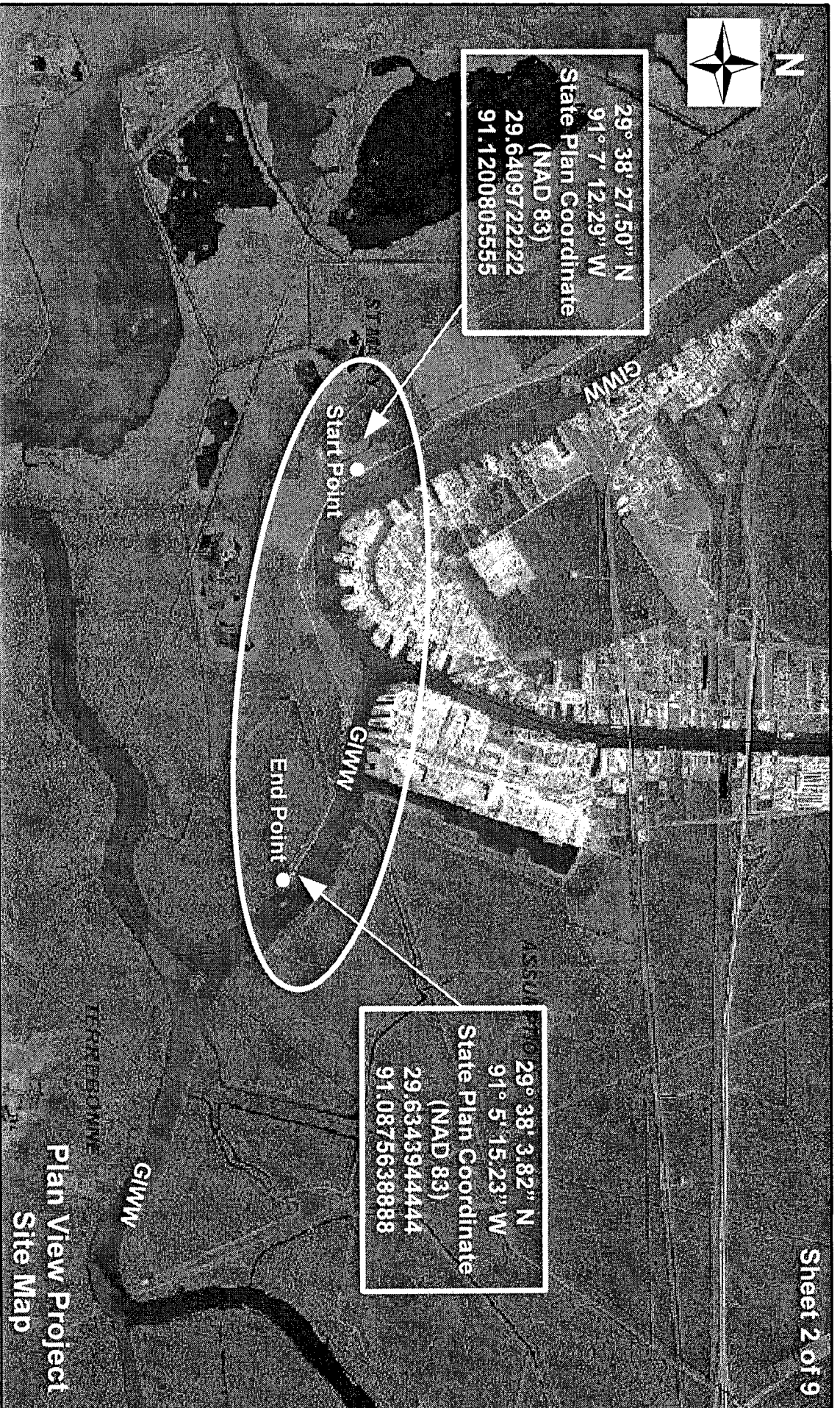
**Application by:** Avoca Inc.

