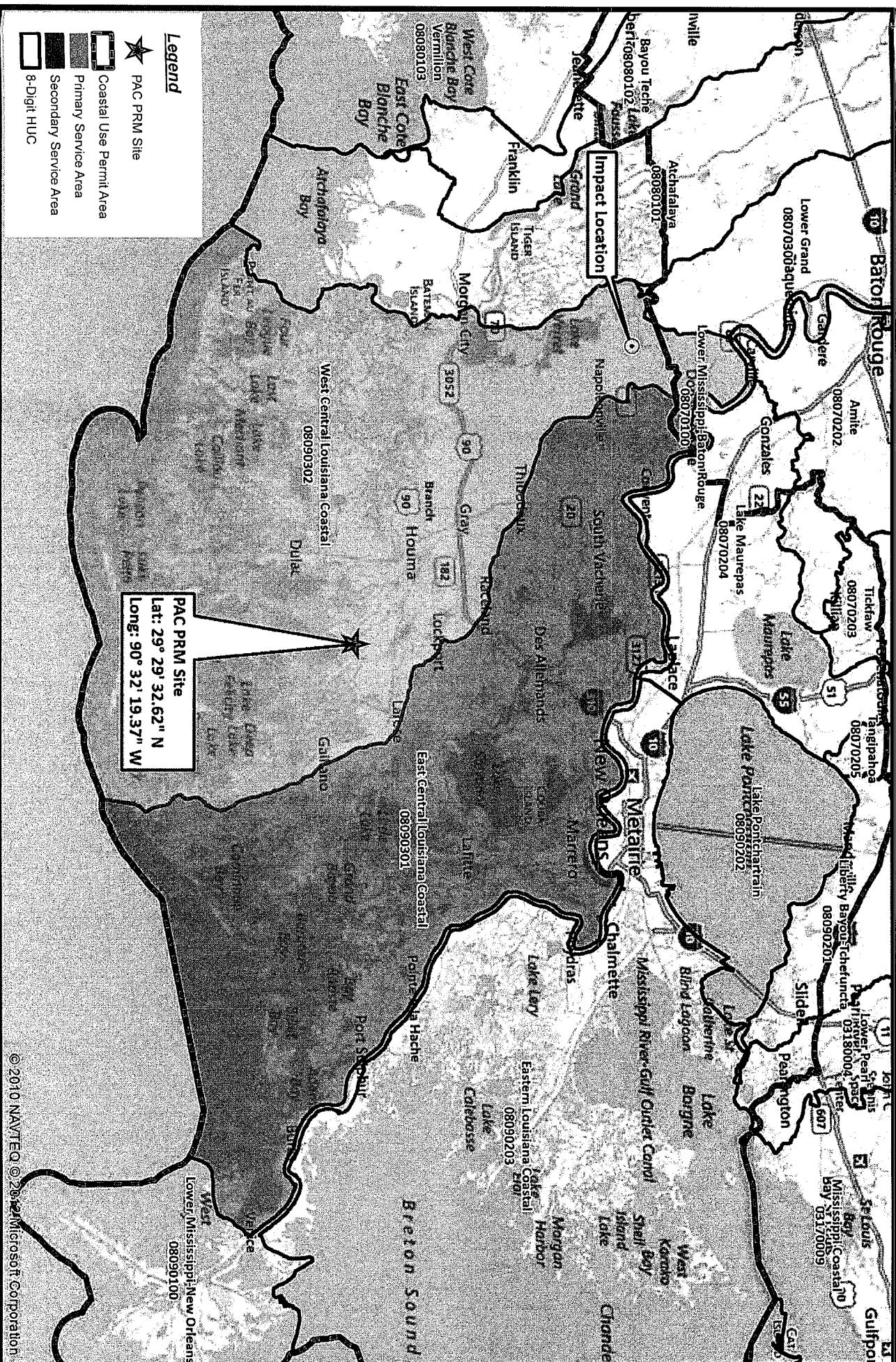


PRM PLATS



POINTE AUX CHENES - PERMITTEE RESPONSIBLE MITIGATION PLAN

TERREBONNE PARISH, LOUISIANA

1331 IBM Version 11.0 2010-11-14



Resource
Environmental
Solutions

© 2010 NAVI EQ © 2012 Microsoft Corporation

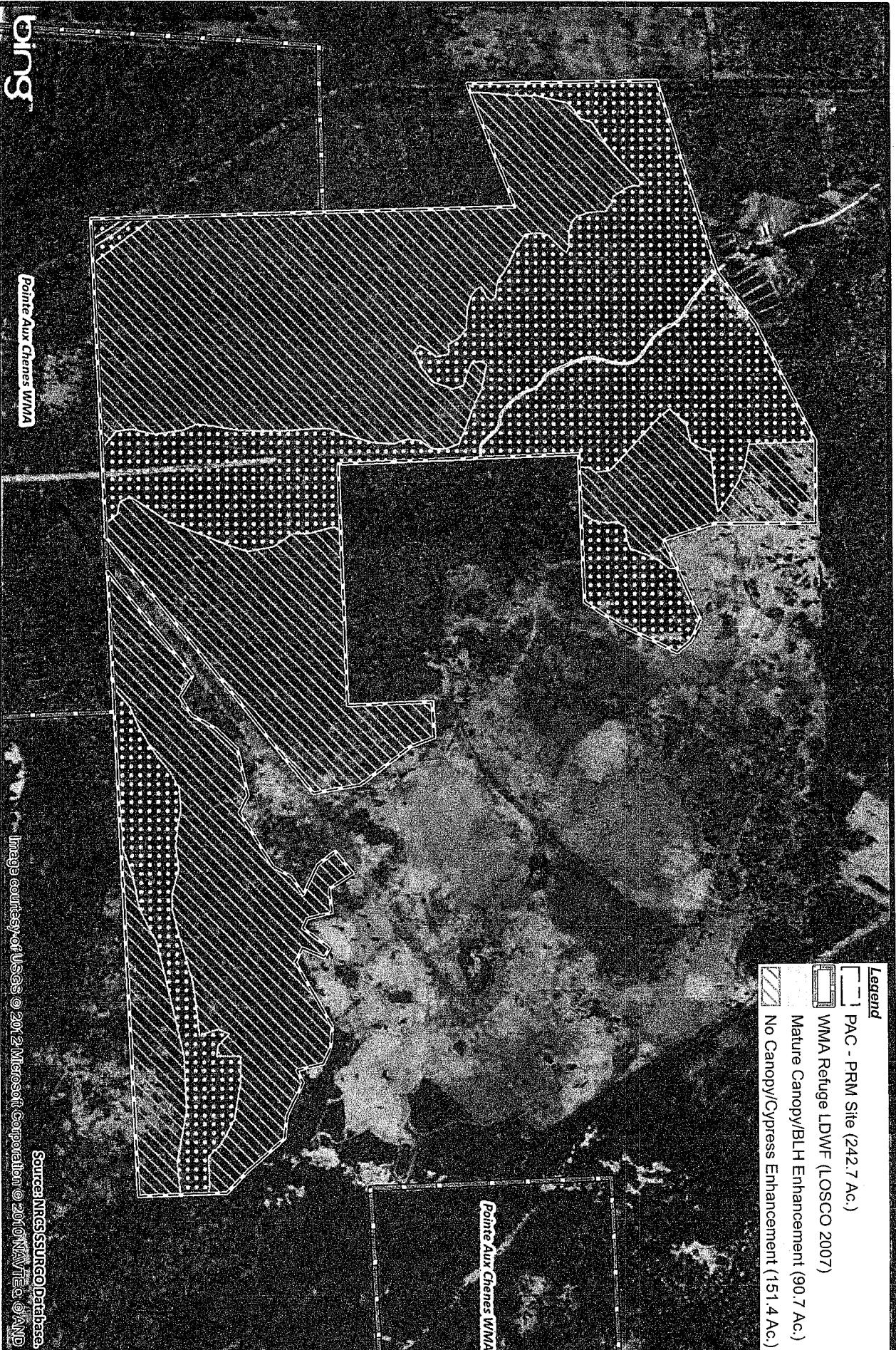


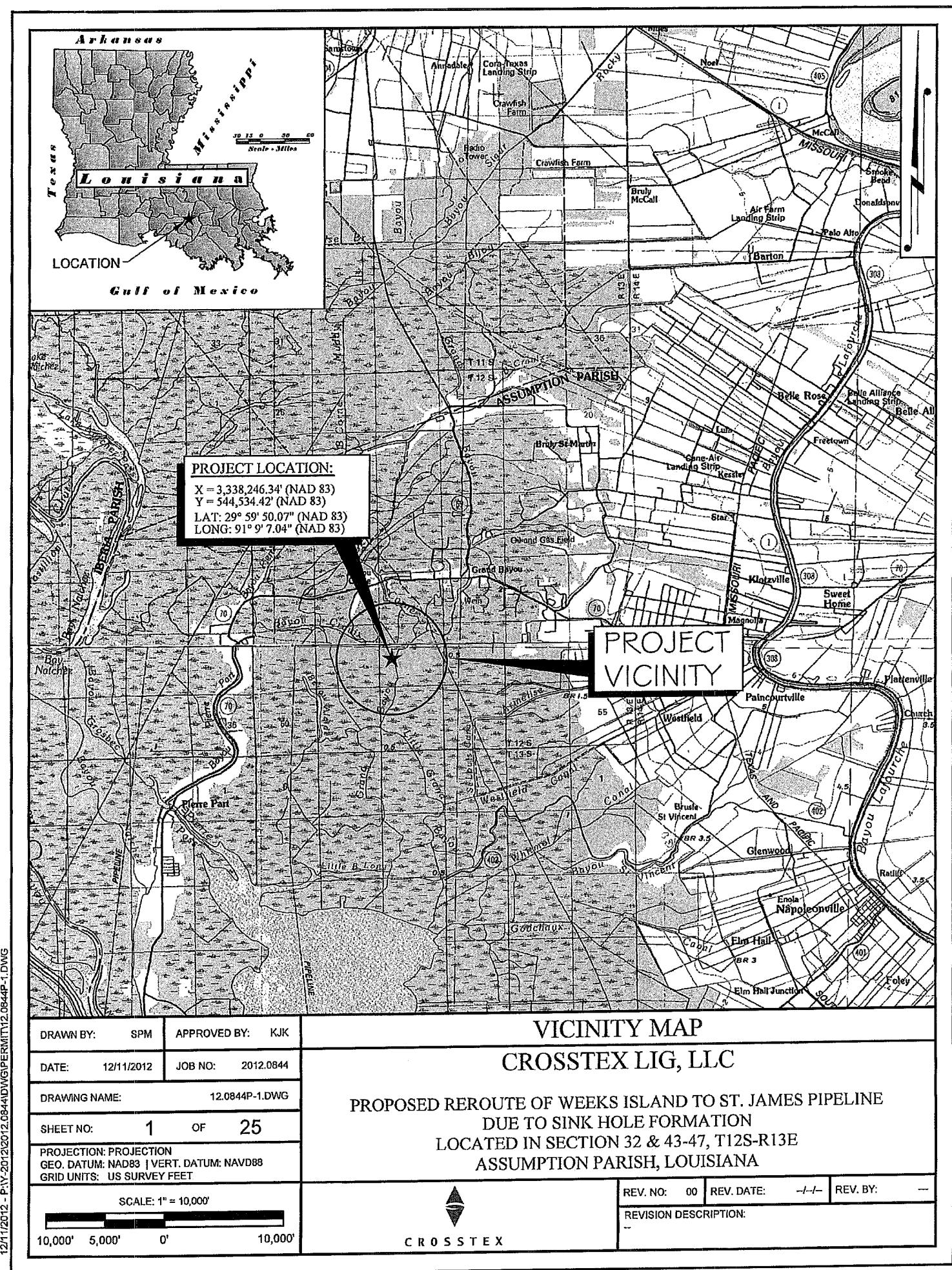
FIGURE 6

POINTE AUX CHENES - PERMITTEE RESPONSIBLE MITIGATION PLAN
MITIGATION PLAN MAP

TERREBONNE PARISH, LOUISIANA

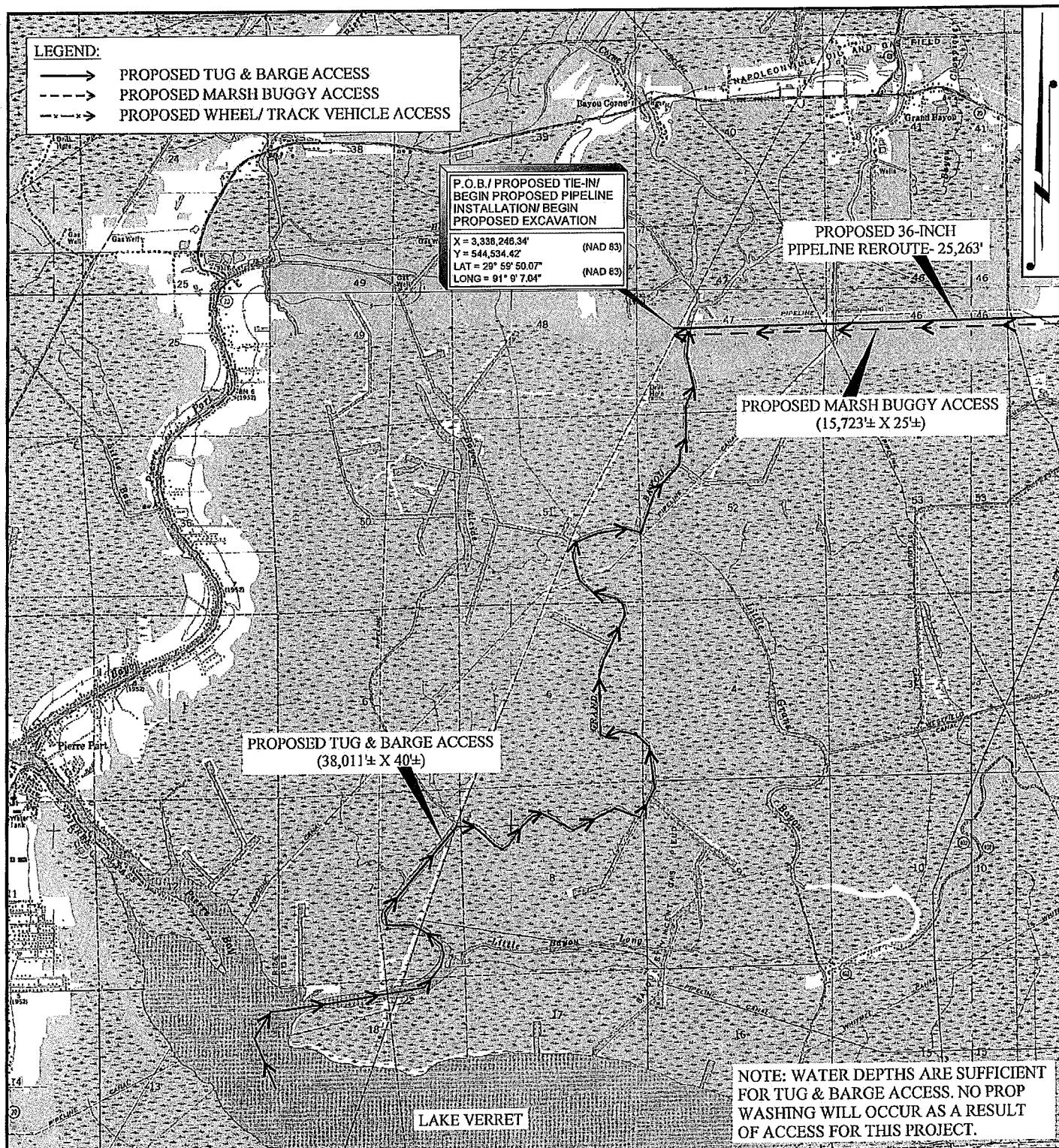
Res
Resource
Environmental
Solutions

Revised Plots & Drawings



LEGEND:

- PROPOSED TUG & BARGE ACCESS
- - - → PROPOSED MARSH BUGGY ACCESS
- - - - → PROPOSED WHEEL/ TRACK VEHICLE ACCESS



DRAWN BY: SPM APPROVED BY: KJK

ACCESS MAP

CROSSTEX LIG, LLC

PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE
DUE TO SINK HOLE FORMATION
LOCATED IN SECTION 32 & 43-47, T12S-R13E
ASSUMPTION PARISH, LOUISIANA

DATE: 12/11/2012 JOB NO: 2012.0844

DRAWING NAME: 12.0844P-1.DWG

SHEET NO: 2 OF 25

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

SCALE: 1" = 4000'

4000' 2000' 0' 4000'



REV. NO: 00 REV. DATE: -/-/- REV. BY: -

REVISION DESCRIPTION:

-

LEGEND:

- PROPOSED TUG & BARGE ACCESS
- - - → PROPOSED MARSH BUGGY ACCESS
- - - - → PROPOSED WHEEL/ TRACK VEHICLE ACCESS

EXISTING 36-INCH
PIPELINE TO BE ABANDONED
IN PLACE- 20,721'

P.O.B./ PROPOSED TIE-IN
BEGIN PROPOSED PIPELINE
INSTALLATION/ BEGIN
PROPOSED EXCAVATION/
BEGIN ABANDONMENT

X = 3,358,246.34' (NAD 83)
Y = 544,534.42' (NAD 83)

LAT = 29° 59' 50.07" (NAD 83)
LONG = 91° 9' 7.04"

PROPOSED 36-INCH
PIPELINE REROUTE- 25,263'

PROPOSED MARSH BUGGY ACCESS
(15,723' ± X 25')

END PROPOSED
EXCAVATION/ PROPOSED
BORE ENTRY

X = 3,353,117.5' (NAD 83)
Y = 553,025.80' (NAD 83)

LAT = 30° 1' 13.86" (NAD 83)
LONG = 91° 6' 17.72"

PROPOSED BORE EXIT/
BEGIN PROPOSED
EXCAVATION

X = 3,354,418.06' (NAD 83)
Y = 550,744.18' (NAD 83)

LAT = 30° 0' 51.25" (NAD 83)
LONG = 91° 6' 2.98"

END PROPOSED
EXCAVATION/ PROPOSED
BORE ENTRY

X = 3,354,558.45' (NAD 83)
Y = 550,506.32' (NAD 83)

LAT = 30° 0' 48.89" (NAD 83)
LONG = 91° 6' 1.39"

PROPOSED BORE ENTRY/
BEGIN PROPOSED
EXCAVATION

X = 3,353,767.16' (NAD 83)
Y = 547,759.36' (NAD 83)

