

JOINT PUBLIC NOTICE

April 14, 2014

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

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

(504) 862-2041 FAX (504) 862-2117
robert.m.tewis2@usace.army.mil
Project Manager
Robert Tewis
Permit Application Number
MVN-2014-00357-ETT

(225) 219-3225;
Fax (225) 219-3156
Project Manager
Elizabeth Johnson
WQC Application Number
WQC-140328-02

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 (Corps) 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 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 AN ACCESS CHANNEL AND SLIP TO INSTALL A WELL AND APPURTENANT STRUCTURES ADJACENT TO SOUTHWEST PASS, PLAQUEMINES PARISH, LOUISIANA

NAME OF APPLICANT: Apache Corporation, c/o T. Baker Smith, LLC, Attention: Brian Briggs, 107 Global Circle, Lafayette, Louisiana, 70503.

LOCATION OF WORK: West side of Southwest Pass, at latitude: 29.04179, Longitude: -89.32838, in Plaquemines Parish, Louisiana.

CHARACTER OF WORK: Prop-wash/dredge an access channel and slip, to install a well and appurtenant structures. Approximately 53,286 cubic yards of native materials would be dredged from ± 0.09 acre of tidal marsh and ± 5.35 acres of non-vegetated tidal bottoms and discharged into ± 0.05 acre of tidal marsh and ± 8.47 acres of non-vegetated tidal bottoms adjacent to the dredged areas. Future maintenance dredging is proposed. The applicant proposes to compensate for unavoidable direct wetland impacts by paying into the Louisiana Department of Natural Resources, Office of Coastal Management In-Lieu Fee mitigation program.

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 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 receives approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

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.

The project site is located in a US Fish and Wildlife Service (FWS) designated West Indian manatee (*Trichechus manatus*) consultation zone, an Endangered Species Act (ESA) listed species. The applicant has agreed to comply with the FWS “Standard Manatee Conditions for In-Water Activities” during all in-water activity phases of the project. The Corps’ determination is that the project, as proposed, is “not likely to adversely affect” the manatee.

This notice initiates the EFH consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposal would result in temporary impacts to **±13.82** acres of EFH and permanent alterations to **±0.14 acre** of EFH utilized by various life stages of red drum, blue crab and penaeid shrimp. Our initial determination is that the proposed actions are not likely to adversely affect EFH and federally managed fisheries of 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 NMFS.

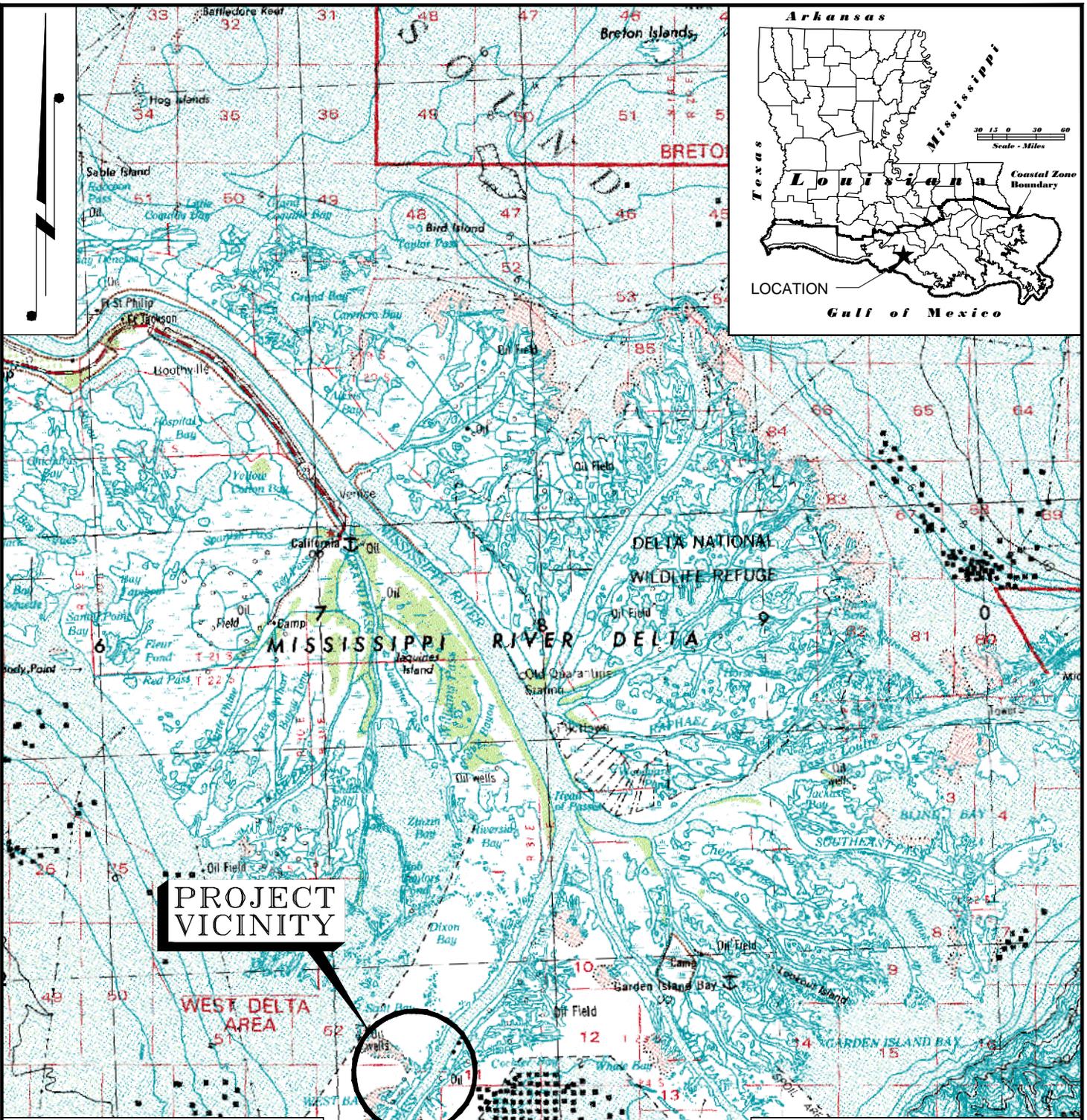
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not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

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
Regulatory Branch

Attachments



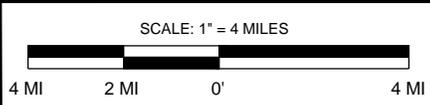
WORK AREA LOCATED APPROXIMATELY 16.4 MILES SOUTHEAST OF VENICE, LA.

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

DRAWN BY:	RRB	APPROVED BY:	JBB
DATE:	12/12/13	JOB NO.:	2013.0999
DRAWING NAME:	13.0999_C1_REV5.DWG		
SHEET NO.:	1	OF	11
PROJECTION:	LOUISIANA SOUTH		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

VICINITY MAP

APACHE CORPORATION
 PROPOSED LOCATION, CLEANOUT, & STRUCTURES
 TO SERVE THE SL 1924 NO. 24 WELL LOCATION
 SOUTH PASS 24 FIELD
 LOCATED IN T24S-R31E
 PLAQUEMINES PARISH, LOUISIANA



T. BAKER SMITH
 SOLUTIONS START HERE
 107 Global Circle, Lafayette, LA 70503
 (337) 735-2800 - tbsmith.com

REV. NO.:	5	REV. DATE:	02/20/14	REV. BY:	RRB
REVISION DESCRIPTION: REVISED PLATS PER OCM'S REQUEST					

2/20/2014 - P:\Y-2013\2013.0999\DWG\COE\REV 513.0999_C1_REV5.DWG

BEGIN SLIP CLEANOUT
 X = 3,921,367' NAD 83 (2011)
 Y = 202,620' NAD 83 (2011)
 LAT = 29° 2' 30.24" NAD 83 (2011)
 LONG = 89° 19' 44.00" NAD 83 (2011)

