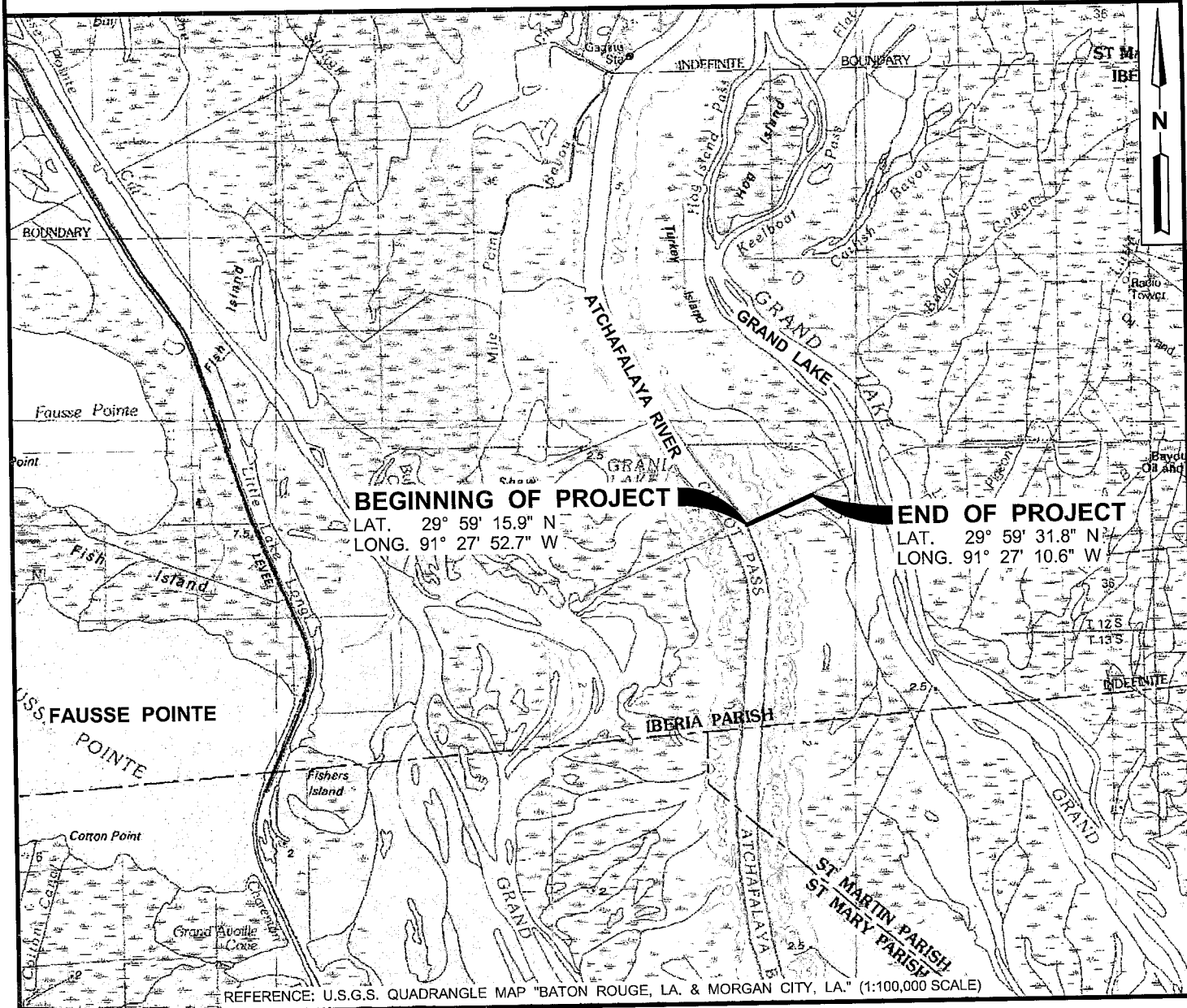


IBERIA PARISH, LOUISIANA



NOTE:

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

*SEE SHEET 8 OF 8 FOR GENERAL NOTES AND REFERENCES.