LAT = 30° 0' 21.72" (NAD 83)
LONG = 91° 6' 10.45"

END ABANDONMENT/
PROPOSED BORE EXIT/
END PROPOSED PIPELINE
INSTALLATION/ PROPOSED
TIE-IN P.O.E.

X = 3,352,763.65' (NAD 83)
Y = 553,642.40' (NAD 83)

LAT = 30° 1' 19.97" (NAD 83)
LONG = 91° 6' 21.73"

PROPOSED WHEEL/ TRACK
VEHICLE ACCESS
(10,060' ± X 25')

END PROPOSED
EXCAVATION/ PROPOSED
BORE EXIT

X = 3,353,767.34' (NAD 83)
Y = 547,564.96' (NAD 83)

LAT = 30° 0' 19.79" (NAD 83)
LONG = 91° 6' 10.46"

NOTE: WATER DEPTHS ARE SUFFICIENT
FOR TUG & BARGE ACCESS. NO PROP
WASHING WILL OCCUR AS A RESULT
OF ACCESS FOR THIS PROJECT.

DRAWN BY: SPM APPROVED BY: KJK

DATE: 12/11/2012 JOB NO: 2012.0844

DRAWING NAME: 12.0844P-1.DWG

SHEET NO: 3 OF 25

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

SCALE: 1" = 3000'

3000' 1500' 0' 3000'

CROSSTEX

REV. NO: 02 REV. DATE: 01/04/2013 REV. BY: SPM

REVISION DESCRIPTION:
LABELS.

PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE
DUE TO SINK HOLE FORMATION
LOCATED IN SECTION 32 & 43-47, T12S-R13E
ASSUMPTION PARISH, LOUISIANA

MHW = +1.0'
MLW = 0.0'

TREES

TREES

TREES

TREES

P.O.B./PROPOSED TIE-IN/
BEGIN PROPOSED PIPELINE
INSTALLATION/BEGIN
PROPOSED EXCAVATION

X = 3,338,246.34' (NAD 83)
Y = 544,534.42' (NAD 83)
LAT = 29° 59' 50.07"
LONG = 91° 9' 7.04"

TREES

GRAND BAYOU

PROPOSED CLEARING
(835± X 110±)

PROPOSED CLEARING
(828± X 110±)

TREES

PROPOSED CLEARING
(734± X 532±)

TREES

1054±

110±

PROPOSED CLEARING
(168± X 468±)

TREES

PROPOSED 36-INCH
PIPELINE REROUTE- 25,263'
SEE SHEET 21 FOR DETAIL

MATCHLINE A

LEGEND:

- — DENOTES EXISTING PIPELINE
- — — DENOTES WORK SPACE

PLAN VIEW

CROSSTEX LIG, LLC

**PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE
DUE TO SINK HOLE FORMATION
LOCATED IN SECTION 32 & 43-47, T12S-R13E
ASSUMPTION PARISH, LOUISIANA**

DRAWN BY:	SPM	APPROVED BY:	KJK
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DATE:	12/11/2012	JOB NO:	2012.0844
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DRAWING NAME:	12.0844P-2.DWG
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SHEET NO:	4	OF	25
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PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET

SCALE: 1" = 400'

400' 200' 0' 400'

