

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.



**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

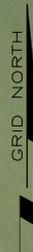
SCALE 0 2,000'
IN FEET

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\C130021

1 11

T21S-R27E



SEC. 005

SEC. 006

BEGIN DREDGING

Lat. 29° 19' 50"N
Lon. 89° 45' 41"W

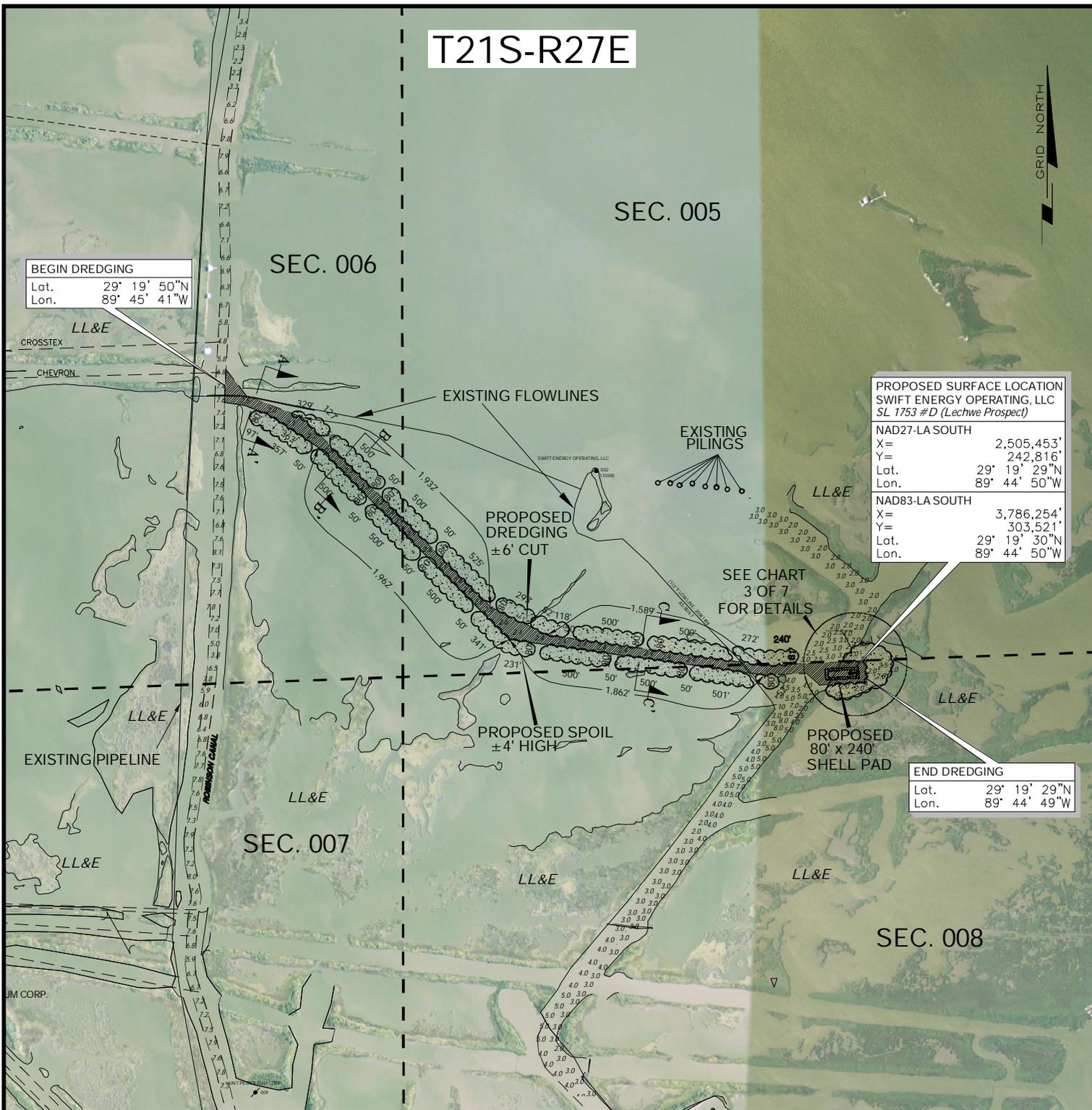
PROPOSED SURFACE LOCATION
SWIFT ENERGY OPERATING, LLC
SL 1753 #D (Lechwe Prospect)

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



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.



