

# JOINT PUBLIC NOTICE

August 25, 2014

United States Army  
Corps of Engineers  
New Orleans District  
Regulatory Branch  
Post Office Box 60267  
New Orleans, Louisiana 70160-0267

(504) 862-1564

[Stephanie.L.Castaing@usace.army.mil](mailto:Stephanie.L.Castaing@usace.army.mil)

Project Manager  
Stephanie Castaing  
Permit Application Number  
MVN 2014-1156-EPP

State of Louisiana  
Department of Environmental Quality  
ATTN: Water Quality Certifications  
Post Office Box 4313  
Baton Rouge, Louisiana 70821-4313

(225) 219-3225

Project Manager  
Elizabeth Johnson  
WQC Application Number  
WQC 140820-01

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [X] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality, Water Quality Certifications, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

## **DREDGE, STRUCTURES, AND PIPELINE LOWERING, IN PLAQUEMINES PARISH**

**NAME OF APPLICANT:** Crimson Gulf, LLC, c/o T. Baker Smith, LLC, Post Office Box 2266, Houma, Louisiana 70361.

**LOCATION OF WORK:** The project is located approximately 13 miles southeasterly of Venice, Louisiana, in Plaquemines Parish, as shown on the attached drawings.

Latitude: 29.150906/Longitude: -89.219644 and Latitude: 29.053003/Longitude: -89.306106  
Hydrologic Unit Codes: 08090100 Lower Mississippi-New Orleans.

**CHARACTER OF WORK:** Dredging, lowering of the Crimson Gulf 16" and Delta 12" pipelines, and install and maintain appurtenant structures in order to prevent navigational hazards. Project implementation will require the excavation and temporary deposition of 74, 057 cubic yards of native material. Excavation and temporary deposition of native material will impact 10.95 acres of marsh. Also, an additional 0.60 acre of marsh will be temporarily impacted for marsh buggy access. The applicant proposed to contract with an approved mitigation bank in order to offset the adverse impact to jurisdictional wetlands or allow for a one year growing season.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. **Similar letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above. Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days.**

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

### **Corps of Engineers Permit Criteria**

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Issuance of this public notice solicits input from the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of **11.55** acre of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality, Water Quality Certifications, before a permit is issued.

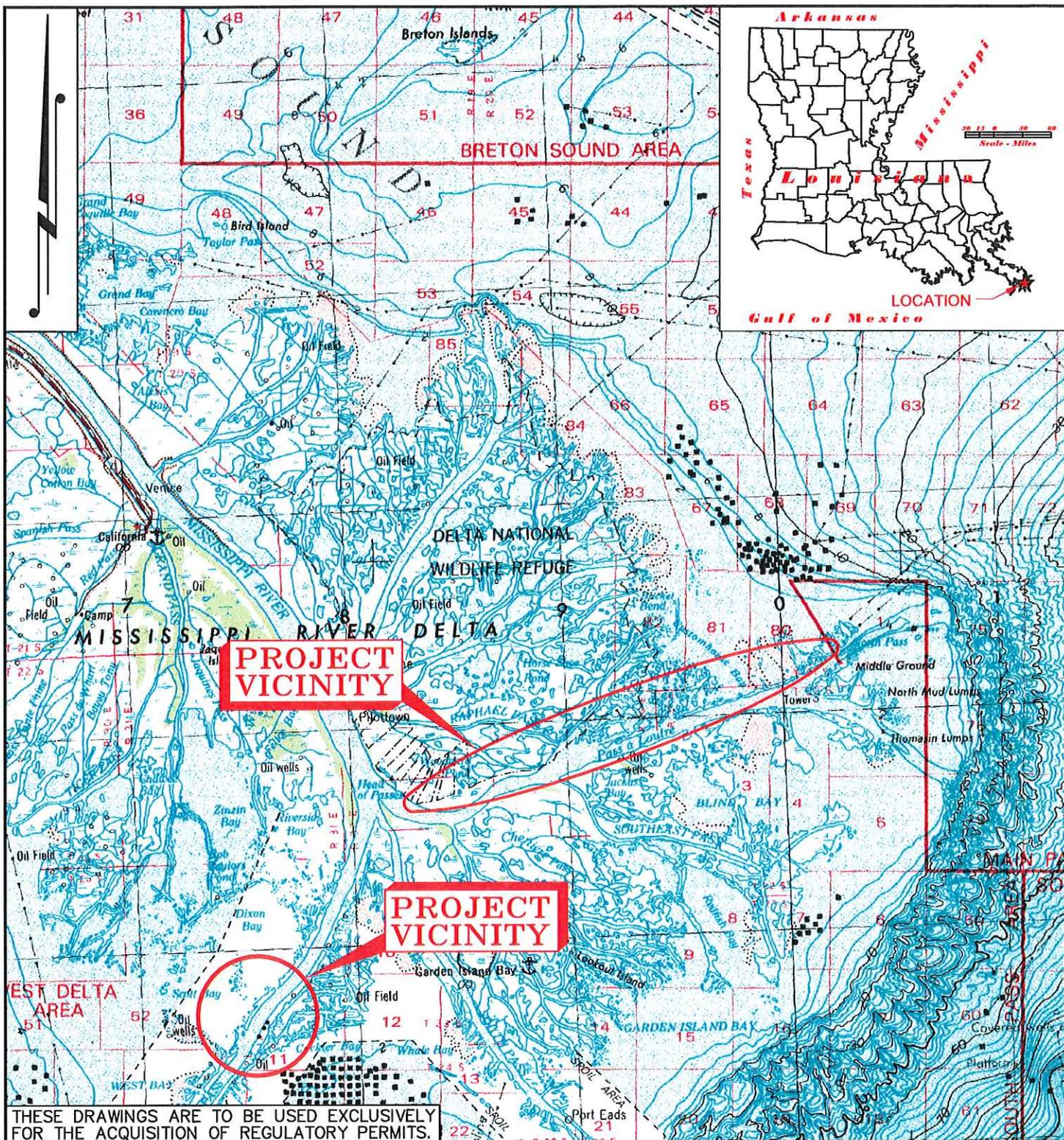
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

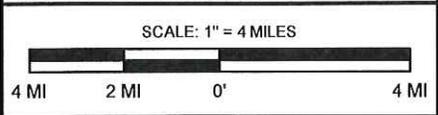
Michael V. Farabee  
Chief, Eastern Evaluation Section

Enclosure



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

DRAWN BY:	CJL	APPROVED BY:	CJR
DATE:	11/20/2013	JOB NO:	2012.0859
DRAWING NAME:	20130859P01.DWG		
SHEET NO:	1	OF	21
PROJECTION:	LA SOUTH		
GEO. DATUM:	NAD83   VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		



**VICINITY MAP**

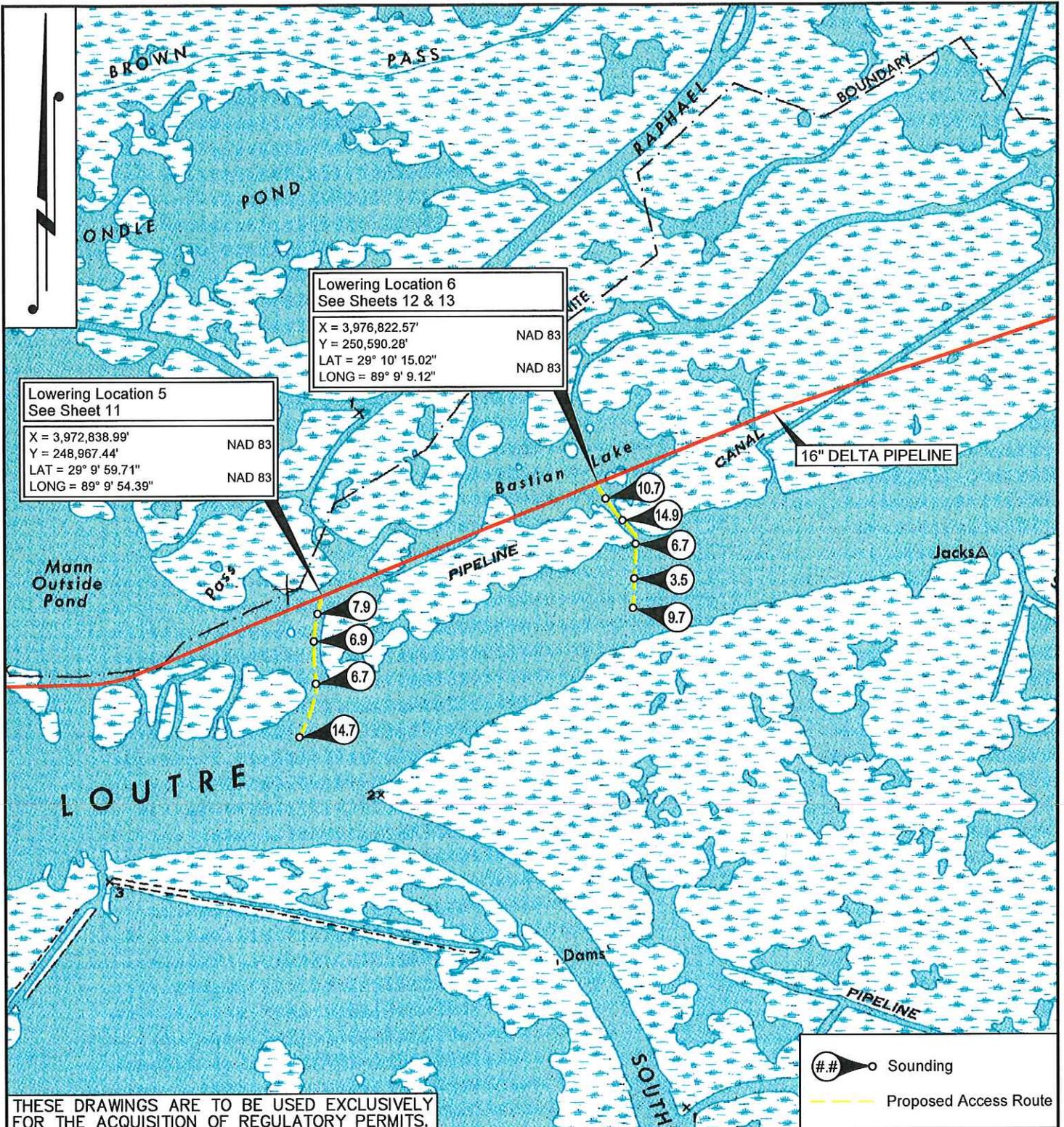
**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA

**T. BAKER SMITH** 1913  
 A CENTURY OF SOLUTIONS 2013  
 412 South Van Ave, Houma, LA 70363  
 (985)868-1050 - tbsmith.com

REV. NO:	01	REV. DATE:	3/5/14	REV. BY:	CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.					

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG





Lowering Location 5  
See Sheet 11

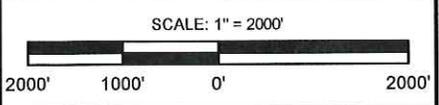
X = 3,972,838.99'      NAD 83  
Y = 248,967.44'      NAD 83  
LAT = 29° 9' 59.71"  
LONG = 89° 9' 54.39"

Lowering Location 6  
See Sheets 12 & 13

X = 3,976,822.57'      NAD 83  
Y = 250,590.28'      NAD 83  
LAT = 29° 10' 15.02"  
LONG = 89° 9' 9.12"

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

DRAWN BY:	CJL	APPROVED BY:	CJR
DATE:	11/20/2013	JOB NO.:	2013.0859
DRAWING NAME:	20130859P01.DWG		
SHEET NO.:	3	OF	21
PROJECTION:	LAS SOUTH		
GEO. DATUM:	NAD83   VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		



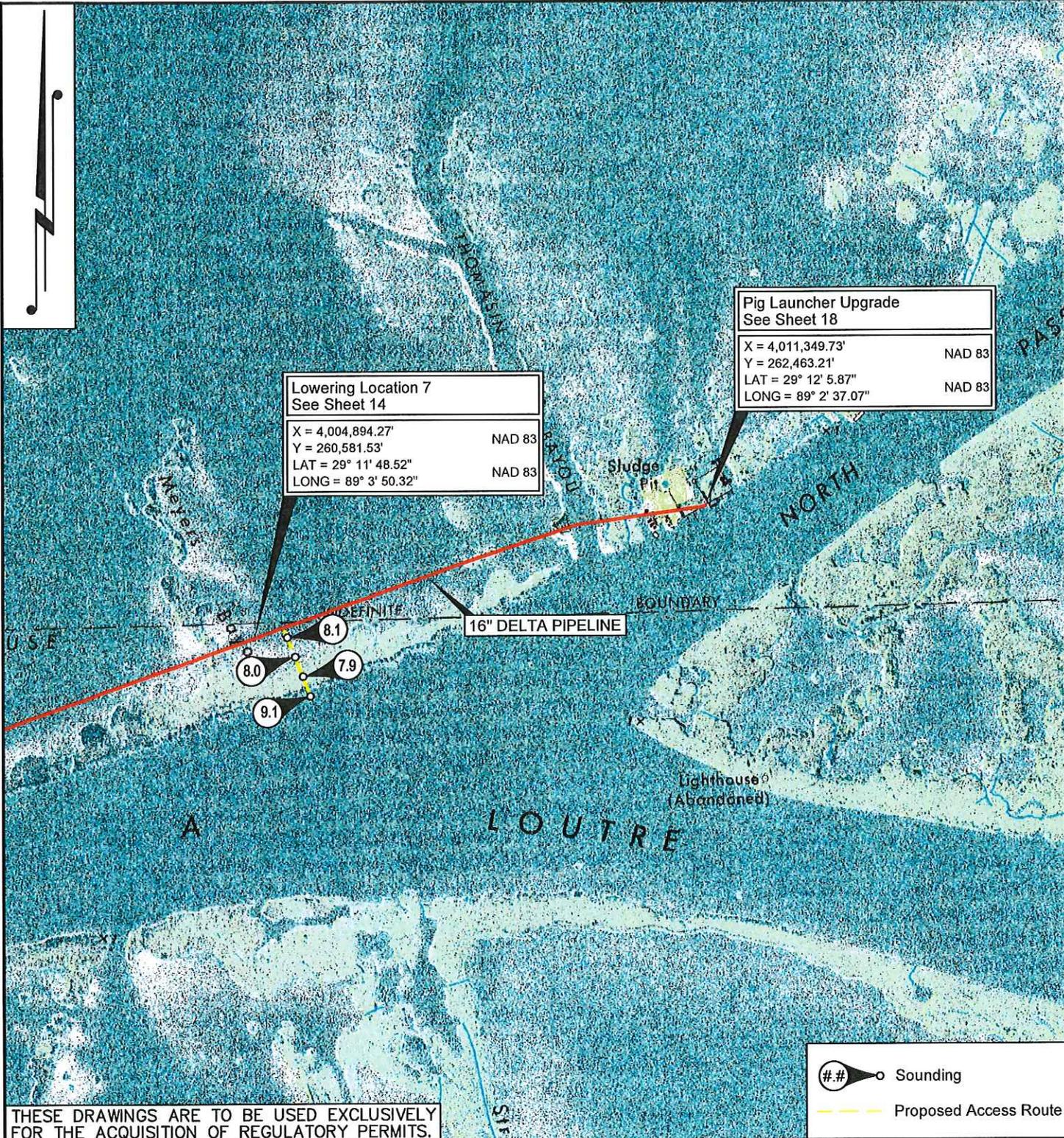
**T. BAKER SMITH** 1913  
A CENTURY OF SOLUTIONS 2013  
412 South Van Ave. Houma, LA 70363  
(985)868-1050 - tbsmith.com