END ACCESS CLEANOUT
 X = 3,921,270' NAD 83 (2011)
 Y = 202,500' NAD 83 (2011)
 LAT = 29° 2' 29.08" NAD 83 (2011)
 LONG = 89° 19' 45.11" NAD 83 (2011)

**PROPOSED WELL LOCATION
 APACHE CORPORATION
 SL 1924 NO. 24 WELL**
 X = 3,921,531' NAD 83 (2011)
 Y = 202,642' NAD 83 (2011)
 LAT = 29° 2' 30.44" NAD 83 (2011)
 LONG = 89° 19' 42.15" NAD 83 (2011)
 X = 2,640,727' NAD 27
 Y = 141,938' NAD 27
 LAT = 29° 2' 29.61" NAD 27
 LONG = 89° 19' 41.98" NAD 27

END SLIP CLEANOUT
 X = 3,921,567' NAD 83 (2011)
 Y = 202,647' NAD 83 (2011)
 LAT = 29° 2' 30.48" NAD 83 (2011)
 LONG = 89° 19' 41.75" NAD 83 (2011)

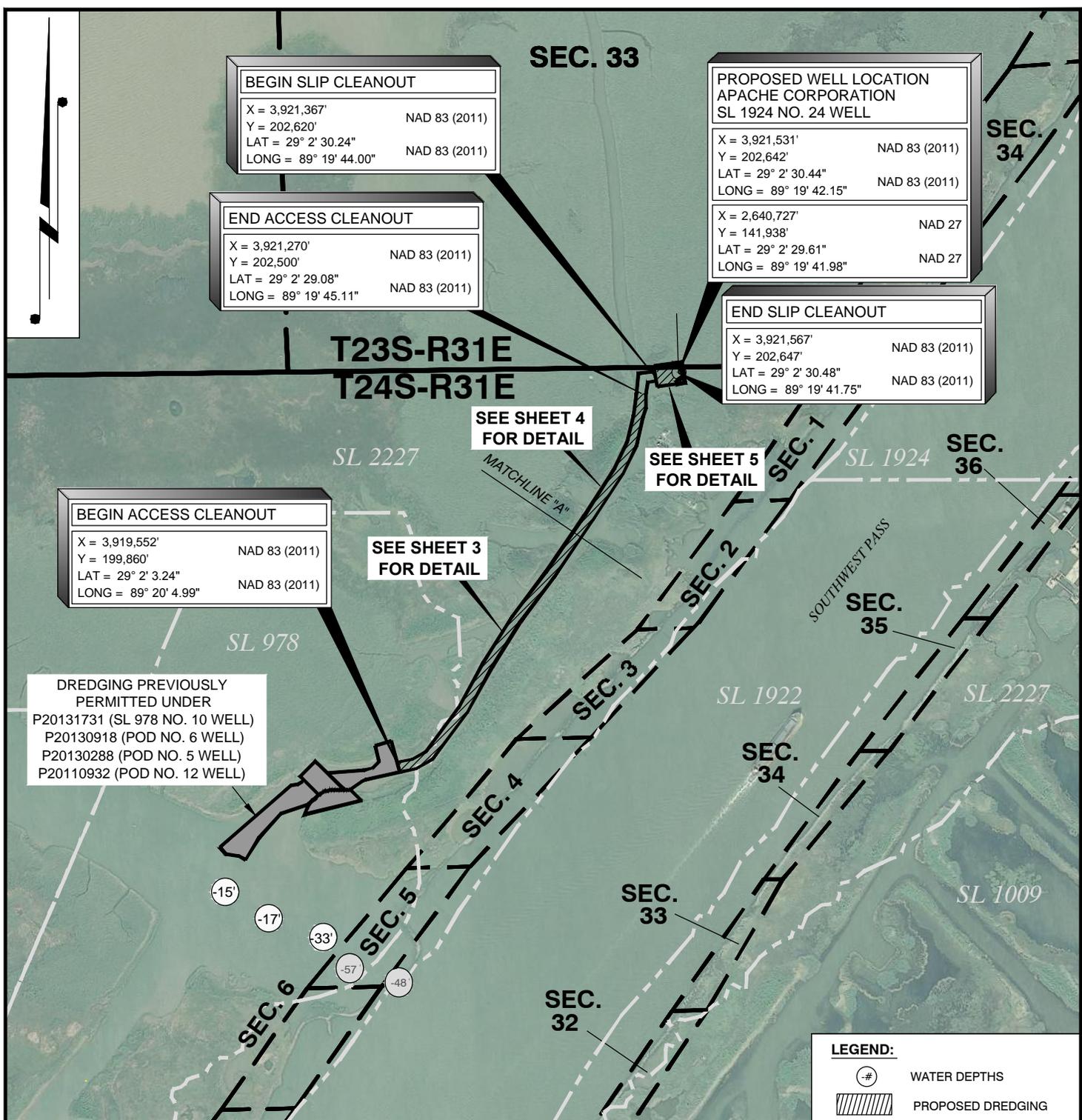
BEGIN ACCESS CLEANOUT
 X = 3,919,552' NAD 83 (2011)
 Y = 199,860' NAD 83 (2011)
 LAT = 29° 2' 3.24" NAD 83 (2011)
 LONG = 89° 20' 4.99" NAD 83 (2011)

**DREDGING PREVIOUSLY
 PERMITTED UNDER**
 P20131731 (SL 978 NO. 10 WELL)
 P20130918 (POD NO. 6 WELL)
 P20130288 (POD NO. 5 WELL)
 P20110932 (POD NO. 12 WELL)

SEE SHEET 4
FOR DETAIL

SEE SHEET 5
FOR DETAIL

SEE SHEET 3
FOR DETAIL



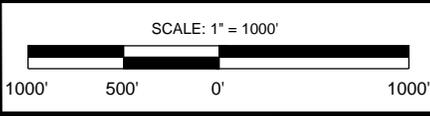
THIS DRAWING MAY NOT REPRESENT ALL HAZARDS
 IN PROJECT AREA.

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

DRAWN BY:	RRB	APPROVED BY:	JBB
DATE:	12/12/13	JOB NO:	2013.0999
DRAWING NAME:	13.0999_C2_REV5.DWG		
SHEET NO:	2	OF	11
PROJECTION:	LOUISIANA SOUTH		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

AREA MAP

APACHE CORPORATION
 PROPOSED LOCATION, CLEANOUT, & STRUCTURES
 TO SERVE THE SL 1924 NO. 24 WELL LOCATION
 SOUTH PASS 24 FIELD
 LOCATED IN T24S-R31E
 PLAQUEMINES PARISH, LOUISIANA