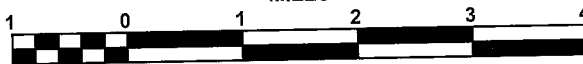


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SCALE

MILES



1:100,000

BY	ENTERPRISE PRODUCTS OPERATING L.P.		
REVISION	PERMIT APPLICATION PROPOSED LOWERING OF EXPOSED / SUSPENDED 6" ENTERPRISE PIPELINE VICINITY MAP IBERIA PARISH, LOUISIANA Hydro Consultants, inc. BATON ROUGE, LOUISIANA		
DATE	DRAWN CAH	CHECKED WAM	APPROVED CSL
	DATE JUNE 28, 2012	DWG. NO. A66-806-06, SHT. 1 OF 8	

IBERIA PARISH, LOUISIANA

ALL WORK AND EQUIPMENT TO BE LIMITED TO CANAL BOTTOM. NO WORK TO BE PERFORMED ON TOP BANKS OF CANAL.

ATCHAFALAYA RIVER
(RIVER MILE 91.2 BELOW THE HEAD (2007))

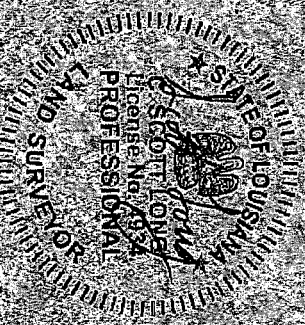
LOCATION OF PROPOSED ROCK
(SEE SHEET 3 OF 8)

6" ENTERPRISE PIPELINE

SEE SHT. 7 OF 8

LIMITS OF WORK SPACE FOR LOWERING OF 6" ENTERPRISE PIPELINE

3940.1



SEE SHEET 8 OF 8 FOR GENERAL NOTES AND REFERENCES

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

SCALE - FEET



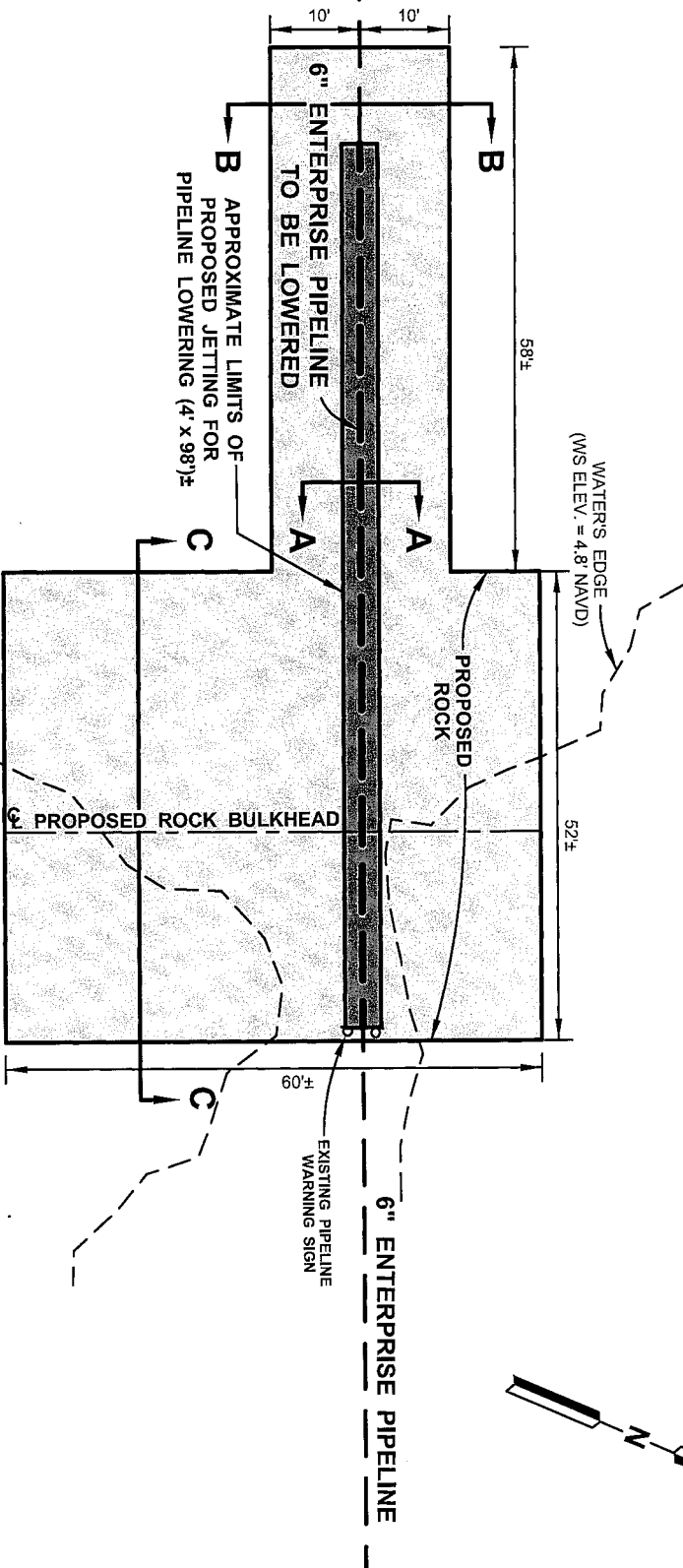
1" = 500'