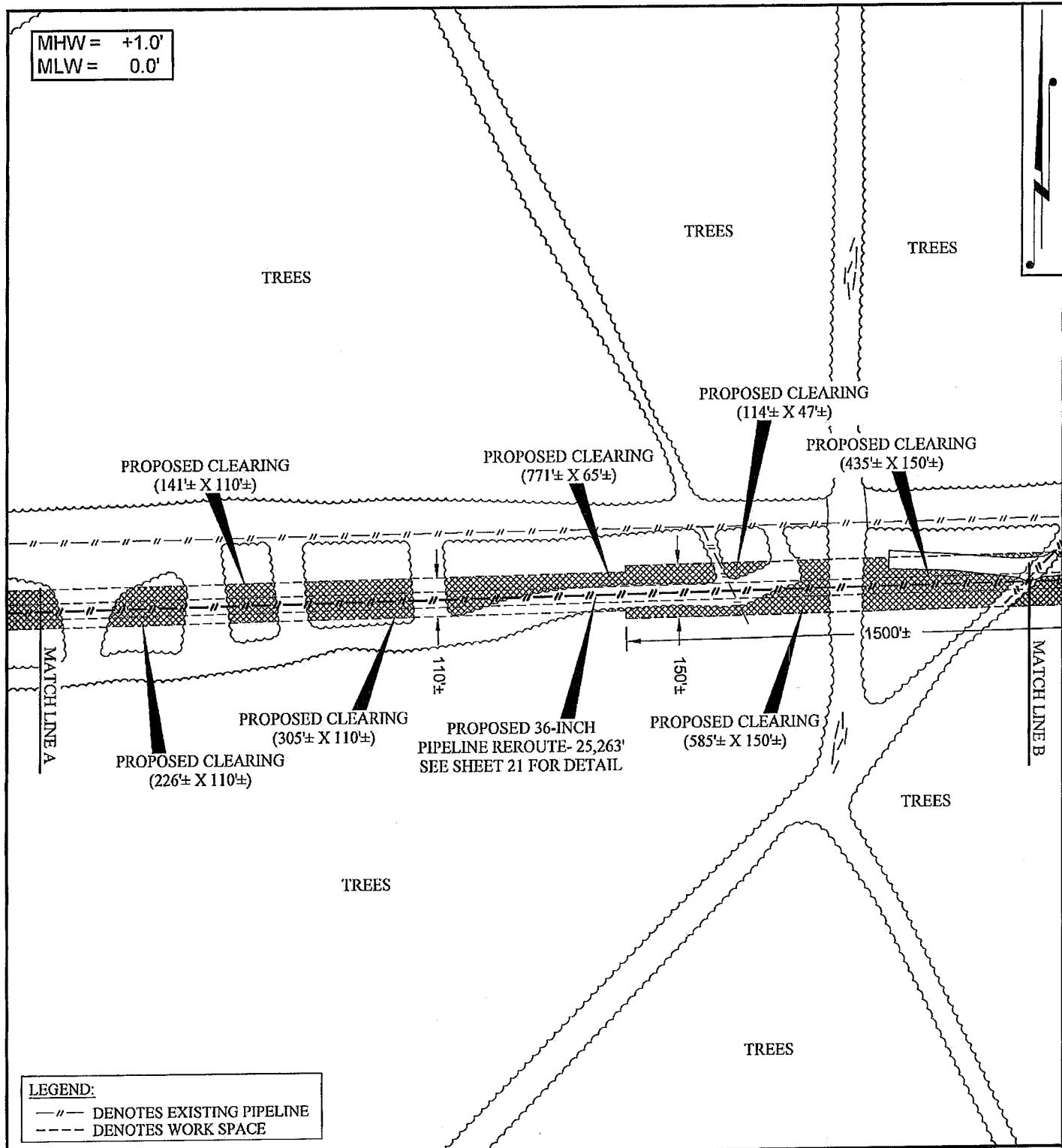


REV. NO:	00	REV. DATE:	-/-	REV. BY:	-
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REVISION DESCRIPTION:

-

MHW = +1.0'
MLW = 0.0'



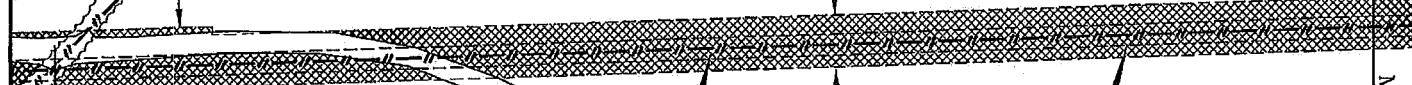
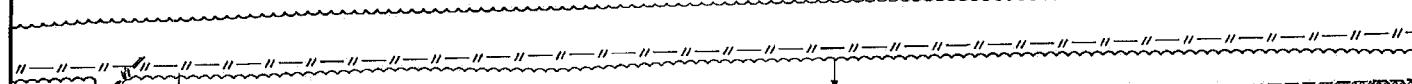
12/13/2012 - P.I.Y-2012/2012.0844P-2.DWG

DRAWN BY: SPM		APPROVED BY: KJK		PLAN VIEW								
DATE: 12/11/2012	JOB NO: 2012.0844											
DRAWING NAME: 12.0844P-2.DWG		CROSSTEX LIG, LLC										
SHEET NO: 5 OF 25		PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE DUE TO SINK HOLE FORMATION LOCATED IN SECTION 32 & 43-47, T12S-R13E ASSUMPTION PARISH, LOUISIANA										
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET		<div style="text-align: center;">  CROSSTEX </div>										
SCALE: 1" = 400'		<table border="1" style="width: 100%;"> <tr> <td>REV. NO: 00</td> <td>REV. DATE: -/-/-</td> <td>REV. BY: --</td> </tr> <tr> <td colspan="3">REVISION DESCRIPTION: --</td> </tr> </table>					REV. NO: 00	REV. DATE: -/-/-	REV. BY: --	REVISION DESCRIPTION: --		
REV. NO: 00	REV. DATE: -/-/-	REV. BY: --										
REVISION DESCRIPTION: --												
400' 200' 0' 400'												

MHW = +1.0'
MLW = 0.0'

TREES

TREES



150±

PROPOSED CLEARING
(862± X 93±)

PROPOSED 36-INCH
PIPELINE REROUTE- 25,263'
SEE SHEET 21 FOR DETAIL

110±

PROPOSED CLEARING
(2,588± X 110±)

MATCH LINE C

MATCH LINE B

TREES

LEGEND:

- “— DENOTES EXISTING PIPELINE
- - - - - DENOTES WORK SPACE

DRAWN BY:	SPM	APPROVED BY:	KJK
DATE:	12/11/2012	JOB NO:	2012.0844
DRAWING NAME:	12.0844P-2.DWG		
SHEET NO:	6 OF 25		
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			
SCALE: 1" = 400'			

PLAN VIEW

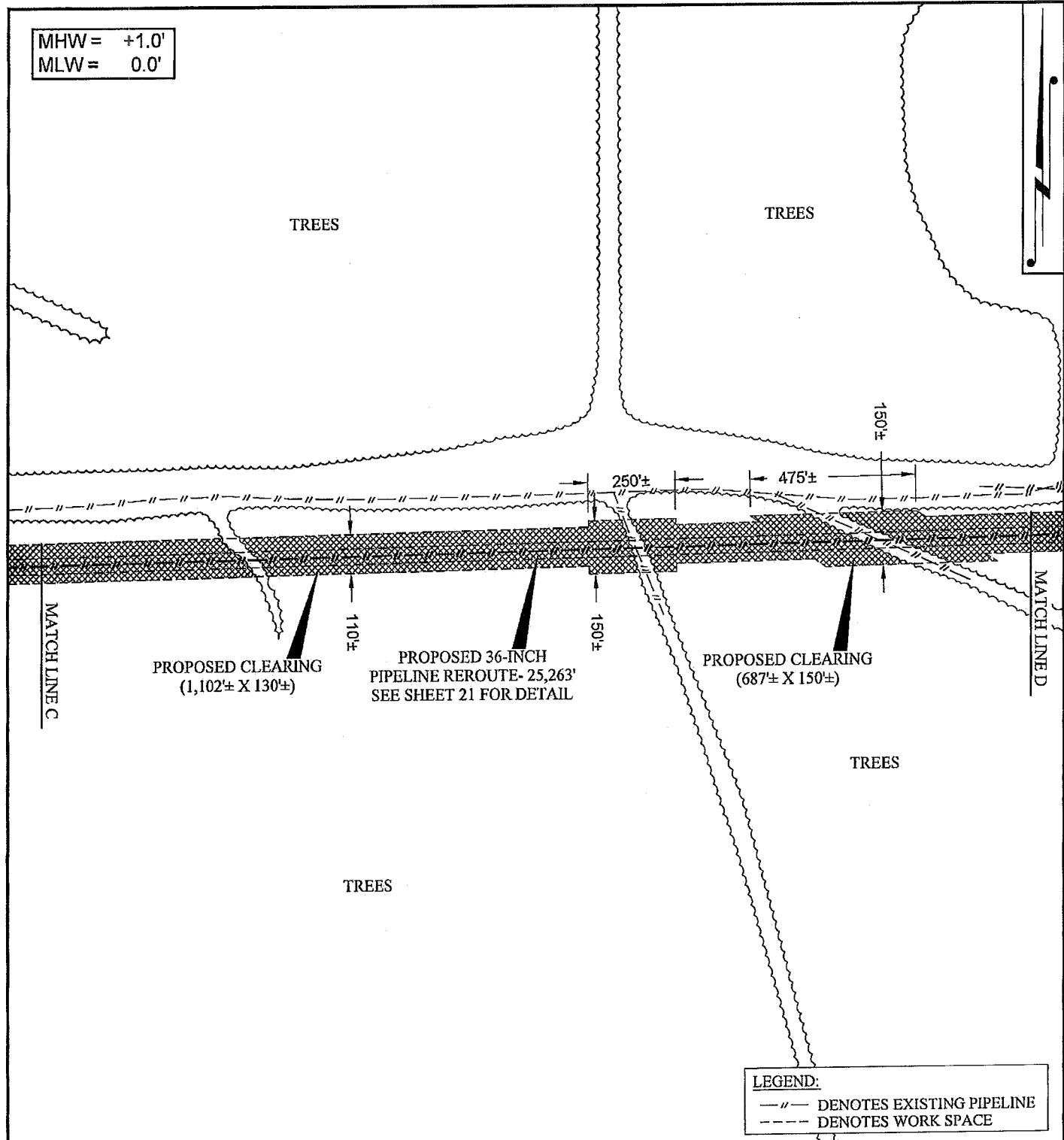
CROSSTEX LIG, LLC

PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE
DUE TO SINK HOLE FORMATION
LOCATED IN SECTION 32 & 43-47, T12S-R13E
ASSUMPTION PARISH, LOUISIANA



REV. NO: 00	REV. DATE: -/-/-	REV. BY: -
REVISION DESCRIPTION: --		

MHW = +1.0'
MLW = 0.0'



DRAWN BY:	SPM	APPROVED BY:	KJK
DATE:	12/11/2012	JOB NO:	2012.0844
DRAWING NAME:	12.0844P-2.DWG		
SHEET NO:	7 OF 25		
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			
SCALE: 1" = 400'			
400'	200'	0'	400'

PLAN VIEW

CROSSTEX LIG, LLC

PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE
DUE TO SINK HOLE FORMATION
LOCATED IN SECTION 32 & 43-47, T12S-R13E
ASSUMPTION PARISH, LOUISIANA



REV. NO:	01	REV. DATE:	12/17/2012	REV. BY:	SPM
REVISION DESCRIPTION: WORK SPACE					

MHW = +1.0'
MLW = 0.0'

FACILITY

TREES

TREES

MATCH LINE D

PROPOSED CLEARING
(1,002'± X 110'±)

110'

PROPOSED 36-INCH
PIPELINE REROUTE- 25,263'
SEE SHEET 21 FOR DETAIL

250'±

PROPOSED CLEARING
(1,995'± X 110'±)

MATCH LINE E

TREES

TREES

LEGEND:
—/-/- DENOTES EXISTING PIPELINE
- - - - - DENOTES WORK SPACE

DRAWN BY:	SPM	APPROVED BY:	KJK
DATE:	12/11/2012	JOB NO:	2012.0844
DRAWING NAME:	12.0844P-2.DWG		
SHEET NO:	8 OF 25		
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			
SCALE: 1" = 400'			
400' 200' 0' 400'			

PLAN VIEW

CROSSTEX LIG, LLC

PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE
DUE TO SINK HOLE FORMATION
LOCATED IN SECTION 32 & 43-47, T12S-R13E
ASSUMPTION PARISH, LOUISIANA



REV. NO: 01 REV. DATE: 12/17/2012 REV. BY: SPM

REVISION DESCRIPTION:
WORK SPACE.

