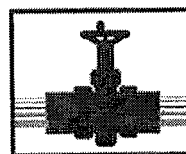


VICINITY VIEW



THESE DRAWINGS ARE TO BE USED EXCLUSIVELY
FOR THE ACQUISITION OF REGULATORY PERMITS.



PLAINS
PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE 8" AND 10" PIPELINE
CAILLOU ISLAND TO COCODRIE

DRAFTING	ENGINEERING	DATE	SCALE 1"= 1=20,000'
DWG. <u>RML</u>	ENGR. _____	_____	DWG. NO.
CH. <u>KJK</u>	CH. _____	_____	<u>P11.0911-VLowering</u>
DATE <u>02/01/12</u>	APP'D. _____	_____	

REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
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T21S-R18E
TERREBONNE PARISH, LOUISIANA

LEGEND:

→ PROPOSED ACCESS

PROJECT LOCATION:

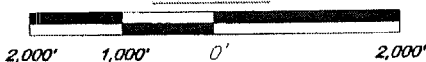
X = 3,306,900.08 (NAD 83)
Y = 268,987.76 (NAD 83)
LAT: 29°14'15.79" (NAD 83)
LONG: 90°37'28.37" (NAD 83)

CONTINUE WITH 3' DRAFT TUG
EXTENT OF 5' DRAFT TUG

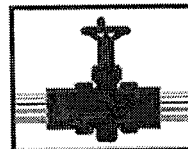
SHEET 2

ACCESS MAP

SCALE IN FEET



THESE DRAWINGS ARE TO BE USED EXCLUSIVELY
FOR THE ACQUISITION OF REGULATORY PERMITS.