### LOCATION MAP

**CRIMMON GULF, LLC**  
PROPOSED PIPELINE LOWERING  
AND PIG LAUNCHER/RECEIVER UPGRADES  
CRIMMON GULF 16" & 12" DELTA PIPELINES  
LOCATED IN  
PLAQUEMINES PARISH, LOUISIANA

REV. NO.:	01	REV. DATE:	3/5/14	REV. BY:	CJL
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3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG



Lowering Location 7  
See Sheet 14

X = 4,004,894.27'	NAD 83
Y = 260,581.53'	NAD 83
LAT = 29° 11' 48.52"	NAD 83
LONG = 89° 3' 50.32"	NAD 83

Pig Launcher Upgrade  
See Sheet 18

X = 4,011,349.73'	NAD 83
Y = 262,463.21'	NAD 83
LAT = 29° 12' 5.87"	NAD 83
LONG = 89° 2' 37.07"	NAD 83

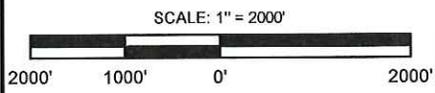
THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

## Sounding  
--- Proposed Access Route

DRAWN BY:	CJL	APPROVED BY:	CJR
DATE:	11/20/2013	JOB NO.:	2013.0859
DRAWING NAME:	20130859P01.DWG		
SHEET NO.:	4	OF	21
PROJECTION:	LA SOUTH		
GEO. DATUM:	NAD83   VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

### LOCATION MAP

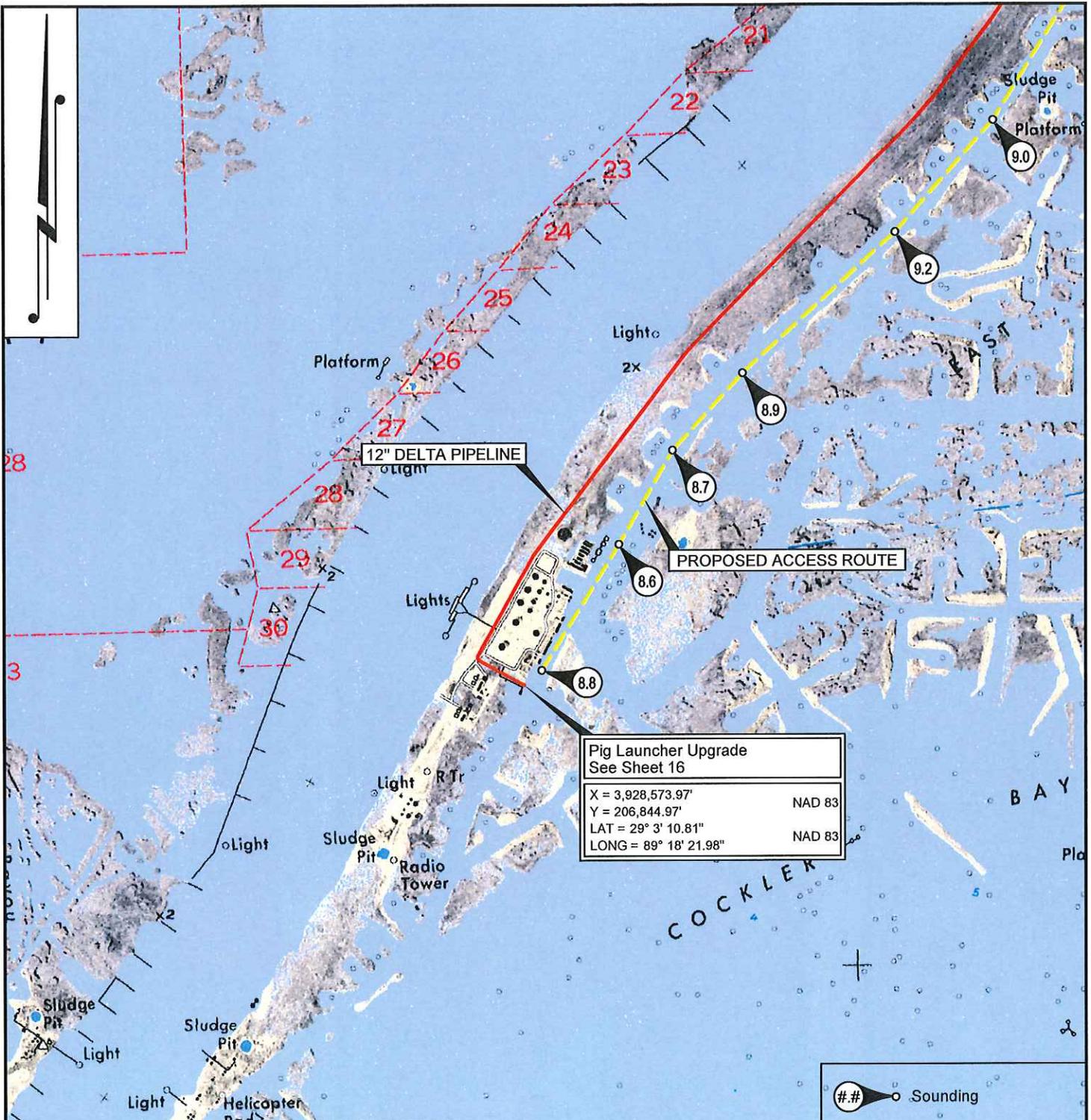
**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA



**T. BAKER SMITH** 1913  
 A CENTURY OF SOLUTIONS 2013  
 412 South Van Ave., Houma, LA 70363  
 (985)868-1050 - tbsmith.com

REV. NO.:	01	REV. DATE:	3/5/14	REV. BY:	CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.					

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG



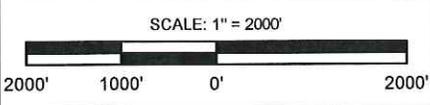
Pig Launcher Upgrade  
See Sheet 16

X = 3,928,573.97' NAD 83  
Y = 206,844.97' NAD 83  
LAT = 29° 3' 10.81" NAD 83  
LONG = 89° 18' 21.98" NAD 83

## Sounding  
Proposed Access Route

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DRAWN BY:	CJL	APPROVED BY:	CJR
DATE:	11/20/2013	JOB NO.:	2013.0859
DRAWING NAME:	20130859P01.DWG		
SHEET NO.:	5	OF	21
PROJECTION:	LA SOUTH		
GEO. DATUM:	NAD83   VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

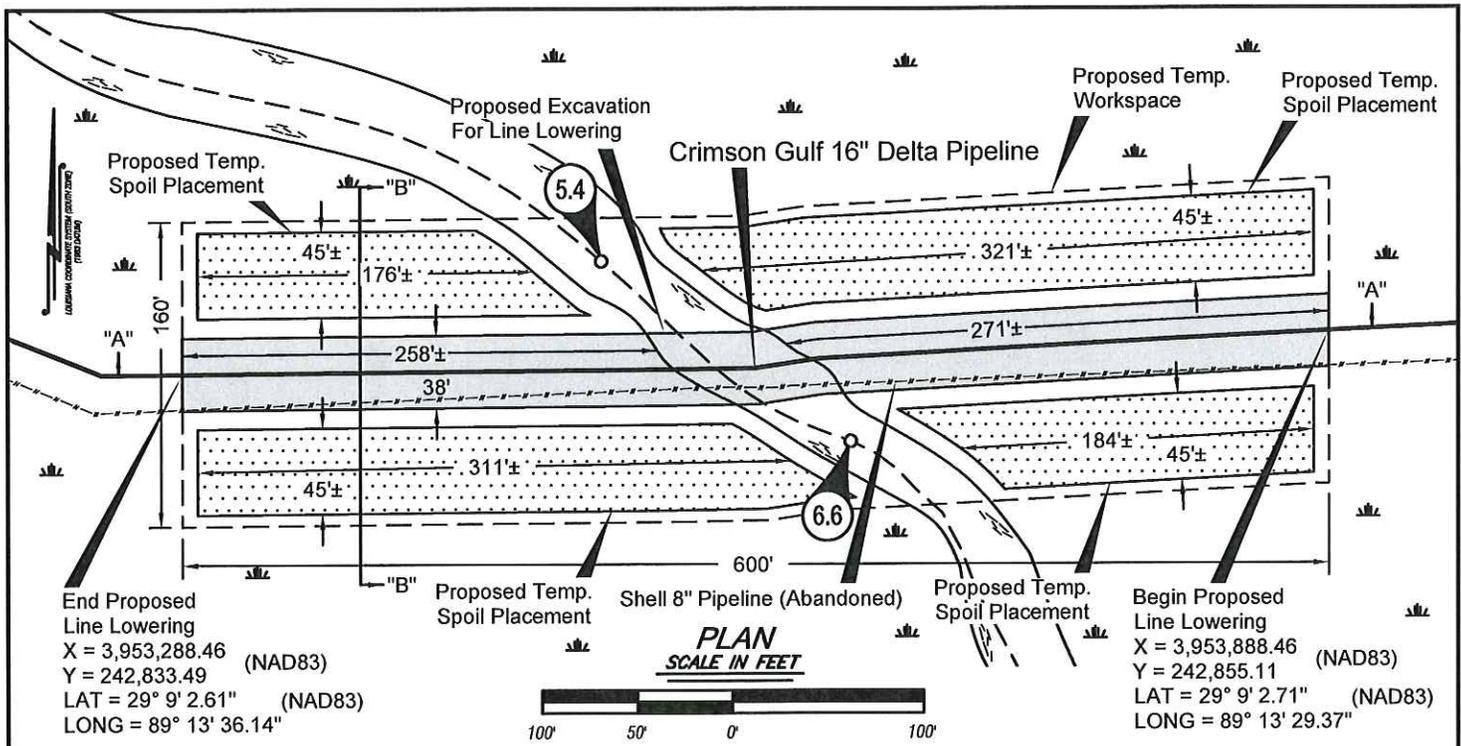



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REV. NO.:	01	REV. DATE:	3/5/14	REV. BY:	CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.					

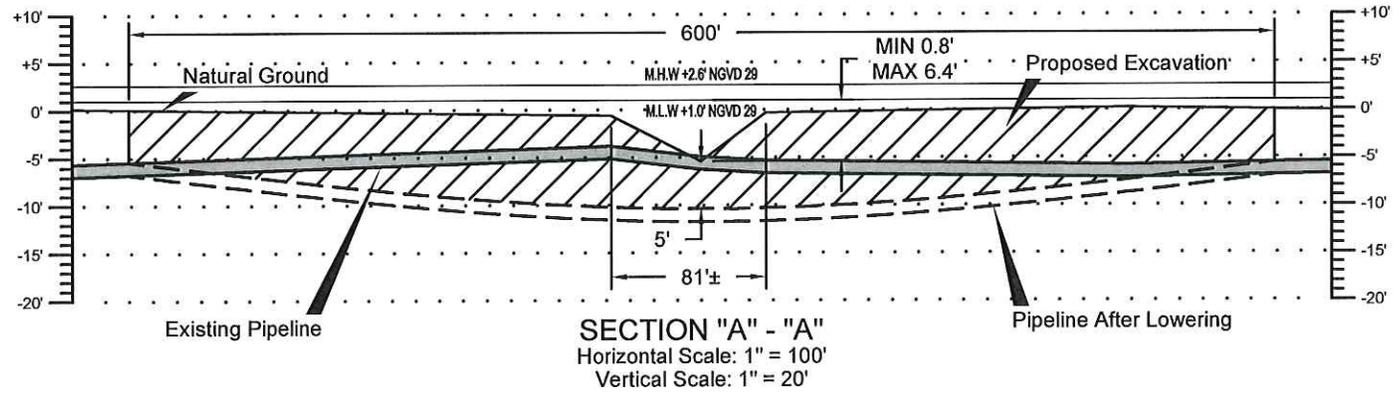
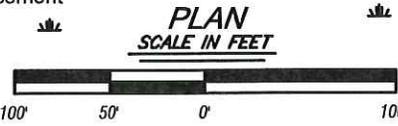
**LOCATION MAP**  
**CRIMSON GULF, LLC**  
PROPOSED PIPELINE LOWERING  
AND PIG LAUNCHER/RECEIVER UPGRADES  
CRIMSON GULF 16" & 12" DELTA PIPELINES  
LOCATED IN  
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3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG

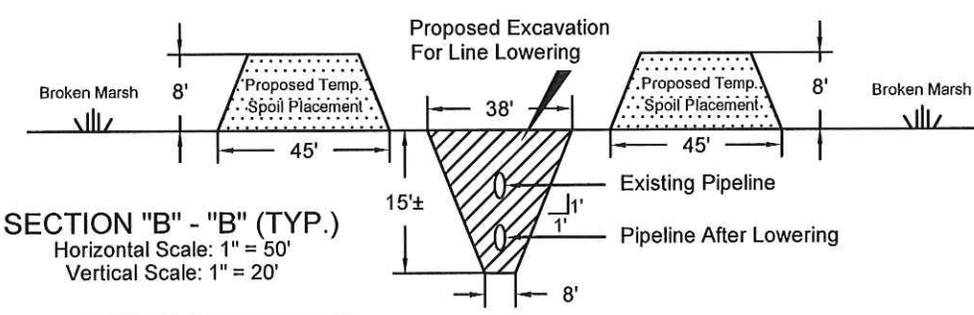


End Proposed Line Lowering  
 X = 3,953,288.46 (NAD83)  
 Y = 242,833.49 (NAD83)  
 LAT = 29° 9' 2.61" (NAD83)  
 LONG = 89° 13' 36.14"

Begin Proposed Line Lowering  
 X = 3,953,888.46 (NAD83)  
 Y = 242,855.11 (NAD83)  
 LAT = 29° 9' 2.71" (NAD83)  
 LONG = 89° 13' 29.37"



SECTION "A" - "A"  
 Horizontal Scale: 1" = 100'  
 Vertical Scale: 1" = 20'

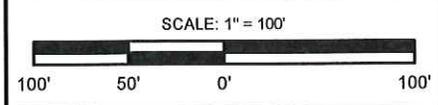


SECTION "B" - "B" (TYP.)  
 Horizontal Scale: 1" = 50'  
 Vertical Scale: 1" = 20'

Note: Some equipment may be staged in open water areas outside of the footprint depicted in the plan view. However, no impacts to water bottoms or wetlands are anticipated due to staging of equipment.

