

## LOCATION MAP

REPRODUCED FROM DOQQ AERIAL PHOTOGRAPH  
LOCATED APPROXIMATELY 10.0 MILES SOUTHWESTERLY OF EMPIRE, LA.

### NOTES:

LIMITED FIELD SURVEY CONDUCTED ON, 03-05-12, 10-10-12 & 10-22-12 TO PREPARE THESE PLANS. INFORMATION WAS UTILIZED FROM PREVIOUS PLANS PERMITTED BY THE REGULATORY RESOURCE AGENCIES.

THESE PLANS WERE PREPARED EXCLUSIVELY FOR OBTAINING REGULATORY CLEARANCES, AND DO NOT PURPORT TO BE ENGINEERING DRAWINGS, OR SPECIFICATIONS. THESE PLANS DO NOT PURPORT TO ACCURATELY PORTRAY PROPERTY BOUNDARIES.



SWIFT ENERGY OPERATING, LLC

### PROPOSED LOCATION, DREDGING,

SHELL PAD & STRUCTURES

SL 1753 #D (Lechwe Prospect)

SECTIONS 005, 006 & 008, T21S-R27E  
PLAQUEMINES PARISH, LOUISIANA

**JOHN CHANCE**  
LAND SURVEYS, INC.



GEODETIC DATUM: NAD27 & NAD83  
ZONE: LOUISIANA SOUTH  
GRID UNITS: US SURVEY FEET

SCALE  
IN FEET 0 2,000'

Proj. Mgr.: JLT  
Revised:  
Printed: 3/12/13

Job No.: 13-0021 Date: 3/12/13  
Dwgfile: L:\2013\130021\CAD\C130021

Drwn: DUNBARJ/ECD Chart: Of:  
1 11



T21S-R27E

SEC. 005

SEC. 006

BEGIN DREDGING

Lat. 29° 19' 50"N  
Lon. 89° 45' 41"W

GRID NORTH

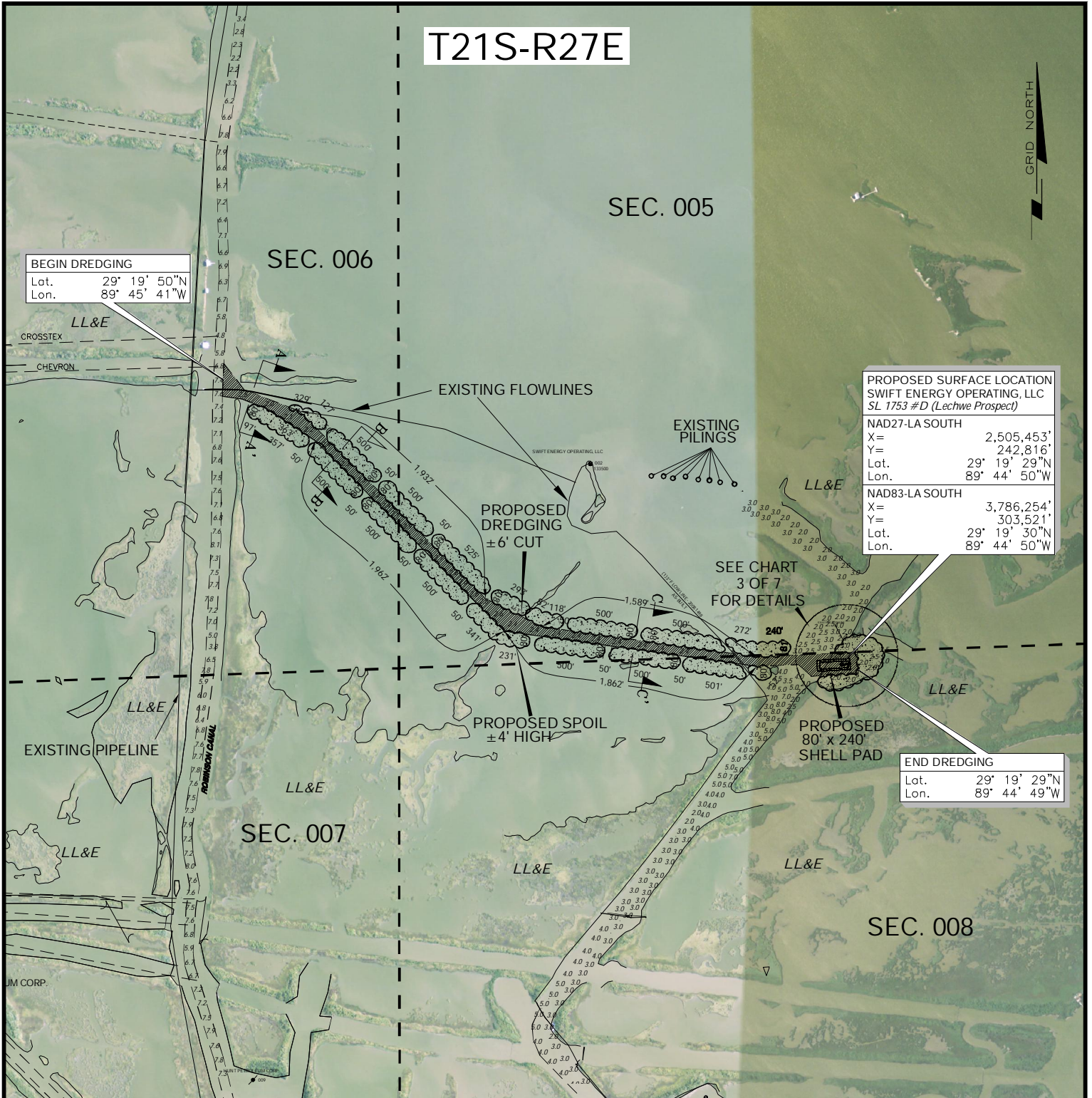
PROPOSED SURFACE LOCATION  
SWIFT ENERGY OPERATING, LLC  
SL 1753 #D (Lechwe Prospect)