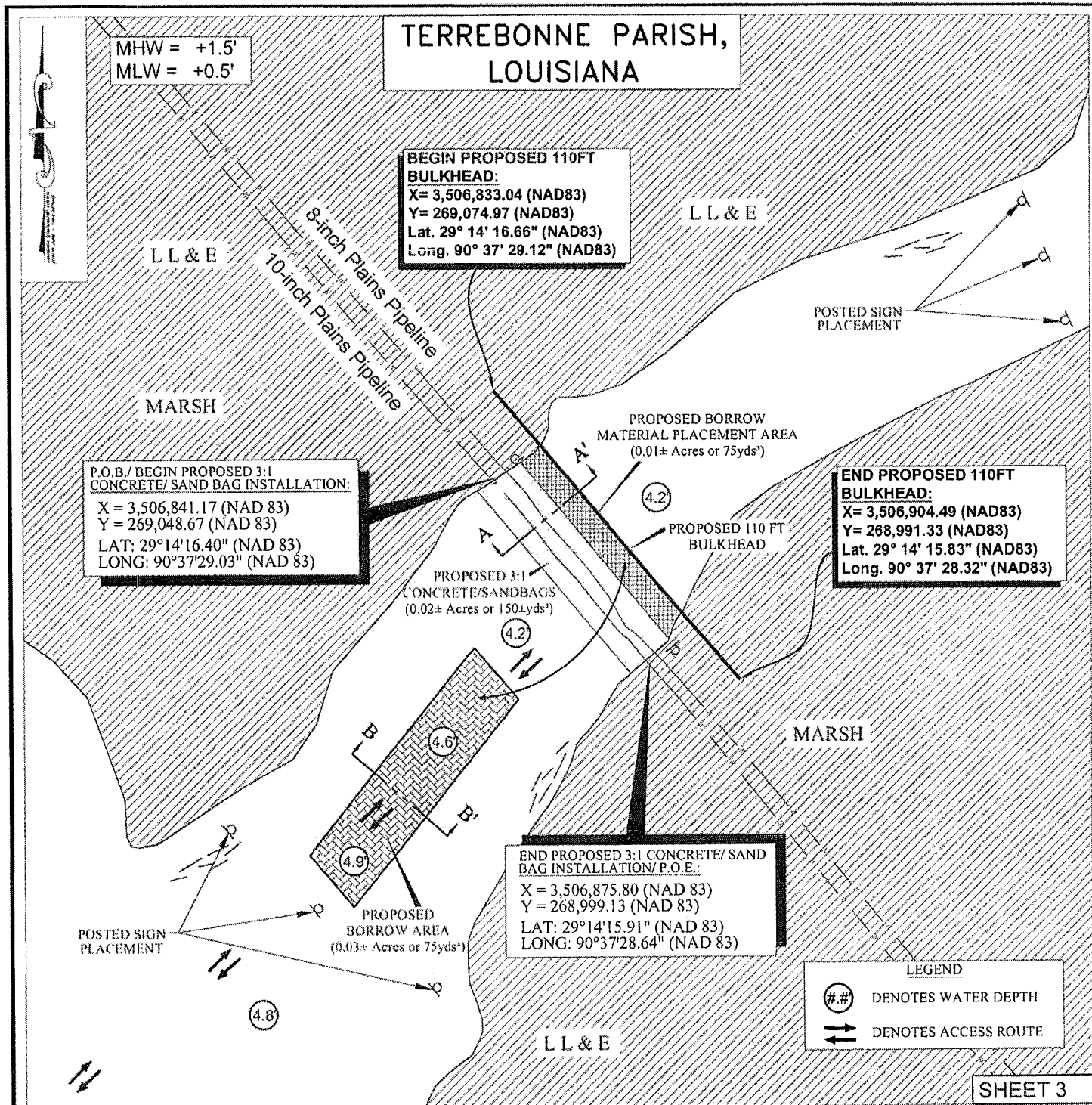


PLAINS
PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE 8" AND 10" PIPELINE
CAILLOU ISLAND TO COCODRIE

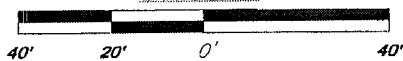
DRAFTING	ENGINEERING	DATE	SCALE 1"= 2,000'
DWG. <u>RML</u>	ENGR. _____	_____	DWG. NO.
CH. <u>KJK</u>	CH. _____	_____	P11.0911-VLowering
DATE <u>02/01/12</u>	APP'D. _____	_____	

REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
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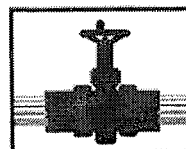
PLAN VIEW