**Randy Moertle and Associates, Inc.,**  
**Environmental and Landowner Services**  
1008 Mar Drive Lockport, La 70374



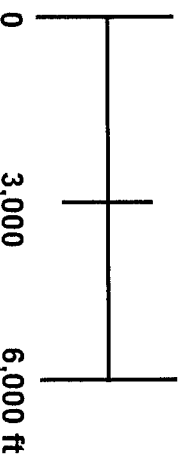
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91° 7' 12.29" W  
State Plan Coordinate  
(NAD 83)  
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91.1200805555

29° 38' 3.82" N  
91° 5' 15.23" W  
State Plan Coordinate  
(NAD 83)  
29.6343944444  
91.0875638888



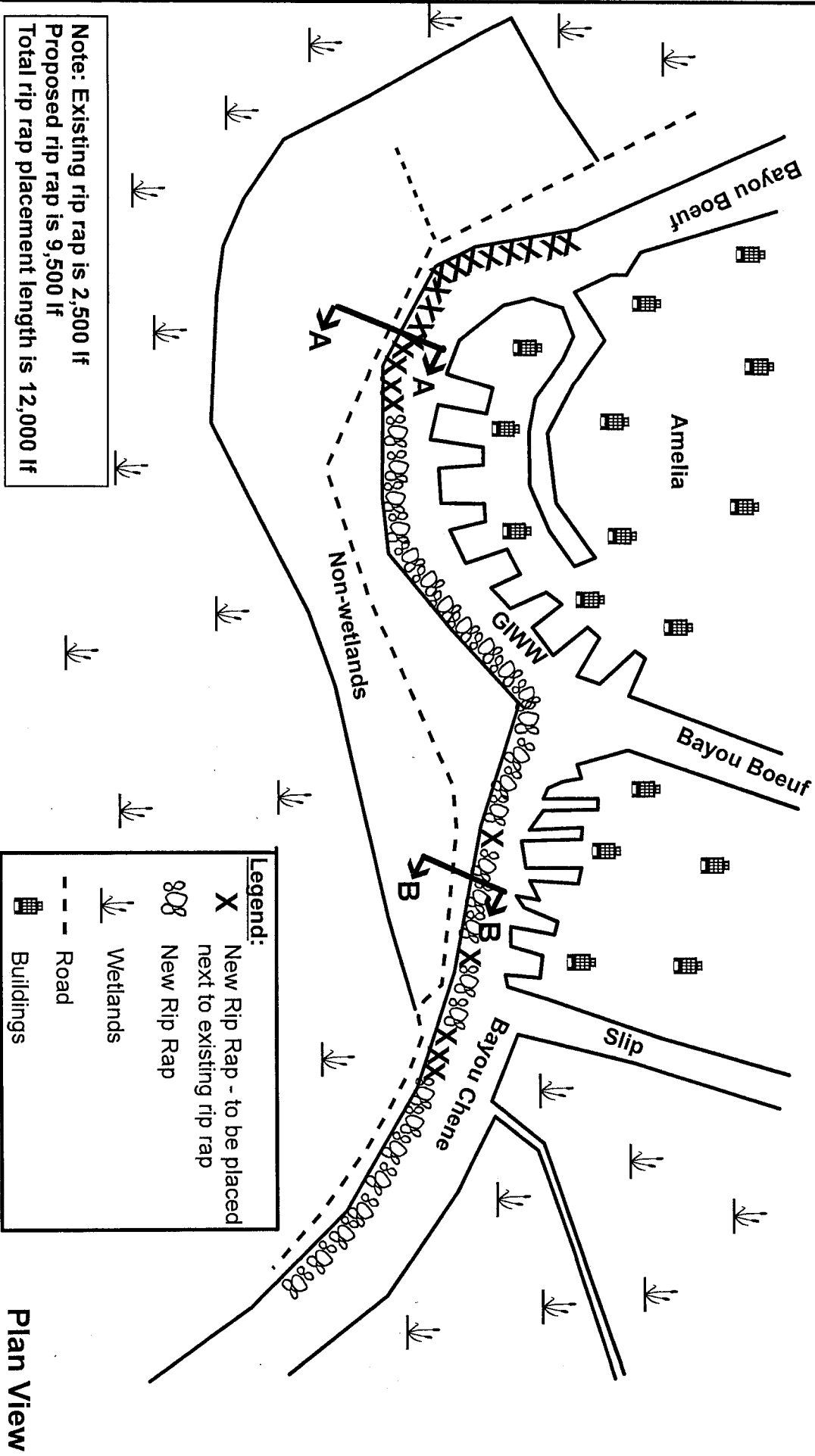
# Plan View Project Site Map

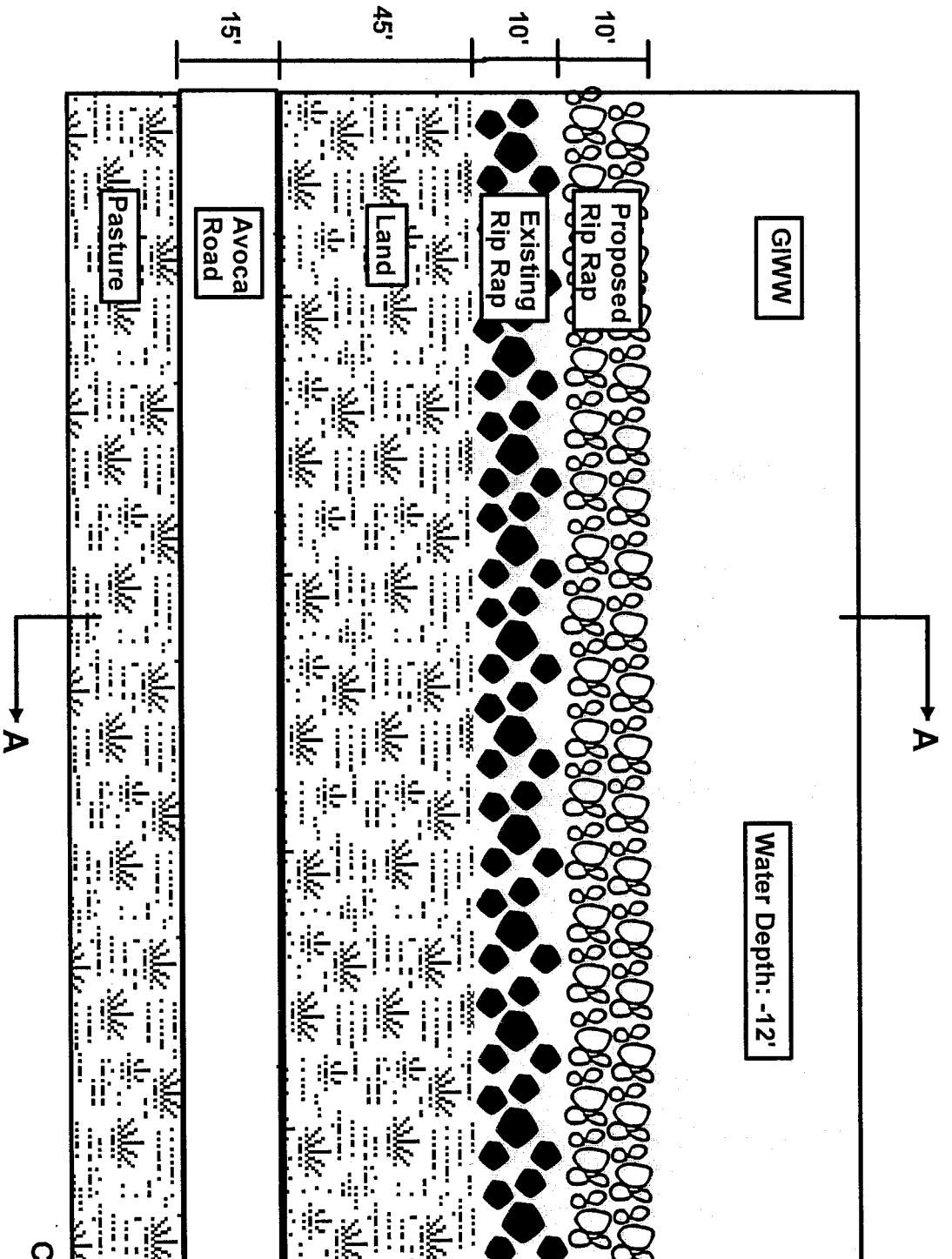
**Project Title:** Avoca Island GIWW Bank Protection  
**Purpose:** Avoca Island proposed rip rap for bank line protection & stabilization along Gulf Intracoastal Waterway.  
**Location:** Amelia, Louisiana  
Saint Mary Parish, Louisiana  
**Date:** 3/27/12    **Revised:** 4/12/12