MHW = +1.0'
MLW = 0.0'

MATCH LINE F

FACILITY

PROPOSED CLEARING
(113 \pm X 92 $\frac{1}{4}$)

PROPOSED 36-INCH
PIPELINE REROUTE- 25,263'
SEE SHEET 22 FOR DETAIL

PROPOSED CLEARING
(1,101 \pm X 130 \pm)

TREES

TREES

310 \pm
400 \pm

PROPOSED ADDITIONAL
WORKSPACE

PROPOSED P.I.

X = 3,353,769.80' (NAD 83)
Y = 544,879.95' (NAD 83)
LAT = 29° 59' 53.21"
LONG = 91° 6' 10.49"

LEGEND:

—//— DENOTES EXISTING PIPELINE
- - - - - DENOTES WORK SPACE

DRAWN BY: SPM APPROVED BY: KJK

DATE: 12/11/2012 JOB NO: 2012.0844

DRAWING NAME: 12.0844P-2.DWG

SHEET NO: 9 OF 25

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

SCALE: 1" = 400'
400' 200' 0' 400'

PLAN VIEW

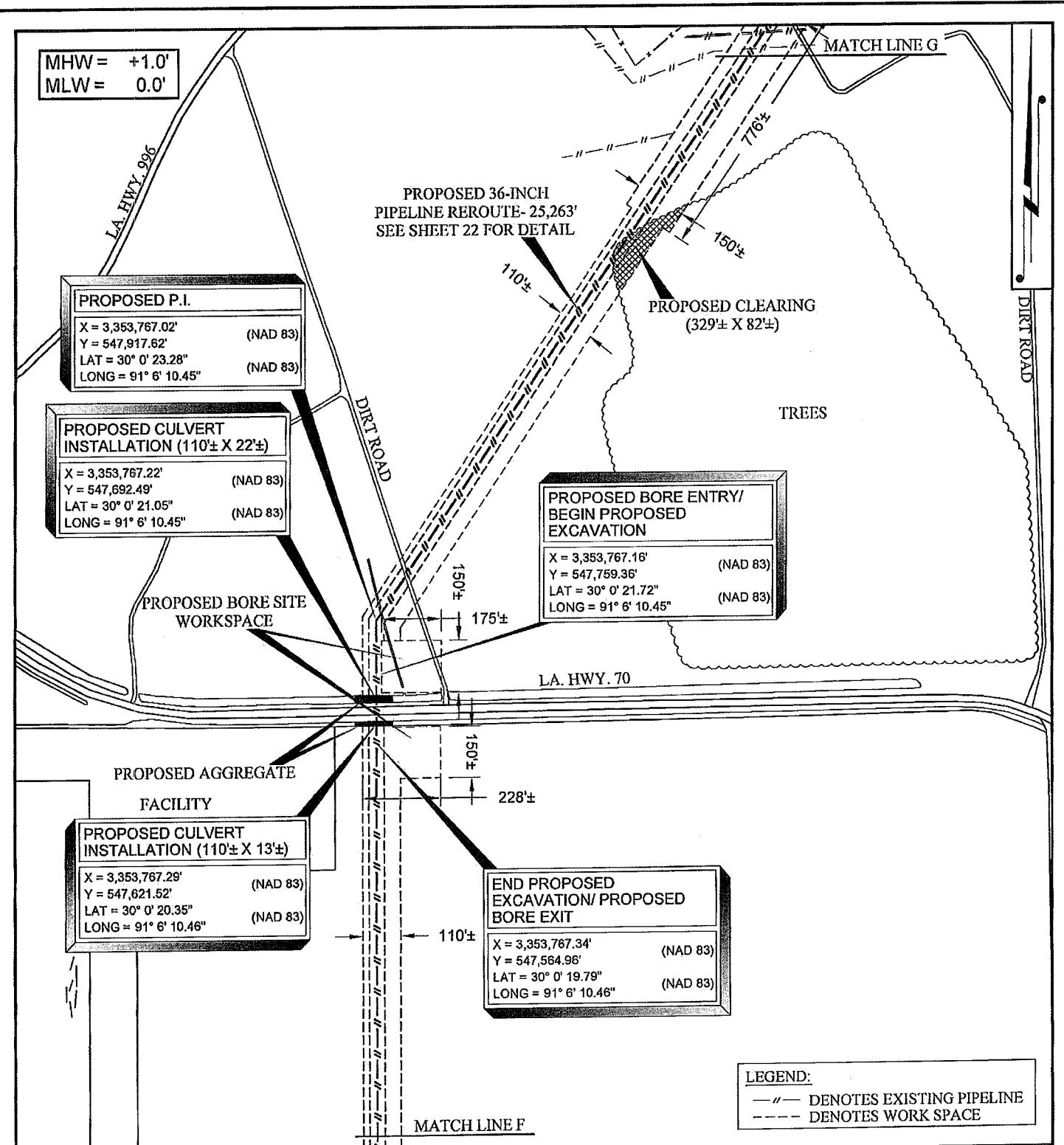
CROSSTEX LIG, LLC

PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE
DUE TO SINK HOLE FORMATION
LOCATED IN SECTION 32 & 43-47, T12S-R13E
ASSUMPTION PARISH, LOUISIANA



REV. NO: 02 REV. DATE: 01/04/2013 REV. BY: SPM

REVISION DESCRIPTION:
WORKSPACE



DRAWN BY: SPM APPROVED BY: KJK

DATE: 12/11/2012 JOB NO: 2012.0844

DRAWING NAME: 12.0844P-2.DWG

SHEET NO: 10 OF 25

PROJECTION: PROJECTION

GEO. DATUM: NAD83 | VERT. DA

SCALE: 1" = 400'

400' 200' 0' 400'

PLAN VIEW

CROSSTEX LIG, LLC

PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE

DUE TO SINK HOLE FORMATION

LOCATED IN SECTION 32 & 43-47, T12S-R13E

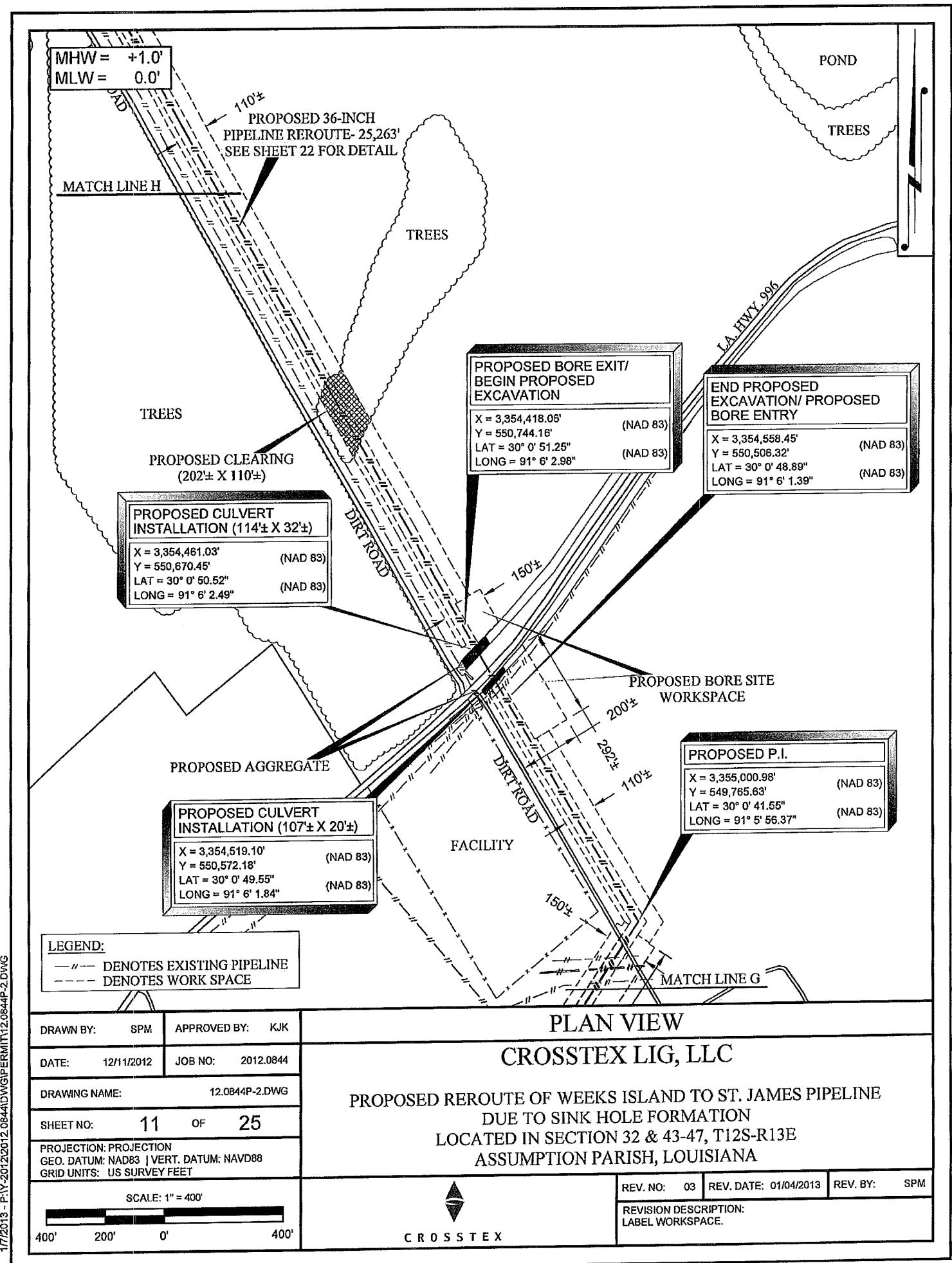
ASSUMPTION PARISH, LOUISIANA



CROSSTEX

REV. NO: 03 REV. DATE: 01/04/2013 REV. BY: SPM

**REVISION DESCRIPTION:
LABEL WORKSPACE.**



MHW = +1.0'
MLW = 0.0'

TREES

TREES

TREES

**PROPOSED BORE EXIT/END PROPOSED PIPELINE
INSTALLATION/ PROPOSED
TIE-IN P.O.E.**

X = 3,352,763.65' (NAD 83)
Y = 553,642.40' (NAD 83)
LAT = 30° 1' 19.97"
LONG = 91° 6' 21.73"

TREES

TREES

TREES

259±

PROPOSED CLEARING
(245± X 108±)

DIRT ROAD

200±

**END PROPOSED
EXCAVATION/ PROPOSED
BORE ENTRY TREES**

X = 3,353,117.75' (NAD 83)
Y = 553,025.90' (NAD 83)
LAT = 30° 1' 13.86"
LONG = 91° 6' 17.72"

TREES

PROPOSED CLEARING
(293± X 165±)

DIRT ROAD

110±

PROPOSED 36-INCH
PIPELINE REROUTE- 25,263'
SEE SHEET 22 FOR DETAIL

MATCH LINE H

TREES

LEGEND:
— “— DENOTES EXISTING PIPELINE
- - - - - DENOTES WORK SPACE

DRAWN BY: SPM APPROVED BY: KJK

PLAN VIEW

CROSSTEX LIG, LLC

PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE
DUE TO SINK HOLE FORMATION
LOCATED IN SECTION 32 & 43-47, T12S-R13E
ASSUMPTION PARISH, LOUISIANA