SCALE IN FEET



THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

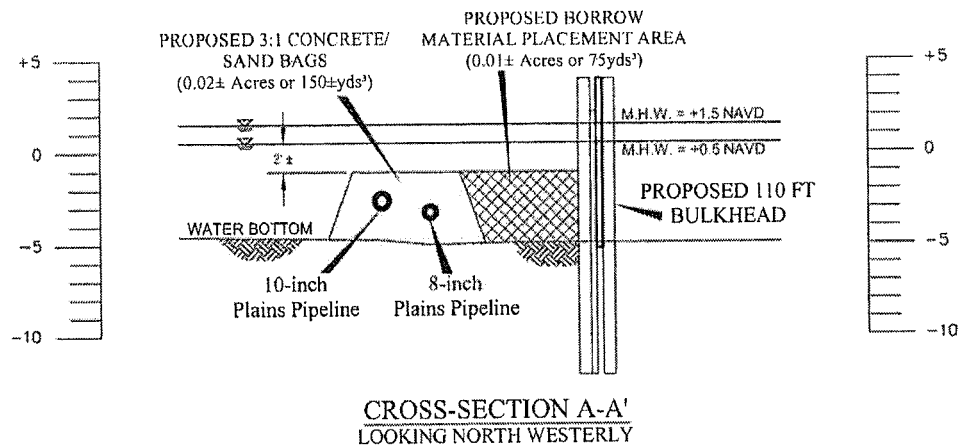
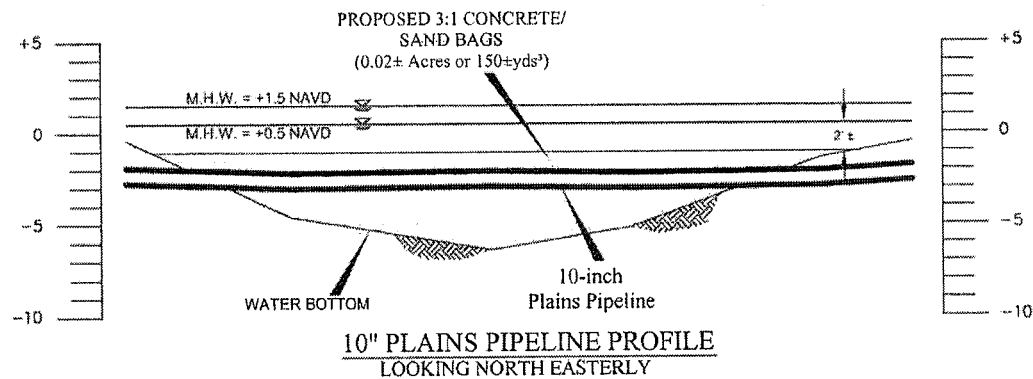
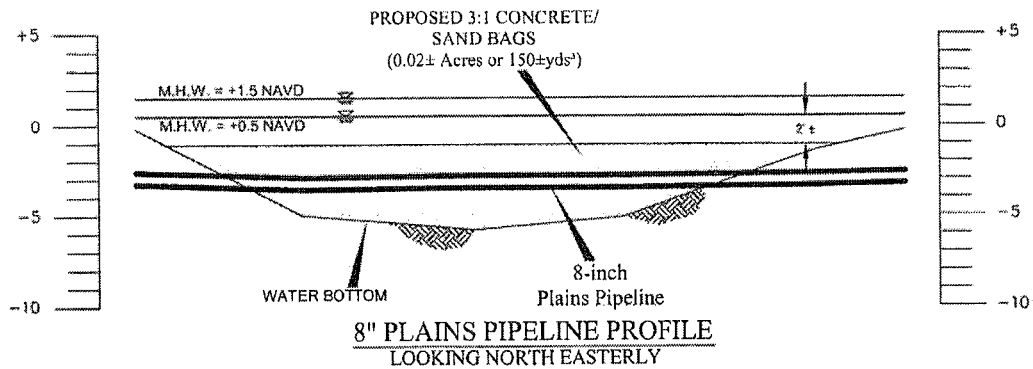
REV.	DESCRIPTION	OWN.	ENGR.	DATE	APP'D.



PLAINS
PIPELINE, L.P.

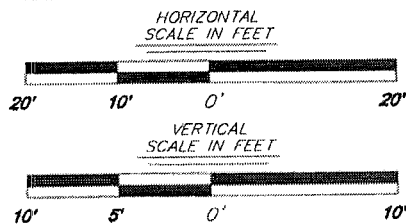
PROPOSED PIPELINE REMEDIATION
ALONG THE 8" AND 10" PIPELINE
CAILLOU ISLAND TO COCODRIE

DRAFTING	ENGINEERING	DATE	SCALE 1"= 40'
DWG. <u>RML</u>	ENGR. <u> </u>	<u> </u>	DWG. NO. <u> </u>
CH. <u>KJK</u>	CH. <u> </u>	<u> </u>	<u> </u>
DATE <u>02/01/12</u>	APP'D. <u> </u>	<u> </u>	11.0911-Lowering-Revised 2-1-12

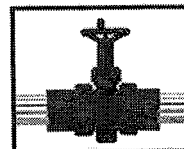


SHEET 4

PROFILE VIEW



THESE DRAWINGS ARE TO BE USED EXCLUSIVELY
FOR THE ACQUISITION OF REGULATORY PERMITS.