**Source:** LDNR 2008  
**Location:** T16S-R13E, Sec. 35, 36, & 47  
**Application by:** Avoca Inc.  
**Randy Moertle and Associates, Inc.**  
*Environmental and Landowner Services*  
1008 Mar Drive Lockport, La 70374







Plan View  
Cross Section A-A  
(not to scale)

**Project Title:** Avoca Island GIWW Bank Protection

**Purpose:** Avoca Island proposed rip rap for bank line protection & stabilization along Gulf Intracoastal Waterway.

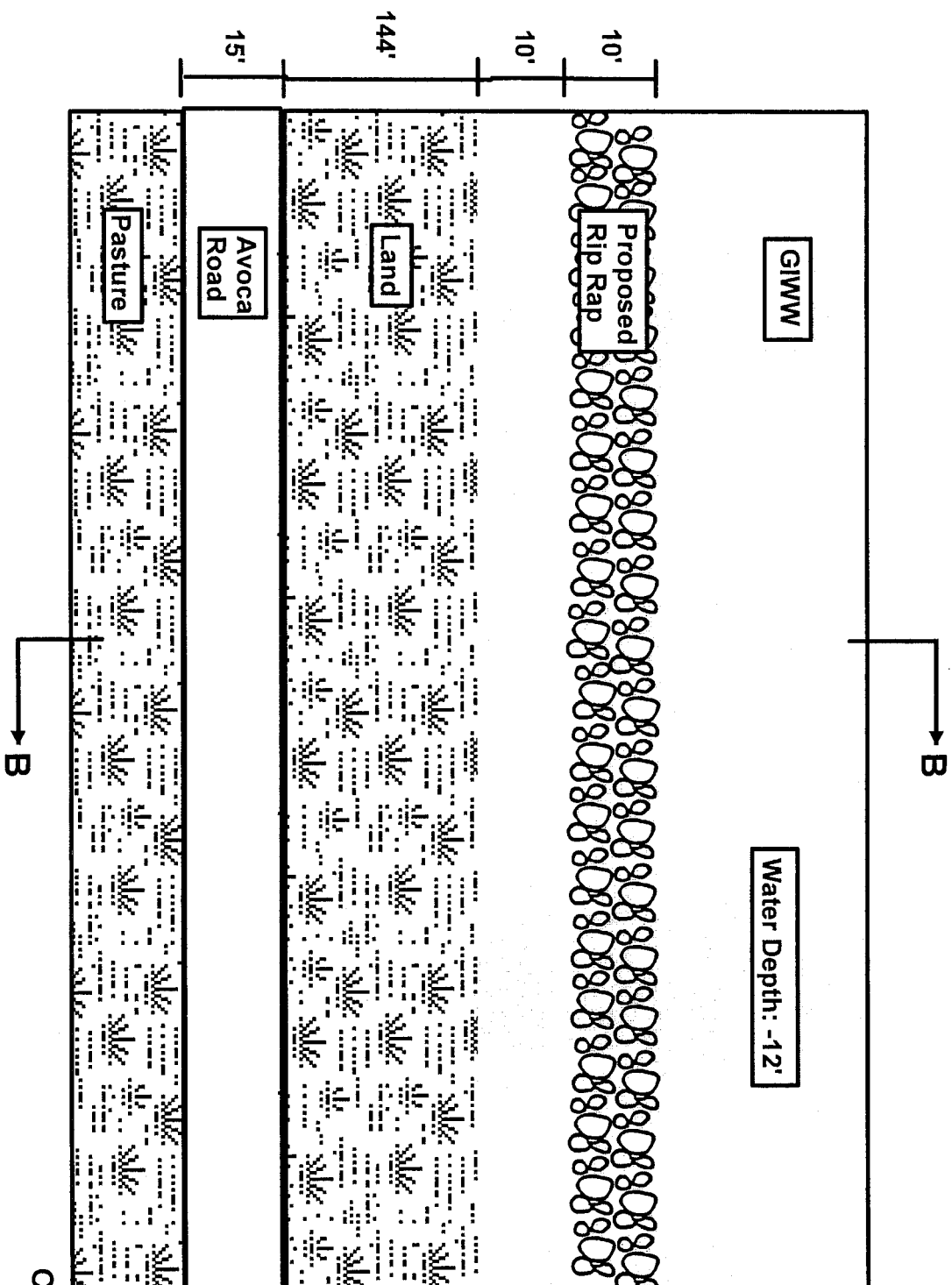
**Location:** Amelia, Louisiana  
Saint Mary Parish, Louisiana