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

DRAWN BY:	CJL	APPROVED BY:	CJR
DATE:	11/20/2013	JOB NO.:	2013.0859
DRAWING NAME:	20130859P01.DWG		
SHEET NO.:	6	OF	21
PROJECTION:	LA SOUTH		
GEO. DATUM:	NAD83   VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		



## LOWERING LOCATION #1

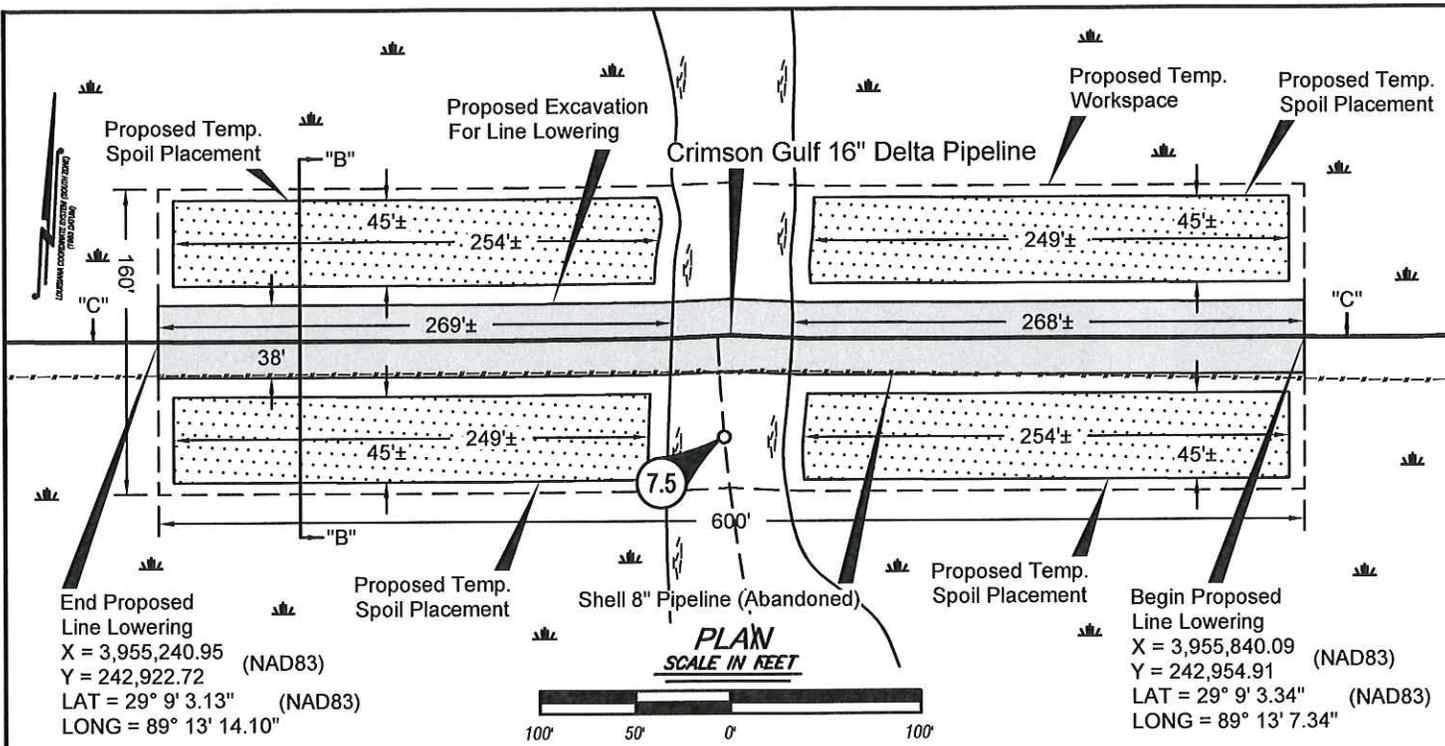
**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
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REV. NO.:	01	REV. DATE:	3/5/14	REV. BY:	CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.					

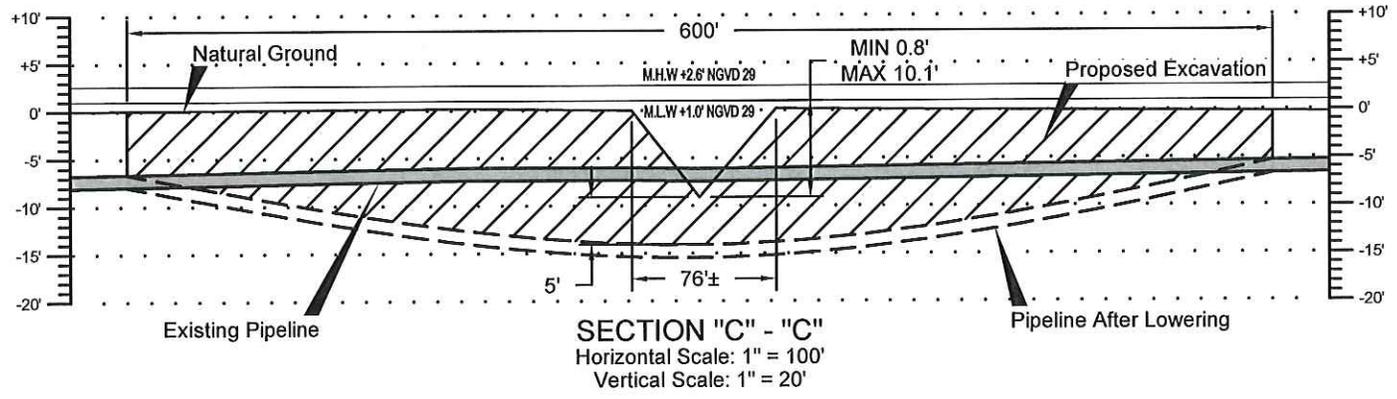
3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG



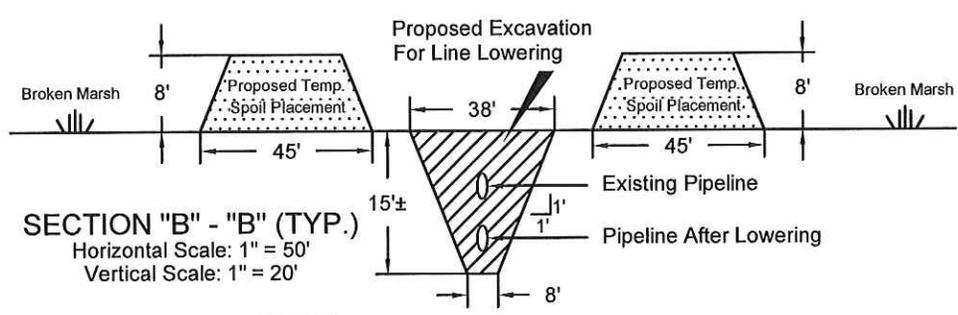
End Proposed Line Lowering  
 X = 3,955,240.95 (NAD83)  
 Y = 242,922.72 (NAD83)  
 LAT = 29° 9' 3.13" (NAD83)  
 LONG = 89° 13' 14.10"

Begin Proposed Line Lowering  
 X = 3,955,840.09 (NAD83)  
 Y = 242,954.91 (NAD83)  
 LAT = 29° 9' 3.34" (NAD83)  
 LONG = 89° 13' 7.34"

**PLAN**  
 SCALE IN FEET



**SECTION "C" - "C"**  
 Horizontal Scale: 1" = 100'  
 Vertical Scale: 1" = 20'

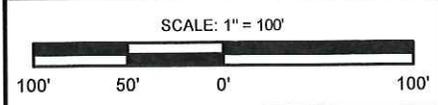


**SECTION "B" - "B" (TYP.)**  
 Horizontal Scale: 1" = 50'  
 Vertical Scale: 1" = 20'

**Note:** Some equipment may be staged in open water areas outside of the footprint depicted in the plan view. However, no impacts to water bottoms or wetlands are anticipated due to staging of equipment.

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

DRAWN BY: CJL	APPROVED BY: CJR
DATE: 11/20/2013	JOB NO: 2013.0859
DRAWING NAME: 20130859P01.DWG	
SHEET NO: 7 OF 21	
PROJECTION: LA SOUTH GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	



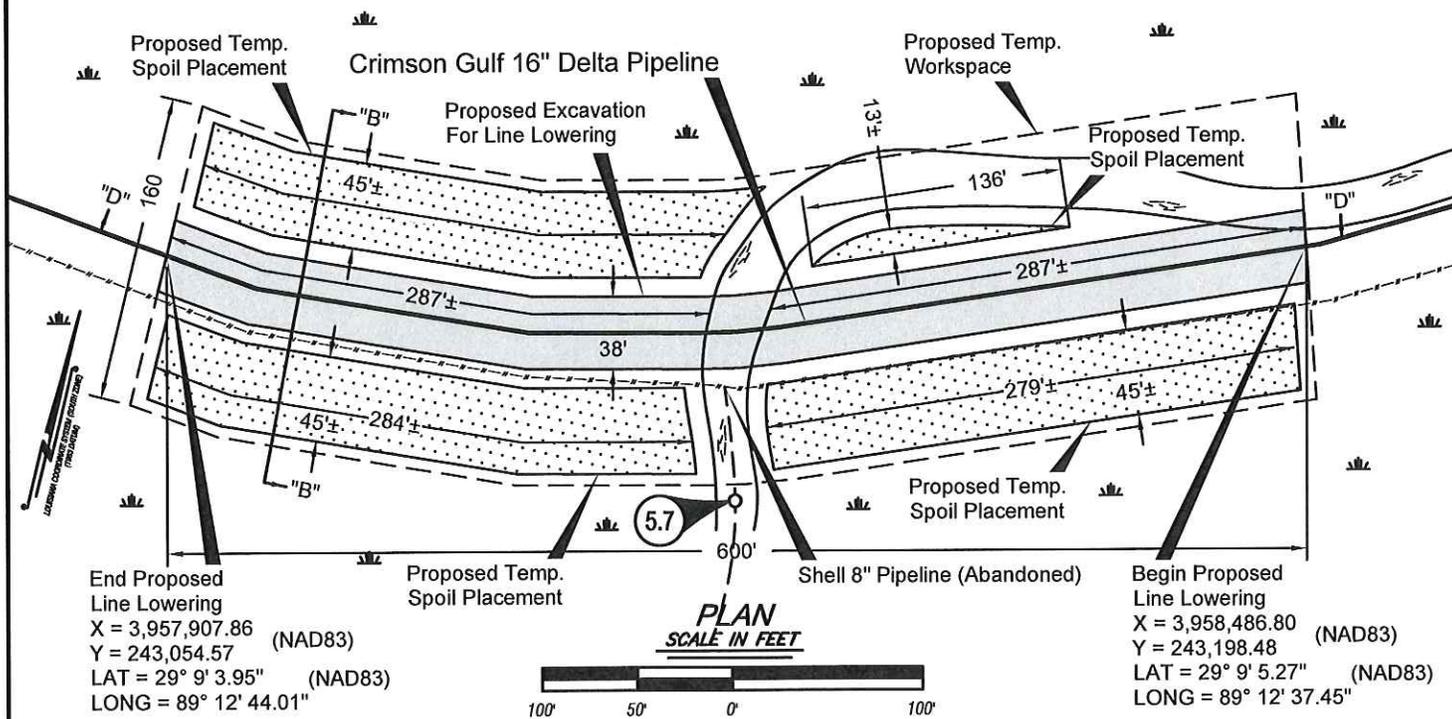
**LOWERING LOCATION #2**

**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA

**T. BAKER SMITH** 1913  
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 412 South Van Ave., Houma, LA 70363  
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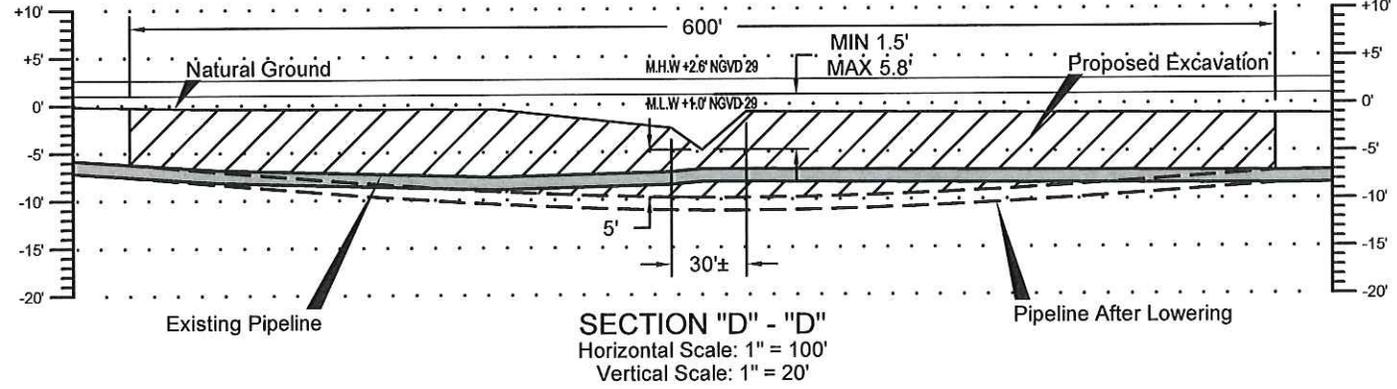
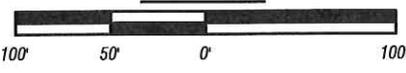
REV. NO: 01	REV. DATE: 3/5/14	REV. BY: CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.		