DATE: 12/11/2012 JOB NO: 2012.0844

DRAWING NAME: 12.0844P-2.DWG

SHEET NO: 12 OF 25

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

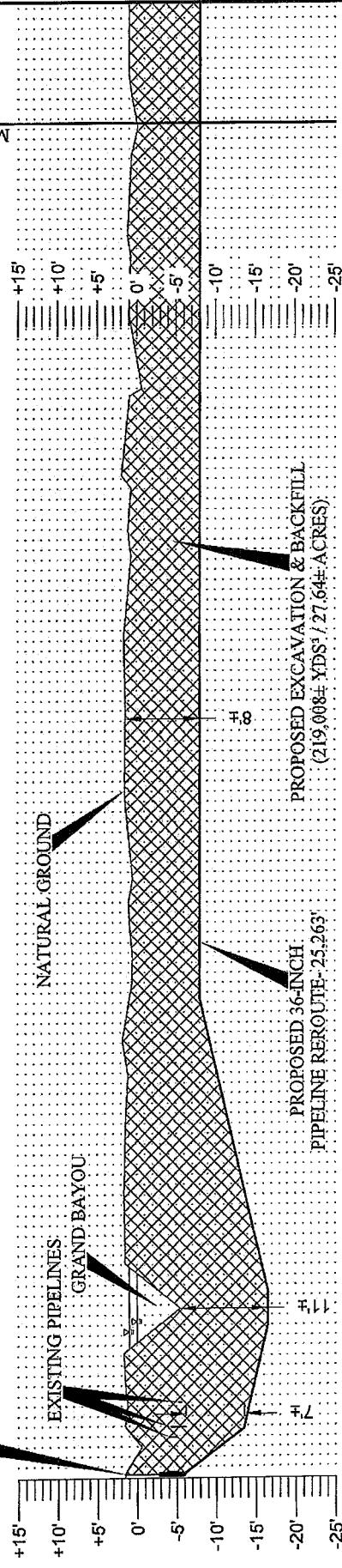
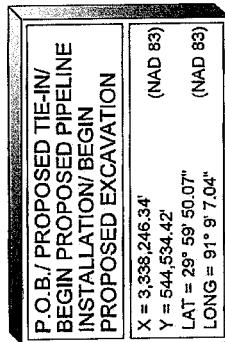
SCALE: 1" = 400'
400' 200' 0' 400'


CROSSTEX

REV. NO: 01 REV. DATE: 12/17/2012 REV. BY: SPM

REVISION DESCRIPTION:
WORKSPACE.

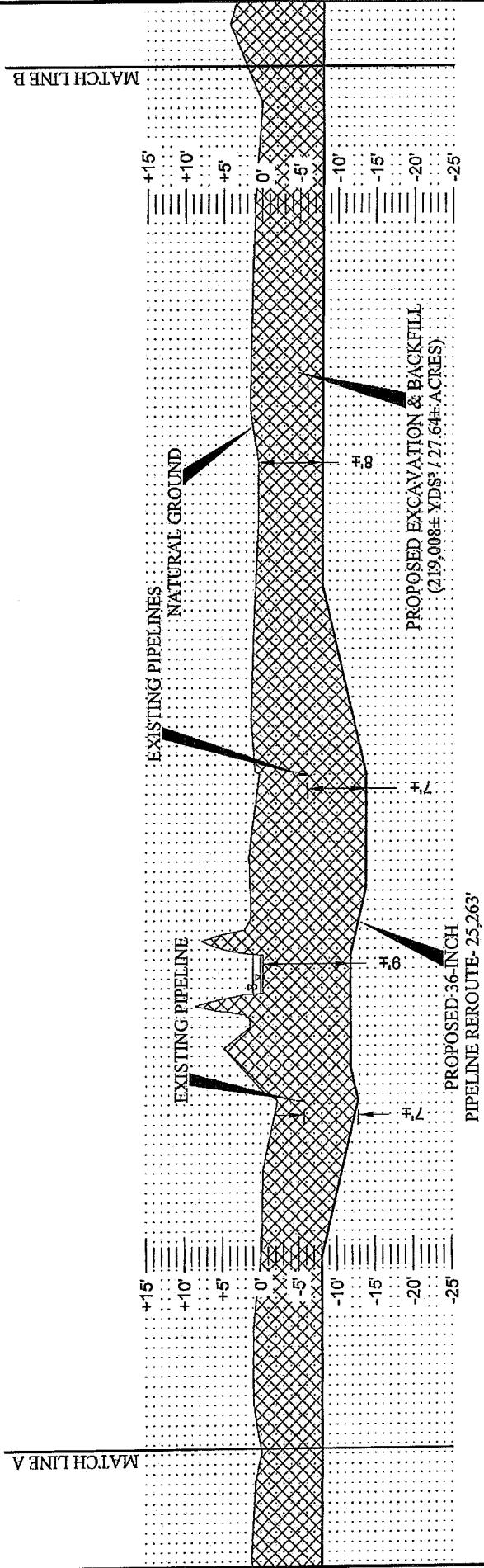
MHW = +1.0'
MLW = 0.0'



Pipeline Profile

HORIZONTAL SCALE: 1" = 400'		DRAWN BY:	SPM	APPROVED BY:	KJK	PROFILE VIEW	
400'		DATE:	12/11/2012	JOB NO:	2012.0844	CROSSTEX LIG, LLC	
200'		DRAWING NAME:	12.0844P-2.DWG				
0'		SHEET NO.:	13	OF	25	PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE	
20'	10'	PROJECTION: PROJECTION	DUE TO SINK HOLE FORMATION				
0'	0'	GEO. DATUM: NAD83 VERT. DATUM: NAVD88	LOCATED IN SECTION 32 & 43-47, T12S-R13E				
20'	20'	GRID UNITS: US SURVEY FEET	ASSUMPTION PARISH, LOUISIANA				
0'	0'	REVISION DESCRIPTION:					
0'	0'	DIMENSION:					
01	REV. DATE: 12/17/2012	REV. BY:	SPM				

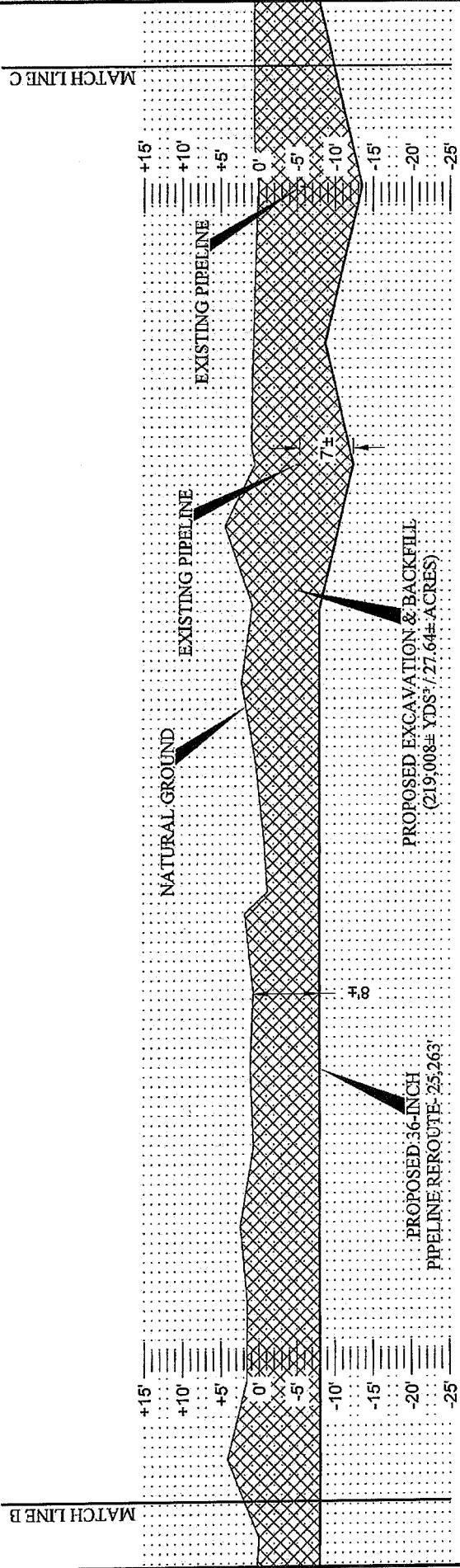
MHW = +1.0'
MLW = 0.0'



Pipeline Profile

HORIZONTAL SCALE: 1" = 400'		DRAWN BY:	SPM	APPROVED BY:
400'	0'	DATE:	12/11/2012	JOB NO: 2012-08444
VERTICAL SCALE: 1" = 20'		DRAWING NAME:	12-08444-2.DWG	
20'	0'	SHEET NO:	14	OF 25
C R O S S T E X	◆	PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE DUE TO SINK HOLE FORMATION LOCATED IN SECTION 32 & 43-47, T12S-R13E ASSUMPTION PARISH, LOUISIANA	REV. NO: 00	REV. DATE: -/-/- REV. BY: -
		PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET REVISION DESCRIPTION: -		

MHW = +1.0'
MLW = 0.0'



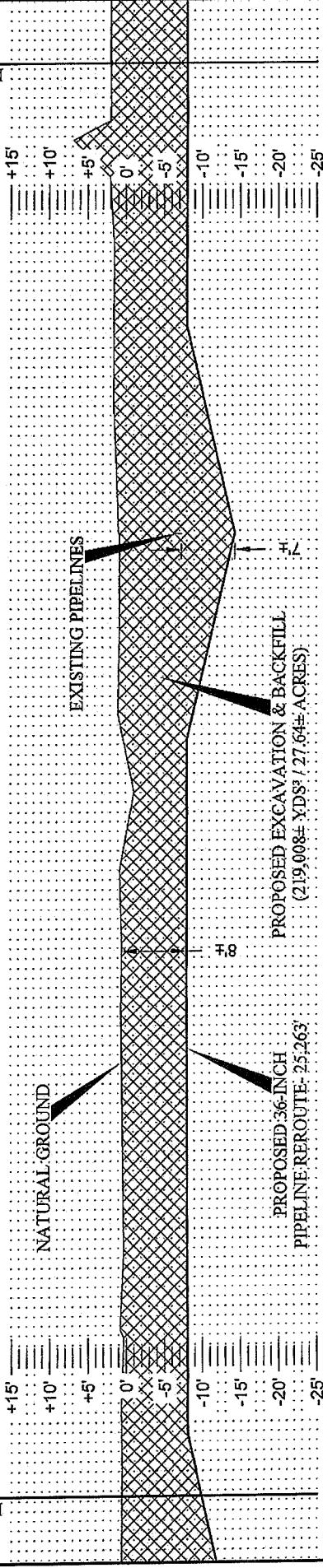
Pipeline Profile

HORIZONTAL SCALE: 1" = 400'	DRAWN BY:	SPM	APPROVED BY:	KJK
400' 200' 0' 400'	DATE:	12/11/2012	JOB NO:	2012.0844
VERTICAL SCALE: 1" = 20'	DRAWING NAME:	12.0844P-2.DWG		
20' 10' 0' 20'	SHEET NO:	15	OF	25
	PROJECTION:	NAVD88	GEO. DATUM:	NAVD88
	GRID UNITS:	US SURVEY FEET		
	REV. NO:	00	REV. DATE:	—
			REV. BY:	—
			REVISION DESCRIPTION:	—

PROFILE VIEW	
CROSSTEX LIG, LLC	
PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE DUE TO SINK HOLE FORMATION LOCATED IN SECTION 32 & 43-47, T12S-R13E ASSUMPTION PARISH, LOUISIANA	

MHW = +1.0'
MLW = 0.0'