**Date:** 3/27/12 **Revised:** 4/12/12

**Location:** T16S-R13E, Sec. 35, 36, & 47

**Application by:** Avoca Inc.

**Randy Moertle and Associates, Inc.**  
*Environmental and Landowner Services*  
1008 Mar Drive Lockport, La 70374



Plan View  
Cross Section B-B  
(not to scale)

**Project Title:** Avoca Island GIWW Bank Protection

**Purpose:** Avoca Island proposed rip rap for bank line protection & stabilization along Gulf Intracoastal Waterway.

**Location:** Amelia, Louisiana

Saint Mary Parish, Louisiana

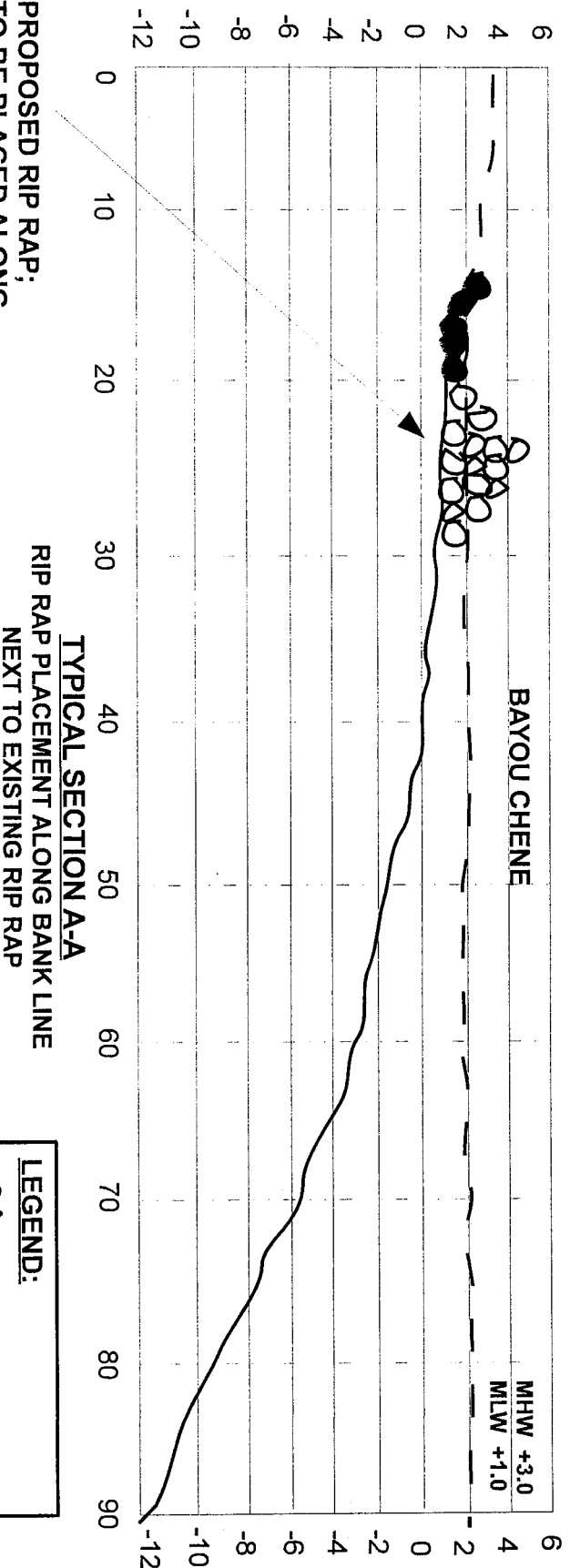
**Date:** 3/27/12 **Revised:** 4/12/12

**Location:** T16S-R13E, Sec. 35, 36, & 47

**Application by:** Avoca Inc.

Randy Moertle and Associates, Inc.

*Environmental and Landowner Services*  
1008 Mar Drive Lockport, La 70374