NAD27-LA SOUTH  
X= 2,505,453'  
Y= 242,816'  
Lat. 29° 19' 29"N  
Lon. 89° 44' 50"W

NAD83-LA SOUTH  
X= 3,786,254'  
Y= 303,521'  
Lat. 29° 19' 30"N  
Lon. 89° 44' 50"W

END DREDGING

Lat. 29° 19' 29"N  
Lon. 89° 44' 49"W



LEGEND:

— DENOTES EXISTING FLOWLINES

2.4 DENOTES WATER DEPTH

DENOTES PROPOSED SPOIL



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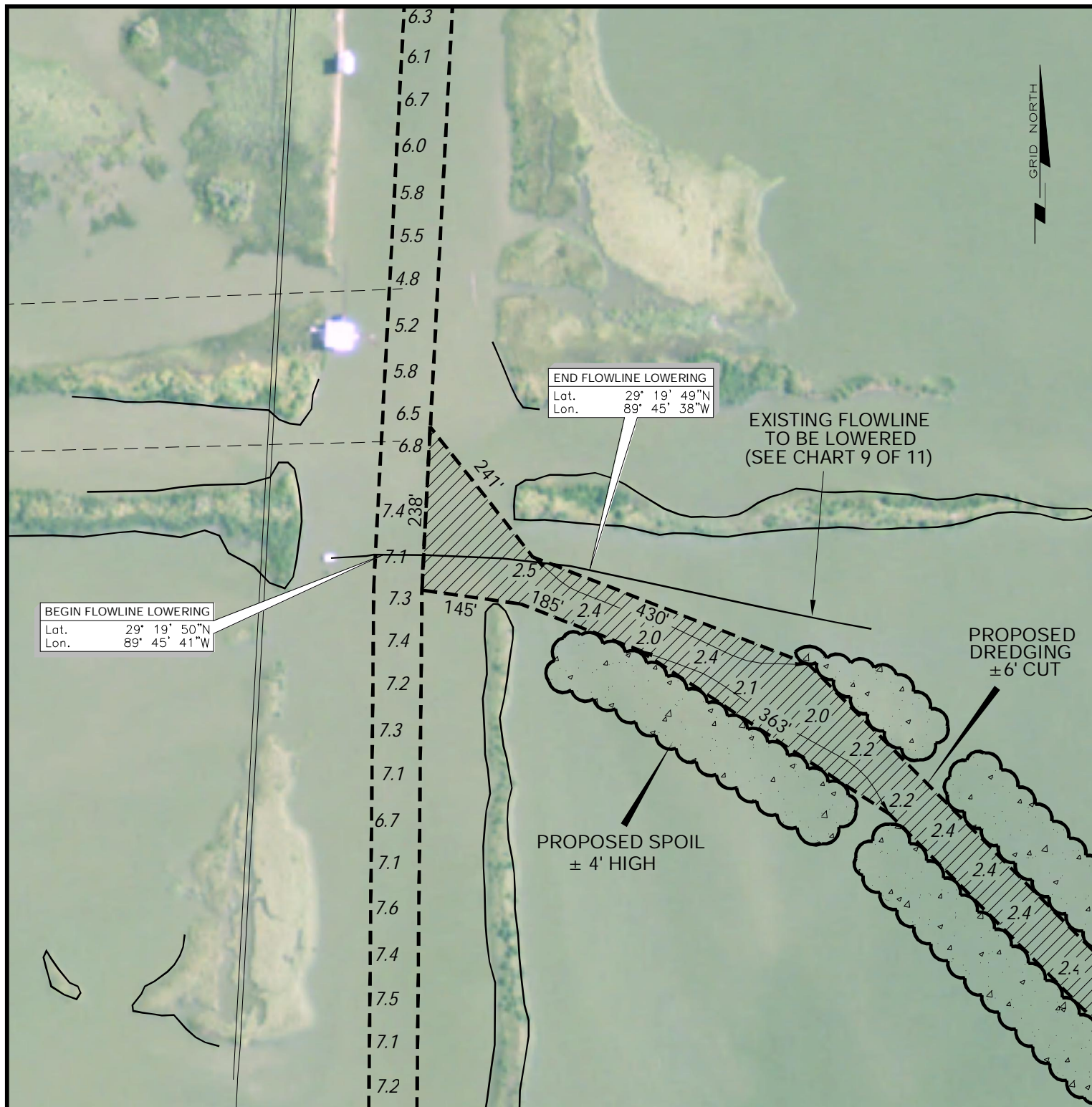
GEODETIC DATUM: NAD27 & NAD83  
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GRID UNITS: US SURVEY FEET