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DATE	REVISION	BY
DATE JUNE 28, 2012	1	ENTERPRISE PRODUCTS OPERATING L.P.
DRAWN CAH	CHECKED WAM	APPROVED CSL
<p>PERMIT APPLICATION PROPOSED LOWERING OF EXPOSED / SUSPENDED 6" ENTERPRISE PIPELINE LIMITS OF PROPOSED PIPELINE LOWERING IBERIA PARISH, LOUISIANA</p> <p>Hydro Consultants, inc. BATON ROUGE, LOUISIANA</p>		

IBERIA PARISH, LOUISIANA

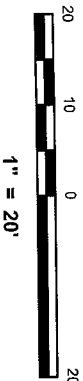
ATCHAFALAYA RIVER
(RIVER MILE 9+1.2 BELOW THE HEAD (2007))
FLOW



*SEE SHEET 8 OF 8 FOR GENERAL
NOTES AND REFERENCES.

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

SCALE - FEET



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PURPOSE, OR USE BY ANY OTHER PARTY SHALL BE AT USERS
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OF THE SUPERVISING PROFESSIONAL WILL VOID THE SEAL WHICH
HE HAS PLACED HEREON.

BY	ENTERPRISE PRODUCTS OPERATING L.P.			
REVISION	PERMIT APPLICATION PROPOSED LOWERING OF EXPOSED / SUSPENDED 6" ENTERPRISE PIPELINE			
DATE	PLAN FOR PLACEMENT OF ROCK OVER EXPOSED / SUSPENDED PIPELINE			
IBERIA PARISH, LOUISIANA				
Hydr-40 Consultants, inc.				
BATON ROUGE, LOUISIANA				
DRAWN CAH	CHECKED WAM	APPROVED CSL		
DATE JUNE 28, 2012	DWG. NO. A66-806-06, SHT. 3 OF 8			

ELEVATION - FEET, N.A.V.D. 88

2268+50

2269+00

2269+50

2270+00



1" = 20' HORIZ.
1" = 20' VERT.

NOTE:

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BY ENTERPRISE PRODUCTS OPERATING L.P.

**PERMIT APPLICATION
PROPOSED LOWERING OF EXPOSED / SUSPENDED 6"
ENTERPRISE PIPELINE**

PROFILE

IBERIA PARISH, LOUISIANA

Hydr- Consultants, inc.

