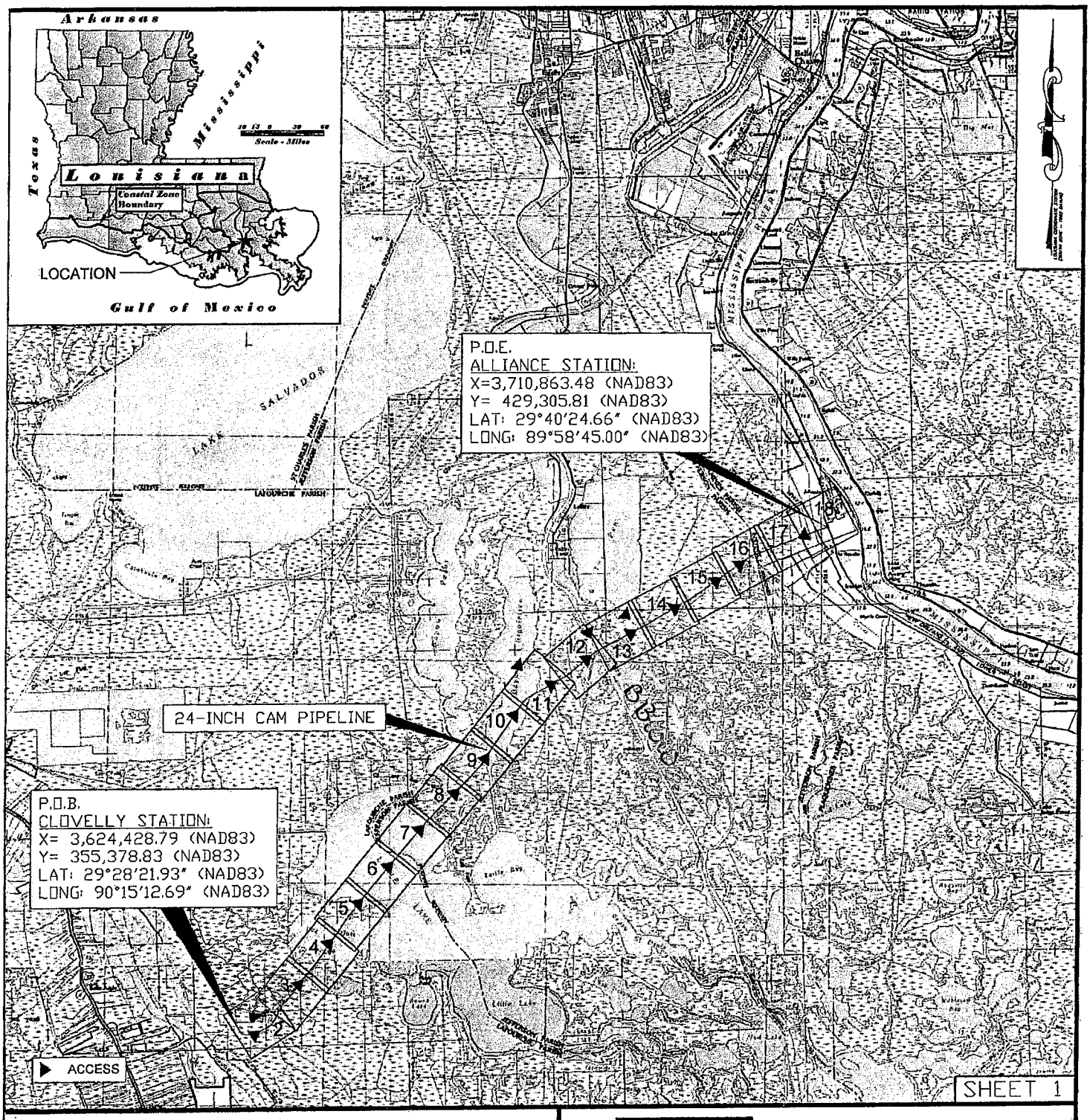



# VICINITY MAP

SCALE IN FEET

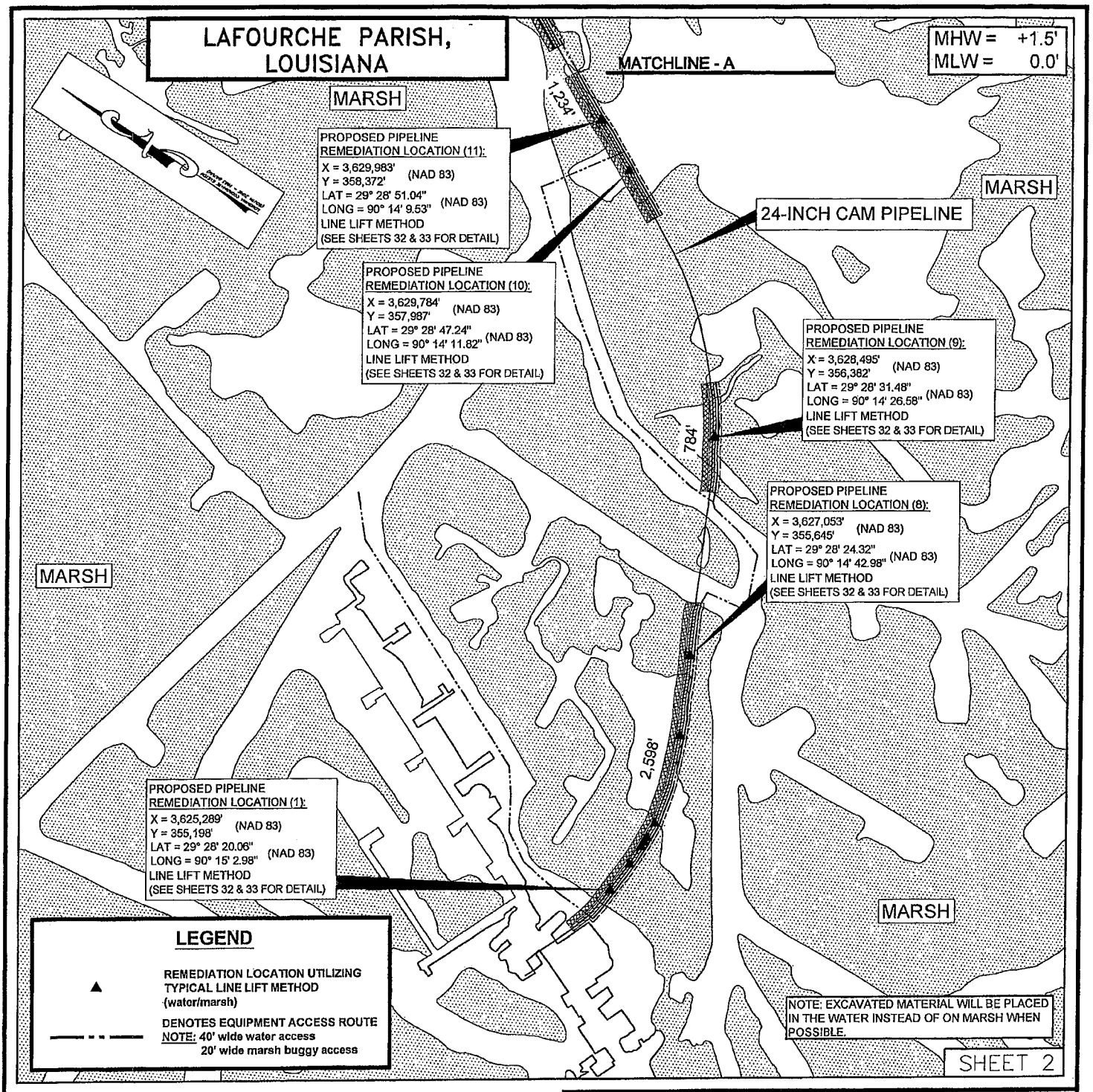
20,000' 10,000' 0' 20,000'

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 20,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687. Vcty |
| DATE 07/25/2012 | APP'D. | | |