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG

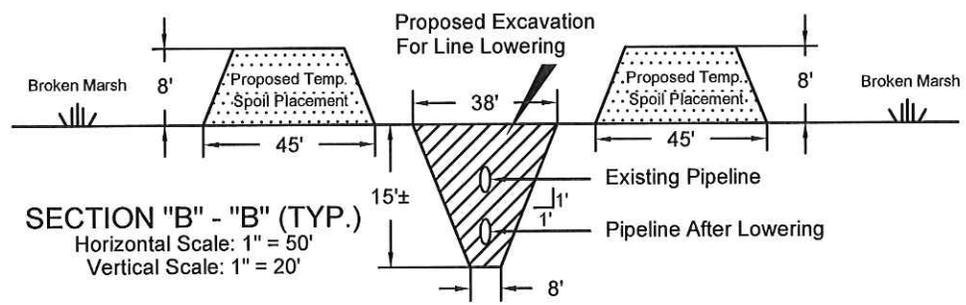


End Proposed Line Lowering  
 X = 3,957,907.86 (NAD83)  
 Y = 243,054.57  
 LAT = 29° 9' 3.95" (NAD83)  
 LONG = 89° 12' 44.01"

Begin Proposed Line Lowering  
 X = 3,958,486.80 (NAD83)  
 Y = 243,198.48  
 LAT = 29° 9' 5.27" (NAD83)  
 LONG = 89° 12' 37.45"



SECTION "D" - "D"  
 Horizontal Scale: 1" = 100'  
 Vertical Scale: 1" = 20'



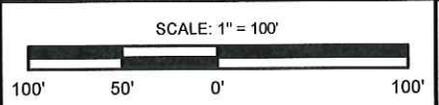
SECTION "B" - "B" (TYP.)  
 Horizontal Scale: 1" = 50'  
 Vertical Scale: 1" = 20'

Note: Some equipment may be staged in open water areas outside of the footprint depicted in the plan view. However, no impacts to water bottoms or wetlands are anticipated due to staging of equipment.

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DRAWN BY: CJL	APPROVED BY: CJR
DATE: 11/20/2013	JOB NO: 2013.0859
DRAWING NAME: 20130859P01.DWG	
SHEET NO: 8 OF 21	
PROJECTION: LA SOUTH GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

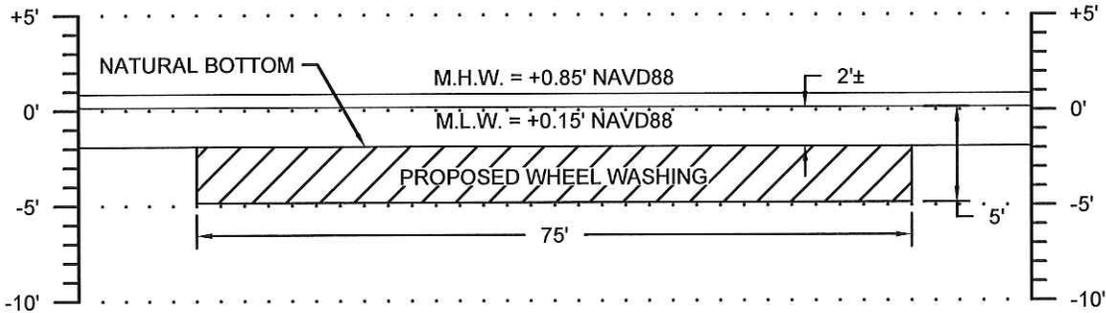
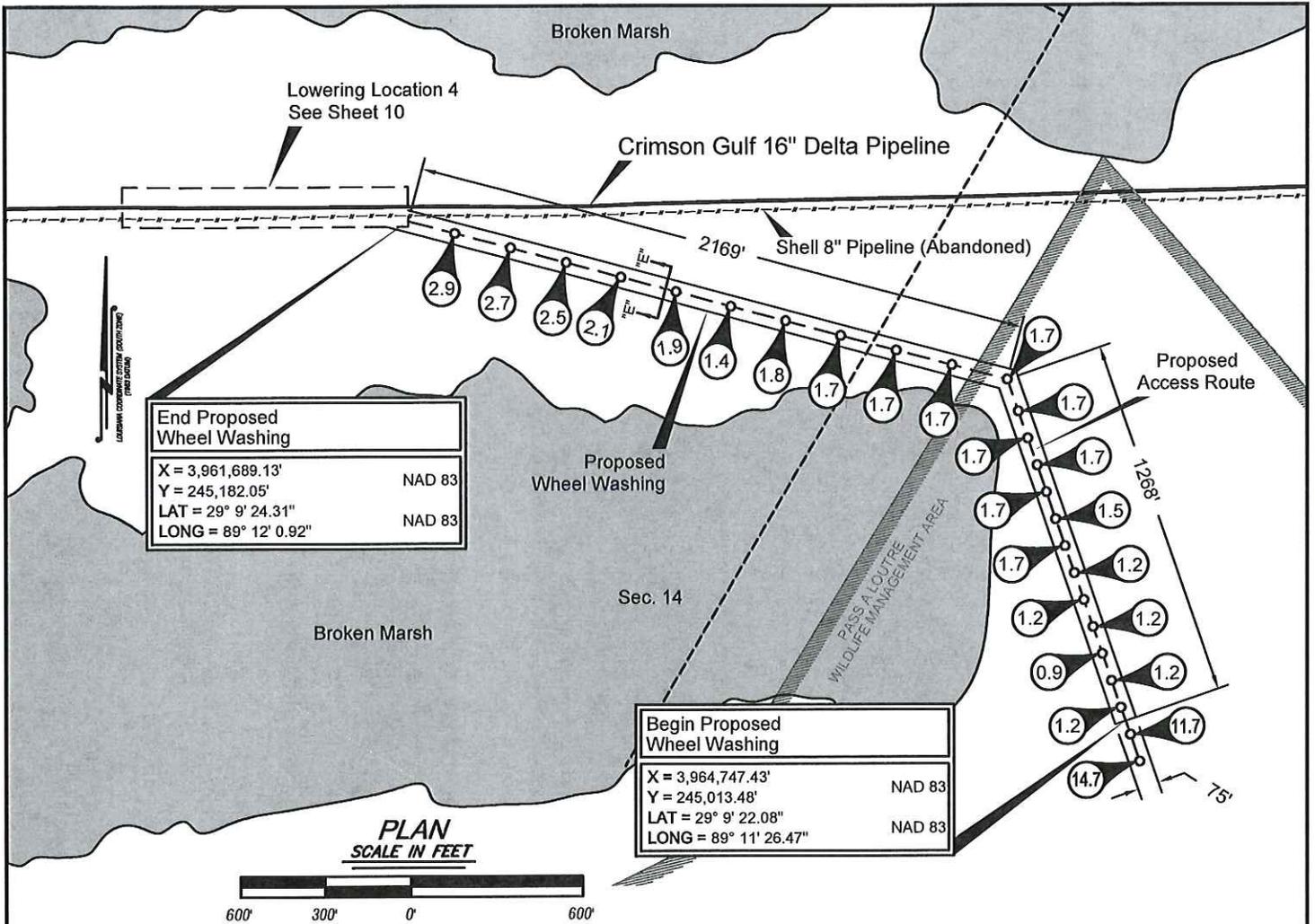
**LOWERING LOCATION #3**  
**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA



**T. BAKER SMITH** 1913  
 A CENTURY OF SOLUTIONS 2013  
 412 South Van Ave., Houma, LA 70363  
 (985)808-1050 - tbsmith.com

REV. NO: 01	REV. DATE: 3/5/14	REV. BY: CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.		

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG

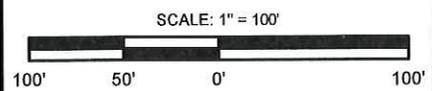


SECTION "E" - "E"  
 Horizontal Scale: 1" = 20'  
 Vertical Scale: 1" = 10'

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DRAWN BY: CJL	APPROVED BY: CJR
DATE: 11/20/2013	JOB NO: 2013.0859
DRAWING NAME: 20130859P01.DWG	
SHEET NO: 9 OF 21	
PROJECTION: LA SOUTH GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

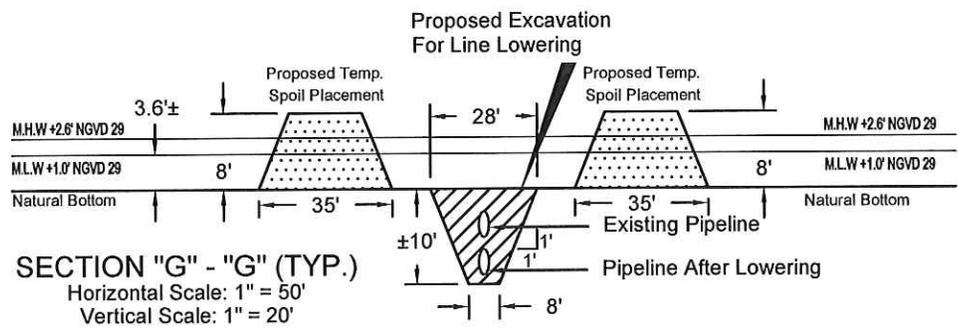
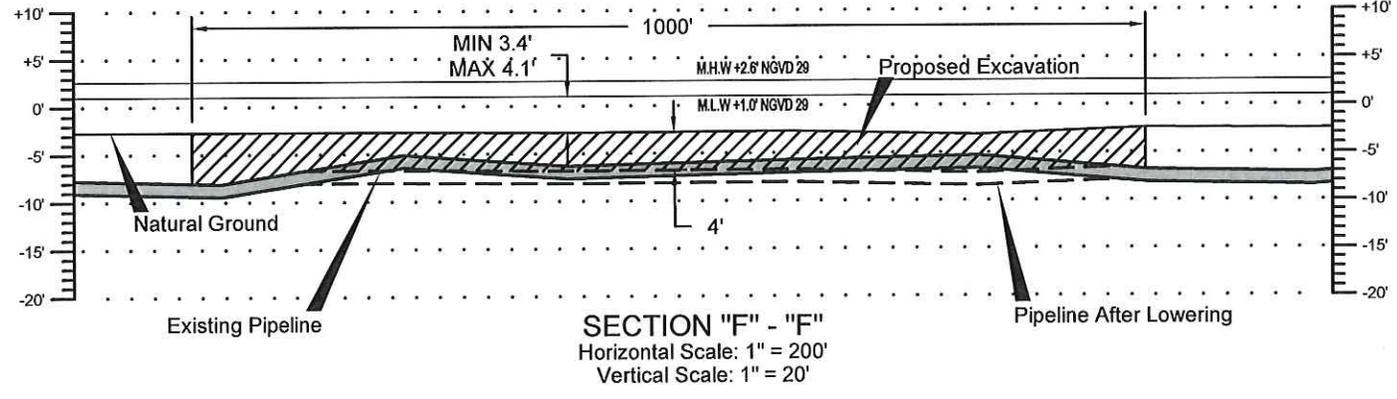
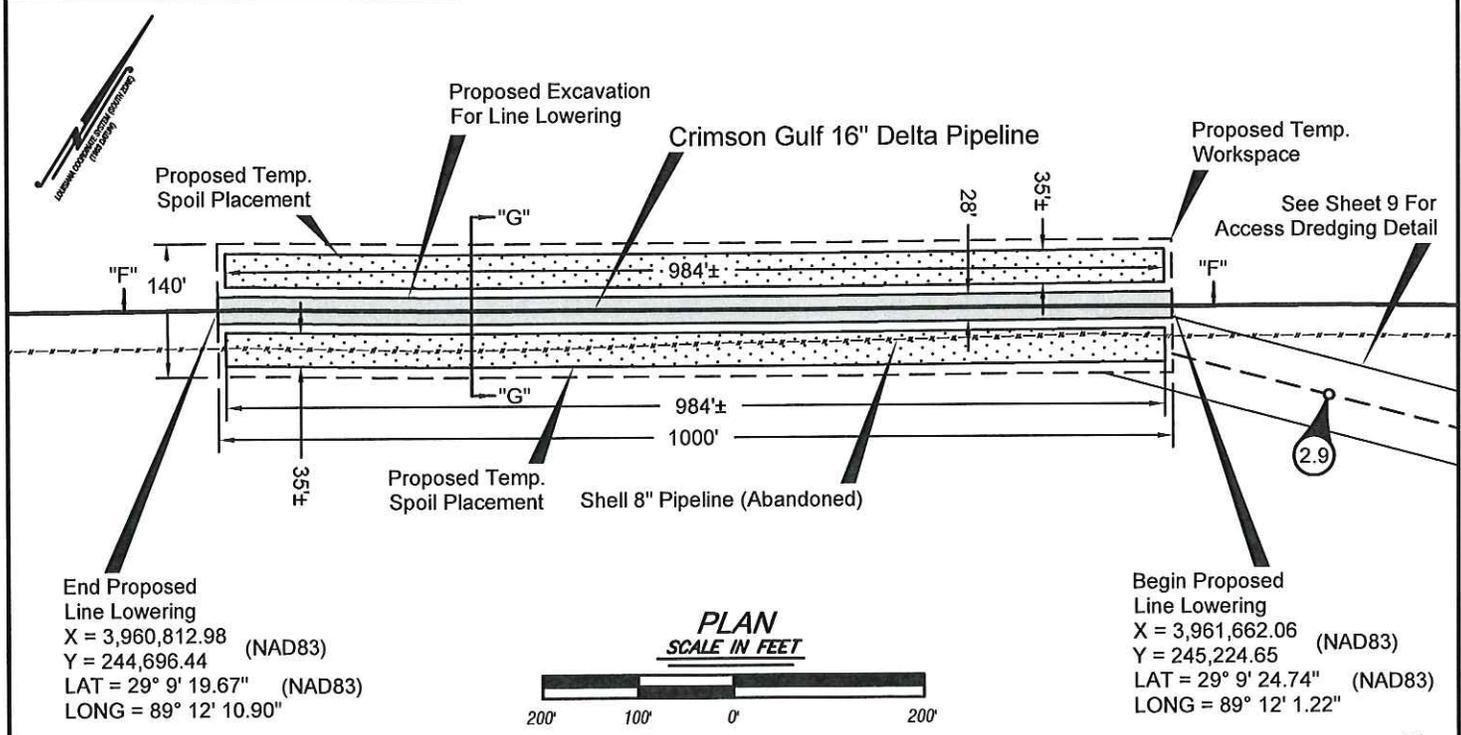
**WHEEL WASHING TO LOCATION #4**  
**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA



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 412 South Van Ave., Houma, LA 70363  
 (985)868-1050 - tbsmith.com

REV. NO: 01	REV. DATE: 3/5/14	REV. BY: CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.		