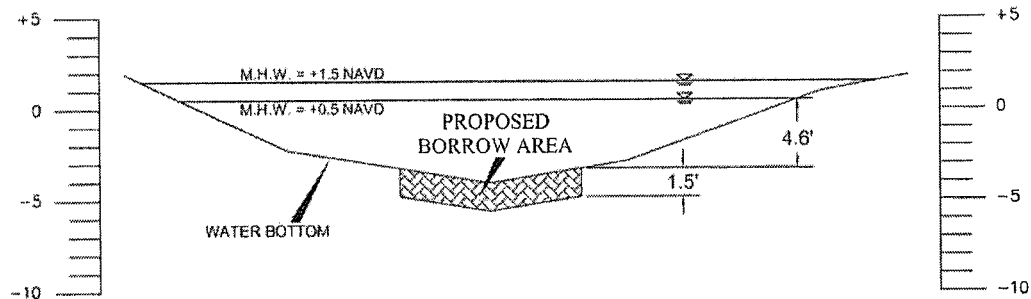


PLAINS
PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE 8" AND 10" PIPELINE
CAILLOU ISLAND TO COCODRIE

DRAFTING	ENGINEERING	DATE	SCALE	AS SHOWN
OWG. <u>RML</u>	ENGR. _____	_____	DWG. NO.	
CH. <u>KJK</u>	CH. _____	_____		
DATE <u>02/01/12</u>	APP'D. _____	_____		11.0911-Lowering-Revised 2-1-12

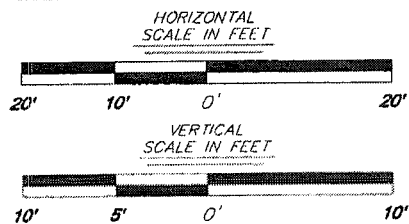
REV.	DESCRIPTION	OWN.	ENGR.	DATE	APP'D.
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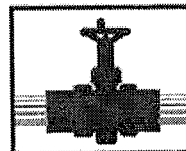
CROSS-SECTION B-B'
LOOKING NORTH WESTERLY

SHEET 5

PROFILE VIEW



THESE DRAWINGS ARE TO BE USED EXCLUSIVELY
FOR THE ACQUISITION OF REGULATORY PERMITS.