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




# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

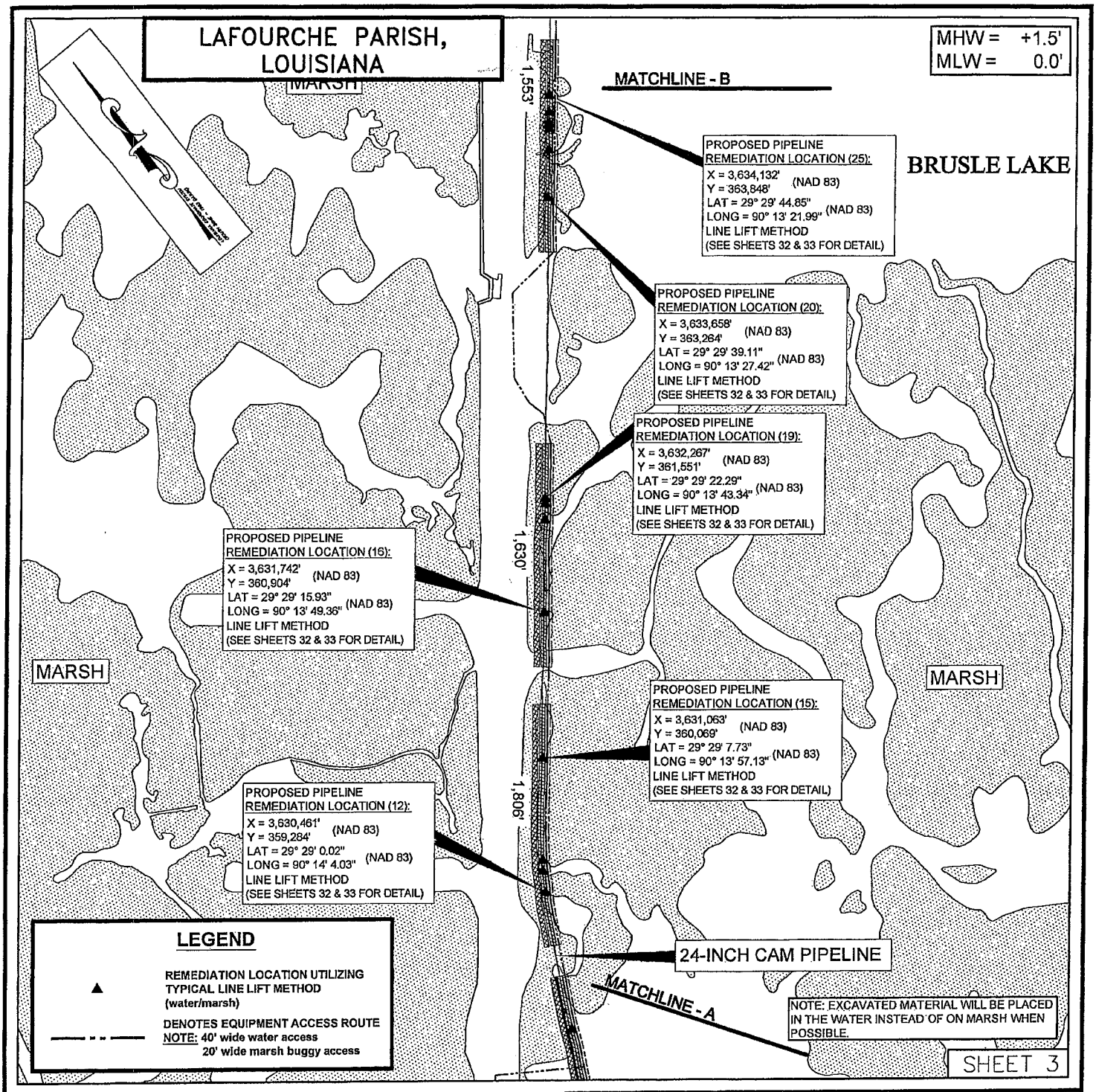
PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |

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

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|




# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

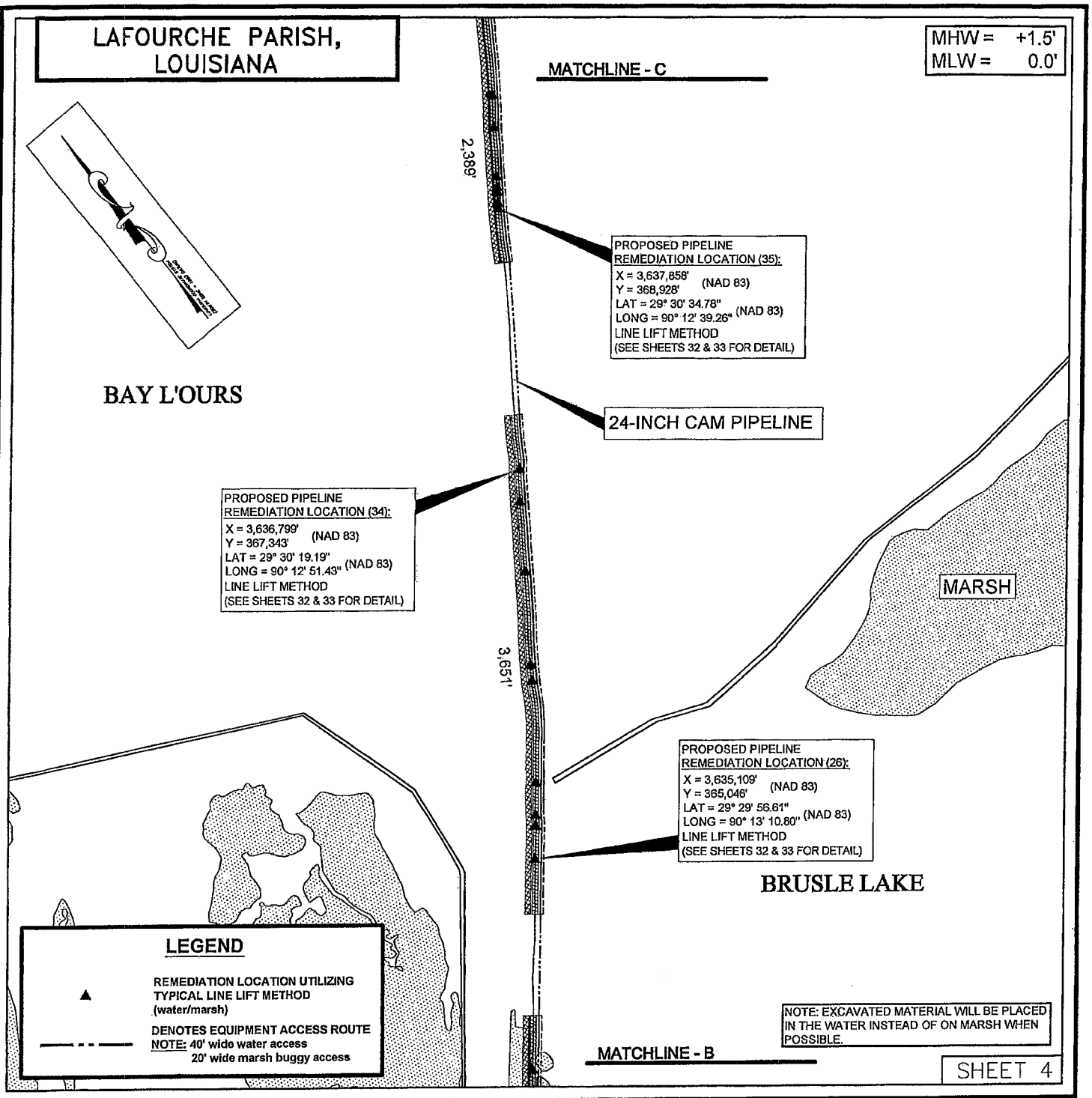
THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE AQUISITION OF REGULATORY PERMITS.