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG

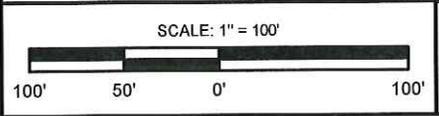


Note: Some equipment may be staged in open water areas outside of the footprint depicted in the plan view. However, no impacts to water bottoms or wetlands are anticipated due to staging of equipment.

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

DRAWN BY: CJL	APPROVED BY: CJR
DATE: 11/20/2013	JOB NO: 2013.0859
DRAWING NAME: 20130859P01.DWG	
SHEET NO: 10 OF 21	
PROJECTION: LA SOUTH GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

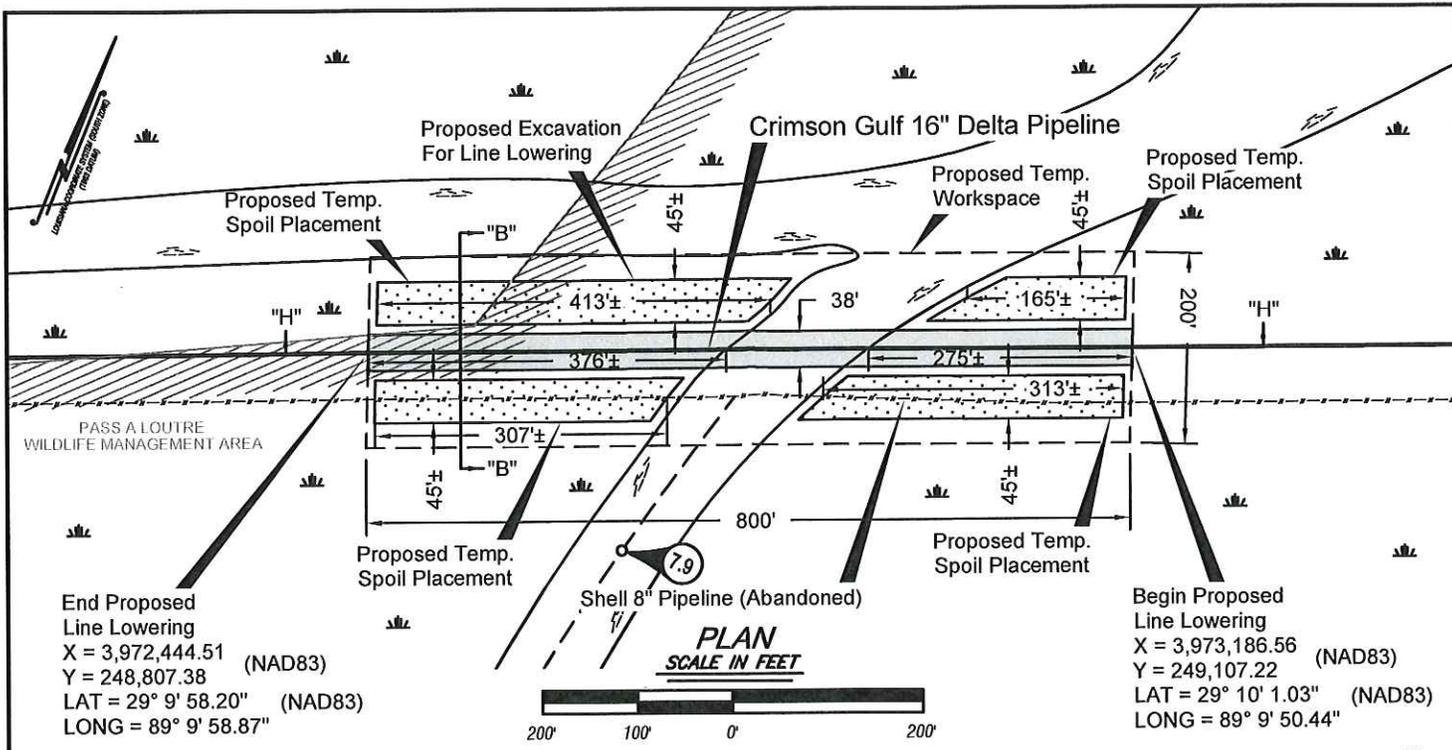
**LOWERING LOCATION #4**  
**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA



**T. BAKER SMITH** 1913  
 A CENTURY OF SOLUTIONS 2013  
 412 South Van Ave. Houma, LA 70363  
 (985)888-1050 - tbsmith.com

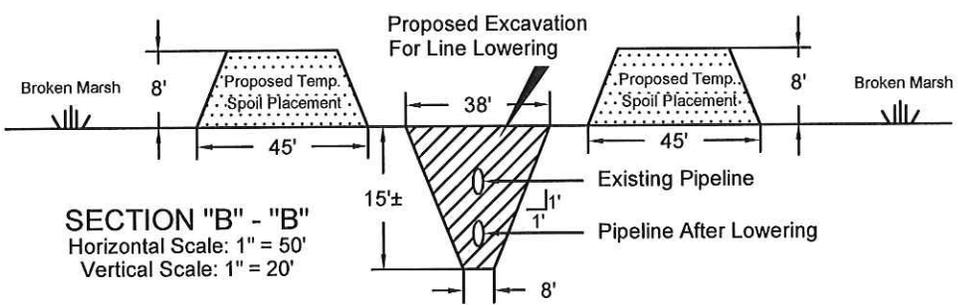
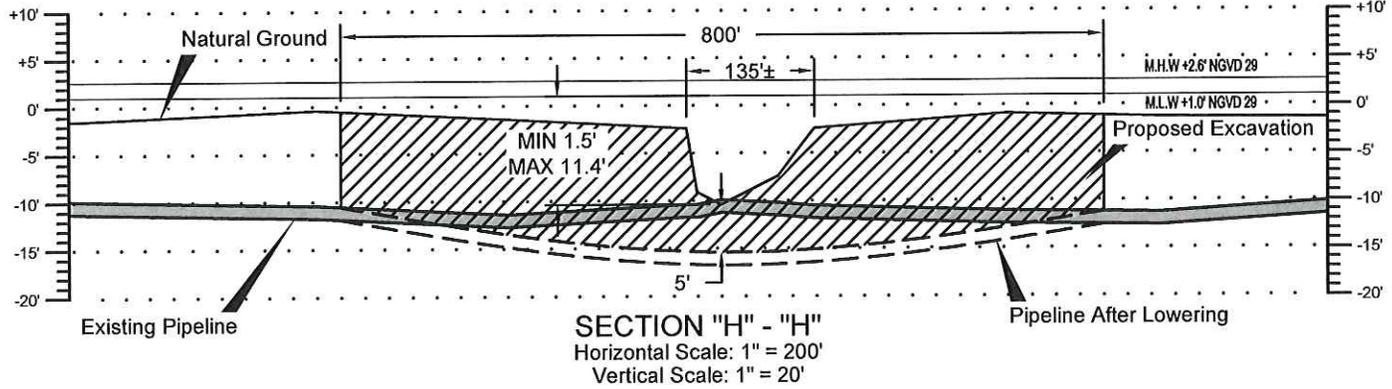
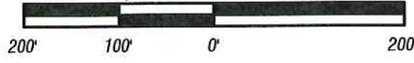
REV. NO: 01	REV. DATE: 3/5/14	REV. BY: CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.		

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG



End Proposed Line Lowering  
 X = 3,972,444.51 (NAD83)  
 Y = 248,807.38  
 LAT = 29° 9' 58.20" (NAD83)  
 LONG = 89° 9' 58.87"

Begin Proposed Line Lowering  
 X = 3,973,186.56 (NAD83)  
 Y = 249,107.22 (NAD83)  
 LAT = 29° 10' 1.03" (NAD83)  
 LONG = 89° 9' 50.44"

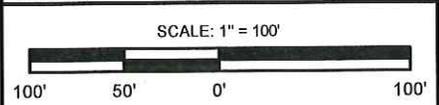


Note: Some equipment may be staged in open water areas outside of the footprint depicted in the plan view. However, no impacts to water bottoms or wetlands are anticipated due to staging of equipment.

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

DRAWN BY: CJL	APPROVED BY: CJR
DATE: 11/20/2013	JOB NO: 2013.0859
DRAWING NAME: 20130859P01.DWG	
SHEET NO: 11 OF 21	
PROJECTION: LA SOUTH GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

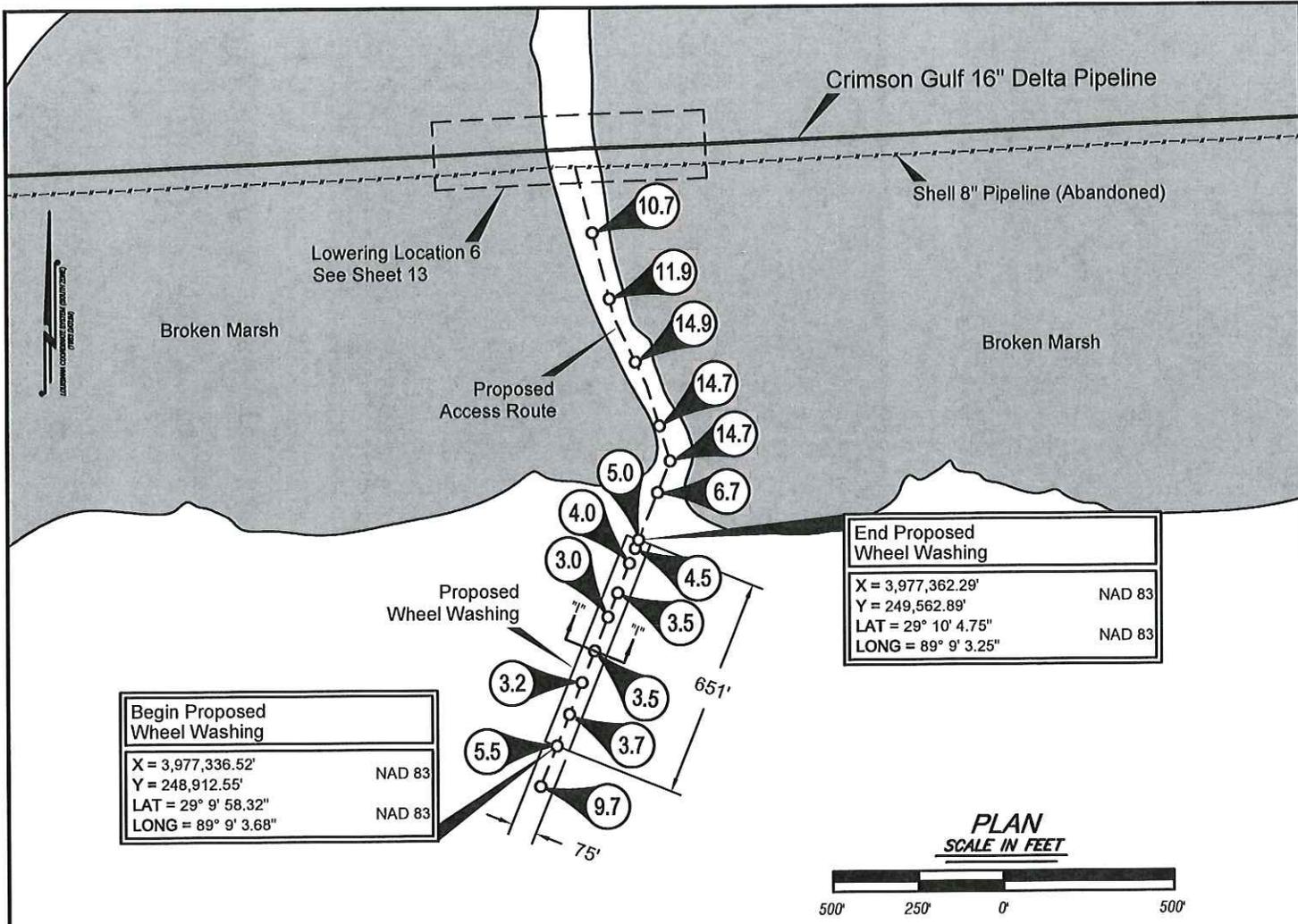
**LOWERING LOCATION #5**  
**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA



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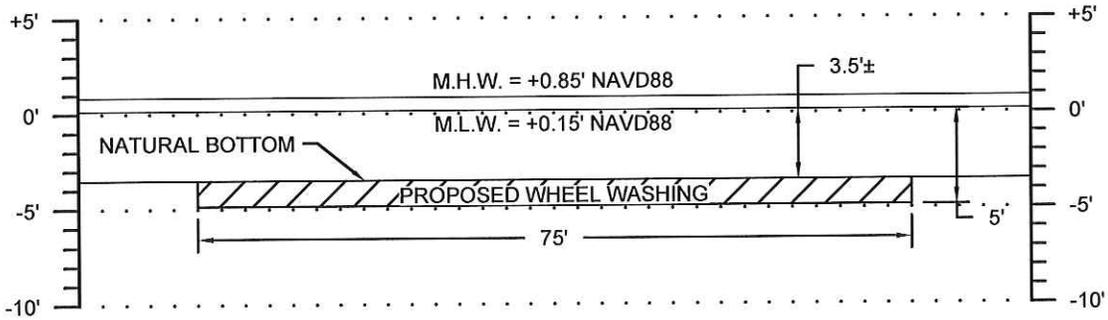
REV. NO: 01	REV. DATE: 3/5/14	REV. BY: CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.		