BATON ROUGE, LOUISIANA

DRAWN CAH

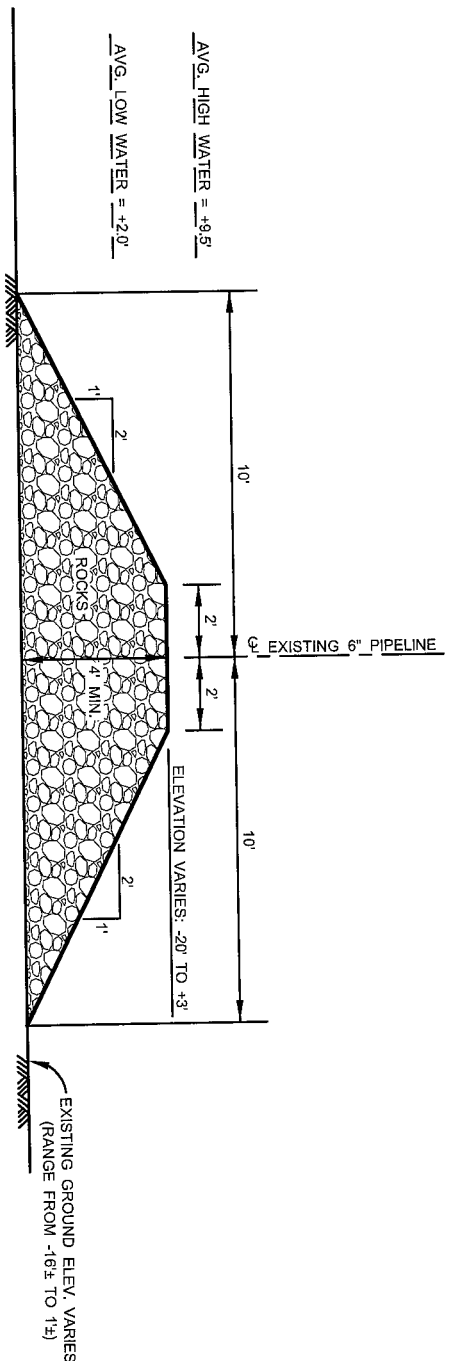
CHECKED WAN

APPROVED CSL

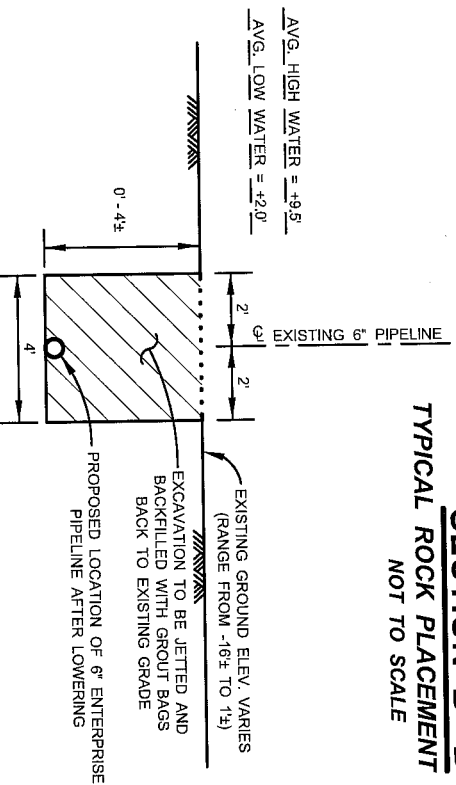
DATE: JUNE 28, 2012

DWG. NO. A66-806-06, SHT. 4 OF 8

IBERIA PARISH, LOUISIANA



SECTION B - B
TYPICAL ROCK PLACEMENT DETAIL
NOT TO SCALE



SECTION A - A
TYPICAL EXCAVATION DETAIL
NOT TO SCALE

***SEE SHEET 8 OF 8 FOR GENERAL NOTES AND REFERENCES.**

NOTE:

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NO.	REVISION
1	ENTERPRISE PRODUCTS OPERATING L.P.
2	PERMIT APPLICATION
3	PROPOSED LOWERING OF EXPOSED / SUSPENDED 6"
4	ENTERPRISE PIPELINE
5	SECTIONS A - A & B - B
6	IBERIA PARISH, LOUISIANA
7	Hydro Consultants, inc.
8	BATON ROUGE, LOUISIANA
9	DRAWN CAH
10	CHECKED WAM
11	DWG. NO. A66-806-06 SH1: 5 OF 8
12	DATE: JUNE 28, 2012
13	APPROVED CSL

RIVERWARD

VARIABLES 0' TO 29'

AVG. LOW WATER = +2.0'