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |




# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

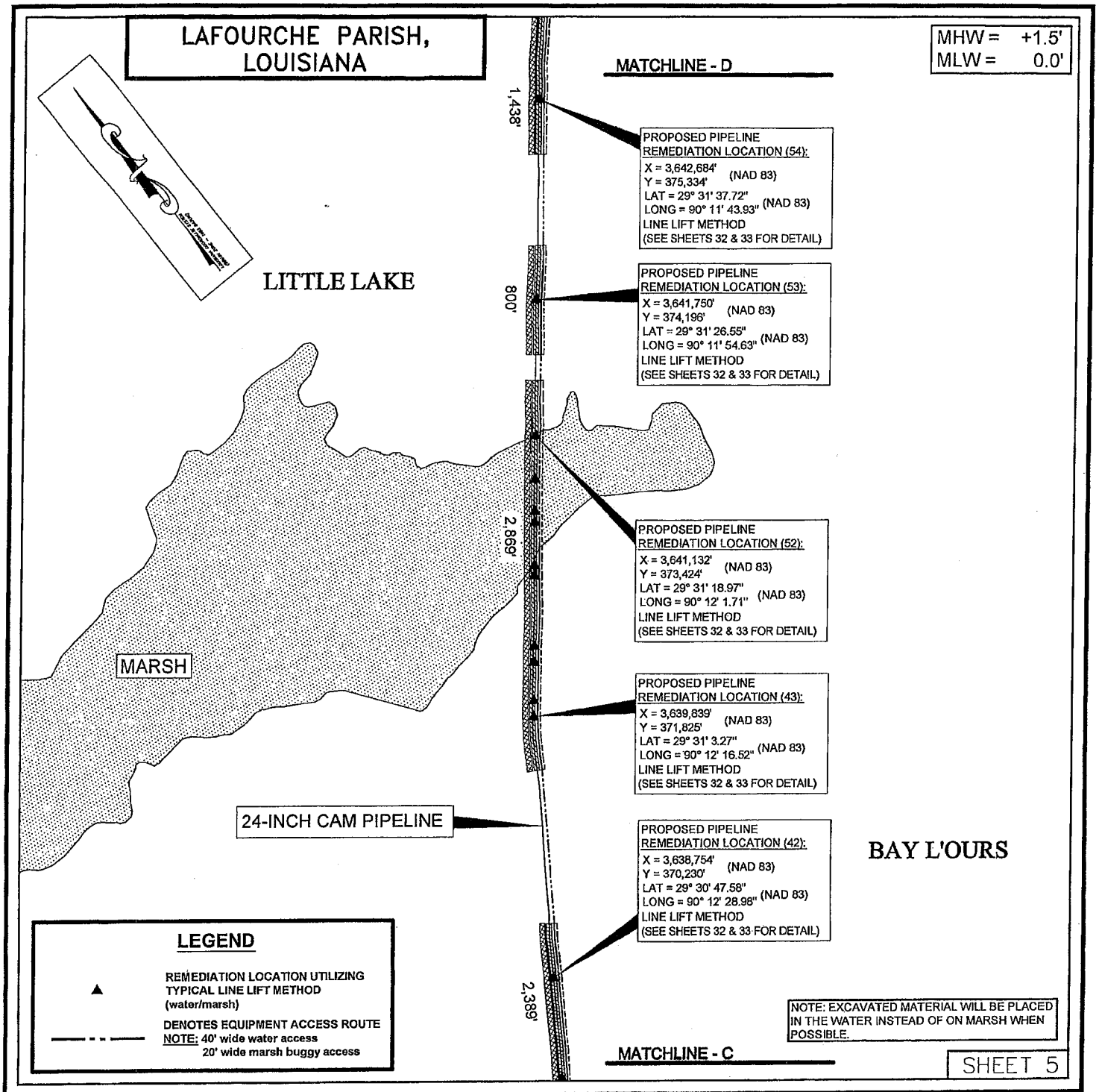
PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |

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

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|




# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |

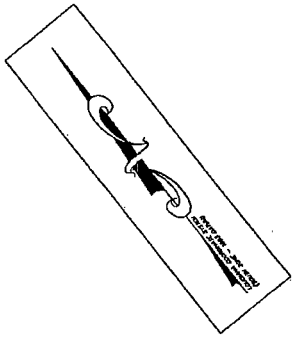
THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE AQUISITION OF REGULATORY PERMITS.

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

LAFOURCHE & JEFFERSON PARISH, LOUISIANA

MHW = +1.5'
MLW = 0.0'

MATCHLINE - E



24-INCH CAM PIPELINE

LITTLE LAKE

PROPOSED PIPELINE
REMEDIATION LOCATION (62):
X = 3,644,444'
Y = 377,440' (NAD 83)
LAT = 29° 31' 58.39"
LONG = 90° 11' 23.77" (NAD 83)
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE
REMEDIATION LOCATION (56):
X = 3,643,871'
Y = 376,750' (NAD 83)
LAT = 29° 31' 51.63"
LONG = 90° 11' 30.33" (NAD 83)
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

1,693'

PROPOSED PIPELINE
REMEDIATION LOCATION (55):
X = 3,643,096'
Y = 375,819' (NAD 83)
LAT = 29° 31' 42.48"
LONG = 90° 11' 39.21" (NAD 83)
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

1,438'

**LEGEND**

▲ REMEDIATION LOCATION UTILIZING TYPICAL LINE LIFT METHOD (water/marsh)

DENOTES EQUIPMENT ACCESS ROUTE
NOTE: 40' wide water access
20' wide marsh buggy access

NOTE: EXCAVATED MATERIAL WILL BE PLACED IN THE WATER INSTEAD OF ON MARSH WHEN POSSIBLE.