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG



Begin Proposed Wheel Washing	
X = 3,977,336.52'	NAD 83
Y = 248,912.55'	NAD 83
LAT = 29° 9' 58.32"	NAD 83
LONG = 89° 9' 3.68"	NAD 83

End Proposed Wheel Washing	
X = 3,977,362.29'	NAD 83
Y = 249,562.89'	NAD 83
LAT = 29° 10' 4.75"	NAD 83
LONG = 89° 9' 3.25"	NAD 83

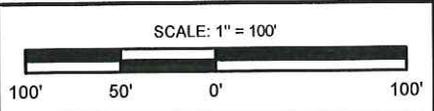


**SECTION "I" - "I"**  
Horizontal Scale: 1" = 20'  
Vertical Scale: 1" = 10'

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

DRAWN BY: CJL	APPROVED BY: CJR
DATE: 11/20/2013	JOB NO: 2013.0859
DRAWING NAME: 20130859P01.DWG	
SHEET NO: 12 OF 21	
PROJECTION: LA SOUTH GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

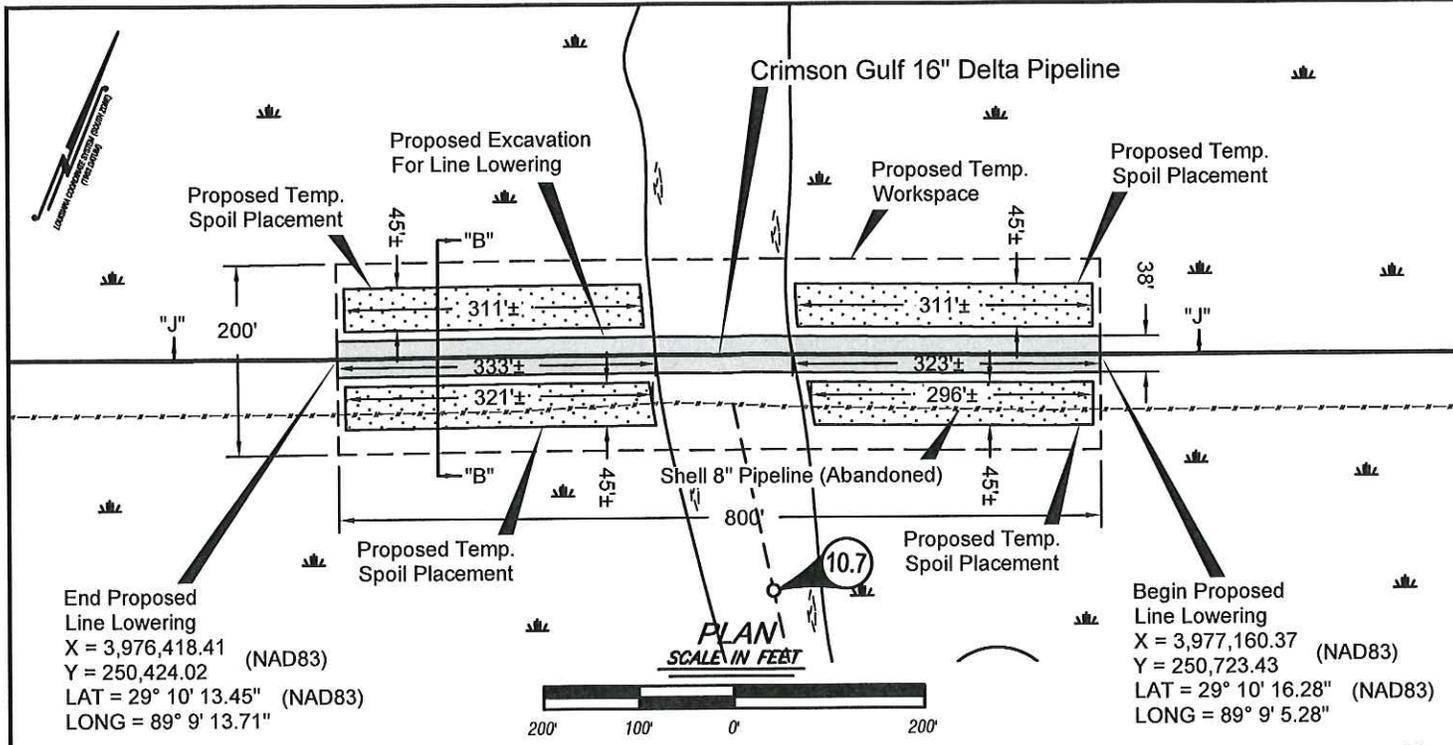
**WHEEL WASHING TO LOCATION #6**  
**CRIMSON GULF, LLC**  
PROPOSED PIPELINE LOWERING  
AND PIG LAUNCHER/RECEIVER UPGRADES  
CRIMSON GULF 16" & 12" DELTA PIPELINES  
LOCATED IN  
PLAQUEMINES PARISH, LOUISIANA



**T. BAKER SMITH** 1913  
A CENTURY OF SOLUTIONS 2013  
412 South Van Ave., Houma, LA 70363  
(985)868-1050 - tbsmith.com

REV. NO: 01	REV. DATE: 3/5/14	REV. BY: CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.		

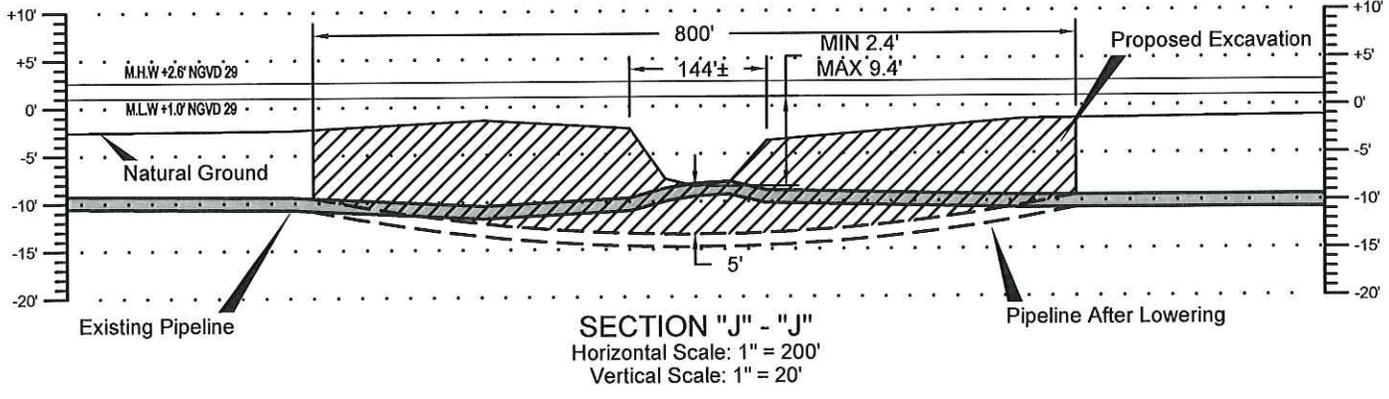
3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG



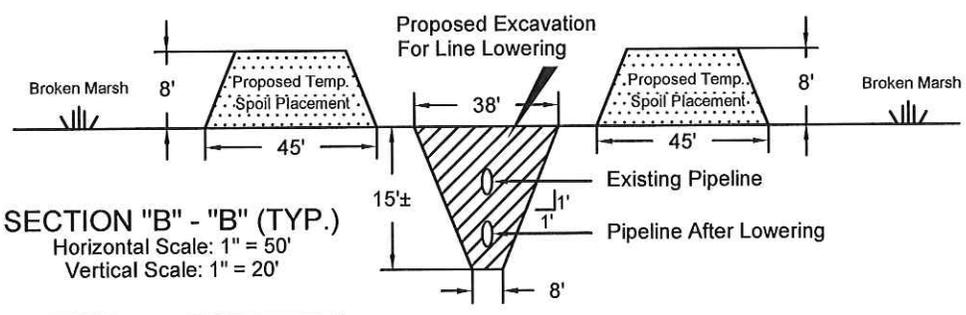
End Proposed Line Lowering  
 X = 3,976,418.41 (NAD83)  
 Y = 250,424.02 (NAD83)  
 LAT = 29° 10' 13.45" (NAD83)  
 LONG = 89° 9' 13.71"

Begin Proposed Line Lowering  
 X = 3,977,160.37 (NAD83)  
 Y = 250,723.43 (NAD83)  
 LAT = 29° 10' 16.28" (NAD83)  
 LONG = 89° 9' 5.28"

PLAN  
 SCALE IN FEET



SECTION "J" - "J"  
 Horizontal Scale: 1" = 200'  
 Vertical Scale: 1" = 20'



SECTION "B" - "B" (TYP.)  
 Horizontal Scale: 1" = 50'  
 Vertical Scale: 1" = 20'

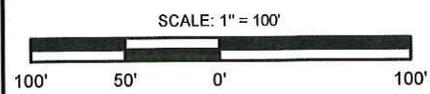
Note: Some equipment may be staged in open water areas outside of the footprint depicted in the plan view. However, no impacts to water bottoms or wetlands are anticipated due to staging of equipment.

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

DRAWN BY: CJL	APPROVED BY: CJR
DATE: 11/20/2013	JOB NO: 2013.0859
DRAWING NAME: 20130859P01.DWG	
SHEET NO: 13 OF 21	
PROJECTION: LA SOUTH GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

LOWERING LOCATION #6

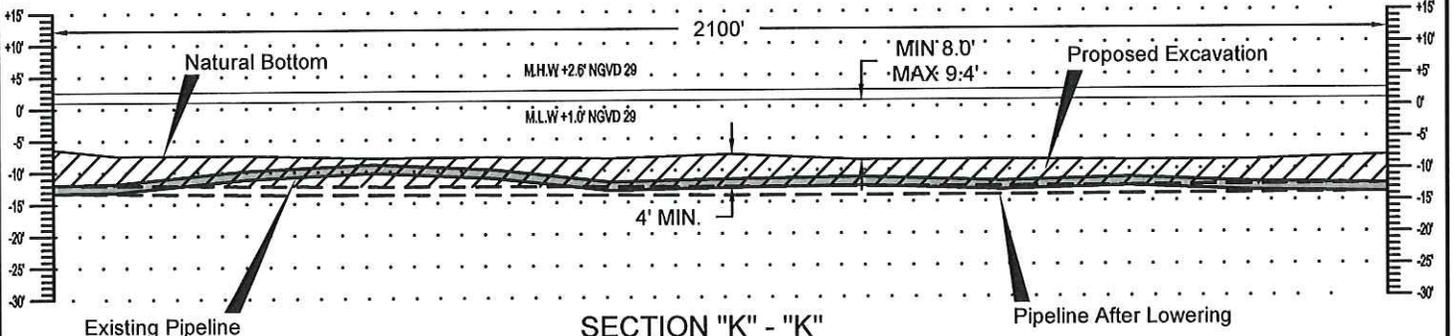
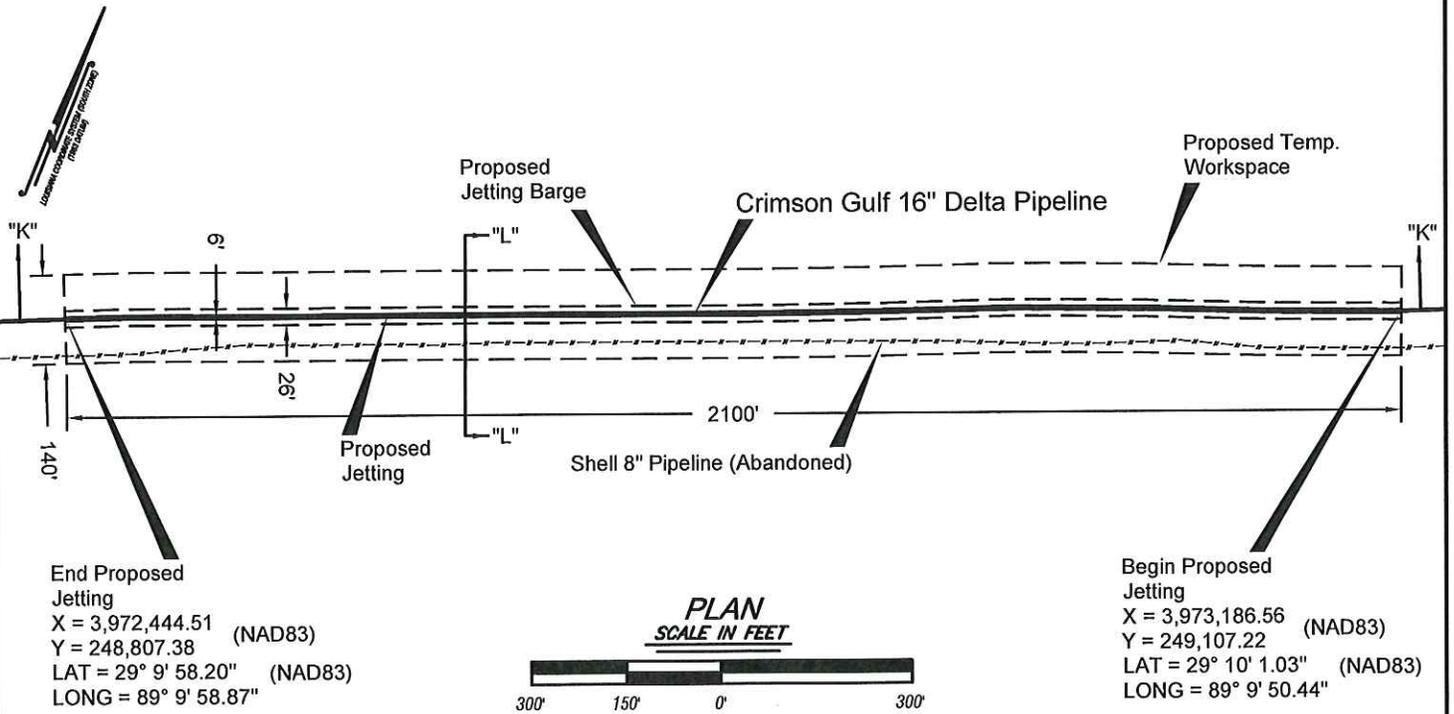
CRIMSON GULF, LLC  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA



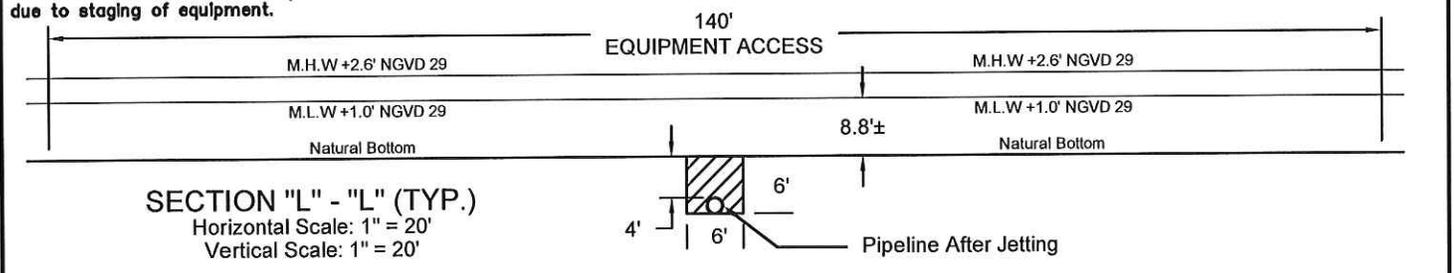
**T. BAKER SMITH** 1913  
 A CENTURY OF SOLUTIONS 2013  
 412 South Van Ave., Houma, LA 70363  
 (985)868-1050 - tbsmith.com

REV. NO: 01	REV. DATE: 3/5/14	REV. BY: CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.		