SCALE 0 1,000'  
IN FEET


Proj. Mgr.: JLT  
Revised: 4/11/13  
Printed: 4/11/13

Job No.: 13-0021 Date: 3/12/13  
Dwgfile: L:\2013\130021\CAD\C130021A

Drwn: DUNBARJ/ECD/JLT Chart: Of:  
2 11



LEGEND:

- DENOTES EXISTING FLOWLINES
- 3.0 DENOTES WATER DEPTH
-  DENOTES PROPOSED SPOIL



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LAND SURVEYS, INC.



GEODETIC DATUM: NAD27 & NAD83  
ZONE: LOUISIANA SOUTH  
GRID UNITS: US SURVEY FEET

SCALE  
IN FEET 0 200'

Proj. Mgr.: JLT  
Revised:  
Printed: 3/12/13

Job No.: 13-0021

Date: 3/12/13

Drwn: DUNBARJ/ECD

Chart: Of:

Dwgfile: L:\2013\130021\CAD\C130021B

3 11



T21S-R27E

SEC. 005

EXISTING FLOWLINE  
TO BE LOWERED  
(SEE CHART 8 OF 11)

BEGIN FLOWLINE LOWERING  
Lat. 29° 19' 31"N  
Lon. 89° 44' 50"W

BEGIN FLOWLINE LOWERING  
Lat. 29° 19' 30"N  
Lon. 89° 44' 59"W

EXISTING FLOWLINE  
TO BE LOWERED  
(SEE CHART 7 OF 11)

PROPOSED  
DREDGING  
± 6' CUT

END FLOWLINE LOWERING  
Lat. 29° 19' 29"N  
Lon. 89° 44' 58"W

PROPOSED SPOIL  
± 4' HIGH


PROPOSED SPOIL  
± 4' HIGH

PROPOSED  
80' x 240'  
SHELL PAD

END FLOWLINE LOWERING  
Lat. 29° 19' 28"N  
Lon. 89° 44' 52"W

SEC. 008

LEGEND:

- DENOTES EXISTING FLOWLINES
- 3.0 DENOTES WATER DEPTH
-  DENOTES PROPOSED SPOIL



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**SHELL PAD & STRUCTURES**

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PLAQUEMINES PARISH, LOUISIANA

**JOHN CHANCE**  
LAND SURVEYS, INC.



GEODETIC DATUM: NAD27 & NAD83  
ZONE: LOUISIANA SOUTH  
GRID UNITS: US SURVEY FEET

SCALE 0 200'  
IN FEET

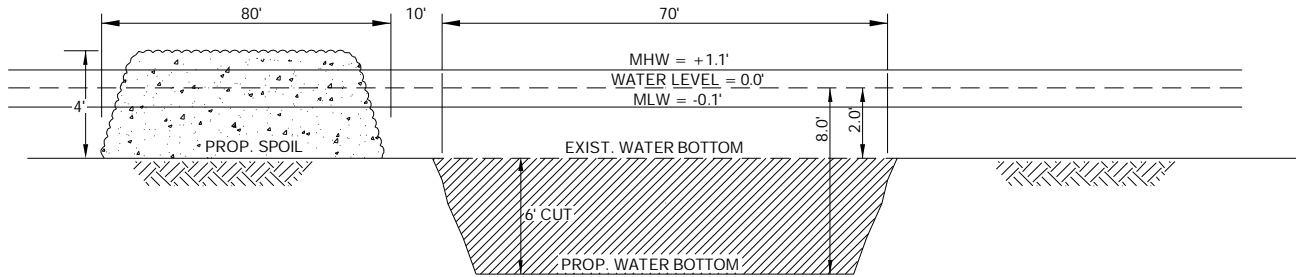
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Printed: 3/12/13