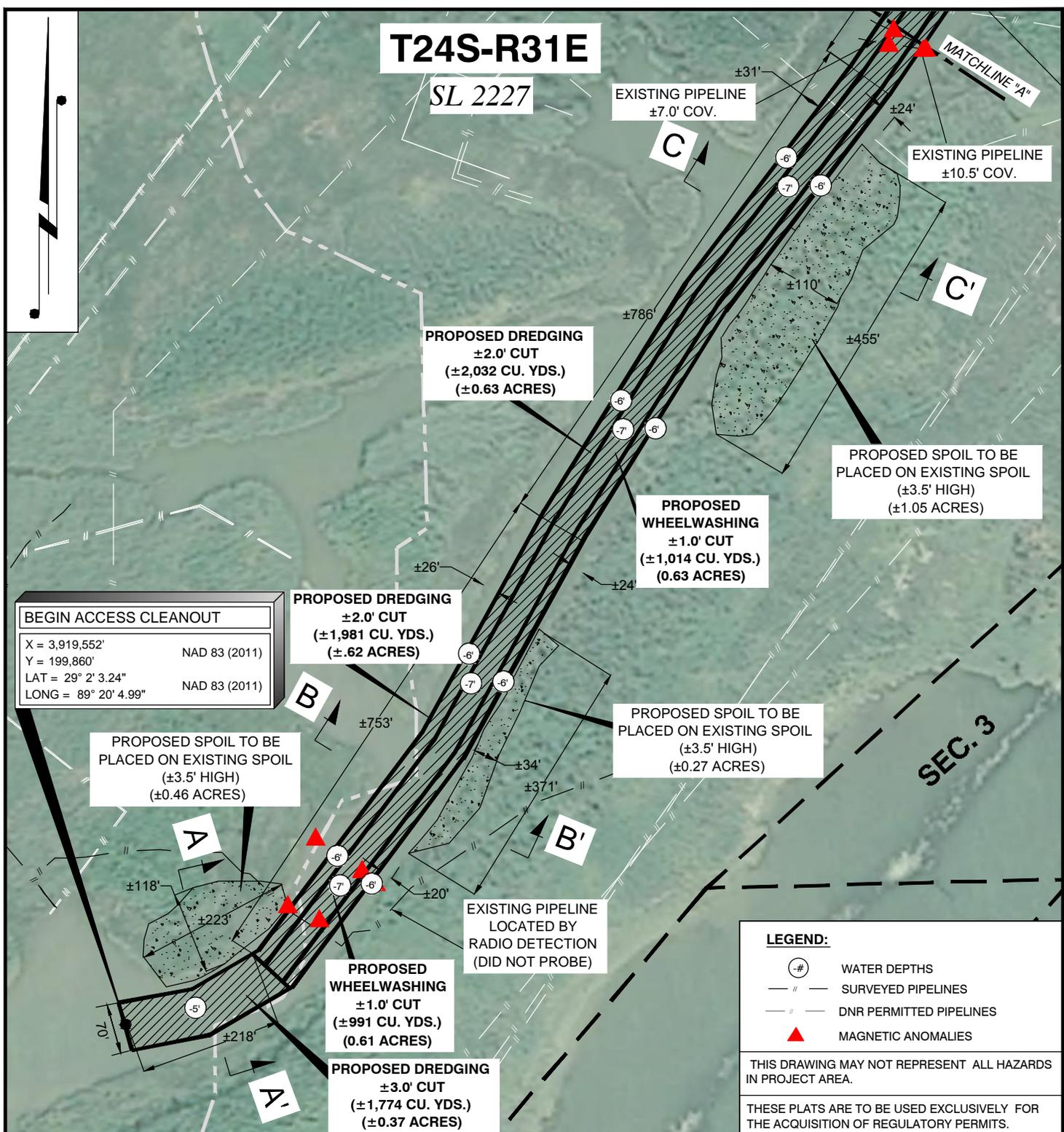


REV. NO:	5	REV. DATE:	02/20/14	REV. BY:	RRB
REVISION DESCRIPTION: REVISED PLAT PER OCM'S REQUEST					

2/20/2014 - P:\Y-2013\2013.0999\DWG\COE\REV 5113.0999_C2_REV5.DWG

T24S-R31E

SL 2227



BEGIN ACCESS CLEANOUT
 X = 3,919,552' NAD 83 (2011)
 Y = 199,860'
 LAT = 29° 2' 3.24"
 LONG = 89° 20' 4.99"

PROPOSED SPOIL TO BE PLACED ON EXISTING SPOIL (±3.5' HIGH) (±0.46 ACRES)

PROPOSED DREDGING ±2.0' CUT (±1,981 CU. YDS.) (±.62 ACRES)

PROPOSED SPOIL TO BE PLACED ON EXISTING SPOIL (±3.5' HIGH) (±0.27 ACRES)

PROPOSED WHEELWASHING ±1.0' CUT (±991 CU. YDS.) (0.61 ACRES)

PROPOSED DREDGING ±3.0' CUT (±1,774 CU. YDS.) (±0.37 ACRES)

LEGEND:

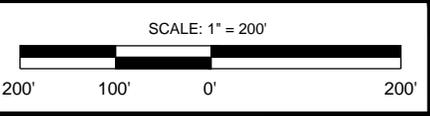
- ⊕ WATER DEPTHS
- SURVEYED PIPELINES
- - - DNR PERMITTED PIPELINES
- ▲ MAGNETIC ANOMALIES

THIS DRAWING MAY NOT REPRESENT ALL HAZARDS IN PROJECT AREA.
 THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

DRAWN BY:	RRB	APPROVED BY:	JBB
DATE:	12/12/13	JOB NO:	2013.0999
DRAWING NAME:	13.0999_C2_SHEET 3_5_REV5.DWG		
SHEET NO:	3	OF	11
PROJECTION:	LOUISIANA SOUTH		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW

APACHE CORPORATION
 PROPOSED LOCATION, CLEANOUT, & STRUCTURES
 TO SERVE THE SL 1924 NO. 24 WELL LOCATION
 SOUTH PASS 24 FIELD
 LOCATED IN T24S-R31E
 PLAQUEMINES PARISH, LOUISIANA