PROPOSED RIP RAP;  
TO BE PLACED ALONG  
BANK LINE AS SHOWN,  
IS 8,910 CUBIC YARDS.

NOTE: PROPOSED RIP RAP TO BE PLACED  
ADJACENT TO EXISTING RIP RAP IN OPEN  
WATER. NO EMERGENT VEGETATION WILL  
BE COVERED WITH RIP RAP.

### Cross Section A-A

**Project Title:** Avoca Island GIWW Bank Protection  
**Purpose:** Avoca Island proposed rip rap for  
bank line protection & stabilization along Gulf  
Intracoastal Waterway.  
**Location:** Amelia, Louisiana  
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**Date:** 3/27/12

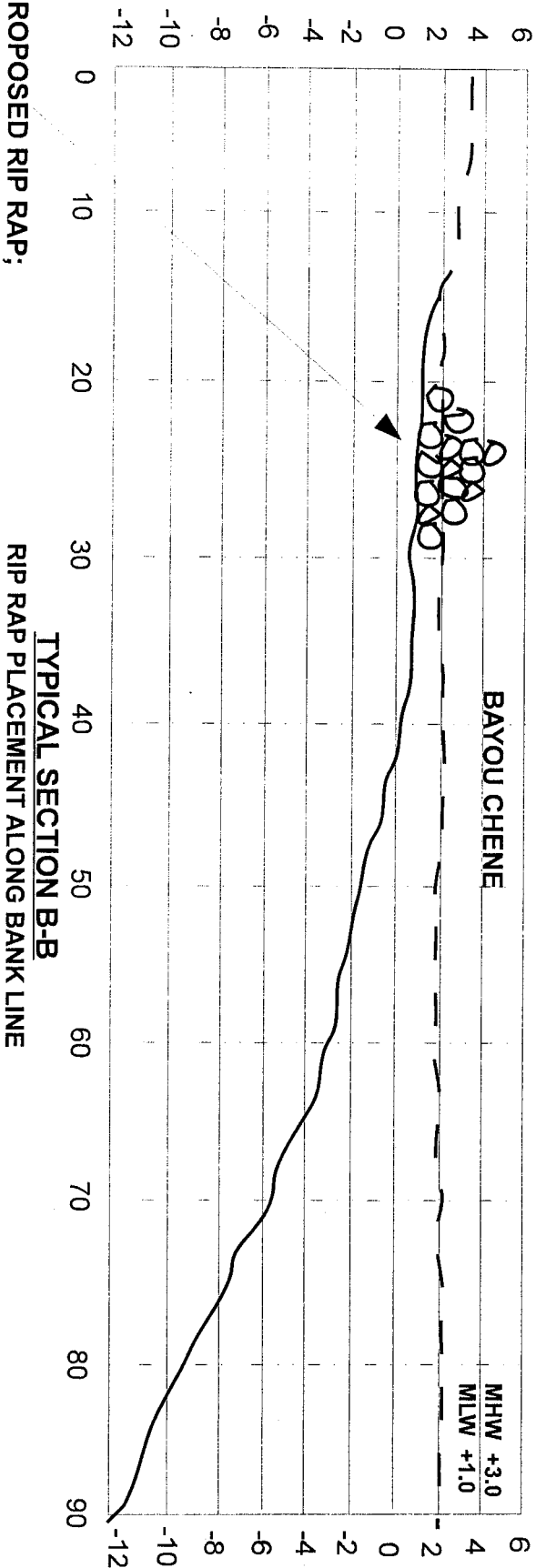
**Location:** T16S-R13E, Sec. 35, 36, & 47  
**Application by:** Avoca Inc.  
**Randy Moertle and Associates, Inc.**  
**Environmental and Landowner Services**  
1008 Mar Drive Lockport, La 70374