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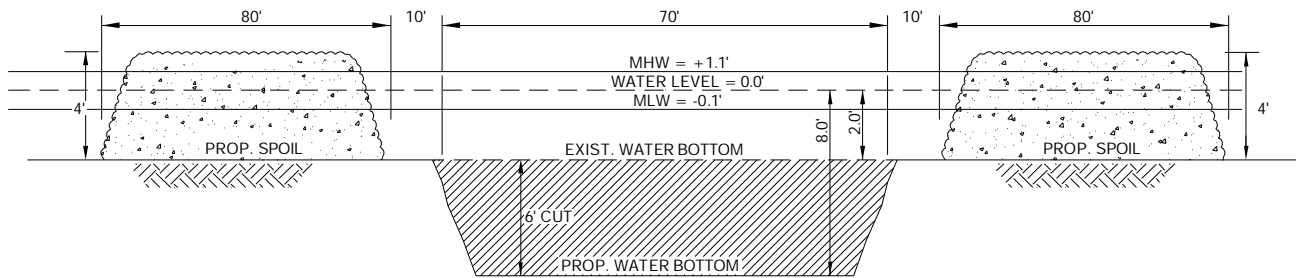
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Chart: Of:  
4 11

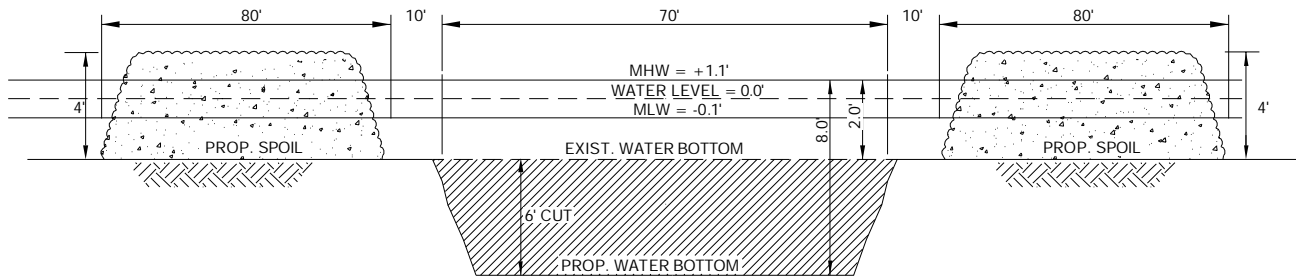
\* MHW = +1.1'  
MLW = -0.1'



**SECTION A-A'**  
NOT TO SCALE



**SECTION B-B'**  
NOT TO SCALE



**SECTION C-C'**  
NOT TO SCALE

\* Data is feet on local relative to MLLW taken from Grand Isle, LA. (Sta. 8761724) calculated using data averaged from Jan. 1, 2006 through Dec. 31, 2006.  
Permittee shall contact the Louisiana One Call at 1-800-272-3020 forty-eight hours prior to excavation or demolition.

NOTES:  
APPROXIMATELY 99,902 CU. YDS. (10.3 ACRES) OF MATERIAL TO BE DISPLACED THROUGH DREDGING.  
APPROXIMATE 16.1 ACRES IMPACTED BY SPOIL AREA.



**SWIFT ENERGY OPERATING, LLC**

**PROPOSED LOCATION, DREDGING,**

**SHELL PAD & STRUCTURES**

*SL 1753 #D (Lechwe Prospect)*

SECTIONS 005, 006 & 008, T21S-R27E

PLAQUEMINES PARISH, LOUISIANA

**JOHN CHANCE**  
LAND SURVEYS, INC.



GEODETIC DATUM: NAD27 & NAD83  
ZONE: LOUISIANA SOUTH  
GRID UNITS: US SURVEY FEET

NOT TO SCALE

Proj. Mgr.: JLT  
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Date: 3/12/13