T. BAKER SMITH
 SOLUTIONS START HERE
 107 Global Circle, Lafayette, LA 70503
 (337) 735-2800 - tbsmith.com

REV. NO:	5	REV. DATE:	02/20/14	REV. BY:	RRB
REVISION DESCRIPTION: REVISED PLATS PER OCM'S REQUEST					

2/21/2014 - P:\Y-2013\2013.0999\DWG\COE\REV 513.0999_C2_SHEET 3_5_REV5.DWG

T23S-R31E
T24S-R31E

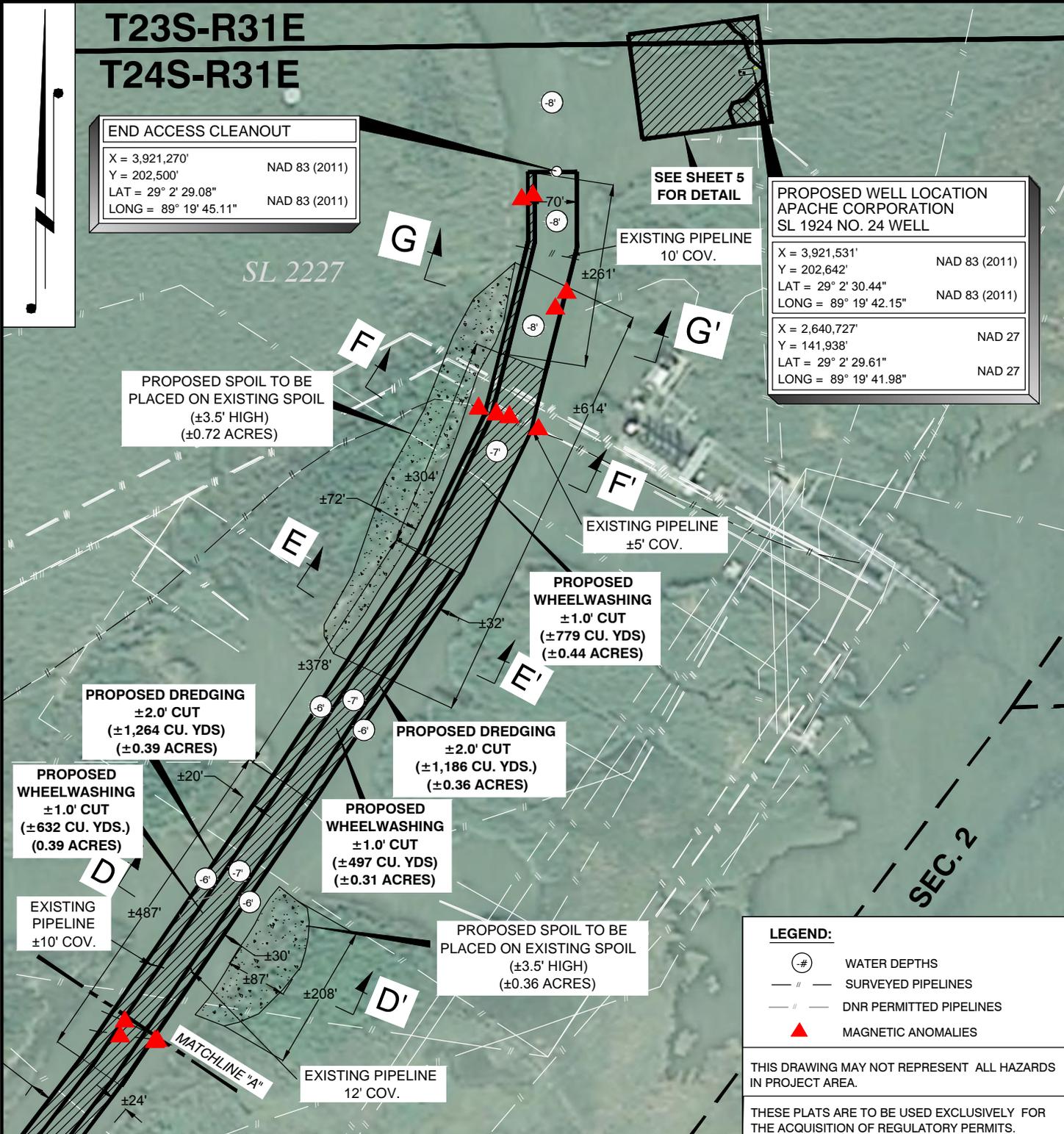
END ACCESS CLEANOUT

X = 3,921,270' NAD 83 (2011)
Y = 202,500' NAD 83 (2011)
LAT = 29° 2' 29.08" NAD 83 (2011)
LONG = 89° 19' 45.11" NAD 83 (2011)

PROPOSED WELL LOCATION
APACHE CORPORATION
SL 1924 NO. 24 WELL

X = 3,921,531' NAD 83 (2011)
Y = 202,642' NAD 83 (2011)
LAT = 29° 2' 30.44" NAD 83 (2011)
LONG = 89° 19' 42.15" NAD 83 (2011)

X = 2,640,727' NAD 27
Y = 141,938' NAD 27
LAT = 29° 2' 29.61" NAD 27
LONG = 89° 19' 41.98" NAD 27



LEGEND:

- WATER DEPTHS
- SURVEYED PIPELINES
- DNR PERMITTED PIPELINES
- MAGNETIC ANOMALIES

THIS DRAWING MAY NOT REPRESENT ALL HAZARDS IN PROJECT AREA.

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

DRAWN BY: RRB APPROVED BY: JBB

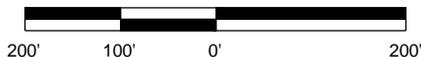
DATE: 12/12/13 JOB NO: 2013.0999

DRAWING NAME: 13.0999_C2_SHEET 3_5_REV5.DWG

SHEET NO: 4 OF 11

PROJECTION: LOUISIANA SOUTH
GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

SCALE: 1" = 200'



PLAN VIEW

APACHE CORPORATION
PROPOSED LOCATION, CLEANOUT, & STRUCTURES
TO SERVE THE SL 1924 NO. 24 WELL LOCATION
SOUTH PASS 24 FIELD
LOCATED IN T24S-R31E
PLAQUEMINES PARISH, LOUISIANA

REV. NO: 5 REV. DATE: 02/20/14 REV. BY: RRB

REVISION DESCRIPTION:
REVISED PLAT PER OCM'S REQUEST

SEC. 33

PROPOSED WELL LOCATION APACHE CORPORATION SL 1924 NO. 24 WELL	
X = 3,921,531' Y = 202,642' LAT = 29° 2' 30.44" LONG = 89° 19' 42.15"	NAD 83 (2011)
X = 2,640,727' Y = 141,938' LAT = 29° 2' 29.61" LONG = 89° 19' 41.98"	NAD 27

END SLIP CLEANOUT	
LAT = 29° 2' 30.48" LONG = 89° 19' 41.75"	NAD 83 (2011)

**T23S-R31E
T24S-R31E**

BEGIN SLIP CLEANOUT	
LAT = 29° 2' 30.24" LONG = 89° 19' 44.00"	NAD 83 (2011)

END ACCESS CLEANOUT	
LAT = 29° 2' 29.08" LONG = 89° 19' 45.11"	NAD 83 (2011)

EXISTING 2" & 3" FLOWLINES (TO BE LOWERED) (±1' COV.)

PROPOSED EXCAVATION ±8.0' CUT (±1,210 CU. YDS.) (±0.09 ACRES)

EXISTING 12" CHEVRON PIPELINE (±12' COV.)

PROPOSED SPOIL TO BE PLACED ON MARSH (±12' HIGH) (±0.05 ACRES)

PROPOSED SPOIL TO BE PLACED ON BANKLINE (±6' HIGH) (±0.04 ACRES)

PROPOSED DREDGING ±1.0' CUT (±732 CU. YDS.) (±0.45 ACRES)

PROPOSED DREDGING ±7.0' CUT (±1,654 CU. YDS.) (±0.15 ACRES)

PROPOSED SPOIL TO BE PLACED ALONG BANKLINE (±6' HIGH) (±0.13 ACRES)

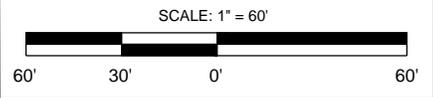
EXISTING 7200 VUA;BLD NO. 14 WELL	
X = 3,921,537' Y = 202,643' LAT = 29° 2' 30.44" LONG = 89° 19' 42.08"	NAD 83 (2011)
X = 2,640,733' Y = 141,939' LAT = 29° 2' 29.62" LONG = 89° 19' 41.91"	NAD 27

LEGEND:	
	SURVEYED PIPELINES
	WATER DEPTHS
	PROPOSED EXCAVATION
	PROPOSED DREDGING
	MAGNETIC ANOMALIES

THIS DRAWING MAY NOT REPRESENT ALL HAZARDS IN PROJECT AREA.

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

DRAWN BY: RRB	APPROVED BY: JBB
DATE: 12/12/13	JOB NO: 2013.0999
DRAWING NAME: 13.0999_C3_REV5.DWG	
SHEET NO: 5	OF 12
PROJECTION: LOUISIANA SOUTH GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	



TBS SOLUTIONS START HERE
107 Global Circle, Lafayette, LA 70503
(337) 735-2600 - tbsmith.com

PLAN VIEW

APACHE CORPORATION
PROPOSED LOCATION, CLEANOUT, & STRUCTURES
TO SERVE THE SL 1924 NO. 24 WELL LOCATION
SOUTH PASS 24 FIELD
LOCATED IN T24S-R31E
PLAQUEMINES PARISH, LOUISIANA

REV. NO: 5	REV. DATE: 02/20/14	REV. BY: RRB
------------	---------------------	--------------

REVISION DESCRIPTION:
REVISED PLAT PER OCM'S REQUEST

T23S-R31E
T24S-R31E

**PROPOSED SUBSEQUENT
WHEELWASHING
(±1,122 CU. YDS.)
(±0.69 ACRES)**

EXISTING 2" & 3"
FLOWLINES
(TO BE
LOWERED)
(±1' COV.)

EXISTING 12"
CHEVRON
PIPELINE
(±12' COV.)