MATCHLINE C



PIPELINE PROFILE

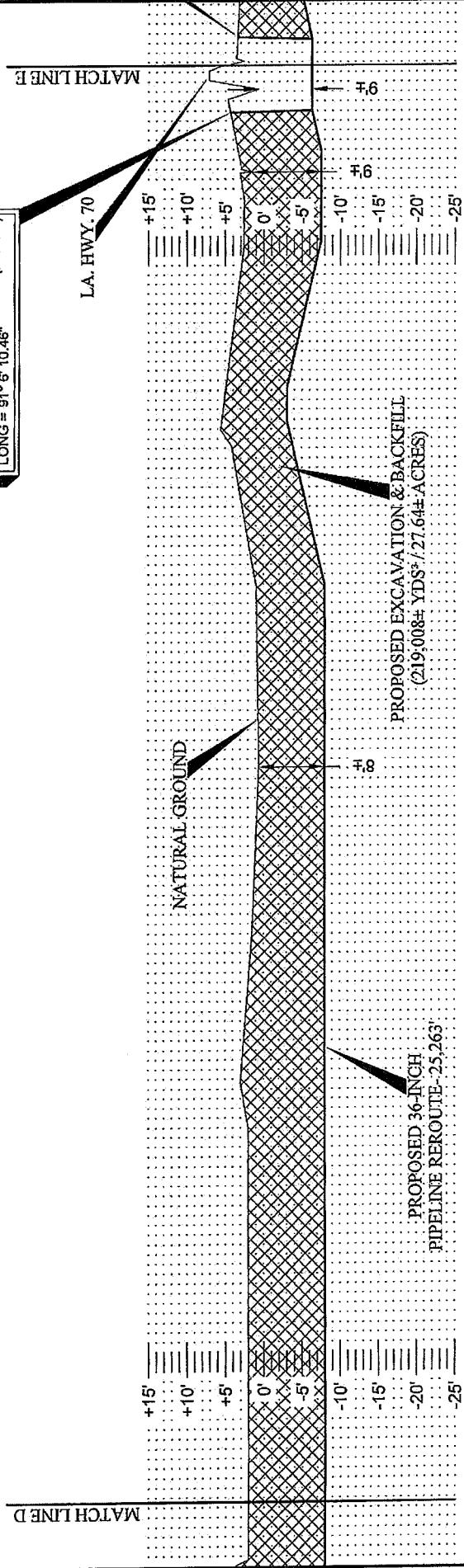
PROFILE VIEW	
CROSSTEX LIG, LLC	
PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE DUE TO SINK HOLE FORMATION LOCATED IN SECTION 32 & 43-47, T12S-R13E ASSUMPTION PARISH, LOUISIANA	

PROFILE VIEW
CROSSTEX LIG, LLC

PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE
DUE TO SINK HOLE FORMATION
LOCATED IN SECTION 32 & 43-47, T12S-R13E
ASSUMPTION PARISH, LOUISIANA

MHW = +1.0'
MLW = 0.0'

END PROPOSED EXCAVATION/PROPOSED BORE EXIT	
X = 3,353,767.34'	(NAD 83)
Y = 547,564.96'	
LAT = 30° 0' 19.79"	(NAD 83)
LONG = 91° 6' 10.46"	



PIPELINE PROFILE

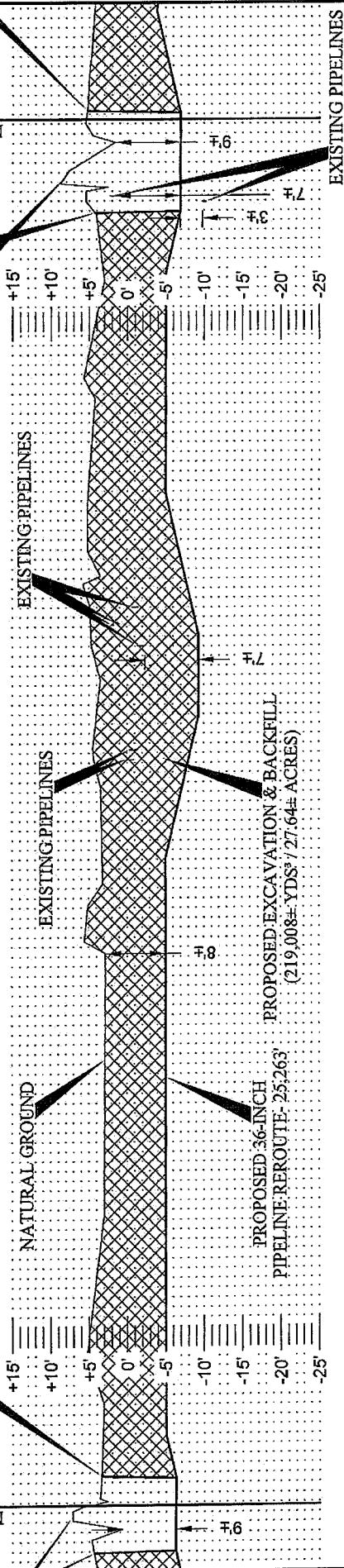
HORIZONTAL SCALE: 1" = 400'		DRAWN BY:	SPM	APPROVED BY:	K.K.	PROFILE VIEW			
400'		DATE:	12/11/2012	JOB NO:	2012-0844	CROSSTEX LIG, LLC			
200'		DRAWING NAME:	12.0844P-2.DWG				PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE		
0'		SHEET NO:	17	OF	25	DUE TO SINK HOLE FORMATION			
VERTICAL SCALE: 1" = 20'		PROJECTION:	PROJECTION	GEO. DATUM:	NAD83	LOCATED IN SECTION 32 & 43-47, T12S-R13E			
20'		GRID UNITS:	US SURVEY FEET	ASSUMPTION PARISH, LOUISIANA					
10'		REVISION DESCRIPTION:	DIMENSION						
0'		REV. NO:	01	REV. DATE:	12/11/2012	REV. BY:	SPM		

$$\begin{array}{l} MHW = +1.0 \\ MLW = 0.0 \end{array}$$

**PROPOSED BORE ENTRY/
BEGIN PROPOSED
EXCAVATION**

X = 3,353.757.16'	(NAD 83)
Y = 547,759.36'	(NAD 83)
LAT = 30° 0' 21.72"	(NAD 83)
LONG = 91° 6' 10.45"	(NAD 83)

END PROPOSED EXCAVATION/PROPOSED BORE ENTRY	X = 3,354.56845° Y = 550.50632° LAT = 30° 0' 48.89" LONG = 91° 6' 1.39"	(NAD 83) (NAD 83) (NAD 83)
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PIPELINE PROFILE

C R O S S T E X			
 HORIZONTAL SCALE: 1" = 40' 40' 20' 0' VERTICAL SCALE: 1" = 20' 20' 10' 0' 20'		DRAWN BY: SPM	APPROVED BY: KJK
		DATE: 12/11/2012	JOB NO.: 2012-0844
		DRAWING NAME: 12-0844P-2-DWG	
SHEET NO.: 	18	OF	25
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			
REVISION DESCRIPTION: PROPOSED BORE.			
REV. NO.: 01	REV. DATE: 12/7/2012	REV. BY: SPM	

PROFILE VIEW

CROSSTEX LLC

**PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE
DUE TO SINK HOLE FORMATION
LOCATED IN SECTION 32 & 43-47, T12S-R13E
ASSUMPTION PARISH, LOUISIANA**

MHW = +1.0'
MLW = 0.0'

PROPOSED BORE EXIT/
BEGIN PROPOSED
EXCAVATION

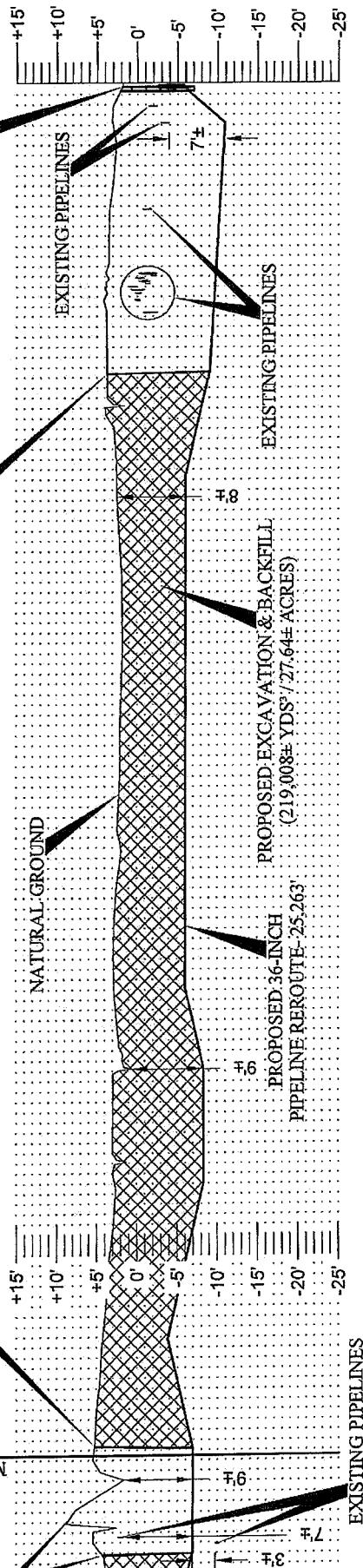
X = 3,354,418.06' (NAD 83)
Y = 550,744.16' (NAD 83)
LAT = 30° 0' 51.25" (NAD 83)
LONG = 91° 6' 2.98" (NAD 83)

END PROPOSED
EXCAVATION/PROPOSED
BORE ENTRY

X = 3,353,117.75' (NAD 83)
Y = 553,025.90' (NAD 83)
LAT = 30° 1' 13.86" (NAD 83)
LONG = 91° 6' 17.72" (NAD 83)

PROPOSED BORE EXIT/
END PROPOSED PIPELINE
INSTALLATION/PROPOSED
TIE-IN/ P.O.E.

X = 3,352,763.65' (NAD 83)
Y = 553,642.40' (NAD 83)
LAT = 30° 1' 19.97" (NAD 83)
LONG = 91° 6' 21.73" (NAD 83)



Pipeline Profile

HORIZONTAL SCALE: 1" = 400'	DRAWN BY:	SPM	APPROVED BY:	KIK
400' 200' 0' VERTICAL SCALE: 1" = 20'	DATE: 12/11/2012	JOB NO: 2012.0844		
	DRAWING NAME:	12.0844P-2.DWG		
	SHEET NO:	19 of 25		
	PROJECT: PROJECTION GEO. DATUM: NAD83 (VERT. DATUM: NAVD88) GRID UNITS: US SURVEY FEET	REVISION DESCRIPTION: PROPOSED BORE		
C R O S S T E X	C R O S S T E X			
REV. NO: 01	REV. DATE: 12/17/2012	REV. BY: SPM		