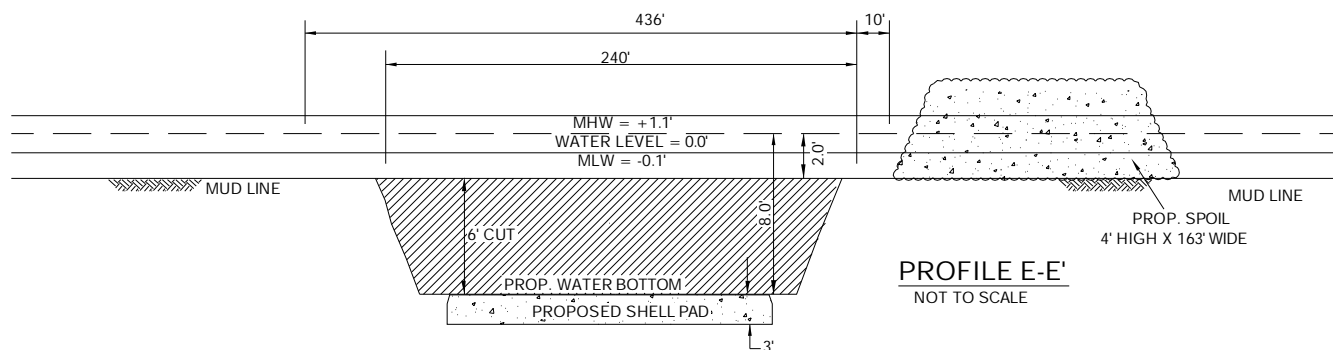
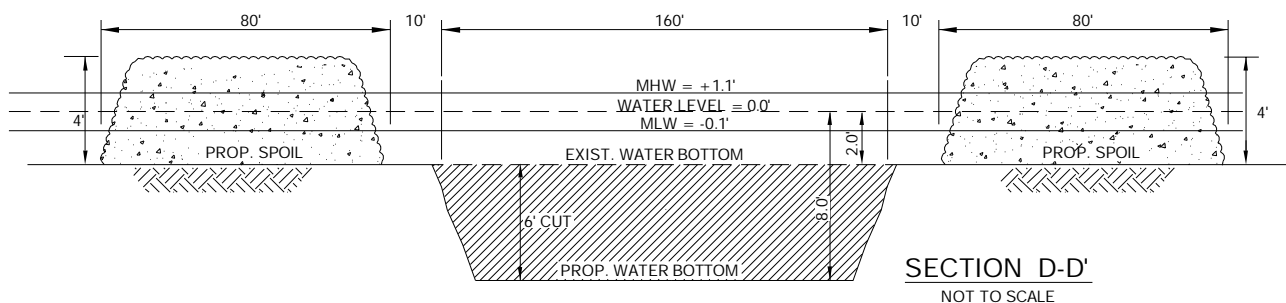
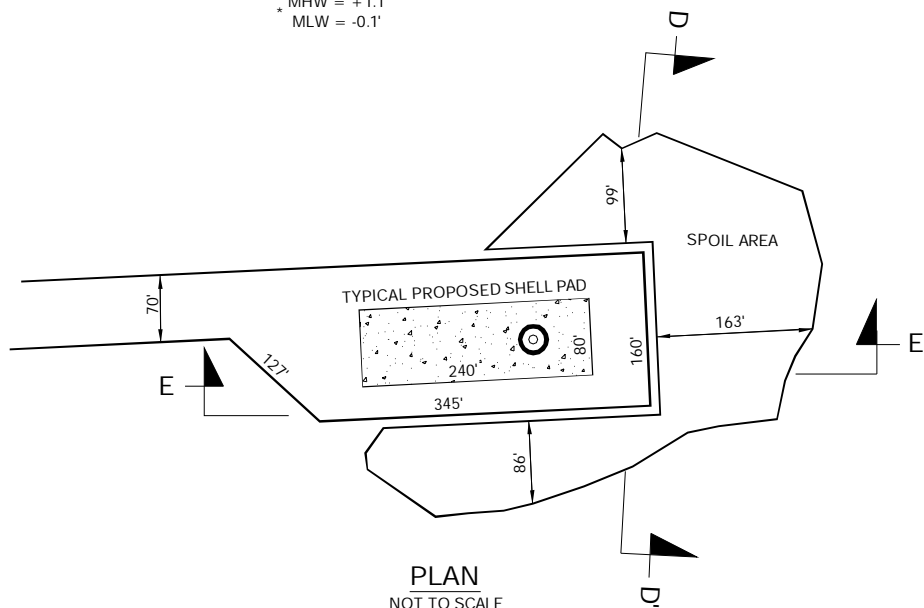
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Chart: Of:

Dwgfile: L:\2013\130021\CAD\C130021D

5 11

\* MHW = +1.1'  
\* MLW = -0.1'



\* Data is feet on local relative to MLLW taken from Grand Isle, LA. (Sta. 8761724) calculated using data averaged from Jan. 1, 2006 through Dec. 31, 2006.  
Permittee shall contact the Louisiana One Call at 1-800-272-3020 forty-eight hours prior to excavation or demolition.

#### NOTES:

APPROXIMATELY 2,133 CU. YDS. (0.4 ACRES) OF SPOIL  
MATERIAL TO BE DISPLACED FOR PROPOSED SHELL PAD.

APPROXIMATELY 2,133 CU. YDS. (0.4 ACRES) OF SHELL  
TO BE DEPOSITED TO CONSTRUCT SHELL PAD.



**SWIFT ENERGY OPERATING, LLC**

#### PROPOSED LOCATION, DREDGING,

**SHELL PAD & STRUCTURES**

*SL 1753 #D (Lechwe Prospect)*

SECTIONS 005, 006 & 008, T21S-R27E

PLAQUEMINES PARISH, LOUISIANA

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LAND SURVEYS, INC.