④ ROCK BULKHEAD

LANDWARD

VARIES 0' TO 23'

ELEV. VARIES 0' TO 6"

$$\frac{3H}{5} : 7V$$

EXISTING GROUND ELEV. VARIES 0' TO 14'

**TYPICAL ROCK BULKHEAD DETAIL
NOT TO SCALE**


NOTE:

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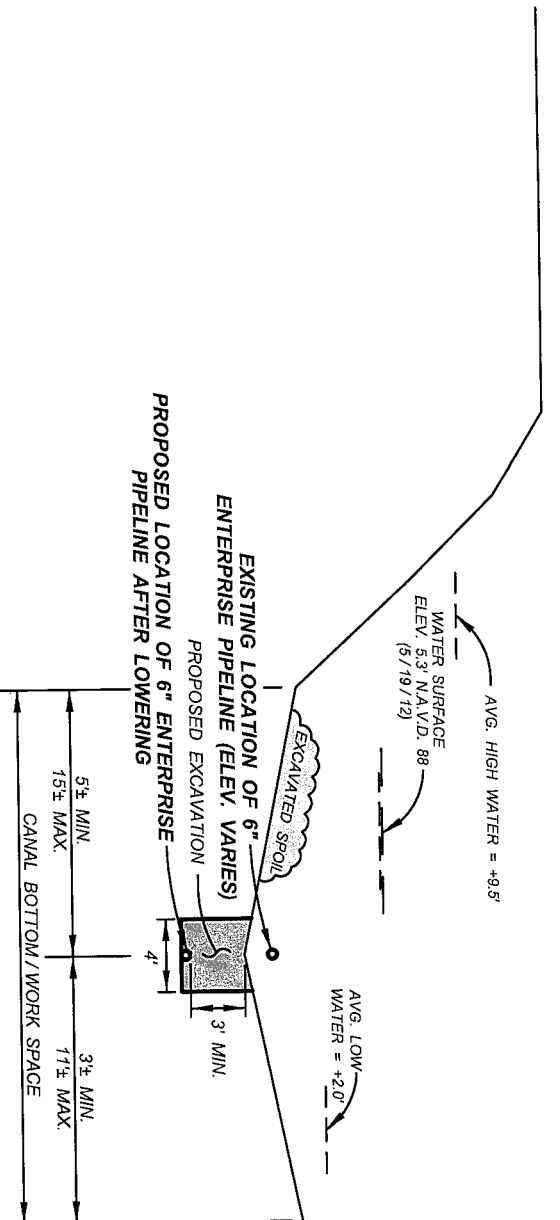
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OF THE SUPERVISING PROFESSIONAL WILL VOID THE SEAL WHICH
HE/HAS PLACED HEREON.

BY	ENTERPRISE PRODUCTS OPERATING L.P.		
REVISION	PERMIT APPLICATION PROPOSED LOWERING OF EXPOSED / SUSPENDED 6" ENTERPRISE PIPELINE SECTION C - C IBERIA PARISH, LOUISIANA		
DATE	DRAWN CAH	CHECKED WAM	APPROVED CSI
DATE	JUNE 28, 2012 BATON ROUGE, LOUISIANA Hydr-  Consultants, inc. DWG. NO. A66-806-06, SHT. 6 OF 8		

IBERIA PARISH, LOUISIANA

SOUTH BANK

NORTH BANK



SECTION D-D TYPICAL DETAIL NOT TO SCALE

ALL WORK AND EQUIPMENT TO BE LIMITED TO CANAL BOTTOM. NO WORK TO BE PERFORMED ON TOP BANKS OF CANAL.

*SEE SHEET 8 OF 8 FOR GENERAL NOTES AND REFERENCES.