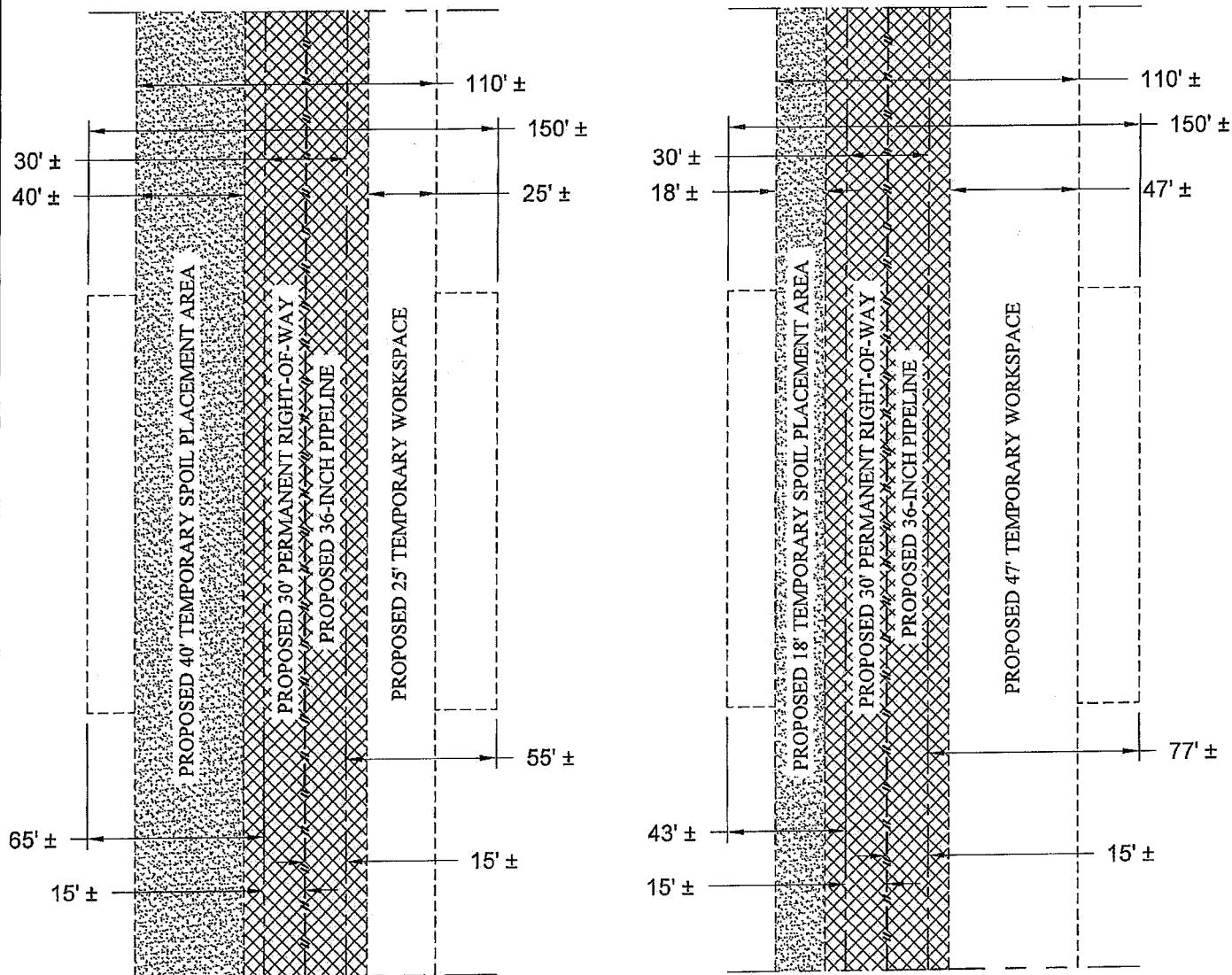
Profile View

CROSSTEX LIG, LLC

PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE
DUE TO SINK HOLE FORMATION
LOCATED IN SECTION 32 & 43-47, T12S-R13E
ASSUMPTION PARISH, LOUISIANA

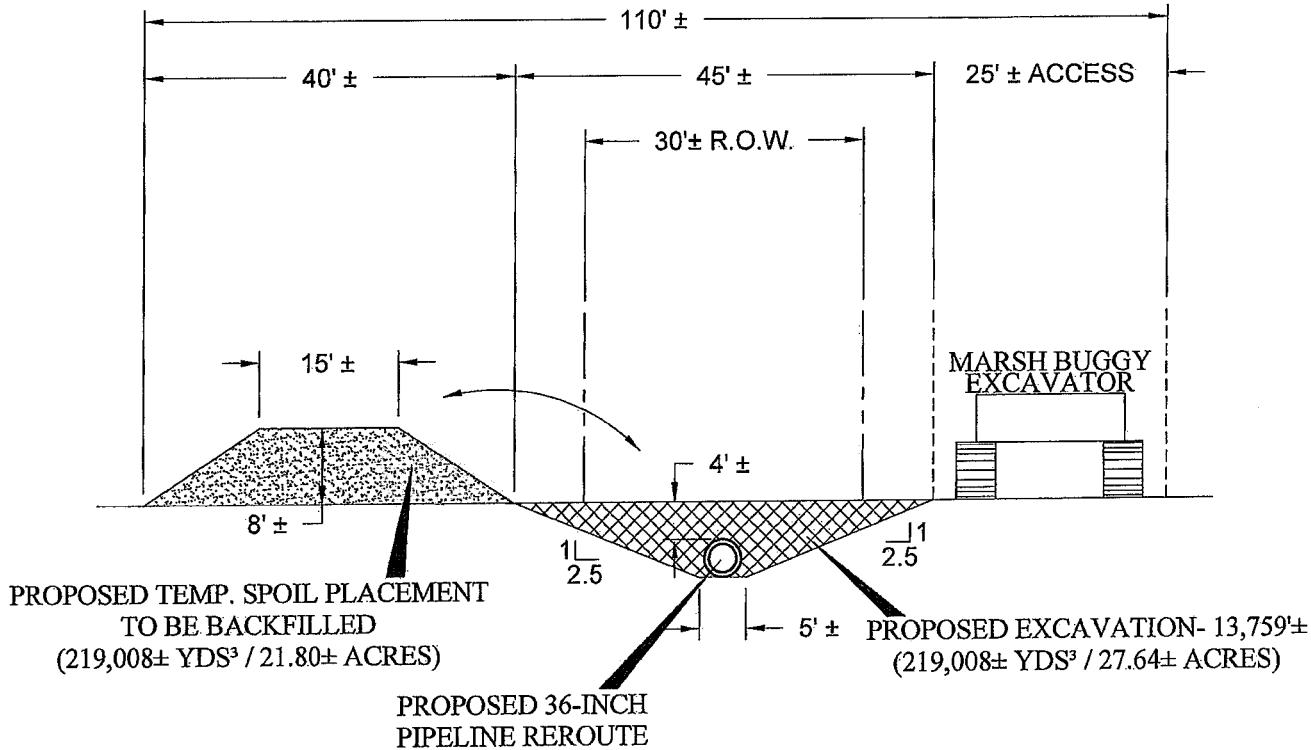
LEGEND:

- /— DENOTES PROPOSED PIPELINE
- - - - - DENOTES WORK SPACE
- [X] DENOTES PROPOSED EXCAVATION
- [S] DENOTES PROPOSED SPOIL



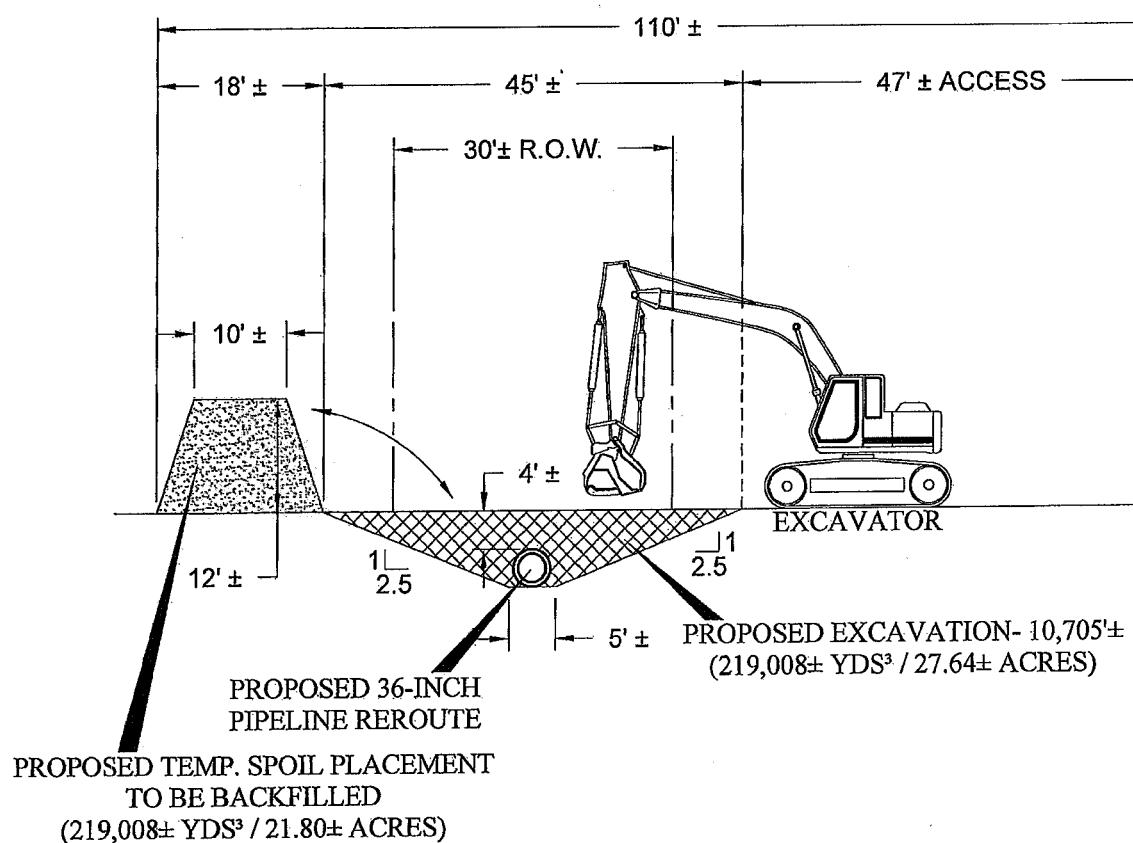
RIGHT-OF-WAY DETAILS

DRAWN BY:	SPM	APPROVED BY:	KJK	DETAIL						
DATE:	12/11/2012	JOB NO:	2012.0844	CROSSTEX LIG, LLC						
DRAWING NAME:	12.0844P-2.DWG									
SHEET NO:	20	OF	25	PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE DUE TO SINK HOLE FORMATION LOCATED IN SECTION 32 & 43-47, T12S-R13E ASSUMPTION PARISH, LOUISIANA						
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	<div style="text-align: center;">  CROSSTEX </div>									
SCALE: 1" = 60'	<table border="1" style="width: 100%;"> <tr> <td>REV. NO: 02</td> <td>REV. DATE: 01/04/2013</td> <td>REV. BY: SPM</td> </tr> <tr> <td colspan="3">REVISION DESCRIPTION: DETAIL.</td> </tr> </table>				REV. NO: 02	REV. DATE: 01/04/2013	REV. BY: SPM	REVISION DESCRIPTION: DETAIL.		
REV. NO: 02	REV. DATE: 01/04/2013	REV. BY: SPM								
REVISION DESCRIPTION: DETAIL.										
60' 30' 0' 60'										