BEGIN CLEANOUT	
X = 3,921,367'	NAD 83 (2011)
Y = 202,620'	NAD 83 (2011)
LAT = 29° 2' 30.24"	NAD 83 (2011)
LONG = 89° 19' 44.00"	NAD 83 (2011)

END SUBSEQUENT WHEELWASHING	
X = 3,921,270'	NAD 83 (2011)
Y = 202,500'	NAD 83 (2011)
LAT = 29° 2' 29.08"	NAD 83 (2011)
LONG = 89° 19' 45.11"	NAD 83 (2011)

END CLEANOUT	
X = 3,921,567'	NAD 83 (2011)
Y = 202,647'	NAD 83 (2011)
LAT = 29° 2' 30.48"	NAD 83 (2011)
LONG = 89° 19' 41.75"	NAD 83 (2011)

PROPOSED WELL LOCATION APACHE CORPORATION SL 1924 NO. 24 WELL	
X = 3,921,531'	NAD 83 (2011)
Y = 202,642'	NAD 83 (2011)
LAT = 29° 2' 30.44"	NAD 83 (2011)
LONG = 89° 19' 42.15"	NAD 83 (2011)
X = 2,640,727'	NAD 27
Y = 141,938'	NAD 27
LAT = 29° 2' 29.61"	NAD 27
LONG = 89° 19' 41.98"	NAD 27

SEC. 2

SL 2227
SL 978

**PROPOSED SUBSEQUENT
WHEELWASHING
(±8,263 CU. YDS.)
(±4.75 ACRES)**

BEGIN SUBSEQUENT WHEELWASHING	
X = 3,919,552'	NAD 83 (2011)
Y = 199,857'	NAD 83 (2011)
LAT = 29° 2' 3.21"	NAD 83 (2011)
LONG = 89° 20' 4.99"	NAD 83 (2011)

EXISTING PIPELINE LOCATED
BY RADIO DETECTION
(DID NOT PROBE)

LEGEND:

- DNR PERMITTED PIPELINES
- SURVEYED PIPELINES
- ▨ SUBSEQUENT WHEELWASHING
- ⊖# WATER DEPTHS

THIS DRAWING MAY NOT REPRESENT ALL HAZARDS
IN PROJECT AREA.

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

SEC. 3
SEC. 4

SL 1922

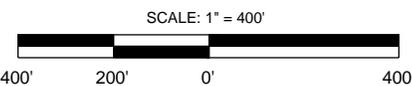
DRAWN BY:	RRB	APPROVED BY:	JBB
DATE:	12/12/13	JOB NO:	2013.0999
DRAWING NAME:	13.0999_C4_REV5.DWG		
SHEET NO:	6	OF	11
PROJECTION:	LOUISIANA SOUTH		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW

APACHE CORPORATION
PROPOSED LOCATION, CLEANOUT, & STRUCTURES
TO SERVE THE SL 1924 NO. 24 WELL LOCATION
SOUTH PASS 24 FIELD
LOCATED IN T24S-R31E
PLAQUEMINES PARISH, LOUISIANA

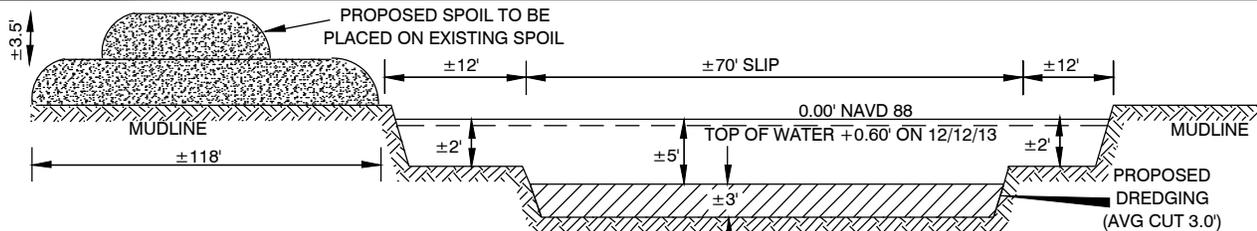
REV. NO:	5	REV. DATE:	02/21/14	REV. BY:	RRB
----------	---	------------	----------	----------	-----

REVISION DESCRIPTION:
REVISED PLATS PER OCM'S REQUEST



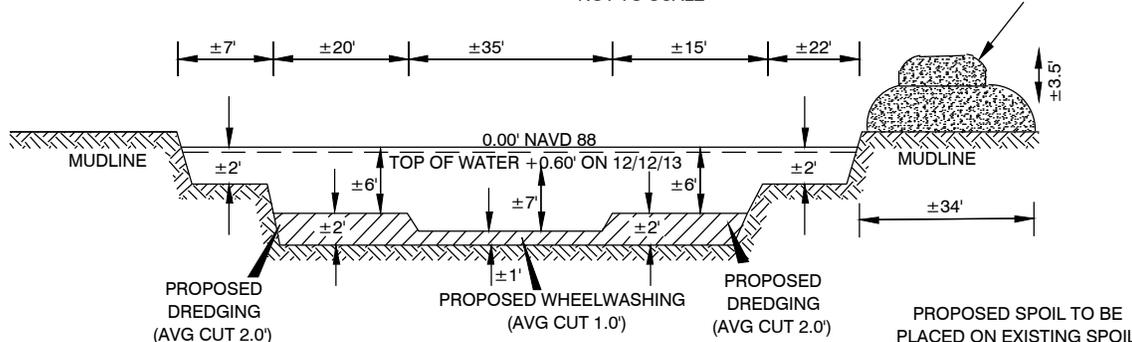
TBS
T. BAKER SMITH
SOLUTIONS START HERE
107 Global Circle, Lafayette, LA 70503
(337) 735-2800 - tbsmith.com

MHWL +0.51
MLWL -0.85



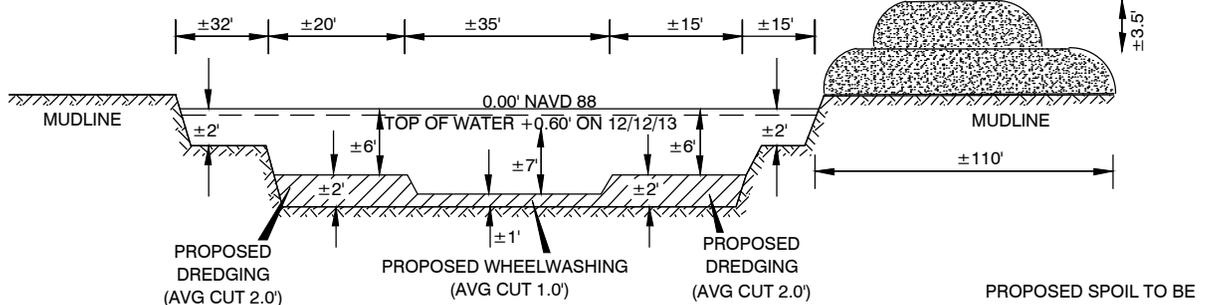
CROSS-SECTION A-A'

NOT TO SCALE



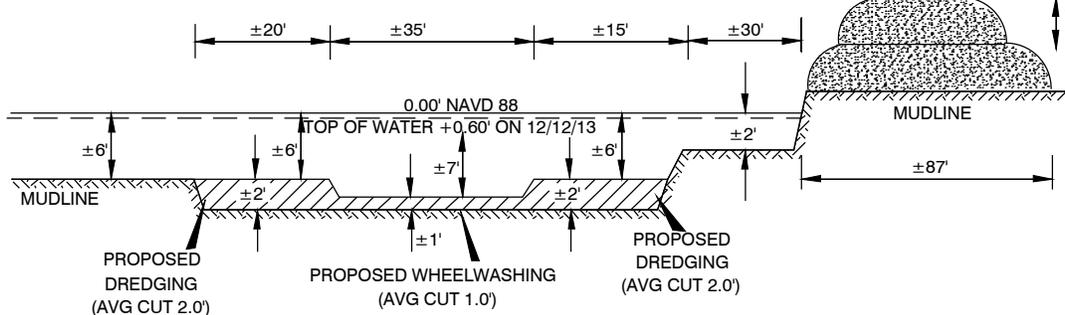
CROSS-SECTION B-B'

NOT TO SCALE



CROSS-SECTION C-C'

NOT TO SCALE



CROSS-SECTION D-D'

NOT TO SCALE

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

DRAWN BY:	RRB	APPROVED BY:	JBB
DATE:	12/12/13	JOB NO:	2013.0999
DRAWING NAME:	13.0999_C2_SHEET 3_5_REV5.DWG		
SHEET NO:	7	OF	11
PROJECTION:	LOUISIANA SOUTH		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