NOTE:

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BY	ENTERPRISE PRODUCTS OPERATING L.P.
REVISION	PERMIT APPLICATION PROPOSED LOWERING OF EXPOSED/SUSPENDED 6" ENTERPRISE PIPELINE
DATE	SECTION D - D IBERIA PARISH, LOUISIANA
DRAWN CAH	Hydro Consultants, inc.
CHECKED WAM	BATON ROUGE, LOUISIANA
DWG. NO. A66-806-06, SHIT. 7 OF 8	APPROVED CSL

IBERIA PARISH, LOUISIANA

SUMMARY OF ESTIMATED QUANTITIES

ACTIVITY	VOLUMES		AREA
	EXCAVATION	FILL	ACREAGE
EXCAVATION TO LOWER PIPELINE IN CANAL	2100 CU. YDS.	2100 CU. YDS.	0.36 ACRES EXCAVATION 2.35 ACRES WORK SPACE**
ROCK BULKHEAD	0 CU. YDS.	300 CU. YDS.	0.10 ACRES
JETTING TO LOWER PIPELINE IN ATCHAFALAYA RIVER	40 CU. YDS.*	40 CU. YDS.*	
TOTALS	2140 CU. YDS.	2440 CU. YDS.	2.45 ACRES

*APPROXIMATELY 40 CU. YDS. OF SPOIL WILL BE DISPERSED BY THE CURRENT DUE TO CONSTRUCTION ACTIVITIES AND WILL BE REPLACED BY APPROXIMATELY 40 CU. YDS. OF GROUT BAGS.

**AREA CALCULATION BASED ON MAXIMUM DIMENSIONS OF CANAL BOTTOM/WORK SPACE AS SHOWN ON SHEET 7 OF 8. CALCULATED AREA INCLUDES THE AREA REQUIRED FOR EXCAVATION FOR LOWERING THE 6" ENTERPRISE PIPELINE.

NOTE:

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NOTES:
NORTH ARROW REFERS TO THE LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD 83). COORDINATES DERIVED FROM DIFFERENTIAL GPS OBSERVATIONS.
VERTICAL DATUM REFERS TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D. 88). ELEVATIONS WERE DERIVED FROM RTK GPS OBSERVATIONS USING LSU GULFNET CORRECTIONS.

PIPELINE STATIONING IS IN FEET BY HORIZONTAL MEASUREMENT. STATIONING DETERMINED FROM REFERENCED HYDRO CONSULTANTS DRAWING.

ATCHAFALAYA RIVER MILE WAS SCALED FROM MAP NO. 24 OF THE U.S. ARMY CORPS OF ENGINEERS 2007 ATCHAFALAYA RIVER NAVIGATION AND FLOOD CONTROL BOOK.

PARISH INFORMATION TAKEN FROM REFERENCED CHEVRON ALIGNMENT SHEETS.

WATER SURFACE ELEVATION: 7.5 FT. N.A.V.D. 88 (4/15/12).

REFERENCES:

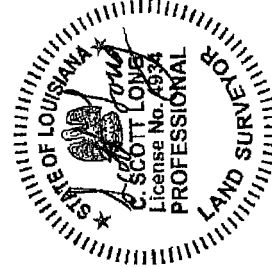
HYDRO FIELD BOOK NO. 1432.

HYDRO SOUNDING CHARTS DATED APRIL 23 & 27, 2012.

CHEVRON ALIGNMENT SHEETS ENTITLED "6 INCH PRODUCTS HENRY PLANT - GATOR" SHEET 10 OF 13 DATED JANUARY 9, 2009.

HYDRO CONSULTANTS DRAWING ENTITLED "HENRY HUB TO NAPOLEONVILLE ATCHAFALAYA RIVER (MAIN CHANNEL) RIVER MILE 91.2 BELOW THE HEAD (2007) IBERIA PARISH, LOUISIANA" DRAWING NO. C66-1105-01 DATED OCTOBER 15, 2010.

AERIAL PHOTOGRAPHY DATED 2009.



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ENTERPRISE PRODUCTS OPERATING L.P.	
PERMIT APPLICATION PROPOSED LOWERING OF EXPOSED / SUSPENDED 6" ENTERPRISE PIPELINE	
NOTES AND REFERENCES	
IBERIA PARISH, LOUISIANA	
Hydro Consultants, inc.	
BATON ROUGE, LOUISIANA	
DRAWN CAH	CHECKED WAM
DATE JUNE 28, 2012	APPROVED CSL
DWG. NO. A86-806-08, SHT. 8 OF 8	