**LEGEND:**



PROPOSED RIP RAP

Sheet 7 of 9



PROPOSED RIP RAP;  
TO BE PLACED ALONG  
BANK LINE AS SHOWN,  
IS 8,910 CUBIC YARDS.

NOTE: PROPOSED RIP RAP TO BE PLACED  
IN OPEN WATER ALONG BANK LINE. NO EMERGENT  
VEGETATION WILL BE COVERED WITH RIP RAP.

**Cross Section B-B**

**Project Title:** Avoca Island GILWW Bank Protection

**Purpose:** Avoca Island proposed rip rap for bank line  
protection & stabilization along Gulf Intracoastal  
Waterway.

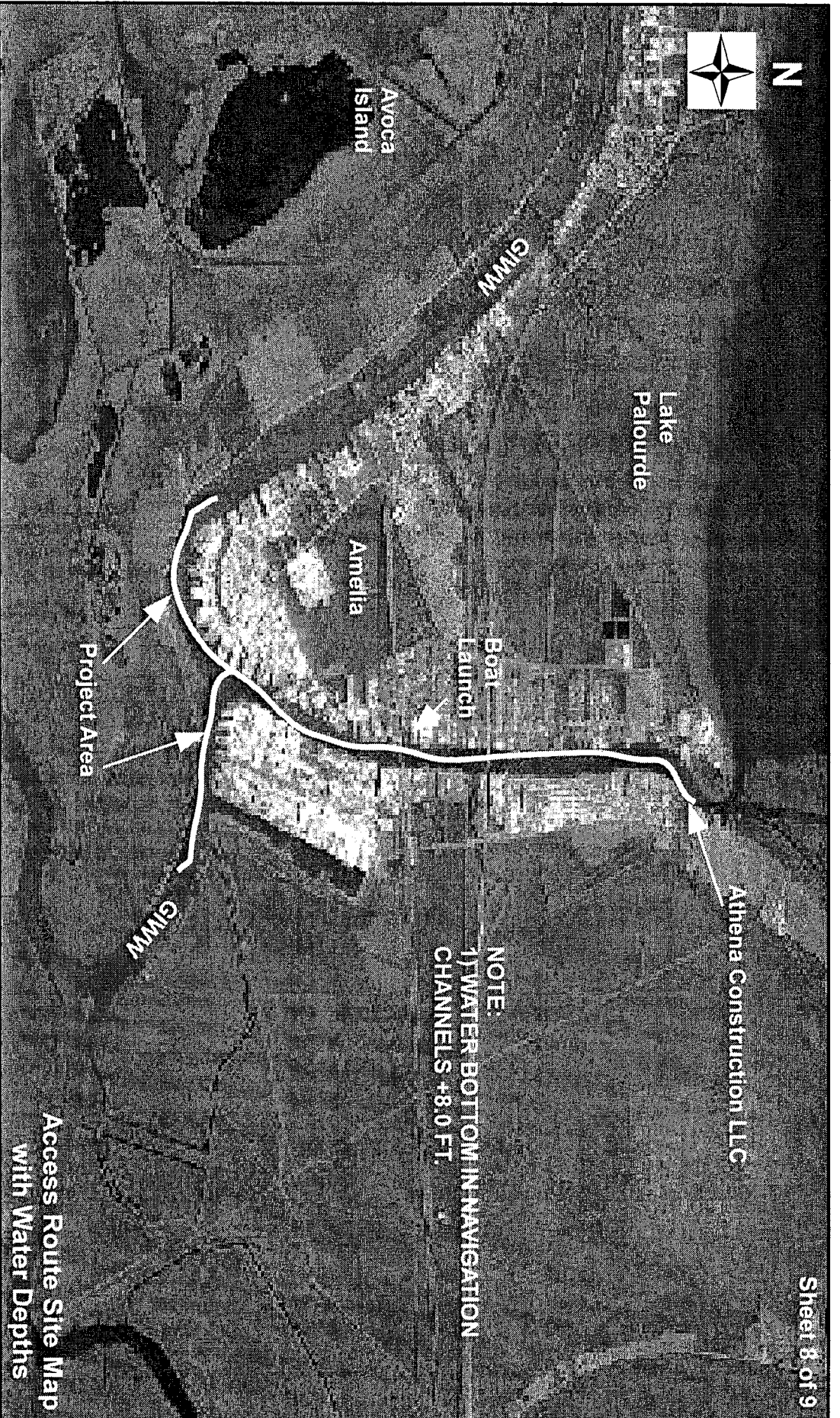
**Location:** Amelia, Louisiana  
Saint Mary Parish, Louisiana

**Date:** 3/27/12

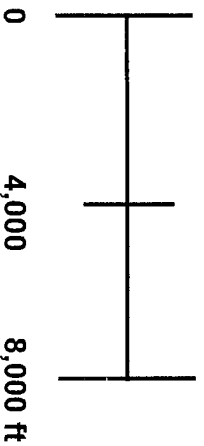
**Location:** T16S-R13E, Sec. 35, 36, & 47

**Application by:** Avoca Inc.

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1008 Mar Drive Lockport, La 70374



**Project Title:** Avoca Island GIWW Bank Protection  
**Purpose:** Avoca Island proposed rip rap for bank line protection along Gulf Intracoastal Waterway.  
**Location:** Amelia, Louisiana  
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**Date:** 3/27/12



**Source:** LDNR 2008  
**Location:** T16S-R13E, Sec. 35, 36, & 47  
**Application by:** Avoca Inc.

**Randy Moertle and Associates, Inc.**  
**Environmental and Landowner Services**  
1008 Mar Drive Lockport, La 70374



**GENERAL NOTES**

1. RIP RAP WILL BE BARGED TO PROJECT SITE AND INSTALLED WITH A BARGE MOUNTED EXCAVATOR.
2. BARGE WILL REMAIN IN NAVIGATION CHANNEL AS SHOWN ON SHEET 6 OF 7.
3. WATER BOTTOM IN CHANNELS ARE +8.0 FT.
4. THERE WILL BE NO ACCESS DREDGING.
5. TOTAL RIP RAP LENGTH 12,000 LF.
6. TOTAL 8,910 CUBIC YARDS.
7. RIP RAP WILL BE FREE OF CONTAMINANTS.

**Project Title:** Avoca Island GIWW Bank Protection

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**Location:** Amelia, Louisiana  
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**Date:** 3/27/12

**Source:** LDNR 2008

**Location:** T16S-R13E, Sec. 35, 36, & 47

**Application by:** Avoca Inc.

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