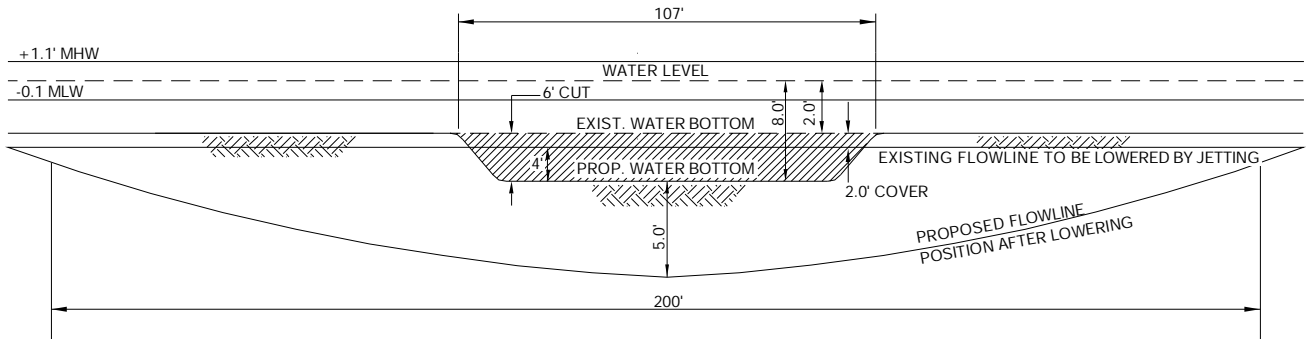
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ZONE: LOUISIANA SOUTH  
GRID UNITS: US SURVEY FEET

NOT TO SCALE

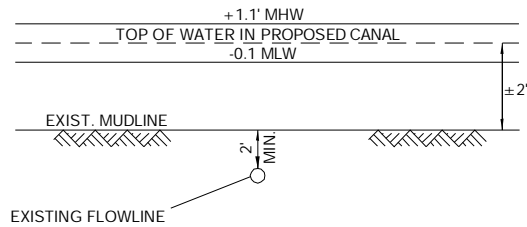
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Revised:  
Printed: 3/12/13

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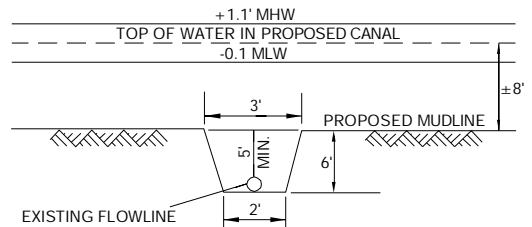
+1.1' MHW  
-0.1 MLW



**TYPICAL FLOWLINE LOWERING**  
NOT TO SCALE



**TYPICAL FLOWLINE X-SECTION  
IN WATER BEFORE LOWERING**  
NOT TO SCALE



**TYPICAL FLOWLINE X-SECTION  
IN WATER AFTER LOWERING**  
NOT TO SCALE

APPROXIMATELY 56 CU. YARDS (0.01 ACRES) OF MATERIAL TO BE DISPLACED  
THROUGH LOWERING OF FLOWLINES.



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**SHELL PAD & STRUCTURES**

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GRID UNITS: US SURVEY FEET

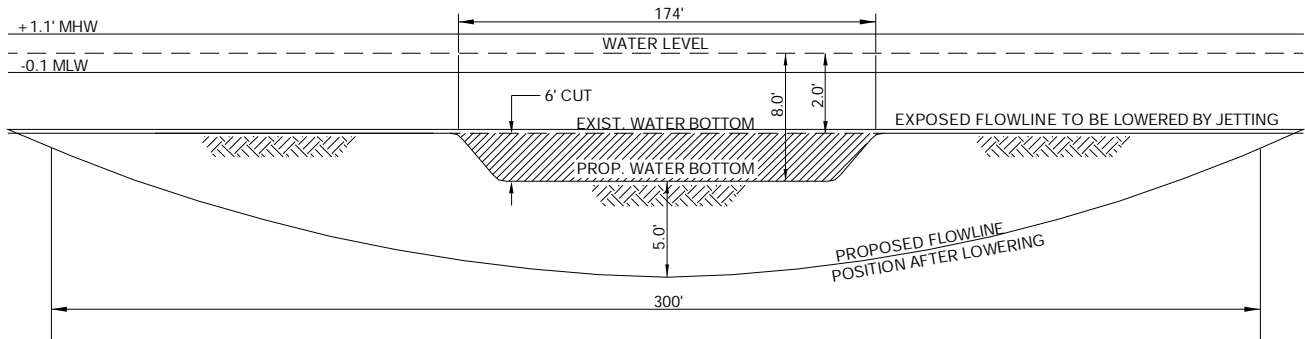
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Revised:  
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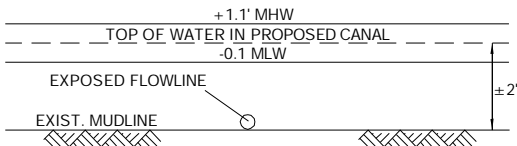
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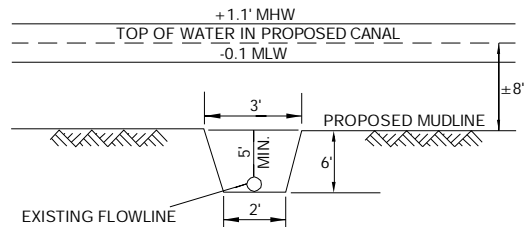
+1.1' MHW  
-0.1 MLW