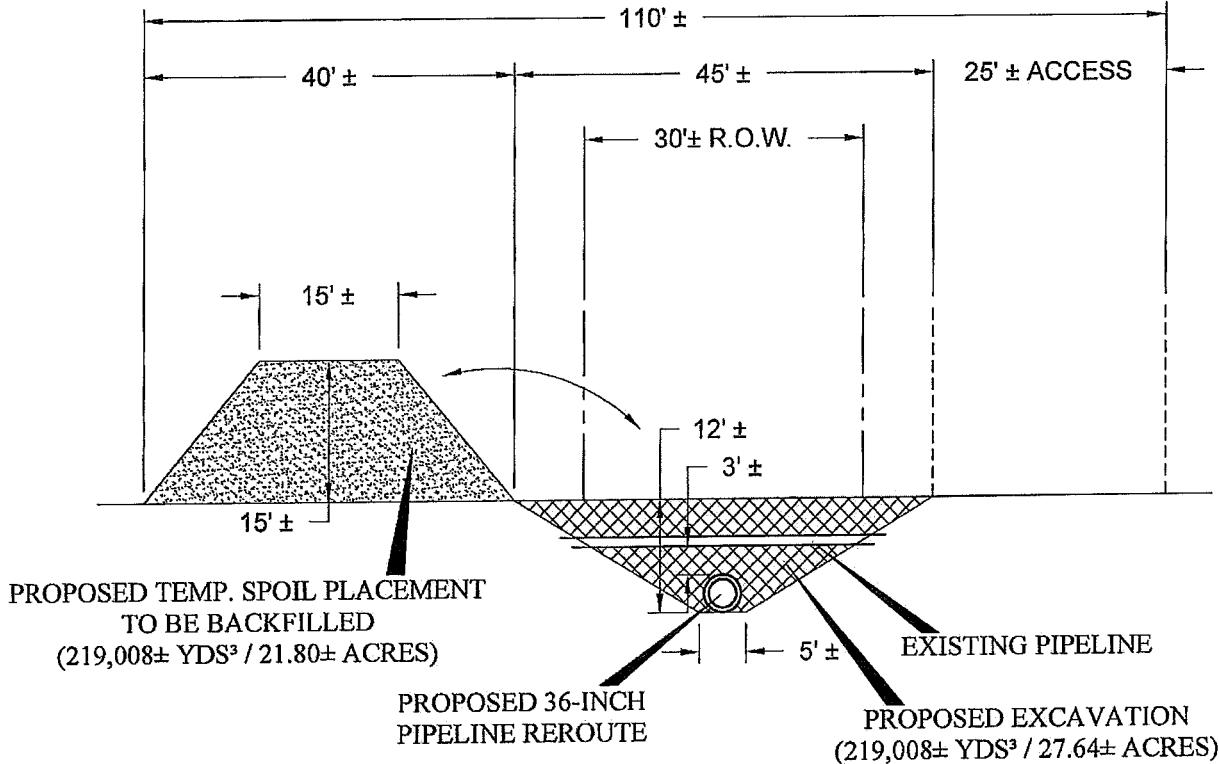
EXCAVATION DETAIL- WETLAND

DRAWN BY:	SPM	APPROVED BY:	KJK	DETAIL CROSSTEX LIG, LLC						
DATE:	12/11/2012	JOB NO:	2012.0844	PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE DUE TO SINK HOLE FORMATION LOCATED IN SECTION 32 & 43-47, T12S-R13E ASSUMPTION PARISH, LOUISIANA						
DRAWING NAME: 2 NOTES REVISION 05172013.DWG										
SHEET NO:	21	OF	25							
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET										
SCALE: 1" = 20'				 CROSSTEX	REV. NO:	03	REV. DATE:	05/17/2013	REV. BY:	DPP
20'	10'	0'	20'		REVISION DESCRIPTION: PROPOSED WETLANDS EXCAVATION LENGTH.					



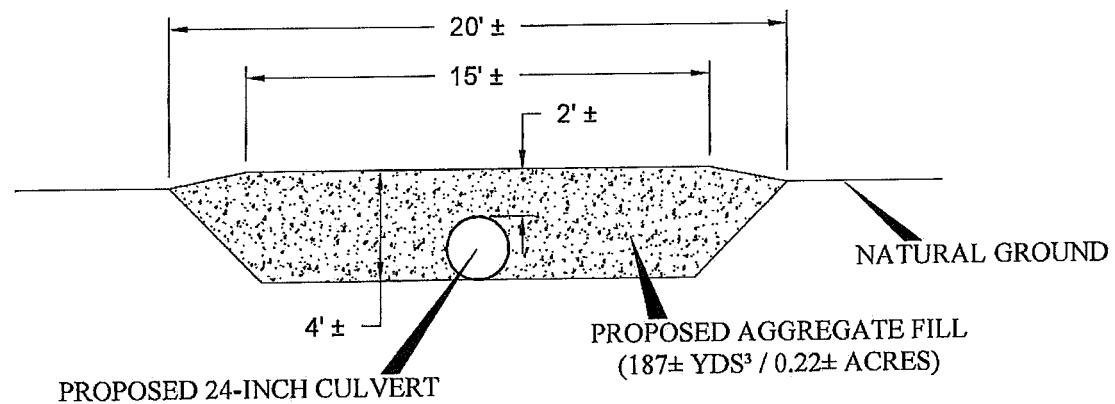
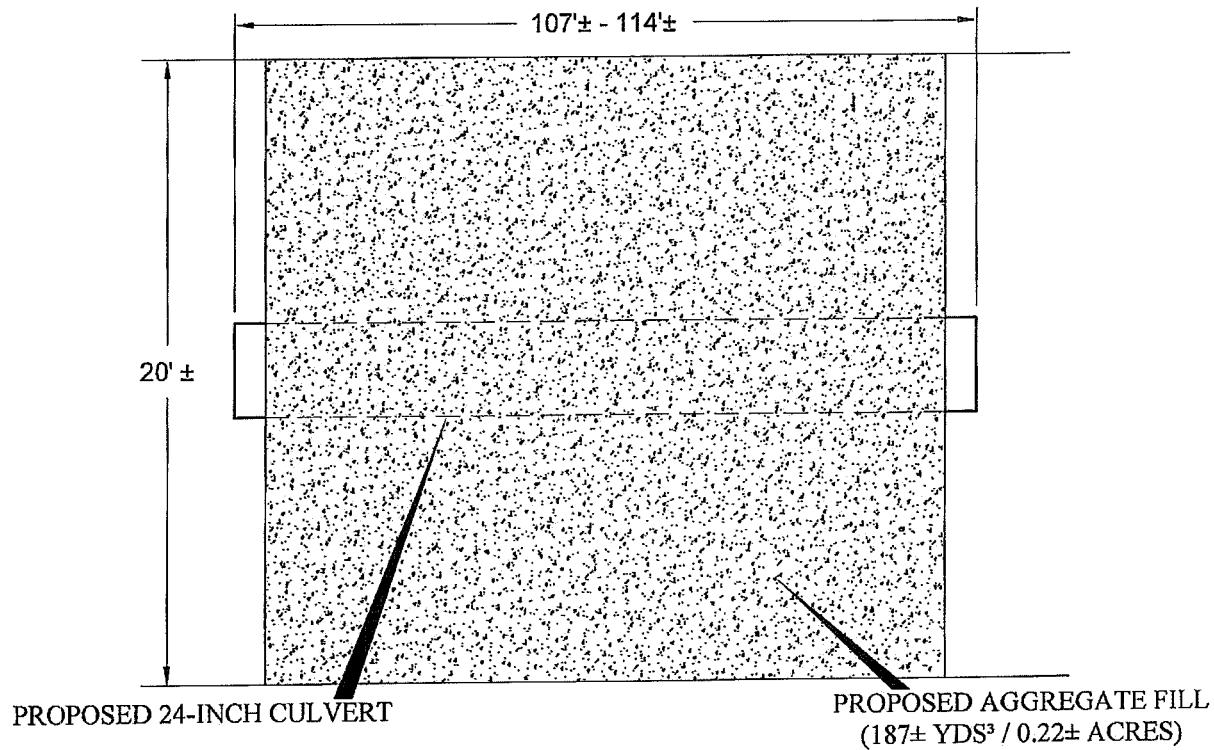
EXCAVATION DETAIL- UPLAND

DRAWN BY:	SPM	APPROVED BY:	KJK	DETAIL
DATE:	12/11/2012	JOB NO:	2012.0844	CROSSTEX LIG, LLC
DRAWING NO. D8ME-2 NOTES REVISION 05172013.DWG				PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE DUE TO SINK HOLE FORMATION LOCATED IN SECTION 32 & 43-47, T12S-R13E ASSUMPTION PARISH, LOUISIANA
SHEET NO:	22	OF	25	
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	SCALE: 1" = 20'		REV. NO: 03	REV. DATE: 05/17/2013
			REV. BY: DPP	
			REVISION DESCRIPTION: PROPOSED UPLANDS EXCAVATION LENGTH.	
20'	10'	0'	20'	CROSSTEX



Pipeline Crossing Detail

DRAWN BY:		SPM	APPROVED BY:	KJK	DETAIL				
DATE:		12/11/2012	JOB NO:	2012.0844	CROSSTEX LIG, LLC				
DRAWING NAME:		12.0844P-2.DWG							
SHEET NO:		23	OF	25					
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET		PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE DUE TO SINK HOLE FORMATION LOCATED IN SECTION 32 & 43-47, T12S-R13E ASSUMPTION PARISH, LOUISIANA							
SCALE: 1" = 20'		 CROSSTEX		REV. NO:	00	REV. DATE:	--/-/-	REV. BY:	--
20' 10' 0' 20'		REVISION DESCRIPTION: --							



CULVERT DETAIL

DRAWN BY:	SPM	APPROVED BY:	KJK	DETAIL
DATE:	12/11/2012	JOB NO:	2012.0844	CROSSTEX LIG, LLC
DRAWING NAME:	12.0844P-2.DWG			PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE DUE TO SINK HOLE FORMATION LOCATED IN SECTION 32 & 43-47, T12S-R13E ASSUMPTION PARISH, LOUISIANA
SHEET NO:	24	OF	25	
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	SCALE: 1" = 6'		REV. NO: 01	REV. DATE: 01/04/2013
			REV. BY:	SPM
			REVISION DESCRIPTION: DETAIL.	

NOTES

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

All structures, facilities, well and pipelines/flowlines occurring in open water areas or in oilfield canals or slips shall be removed within 120 days of abandonment or the facilities for the herein permitted use unless prior written approval to leave such structures in place is received from the Coastal Management Division. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required.

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

In order to ensure the safety of all parties, the permittee shall contact the Louisiana One Call System (1-800-272-3020) a minimum of 48 hours prior to the commencement of any excavation (digging, dredging, jetting, etc.) or demolition activity.

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

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

Applicant shall not discharge any produced waters.

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

TOTAL IMPACTS

EXCAVATIONS

NON-VEGETATED	2,817 CU. YDS.
WATER BOTTOMS:	0.35 ACS.
WETLANDS:	142,399 CU. YDS.
	31.81 ACS.
UPLANDS:	73,792 CU. YDS.
	11.41 ACS.

FILL AREAS

NON-VEGETATED	187 CU. YDS.
WATER BOTTOMS:	0.22 ACS.
WETLANDS:	144,708 CU. YDS.
	12.62 ACS.
UPLANDS:	74,300 CU. YDS.
	9.18 ACS.

FILL MATERIALS

NATIVE MATERIAL:	219,008 CU. YDS.
AGGREGATE MATERIAL:	187 CU. YDS.

EQUIPMENT

Dozers

Wheel/ Track Vehicles

Excavators

Marsh Buggy Excavator

One(1) Barge (140'x40')- Draft 4'

One(1) 600 H.P. Tug- Draft 4'

DRAWN BY: SPM	APPROVED BY: KJK	NOTES		
DATE: 12/11/2012	JOB NO: 2012.0844	CROSSTEX LIG, LLC		
DRAWING NUMBER: 2 NOTES REVISION 05172013.DWG		PROPOSED REROUTE OF WEEKS ISLAND TO ST. JAMES PIPELINE DUE TO SINK HOLE FORMATION LOCATED IN SECTION 32 & 43-47, T12S-R13E ASSUMPTION PARISH, LOUISIANA		
SHEET NO: 25	OF 25			
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET		 CROSSTEX		
NOT TO SCALE		REV. NO: 01	REV. DATE: 05/17/2013	REV. BY: DPP
		REVISION DESCRIPTION: WET/UP CUBIC YARD/ACREAGE FILL AND EXCAVATION		