CROSS-SECTIONS FOR ACCESS

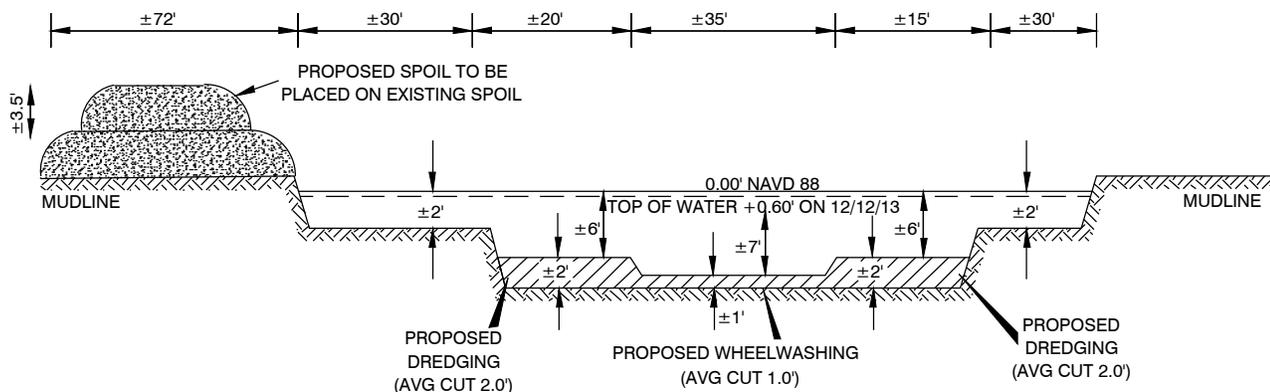
APACHE CORPORATION
 PROPOSED LOCATION, CLEANOUT, & STRUCTURES
 TO SERVE THE SL 1924 NO. 24 WELL LOCATION
 SOUTH PASS 24 FIELD
 LOCATED IN T24S-R31E
 PLAQUEMINES PARISH, LOUISIANA

NOT TO SCALE

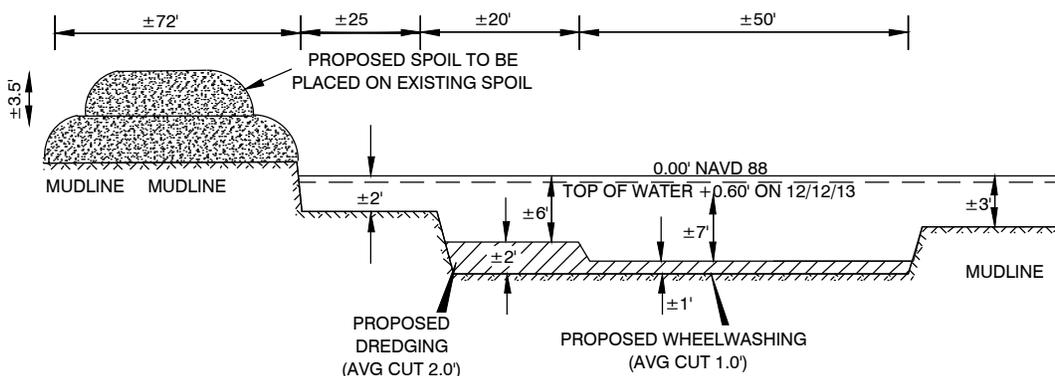


REV. NO:	5	REV. DATE:	02/20/14	REV. BY:	RRB
REVISION DESCRIPTION: REVISED PLATS PER OCM'S REQUEST					

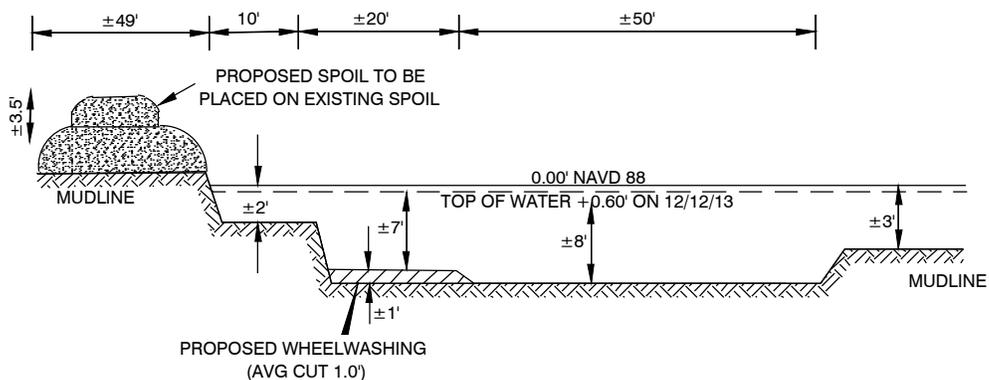
MHWL +0.51
MLWL -0.85



CROSS-SECTION E-E'
NOT TO SCALE



CROSS-SECTION F-F'
NOT TO SCALE



CROSS-SECTION G-G'
NOT TO SCALE

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

DRAWN BY:	RRB	APPROVED BY:	JBB
DATE:	12/12/13	JOB NO:	2013.0999
DRAWING NAME:	13.0999_C2_SHEET 3_5_REV5.DWG		
SHEET NO:	8	OF	11
PROJECTION:	LOUISIANA SOUTH		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

CROSS-SECTIONS FOR ACCESS

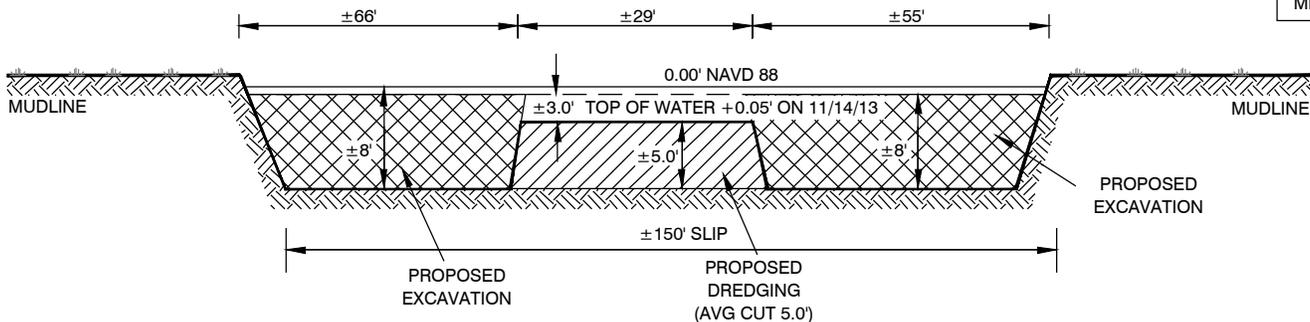
APACHE CORPORATION
 PROPOSED LOCATION, CLEANOUT, & STRUCTURES
 TO SERVE THE SL 1924 NO. 24 WELL LOCATION
 SOUTH PASS 24 FIELD
 LOCATED IN T24S-R31E
 PLAQUEMINES PARISH, LOUISIANA