**TYPICAL FLOWLINE LOWERING**  
NOT TO SCALE



**TYPICAL FLOWLINE X-SECTION  
IN WATER BEFORE LOWERING**  
NOT TO SCALE



**TYPICAL FLOWLINE X-SECTION  
IN WATER AFTER LOWERING**  
NOT TO SCALE

APPROXIMATELY 83 CU. YARDS (0.02 ACRES) OF MATERIAL TO BE DISPLACED  
THROUGH LOWERING OF FLOWLINES.



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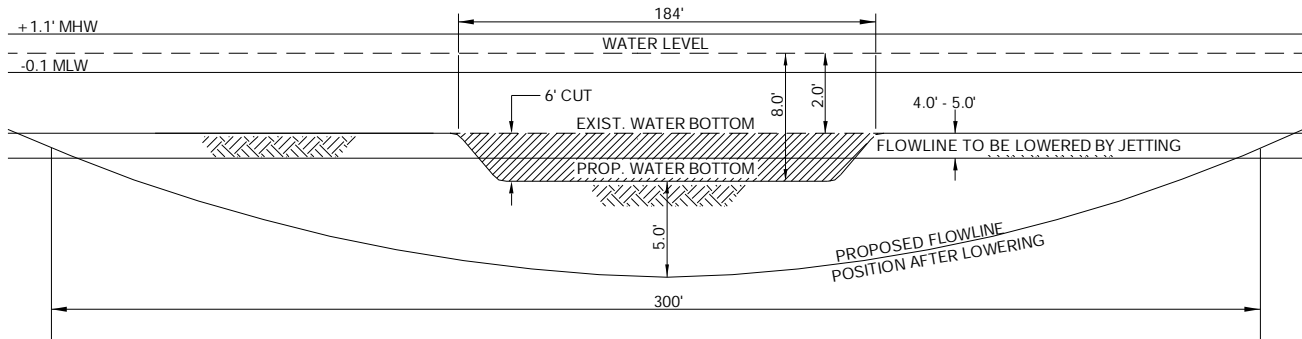
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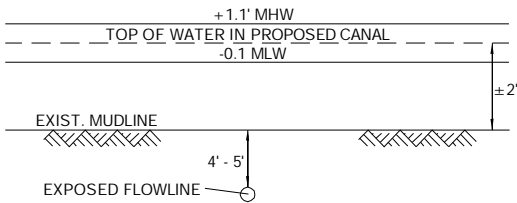
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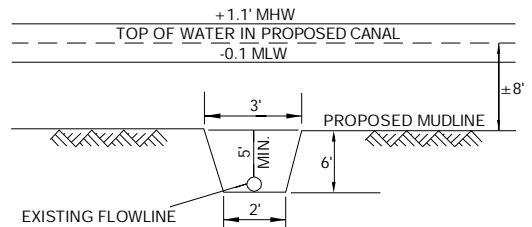
+1.1' MHW  
-0.1 MLW



**TYPICAL FLOWLINE LOWERING**  
NOT TO SCALE



**TYPICAL FLOWLINE X-SECTION  
IN WATER BEFORE LOWERING**  
NOT TO SCALE



**TYPICAL FLOWLINE X-SECTION  
IN WATER AFTER LOWERING**  
NOT TO SCALE

APPROXIMATELY 83 CU. YARDS (0.02 ACRES) OF MATERIAL TO BE DISPLACED  
THROUGH LOWERING OF FLOWLINES.