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG



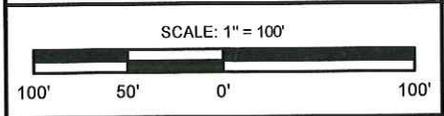
Note: Some equipment may be staged in open water areas outside of the footprint depicted in the plan view. However, no impacts to water bottoms or wetlands are anticipated due to staging of equipment.



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

DRAWN BY: CJL	APPROVED BY: CJR
DATE: 11/20/2013	JOB NO: 2013.0859
DRAWING NAME: 20130859P01.DWG	
SHEET NO: 14 OF 21	
PROJECTION: LA SOUTH GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

**LOWERING LOCATION #7**  
**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA

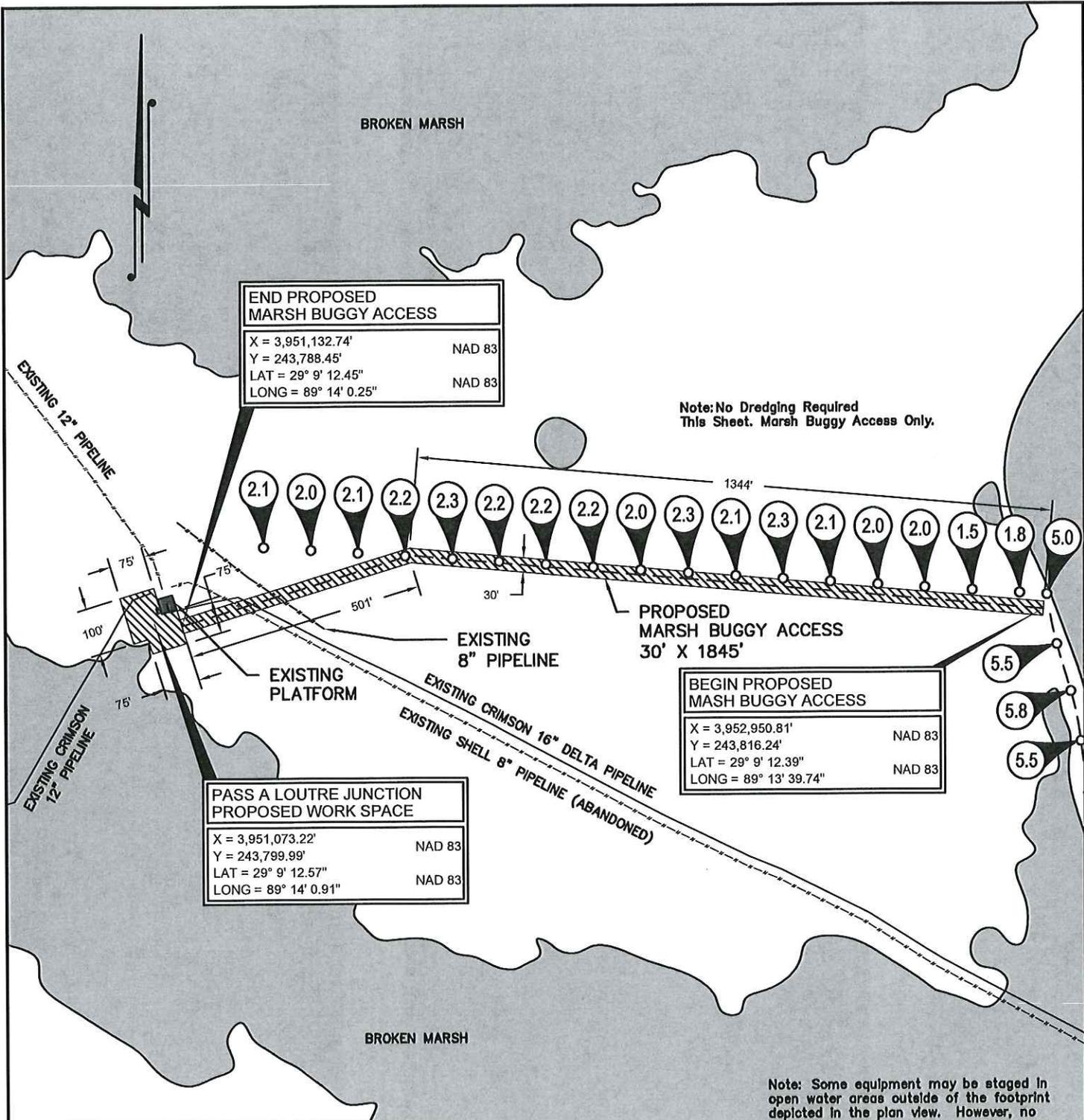


**T. BAKER SMITH** 1913  
 A CENTURY OF SOLUTIONS 2013  
 412 South Van Ave., Houma, LA 70363  
 (985)868-1050 - tbsmith.com

REV. NO: 01	REV. DATE: 3/5/14	REV. BY: CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.		

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG



Note: No Dredging Required This Sheet. Marsh Buggy Access Only.

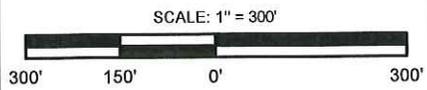
Note: Some equipment may be staged in open water areas outside of the footprint depicted in the plan view. However, no impacts to water bottoms or wetlands are anticipated due to staging of equipment.

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

DRAWN BY:	CJL	APPROVED BY:	CJR
DATE:	11/20/2013	JOB NO.:	2013.0859
DRAWING NAME:	20130859P01.DWG		
SHEET NO.:	15	OF	21
PROJECTION:	LA SOUTH		
GEO. DATUM:	NAD83   VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

### PASS A LOUTRE JUNCTION VALVE STATION

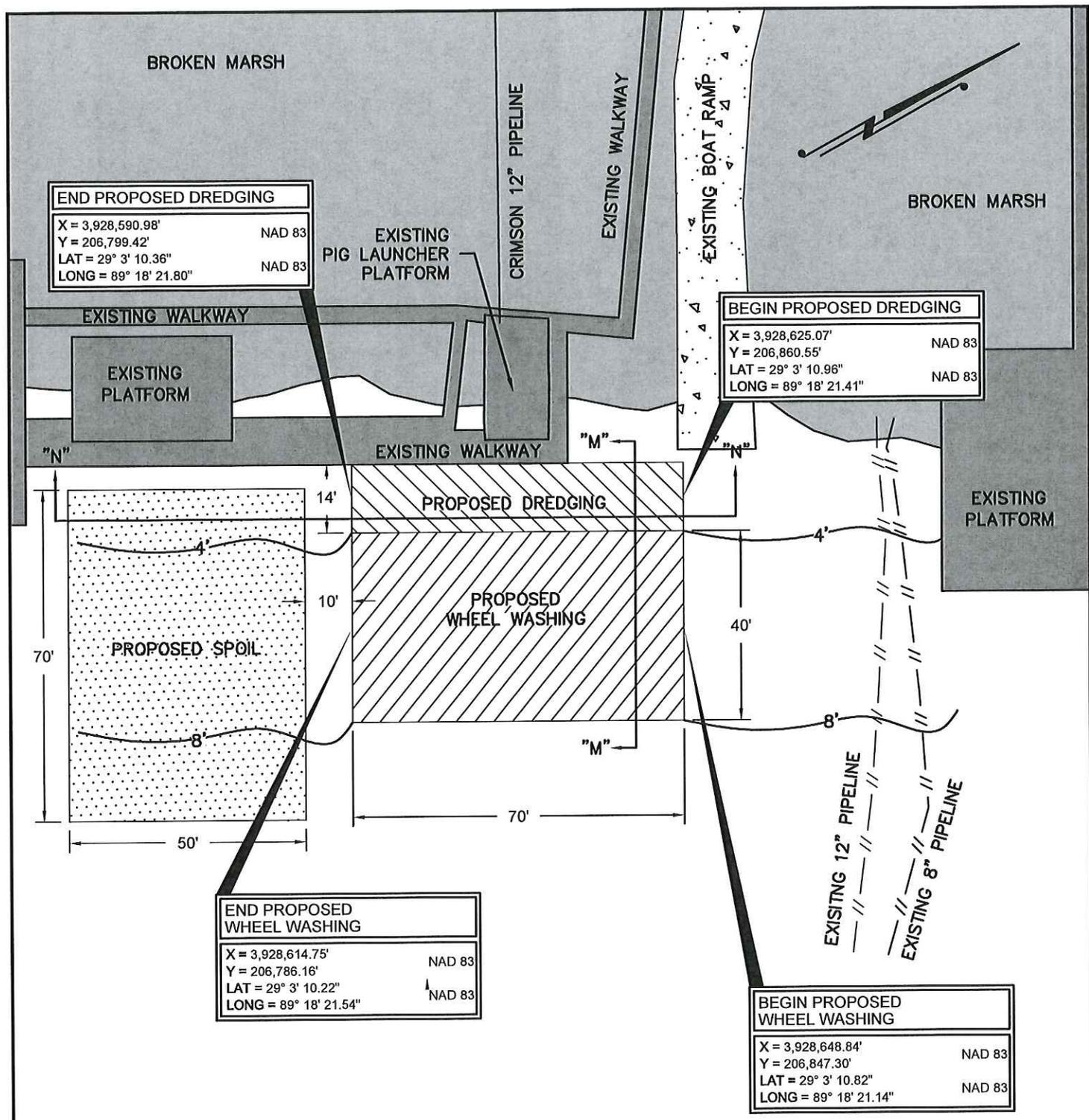
**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA



**T. BAKER SMITH** 1913  
 A CENTURY OF SOLUTIONS 2013  
 412 South Van Ave., Houma, LA 70363  
 (985)868-1050 - tbsmith.com

REV. NO.:	01	REV. DATE:	3/5/14	REV. BY:	CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.					

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG



**END PROPOSED DREDGING**  
 X = 3,928,590.98' NAD 83  
 Y = 206,799.42' NAD 83  
 LAT = 29° 3' 10.36" NAD 83  
 LONG = 89° 18' 21.80" NAD 83

**BEGIN PROPOSED DREDGING**  
 X = 3,928,625.07' NAD 83  
 Y = 206,860.55' NAD 83  
 LAT = 29° 3' 10.96" NAD 83  
 LONG = 89° 18' 21.41" NAD 83

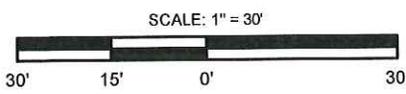
**END PROPOSED WHEEL WASHING**  
 X = 3,928,614.75' NAD 83  
 Y = 206,786.16' NAD 83  
 LAT = 29° 3' 10.22" NAD 83  
 LONG = 89° 18' 21.54" NAD 83

**BEGIN PROPOSED WHEEL WASHING**  
 X = 3,928,648.84' NAD 83  
 Y = 206,847.30' NAD 83  
 LAT = 29° 3' 10.82" NAD 83  
 LONG = 89° 18' 21.14" NAD 83

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

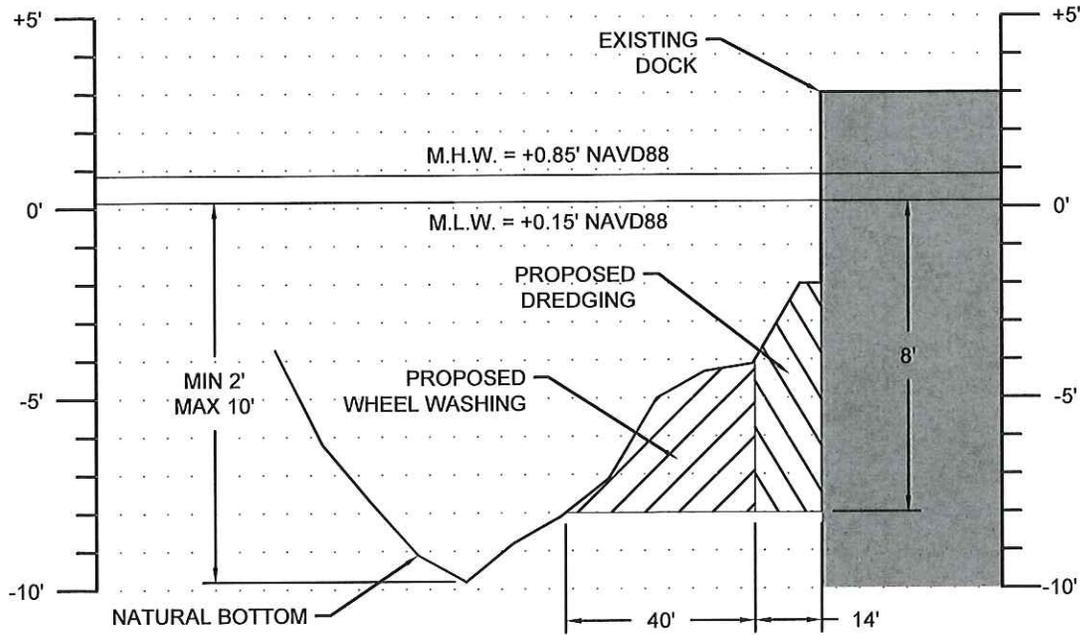
DRAWN BY:	CJL	APPROVED BY:	CJR
DATE:	11/20/2013	JOB NO:	2013.0859
DRAWING NAME:	20130859P01.DWG		
SHEET NO:	16	OF	21
PROJECTION:	LA SOUTH		
GEO. DATUM:	NAD83   VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

**SOUTH WEST PASS STATION**  
**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA

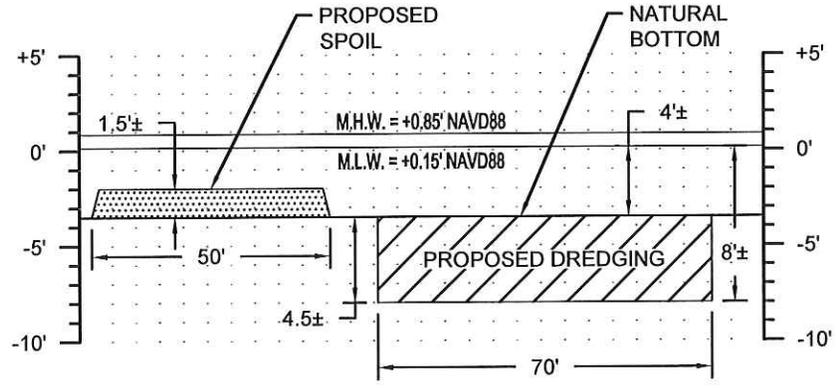


**T.BAKER SMITH** 1913  
 A CENTURY OF SOLUTIONS  
 412 South Van Ave., Houma, LA 70363  
 (985)868-1050 - tbsmith.com

REV. NO:	01	REV. DATE:	3/5/14	REV. BY:	CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.					