GEODETTIC DATUM: NAD27 & NAD83
ZONE: LOUISIANA SOUTH
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

Drwn: DUNBARJ/ECD/JLT

Chart: Of:

Dwgfile: L:\2013\130021\CAD\C130021A

2 11



BEGIN FLOWLINE LOWERING
 Lat. 29° 19' 50"N
 Lon. 89° 45' 41"W

END FLOWLINE LOWERING
 Lat. 29° 19' 49"N
 Lon. 89° 45' 38"W

EXISTING FLOWLINE TO BE LOWERED (SEE CHART 9 OF 11)

PROPOSED DREDGING ± 6' CUT

PROPOSED SPOIL ± 4' HIGH

LEGEND:

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

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.



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

SCALE 0 200'
 IN FEET

Proj. Mgr.: JLT
 Revised:
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Job No.: 13-0021 | Date: 3/12/13 | Drwn: DUNBARJ/ECD | Chart: Of: 3 11

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

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

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

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



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.



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

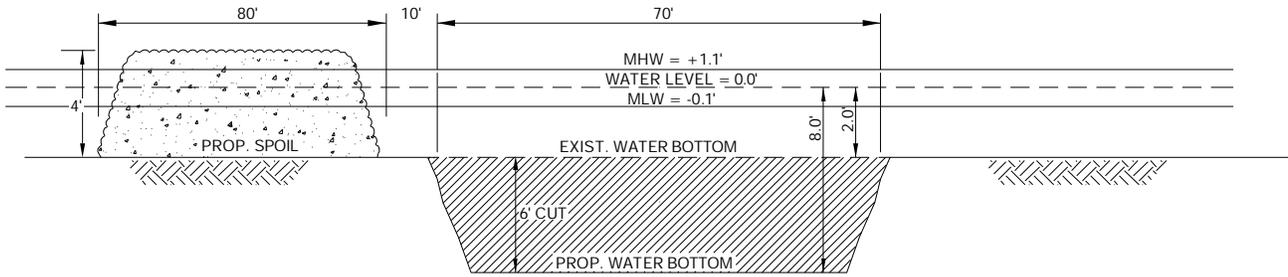
SCALE 0 200'
IN FEET

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

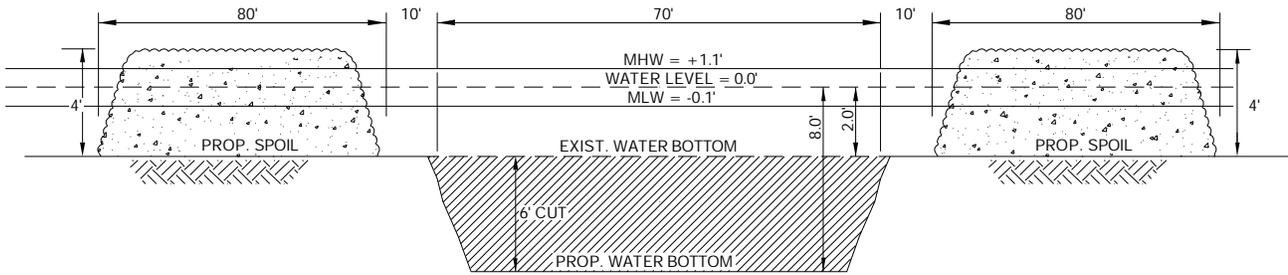
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Chart: Of:
4 11

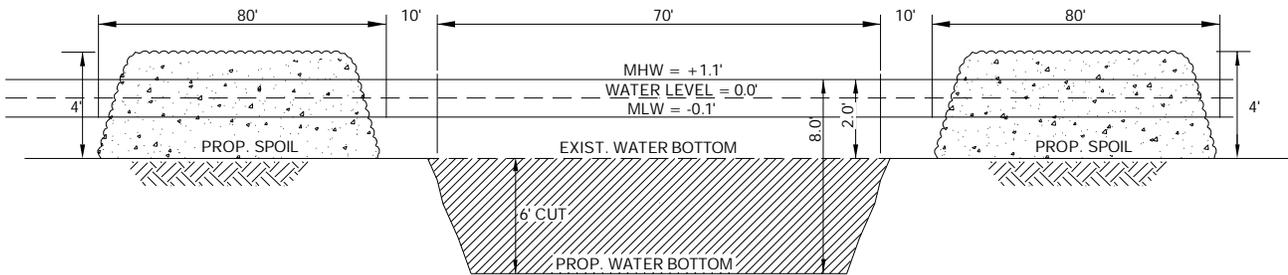
MHW = +1.1'
MLW = -0.1'



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.