NOT TO SCALE

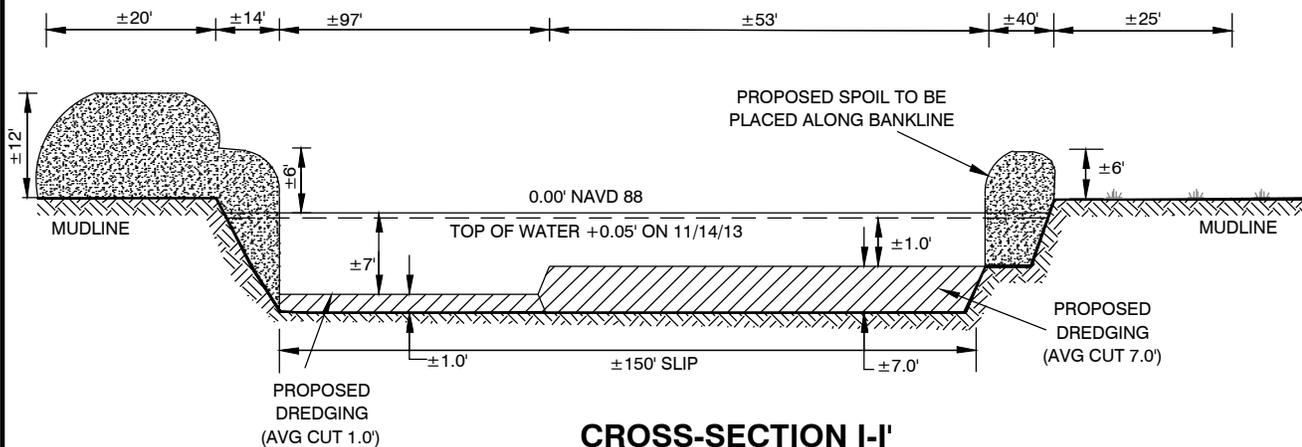


REV. NO:	5	REV. DATE:	02/20/14	REV. BY:	RRB
REVISION DESCRIPTION: REVISED PLATS PER OCM'S REQUEST					

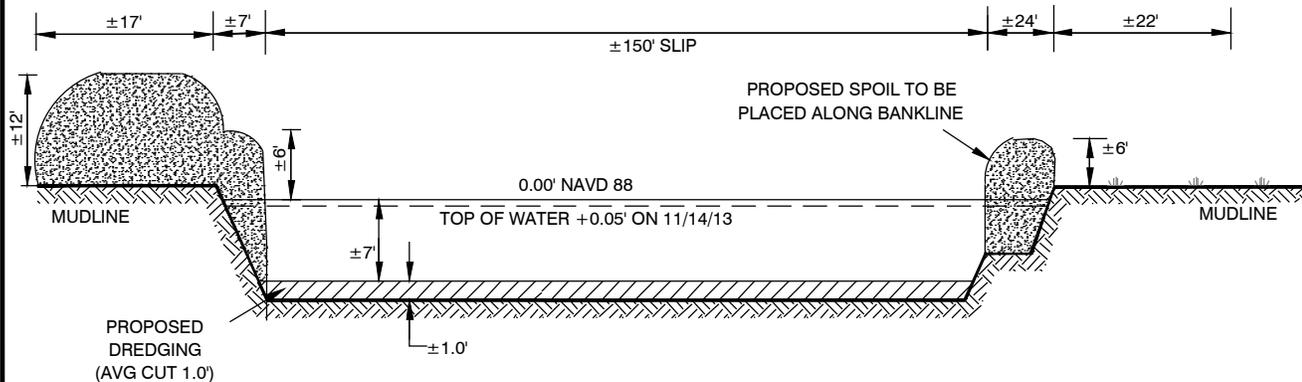
MHWL +0.51
MLWL -0.85



CROSS-SECTION H-H'
NOT TO SCALE



CROSS-SECTION I-I'
NOT TO SCALE



CROSS-SECTION J-J'
NOT TO SCALE

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

DRAWN BY:	RRB	APPROVED BY:	JBB
DATE:	12/12/13	JOB NO:	2013.0999
DRAWING NAME:	13.0999_C4_REV5.DWG		
SHEET NO:	9	OF	11
PROJECTION:	LOUISIANA SOUTH		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

CROSS-SECTIONS FOR SLIP

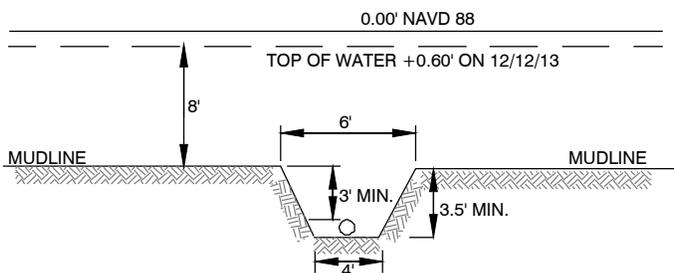
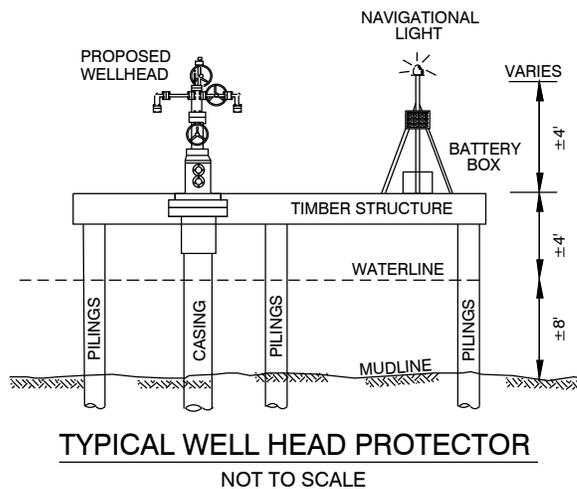
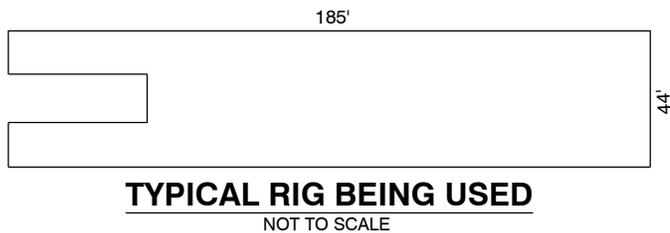
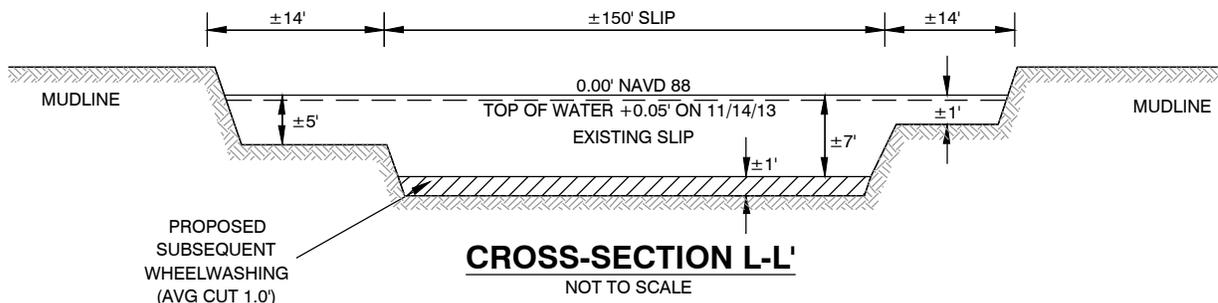
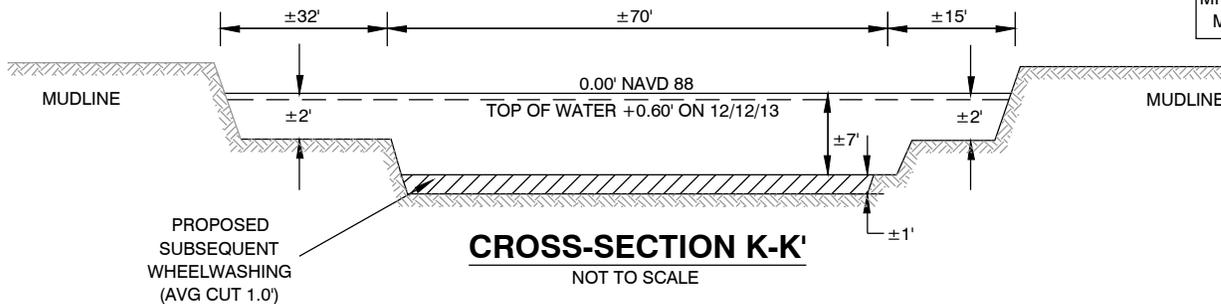
APACHE CORPORATION
PROPOSED LOCATION, CLEANOUT, & STRUCTURES
TO SERVE THE SL 1924 NO. 24 WELL LOCATION
SOUTH PASS 24 FIELD
LOCATED IN T24S-R31E
PLAQUEMINES PARISH, LOUISIANA