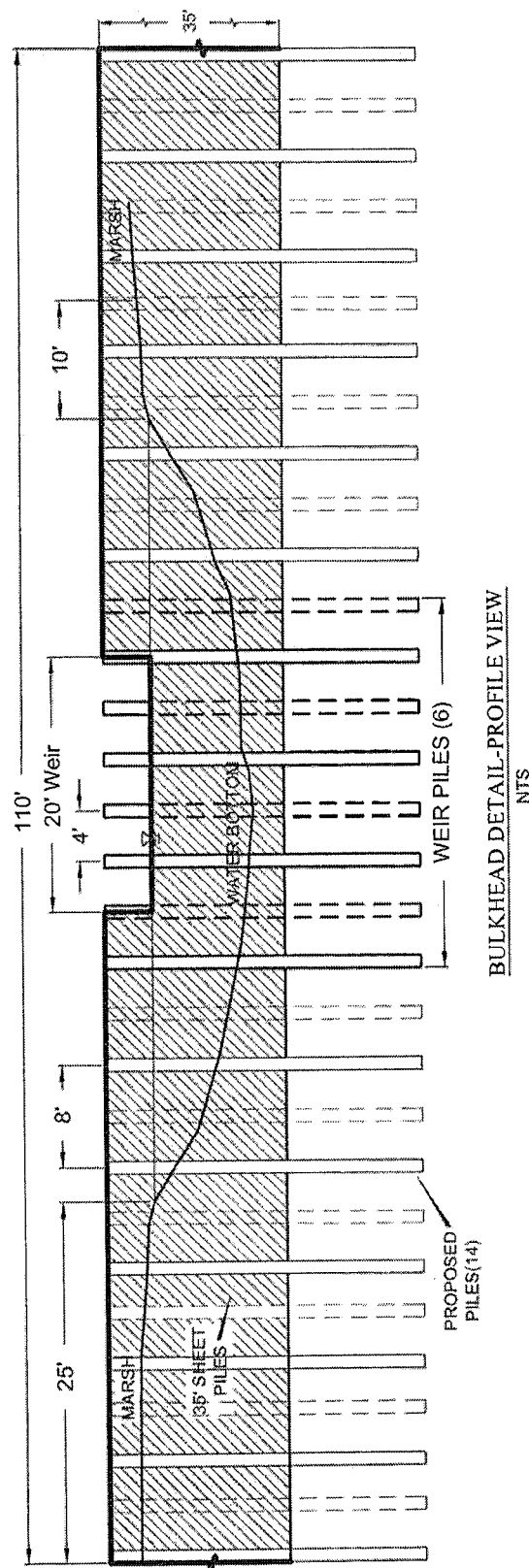
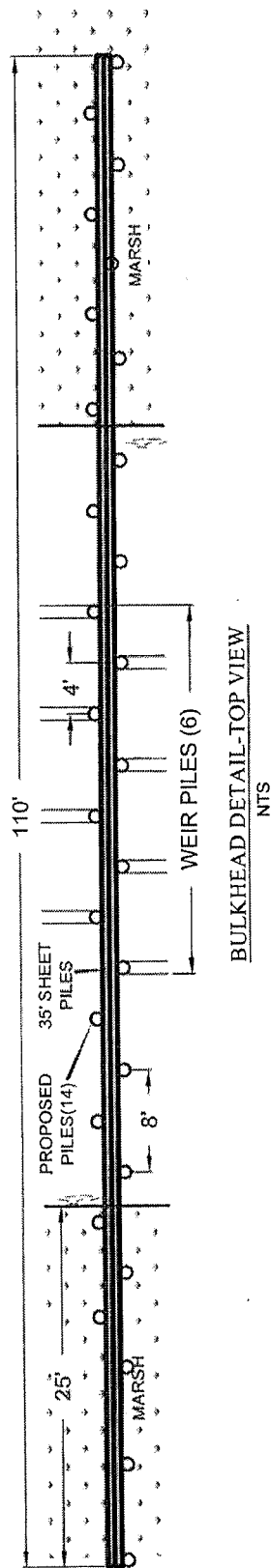


PLAINS
PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE 8" AND 10" PIPELINE
CAILLOU ISLAND TO COCODRIE

DRAFTING	ENGINEERING	DATE	SCALE AS SHOWN
DWG. <u>RML</u>	ENGR. _____	_____	DWG. NO. _____
CH. <u>KJK</u>	CH. _____	_____	11.0911-Lowering-Revised 2-1-12
DATE <u>02/01/12</u>	APP'D. _____	_____	

REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
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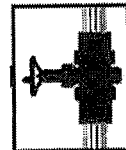


SHEET 6

PROPOSED PIPELINE REMEDIATION
ALONG THE 8" AND 10" PIPELINE
CAILLOU ISLAND TO COCODRIE

BULKHEAD DETAILS

THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.



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DRAFTING	ENGINEERING	DATE	SCALE	AS SHOWN
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DWG. NO. _____ DWG. NO. _____

CH. _____ KJK _____ CH. _____
DATE 02/01/12 APP'D. _____
P110911-Inventory-Released 2-1-12

REV.