**PROPOSED LOCATION, DREDGING,
SHELL PAD & STRUCTURES**
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PLAQUEMINES PARISH, LOUISIANA

JOHN CHANCE
LAND SURVEYS, INC.



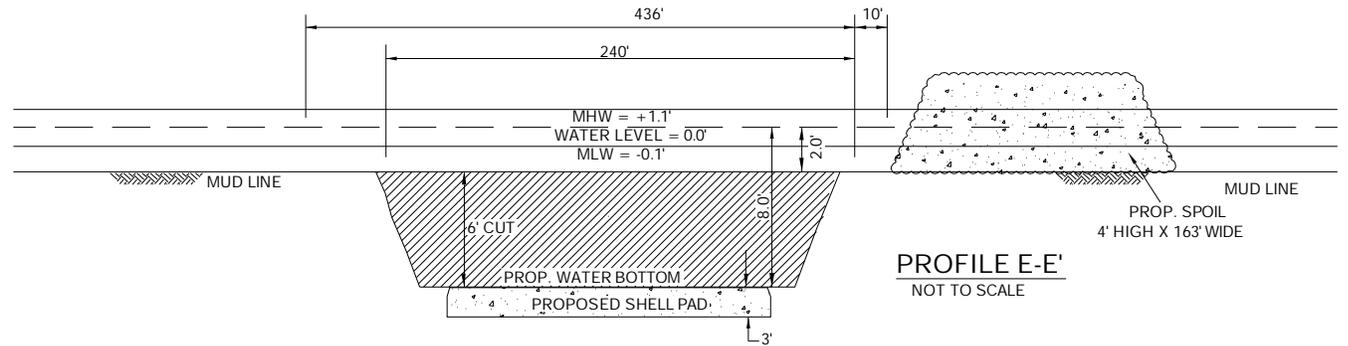
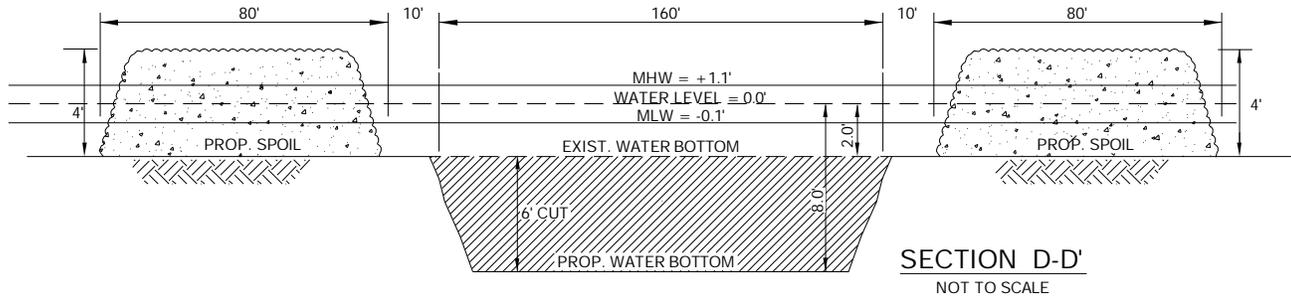
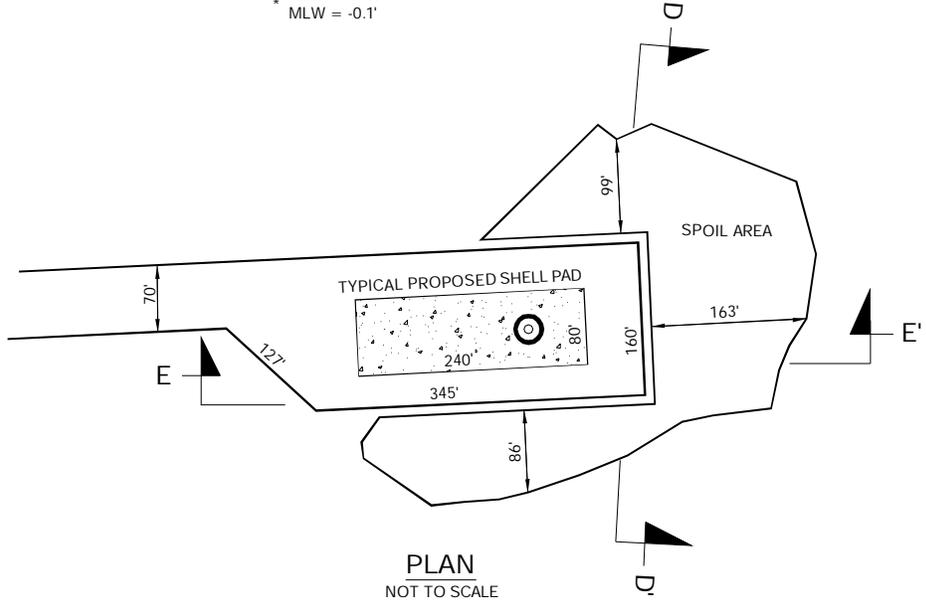
GEODETTIC DATUM: NAD27 & NAD83
ZONE: LOUISIANA SOUTH
GRID UNITS: US SURVEY FEET