NOT TO SCALE



REV. NO:	5	REV. DATE:	02/21/14	REV. BY:	RRB
REVISION DESCRIPTION: REVISED PLAT PER OCM'S REQUEST					

MHWL +0.51
MLWL -0.85



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

CROSS-SECTIONS & TYPICALS

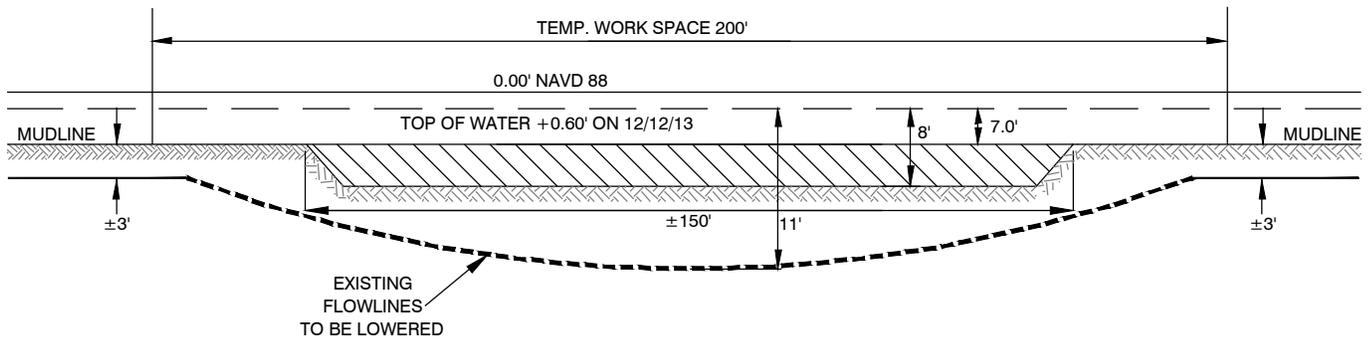
APACHE CORPORATION
PROPOSED LOCATION, CLEANOUT, & STRUCTURES
TO SERVE THE SL 1924 NO. 24 WELL LOCATION
SOUTH PASS 24 FIELD
LOCATED IN T24S-R31E
PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	RRB	APPROVED BY:	LLS
DATE:	12/12/13	JOB NO:	2013.0999
DRAWING NAME:	13.0999_C4_REV5.DWG		
SHEET NO:	10	OF	11
PROJECTION:	LOUISIANA SOUTH		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

NOT TO SCALE



REV. NO:	5	REV. DATE:	02/21/14	REV. BY:	RRB
REVISION DESCRIPTION: REVISED PLATS PER OCM'S REQUEST					



FLOWLINE LOWERING TYPICAL PROFILE

NOT TO SCALE

COASTAL NOTES:

ALL STRUCTURES, FACILITIES, WELLS 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 ACTIVITIES.

AS-BUILT DRAWINGS SHALL BE SUBMITTED WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, COASTAL MANAGEMENT DIVISION AND OFFICE OF CONSERVATION, PIPELINE SAFETY DIVISION, POST OFFICE BOX 44487, BATON ROUGE, LA 70804-4487.

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.

WHILE REASONABLE EFFORTS ARE MADE TO LOCATE ALL PIPELINES, METAL OBJECTS OR OTHER SUBSURFACE OBSTRUCTIONS IN THE SURVEYED AREA, THE EQUIPMENT USED AND THE CHARACTERISTICS OF PIPELINES THEMSELVES MAKE IT IMPOSSIBLE TO GUARANTEE TOTAL SUCCESS. ACCORDINGLY, IT IS INCUMBENT UPON THE OWNERS, OPERATORS AND/OR CONTRACTORS CONDUCTING OPERATIONS INCLUDING DREDGING AND EXCAVATION TO CONDUCT THEIR OPERATIONS WITH EXTREME CAUTION AND RECOGNIZE THAT HAZARDS IN ADDITION TO THOSE DETECTED AND MARKED BY TBS MAY EXIST.

150' WIDE SLIP IS REQUIRED FOR THE WORKOVER BARGE & AN EQUIPMENT BARGE ON EACH SIDE OF THE WORKOVER BARGE. AN EQUIPMENT BARGE IS REQUIRED ON EACH SIDE FOR SAFETY REASONS.

CALCULATIONS:

- APPROXIMATELY 2,386 CU. YDS OF WATER BOTTOMS TO BE DISPLACED DUE TO PROPOSED DREDGING FOR SLIP.
- APPROXIMATELY 0.60 ACRES OF WATER BOTTOMS TO BE IMPACTED DUE TO PROPOSED DREDGING FOR SLIP.
- APPROXIMATELY 8,237 CU. YDS OF WATER BOTTOMS TO BE DISPLACED DUE TO PROPOSED DREDGING FOR ACCESS.
- APPROXIMATELY 2.37 ACRES OF WATER BOTTOMS TO BE IMPACTED DUE TO PROPOSED DREDGING FOR ACCESS.
- APPROXIMATELY 3,913 CU YDS OF WATER BOTTOMS TO BE DISPLACED DUE TO PROPOSED WHEELWASHING FOR ACCESS.
- APPROXIMATELY 2.38 ACRES OF WATER BOTTOMS TO BE DISPLACES DUE TOP PROPOSED WHEELWASHING FOR ACCESS.
- APPROXIMATELY 1,210 CU. YDS. OF MARSH TO BE IMPACTED DUE TO PROPOSED EXCAVATION FOR SLIP.
- APPROXIMATELY 0.09 ACRES TO BE IMPACTED DUE TO PROPOSED EXCAVATION FOR SLIP.
- APPROXIMATELY 0.05 ACRES TO BE IMPACTED DUE TO PROPOSED SPOIL PLACEMENT FOR SLIP ON MARSH.
- APPROXIMATELY 0.17 ACRES TO BE IMPACTED DUE TO PROPOSED SPOIL PLACEMENT FOR SLIP ALONG BANKLINE.
- APPROXIMATELY 2.86 ACRES TO BE IMPACTED DUE TO PROPOSED SPOIL PLACEMENT FOR ACCESS ON EXISTING SPOIL.
- APPROXIMATELY 9,385 CU YDS OF MATERIAL WILL BE REMOVED FROM THE WATER BOTTOM OF THE SLIP ON SUBSEQUENT WHEELWASHING.
- APPROXIMATELY 53,286 CU YDS OF MATERIAL WILL BE REMOVED FROM THE WATER BOTTOM OF THE SLIP OVER A FIVE (5) YEAR PERIOD.
- AVERAGE DRAFT OF VESSELS USED IS 7.0 FEET.
- WORK WILL COMMENCE AT HIGH/NORMAL TIDE.

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

NOTES

APACHE CORPORATION
 PROPOSED LOCATION, CLEANOUT, & STRUCTURES
 TO SERVE THE SL 1924 NO. 24 WELL LOCATION
 SOUTH PASS 24 FIELD
 LOCATED IN T24S-R31E
 PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	RRB	APPROVED BY:	JBB
DATE:	12/12/13	JOB NO:	2013.0999
DRAWING NAME:	13.0999_C4_REV5.DWG		
SHEET NO:	11	OF	11
PROJECTION:	LOUISIANA SOUTH		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

NOT TO SCALE



REV. NO:	5	REV. DATE:	02/20/14	REV. BY:	RRB
REVISION DESCRIPTION: REVISED PLATS PER OCM'S REQUEST					