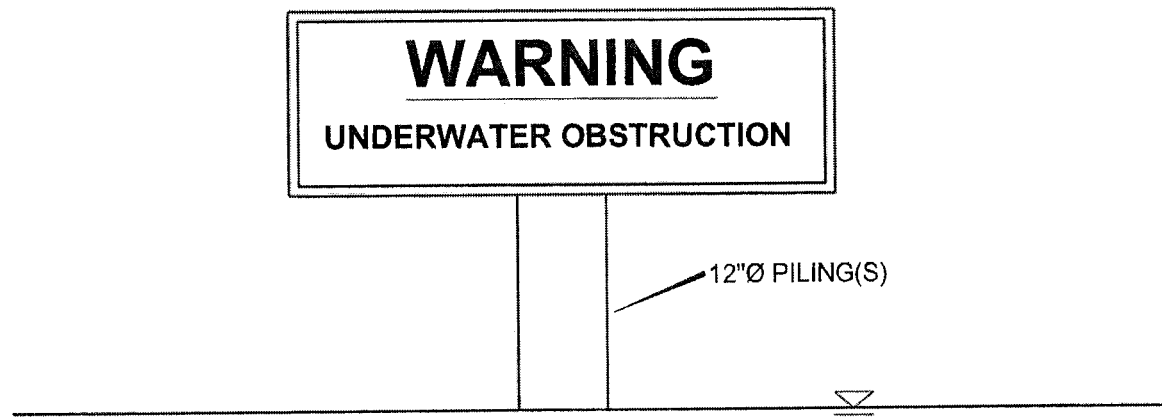
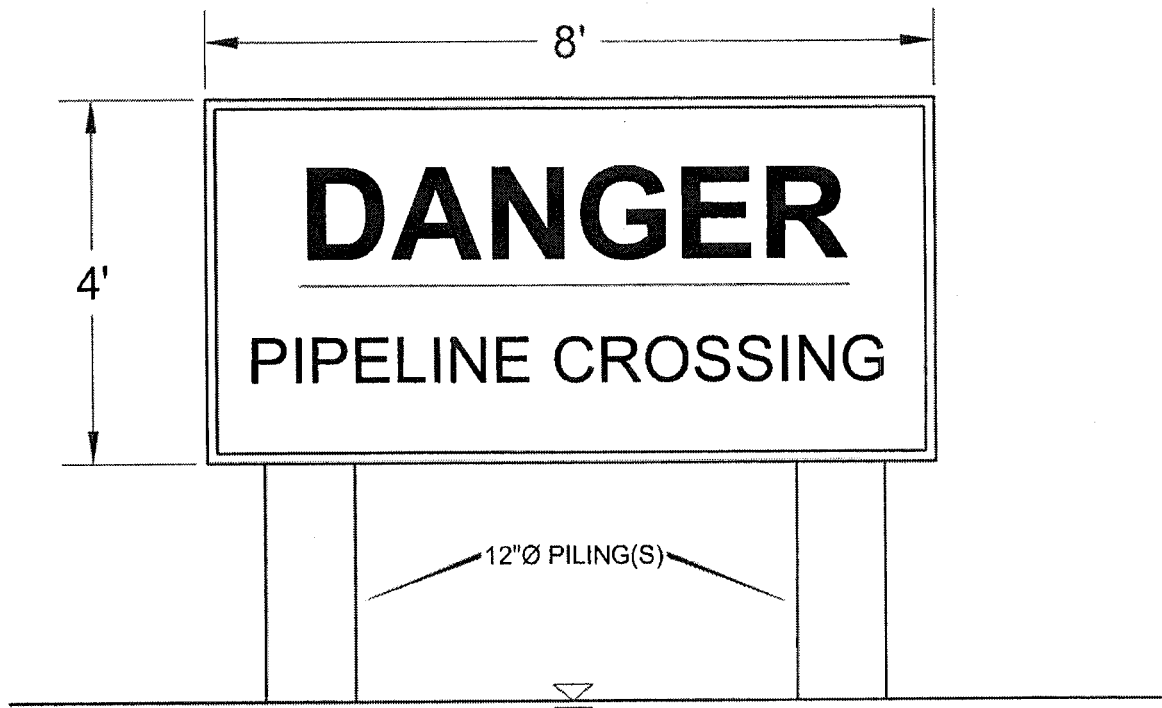
DESCRIPTION

DWY

ME | 3

[illegible]

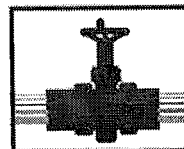
TE App.