NOT TO SCALE

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

Job No.: 13-0021	Date: 3/12/13	Drwn: DUNBARJ/JLT/ECD	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.



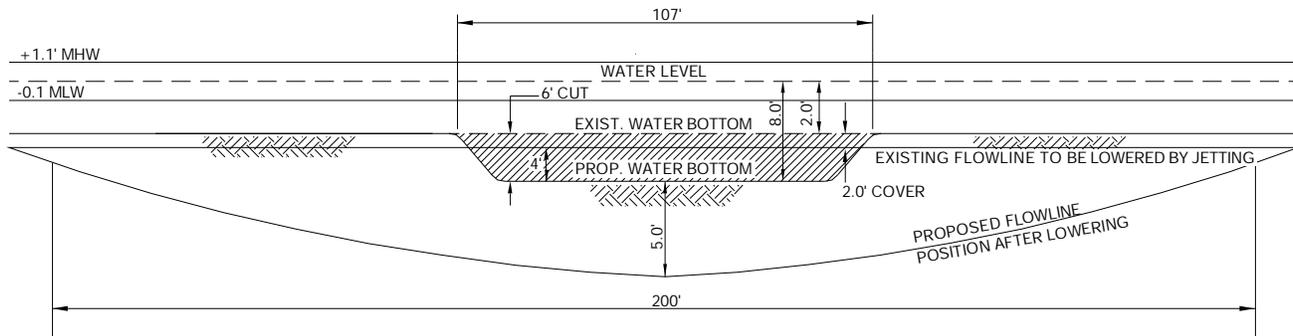
**PROPOSED LOCATION, DREDGING,
 SHELL PAD & STRUCTURES**
 SL 1753 #D (Lechwe Prospect)
 SECTIONS 005, 006 & 008, T21S-R27E
 PLAQUEMINES PARISH, LOUISIANA



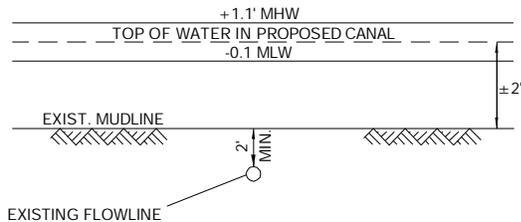
GEODEIC DATUM: NAD27 & NAD83 ZONE: LOUISIANA SOUTH GRID UNITS: US SURVEY FEET		NOT TO SCALE	
Job No.: 13-0021	Date: 3/12/13	Drwn: DUNBARJ/ECD	Chart: Of:
Dwgfile: L:\2013\130021\CAD\C130021E		6 11	

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

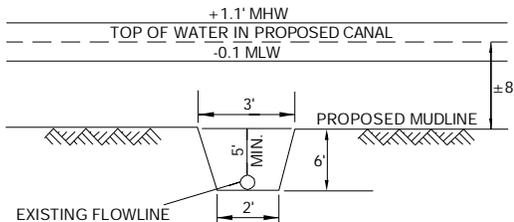
+1.1' MHW
-0.1 MLW



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.