**SECTION "M" - "M"**  
 Horizontal Scale: 1" = 40'  
 Vertical Scale: 1" = 5'

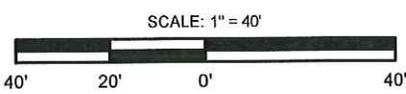


**SECTION "N" - "N"**  
 Horizontal Scale: 1" = 40'  
 Vertical Scale: 1" = 10'

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

DRAWN BY: CJL	APPROVED BY: CJR
DATE: 11/20/2013	JOB NO: 2013.0859
DRAWING NAME: 20130859P01.DWG	
SHEET NO: 17 OF 21	
PROJECTION: LA SOUTH GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

**SECTION "M" - "M" & "N" - "N"**  
**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA

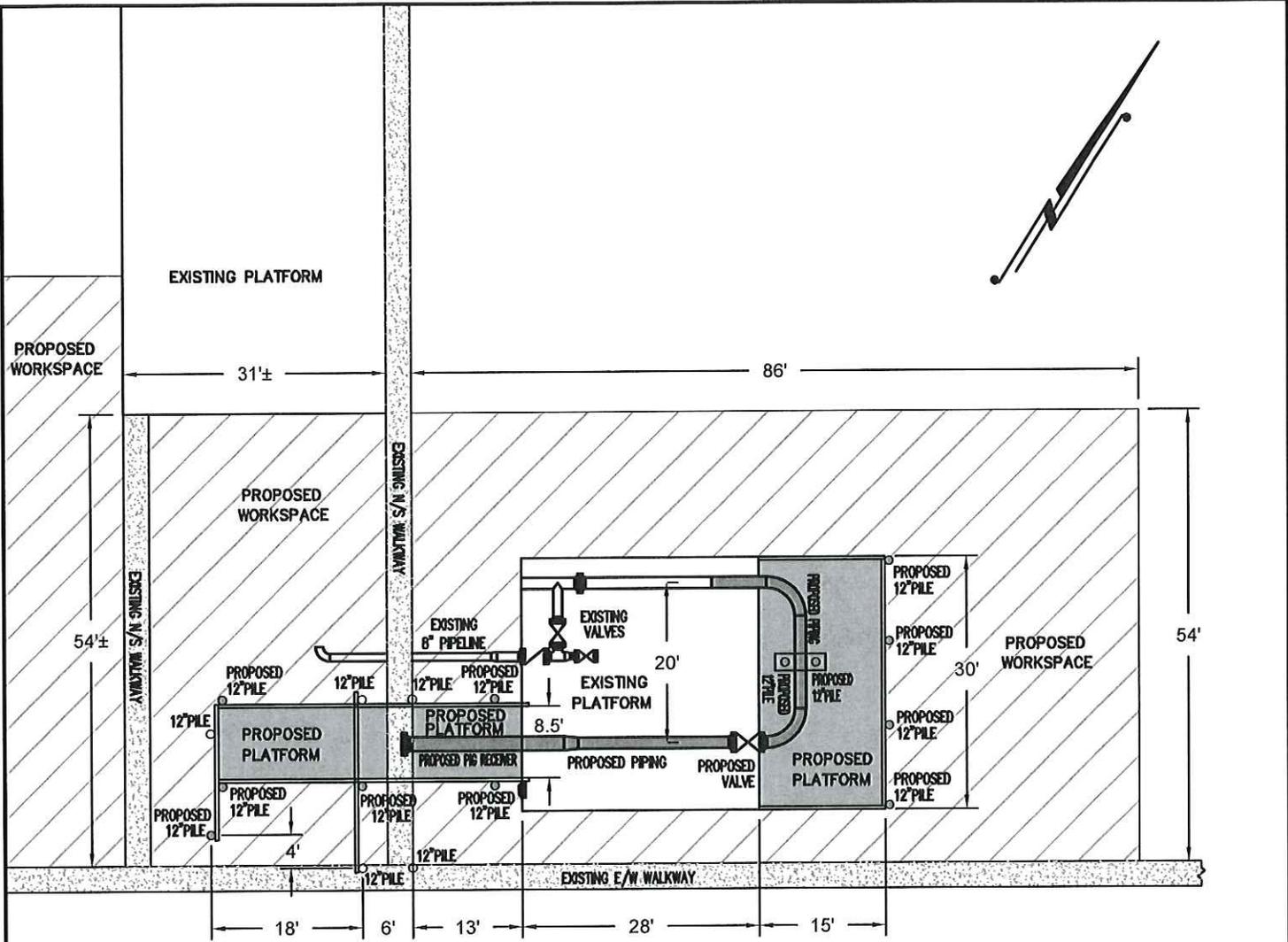


**T. BAKER SMITH** 1913  
 A CENTURY OF SOLUTIONS 2013  
 412 South Van Ave., Houma, LA 70363  
 (985)868-1050 - tbsmith.com

REV. NO: 01	REV. DATE: 3/5/14	REV. BY: CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.		

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG



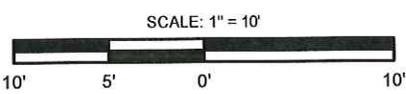


- PROPOSED PILE
- EXISTING PILE
- ▬ PROPOSED PIPING
- ▬ EXISTING PIPING
- PROPOSED PLATFORM
- EXISTING PLATFORM
- ▨ PROPOSED WORKSPACE

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

DRAWN BY: CJL	APPROVED BY: CJR
DATE: 11/20/2013	JOB NO: 2013.0859
DRAWING NAME: 20130859P01.DWG	
SHEET NO: 19 OF 21	
PROJECTION: LA SOUTH GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

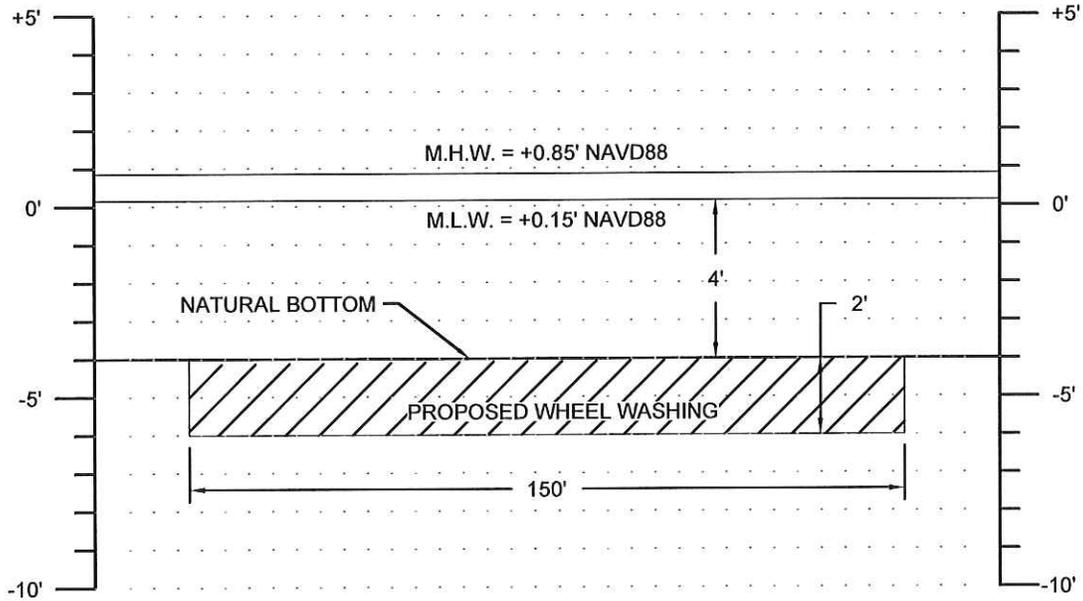
**MAIN PASS STATION PIG LAUNCHER PLATFORM**  
**CRIMSON GULF, LLC**  
 PROPOSED PIPELINE LOWERING  
 AND PIG LAUNCHER/RECEIVER UPGRADES  
 CRIMSON GULF 16" & 12" DELTA PIPELINES  
 LOCATED IN  
 PLAQUEMINES PARISH, LOUISIANA



**T. BAKER SMITH** 1913  
 A CENTURY OF SOLUTIONS 2013  
 412 South Van Ave, Houma, LA 70363  
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REV. NO: 01	REV. DATE: 3/5/14	REV. BY: CJL
REVISION DESCRIPTION: Addition of access routes and wheel washing.		

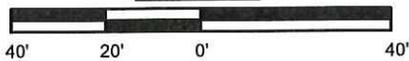
3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG



**SECTION "O" - "O"**

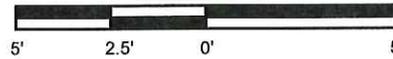
**HORIZONTAL**

SCALE IN FEET



**VERTICAL**

SCALE IN FEET



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

DRAWN BY: CJL		APPROVED BY: CJR		<b>SECTION "O" - "O"</b> <b>CRIMSON GULF, LLC</b> PROPOSED PIPELINE LOWERING AND PIG LAUNCHER/RECEIVER UPGRADES CRIMSON GULF 16" & 12" DELTA PIPELINES LOCATED IN PLAQUEMINES PARISH, LOUISIANA	
DATE: 11/20/2013		JOB NO: 2013.0859			
DRAWING NAME: 20130859P01.DWG					
SHEET NO: 20 OF 21					
PROJECTION: LA SOUTH GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET				REV. NO: 01   REV. DATE: 3/5/14   REV. BY: CJL REVISION DESCRIPTION: Addition of access routes and wheel washing.	
SCALE: 1" = 40' 		<b>T. BAKER SMITH</b> 1913 A CENTURY OF SOLUTIONS 2013 412 South Van Ave, Houma, LA 70363 (985)868-1050 - tbsmith.com			

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG

**NOTES:**

**APPROXIMATE IMPACTS OF EXCAVATION ACTIVITIES:**

MARSH LAND: 26,337 CU YRDS, 2.58 ACRES

NON-VEGETATED WATER BOTTOM: 47,720 CU YRDS, 9.30 ACRES

**APPROXIMATE IMPACTS OF FILL AREAS:**

MARSH LAND: 29,695 CU YRDS, 8.37 ACRES

NON-VEGETATED WATER BOTTOM: 44,362 CU YRDS, 1.66 ACRES

**APPROXIMATE FILL MATERIAL:**

NATIVE MATERIAL: 74,057 CU YRDS

APPROXIMATELY 1.74 ACRES OF WATER BOTTOM TO BE IMPACTED DUE TO MARSH BUGGY ACCESS.

APPROXIMATELY 0.60 ACRES OF MARSH LAND TO BE IMPACTED DUE TO MARSH BUGGY ACCESS.

IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITEE 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.

THE PERMITEE SHALL ALSO CONTACT OTHER GOVERNMENTAL ENTITIES THAT MAY HAVE OPTED OUT OF THE ONE CALL PROGRAM. THESE GOVERNMENTAL ENTITIES MAY HAVE OPERATIONS LOCATED IN THE AREA OF THIS PROJECT.

ALL STRUCTURES WILL BE MARKED AND LIGHTED IN ACCORDANCE WITH U.S. COAST GUARD REGULATIONS.

**EQUIPMENT LIST:**

120'x36'x7' SPUD BARGE WITH 4 CU YRDS, 125 TON/120' BOOM CRANE AND QUARTERS FOR CREW, 4' DRAFT.

120'x34'x6' SPUD BARGE WITH OPEN DECK, TRANSPORT MARSH BUGGY BACKHOES, 3' DRAFT.

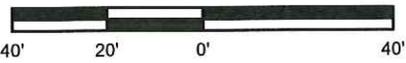
TUG BOAT: 600 H.P TWIN SCREW 55'x20'x7', 4.5' DRAFT'.

MARSH BUGGY BACKHOES: 1.5 CU YD CAPACITY – MOUNTED ON 30'x18'x5' MARSH CRAWLERS, 4' DRAFT.

CREWBOAT: 450 H.P. TWIN SCREW (OUTBOARD MOTORS) 38'x10'x5', 2.5' DRAFT.

WORK PONTOONS: 30'x10'x3', DIVERS GEAR SUPPORT, 1.5' DRAFT.

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

DRAWN BY: CJL		APPROVED BY: CJR		<b>NOTES</b>  <b>CRIMSON GULF, LLC</b> PROPOSED PIPELINE LOWERING AND PIG LAUNCHER/RECEIVER UPGRADES CRIMSON GULF 16" & 12" DELTA PIPELINES LOCATED IN PLAQUEMINES PARISH, LOUISIANA		
DATE: 11/20/2013		JOB NO: 2013.0859				
DRAWING NAME: 20130859P01.DWG						
SHEET NO: 21 OF 21						
PROJECTION: LA SOUTH GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET						
SCALE: 1" = 40'		 <b>T. BAKER SMITH</b> A CENTURY OF SOLUTIONS 412 South Van Ave, Houma, LA 70363 (985)868-1050 - tbsmith.com		REV. NO: 01	REV. DATE: 3/5/14	REV. BY: CJL
				REVISION DESCRIPTION: Addition of access routes and wheel washing.		

3/17/2014 - P:\Y-2013\2013.0859\DWG\20130859P01.DWG