SIGNS TO BE POSTED NEAR SITE

SHEET 7

DETAILS



PLAINS
PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE 8" AND 10" PIPELINE
CAILLOU ISLAND TO COCODRIE

DRAFTING	ENGINEERING	DATE	SCALE 1"= 2'
DWG. <u>RML</u>	ENGR. _____	_____	DWG. NO.
CH. <u>KJK</u>	CH. _____	_____	11.0911-Lowering-Revised 2-1-12.
DATE <u>02/01/12</u>	APP'D. _____	_____	

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REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
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NOTES

As-built drawings will be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Conservation, Pipeline Division, P. O. Box 94275 Baton Rouge, LA 70804, and to the Louisiana Department of Natural Resources, Coastal Management Division, P. O. Box 44487, Baton Rouge, LA 70804-4487. L L & E Houma office, P.O. Box 7097, Houma, LA. 70360.

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 or 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.

Structures must also be marked/lighted in accordance with U. S. Coast Guard regulations.

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.

Applicant may, at the request of LDWF and prior written approval of CMD, be required to modify the project if the proposed location unnecessarily impacts oyster reefs.

Applicant shall not discharge any drilling and/or work over effluent except for flocculated filtered water.

Applicant shall not discharge any human waste which does not meet or exceed the requirements of the Department of Health and Hospitals.

Applicant shall not discharge any produced waters.

Applicant is subject to all applicable state laws related to damages which are demonstrated to have been caused by this proposed action.

Applicant shall use any dredged material beneficially to create/restore emergent wetlands or place the material in open water in such a manner not to decrease the water depth greater than six inches.

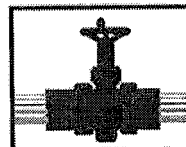
Applicant shall provide to the LDWF a water bottom assessment (unless waived by LDWF) that meets LDWF protocol prior to commencement of the activity. A waiver request must be submitted to LDWF in writing and must state the justification for the request.

TOTAL IMPACTS

<u>EXCAVATIONS</u>	
NON-VEGETATED	75 CU. YDS.
WATER BOTTOMS:	0.03 ACS.
WETLANDS:	0.00 CU. YDS.
	0.00 ACS.
<u>FILL AREAS</u>	
NON-VEGETATED	225 CU. YDS.
WATER BOTTOMS:	0.03 ACS.
WETLANDS:	0.00 CU. YDS.
	0.00 ACS.
<u>FILL MATERIALS</u>	
SAND BAGS:	150 CU. YDS.
NATIVE MATERIAL:	75 CU. YDS.

SHEET 8

NOTES



PLAINS
PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE 8" AND 10" PIPELINE
CAILLOU ISLAND TO COCODRIE

DRAFTING	ENGINEERING	DATE	SCALE	N.T.S.
DWG. <u>RML</u>	ENGR. _____	_____	DWG. NO.	
CH. <u>KJK</u>	CH. _____	_____	11.0911-Lowering-Revised 2-1-12	
DATE <u>02/01/12</u>	APP'D. _____	_____		

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REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
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Equipment List with Corresponding Draft

One (1) Spud Barge w/ 210 LinkBelt Excavator (100' \pm x 30') (draft 2.5 \pm)

One (1) Deck Barge for material (100' \pm x 30') (draft 2.5 \pm)

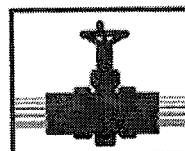
One (1) 400 H.P. Tug (5.5 \pm) - To be used only in Sufficient Water Depth

One (1) Crewboat with Dual Outboard Motors

One (1) 60' Long Reach Excavator (Marsh Buggy)

SHEET 9

EQUIPMENT LIST



PLAINS

PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE 8" AND 10" PIPELINE
CAILLOU ISLAND TO COCODRIE

DRAFTING	ENGINEERING	DATE	SCALE N.T.S.
DWG. <u>RML</u>	ENGR. _____	_____	DWG. NO.
CH. <u>KJK</u>	CH. _____	_____	
DATE <u>02/01/12</u>	APP'D. _____	_____	11.0911-Lowering-Revised 2-1-12

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REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
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