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

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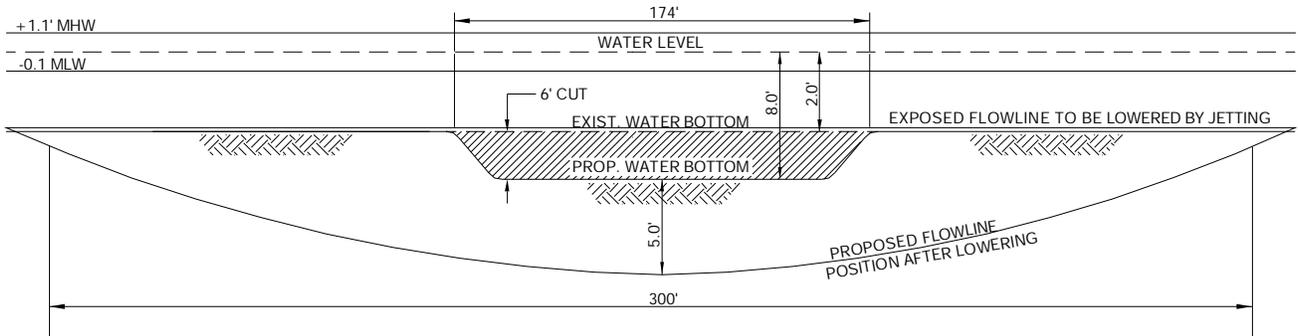
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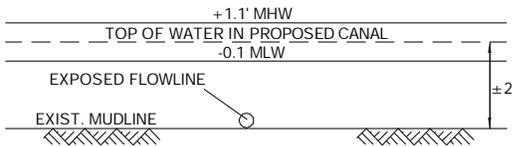
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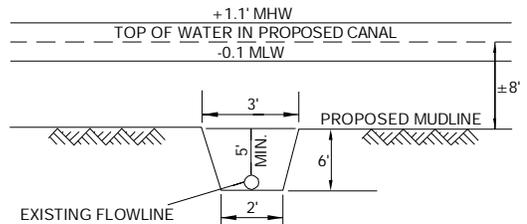
+1.1' MHW
-0.1 MLW



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.



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

NOT TO SCALE

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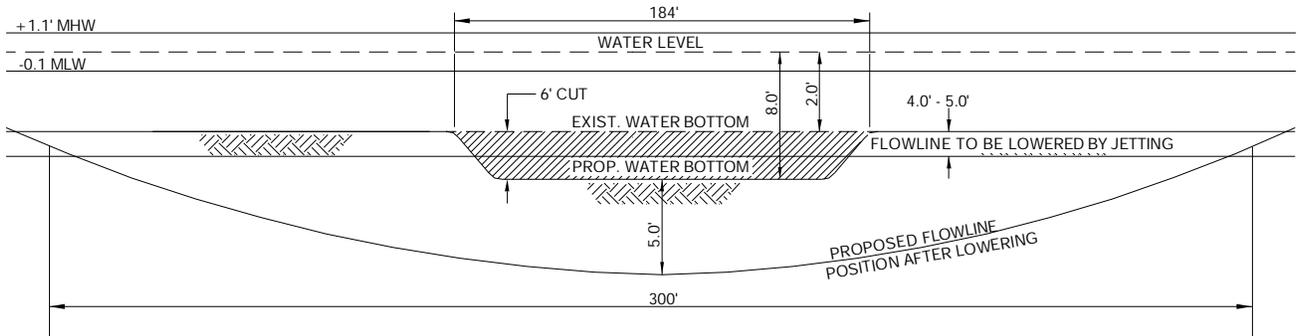
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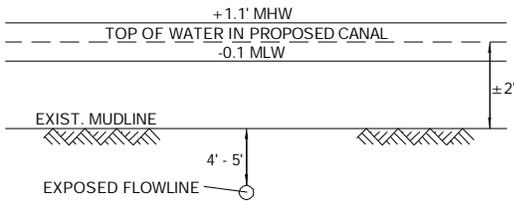
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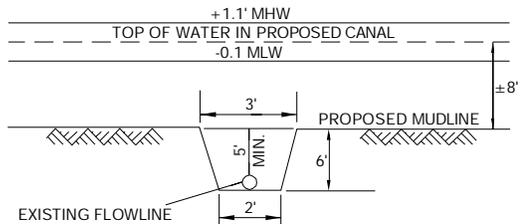
+1.1' MHW
-0.1 MLW



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.