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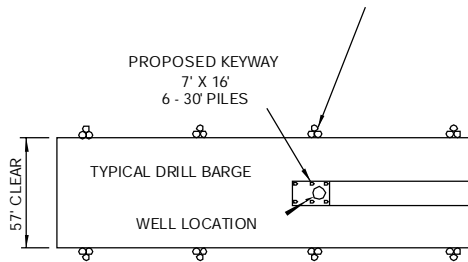
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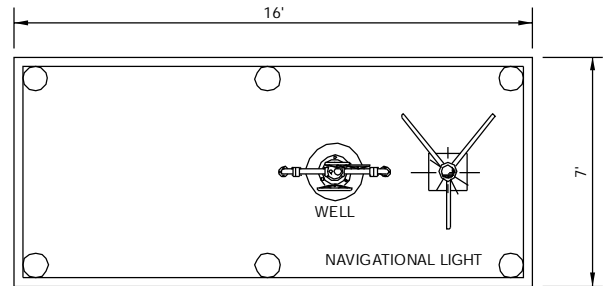
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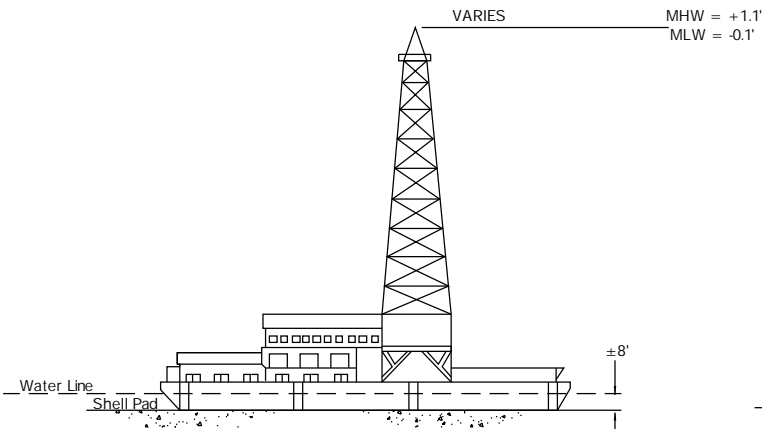
NOTE:  
8 TEMPORARY 3 PILE CLUSTER TO BE  
DRIVEN TO ASSIST IN REMOVING DRILL BARGE  
FROM LOC'N. TEMPORARY CLUSTERS TO BE  
PULLED WHEN PERMANENT WELL GUARD  
IS INSTALLED.



PLAN

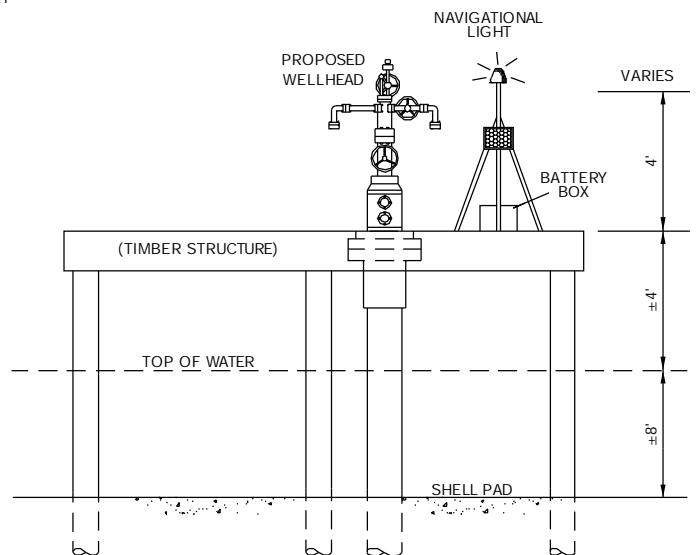


TOP VIEW



ELEVATION

TYPICAL DIESEL POWER DRILL BARGE



SIDE VIEW

PROPOSED  
WELL HEAD PROTECTOR

All structures, facilities, well and pipelines/flowlines shall be removed within 120 days of abandonment of the facilities for the herein permitted use. 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 removal activities. All structures will be marked in accordance with U.S. Coast Guard regulations.

As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Coastal Management Division, P. O. Box 44487, Baton Rouge, LA. 70804-4487 and LL&E 808 Bayou Black Drive, Houma, La., 70360.

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Louisiana Department of Wildlife and Fisheries (LDWF) Fur and Refuge Division  
STANDARD CONDITIONS FOR OYSTER LEASING AREAS

Revised February 28, 2007

The following standard conditions are for activities in oyster leasing areas.

1. Applicant shall not discharge any drilling and/or workover effluent except for flocculated filtered water.
2. Applicant shall not discharge any human waste which does not meet or exceed the requirements of the Louisiana Department of Health and Hospitals.
3. Applicant shall not discharge any produced waters.
4. Applicant is subject to all applicable state laws related to damages which are demonstrated to have been caused by this proposed action.
5. 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.
6. Applicant will provide to LDWF a water bottom assessment (unless waived by LDWF) that meets LDWF protocol prior to commencement of the activity. Applicant may be required at the request of LDWF, to modify the project if the proposed location unnecessarily impacts an oyster reef.



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