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
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GEODETIC DATUM: NAD27 & NAD83
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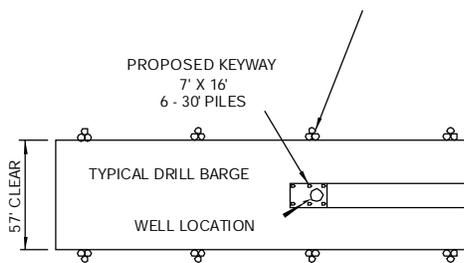
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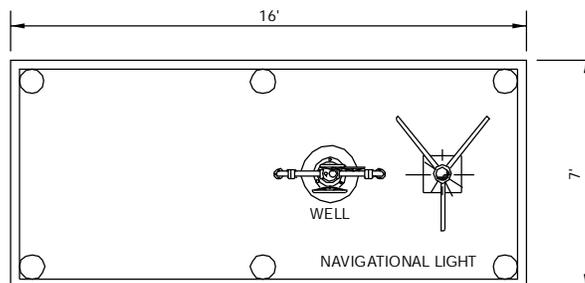
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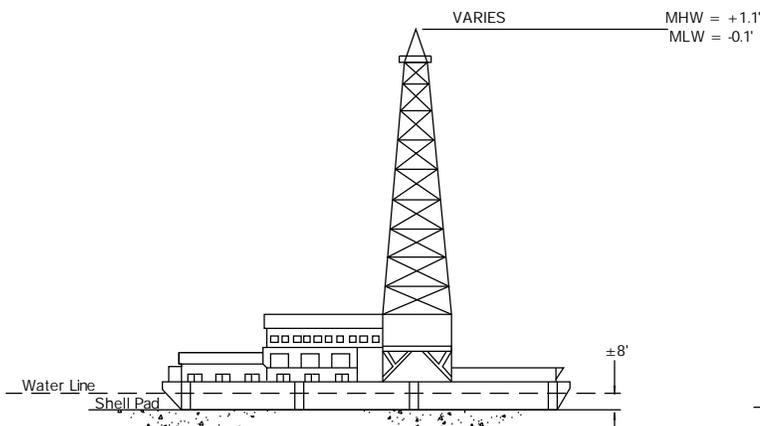
NOTE:
 8 TEMPORARY 3 PILE CLUSTER TO BE
 DRIVEN TO ASSIST IN REMOVING DRILL BARGE
 FROM LOC'N. TEMPORARY CLUSTERS TO BE
 PULLED WHEN PERMANENT WELL GUARD
 IS INSTALLED.



PLAN

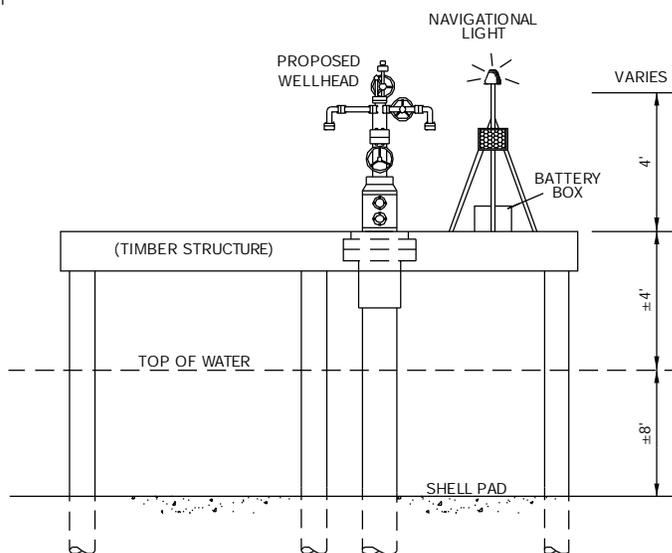


TOP VIEW



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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SWIFT ENERGY OPERATING, LLC

PROPOSED LOCATION, DREDGING,

SHELL PAD & STRUCTURES

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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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