MATCHLINE - D

SHEET 6

# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

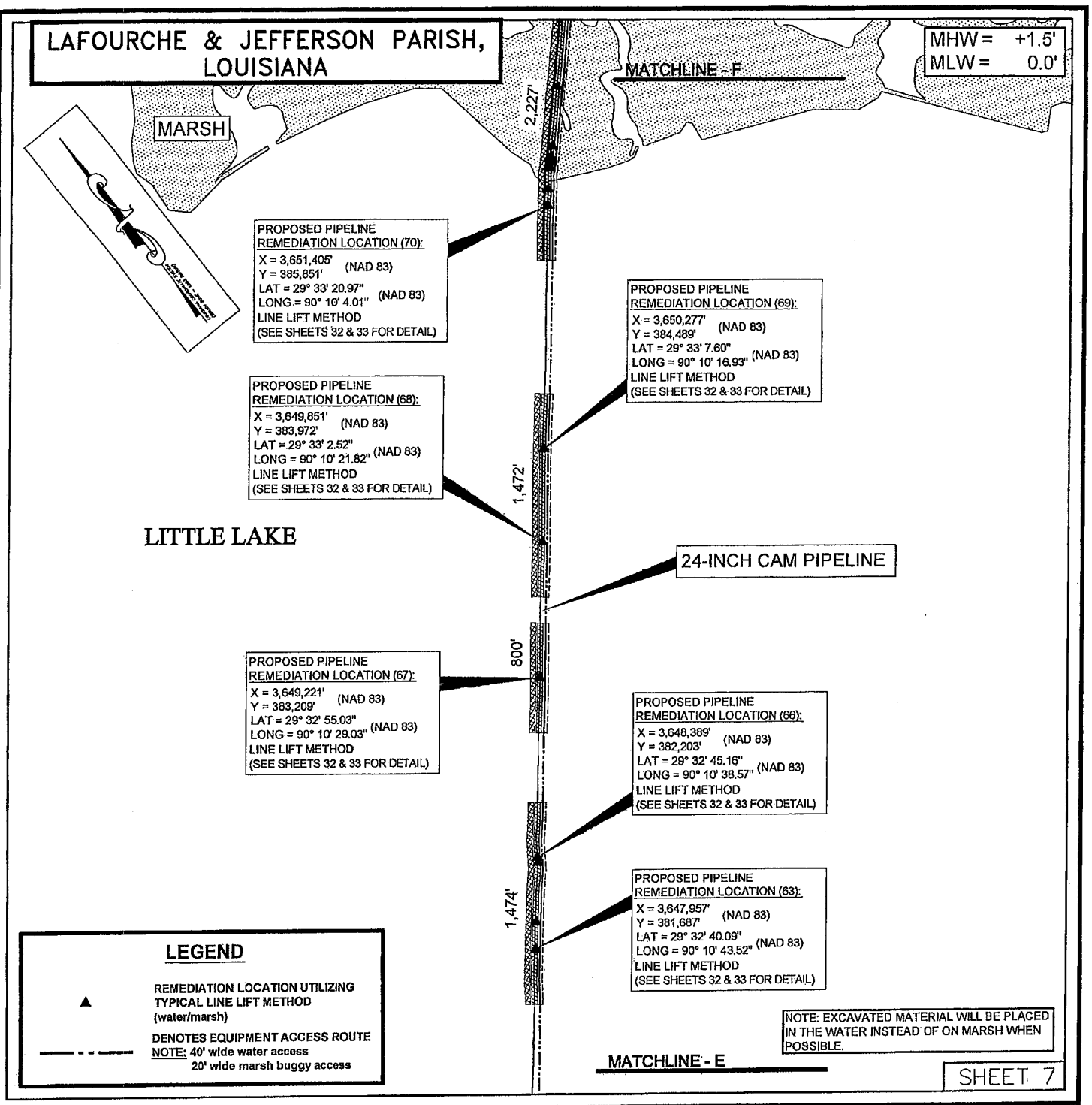
THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE AQUISITION OF REGULATORY PERMITS.

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |




# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

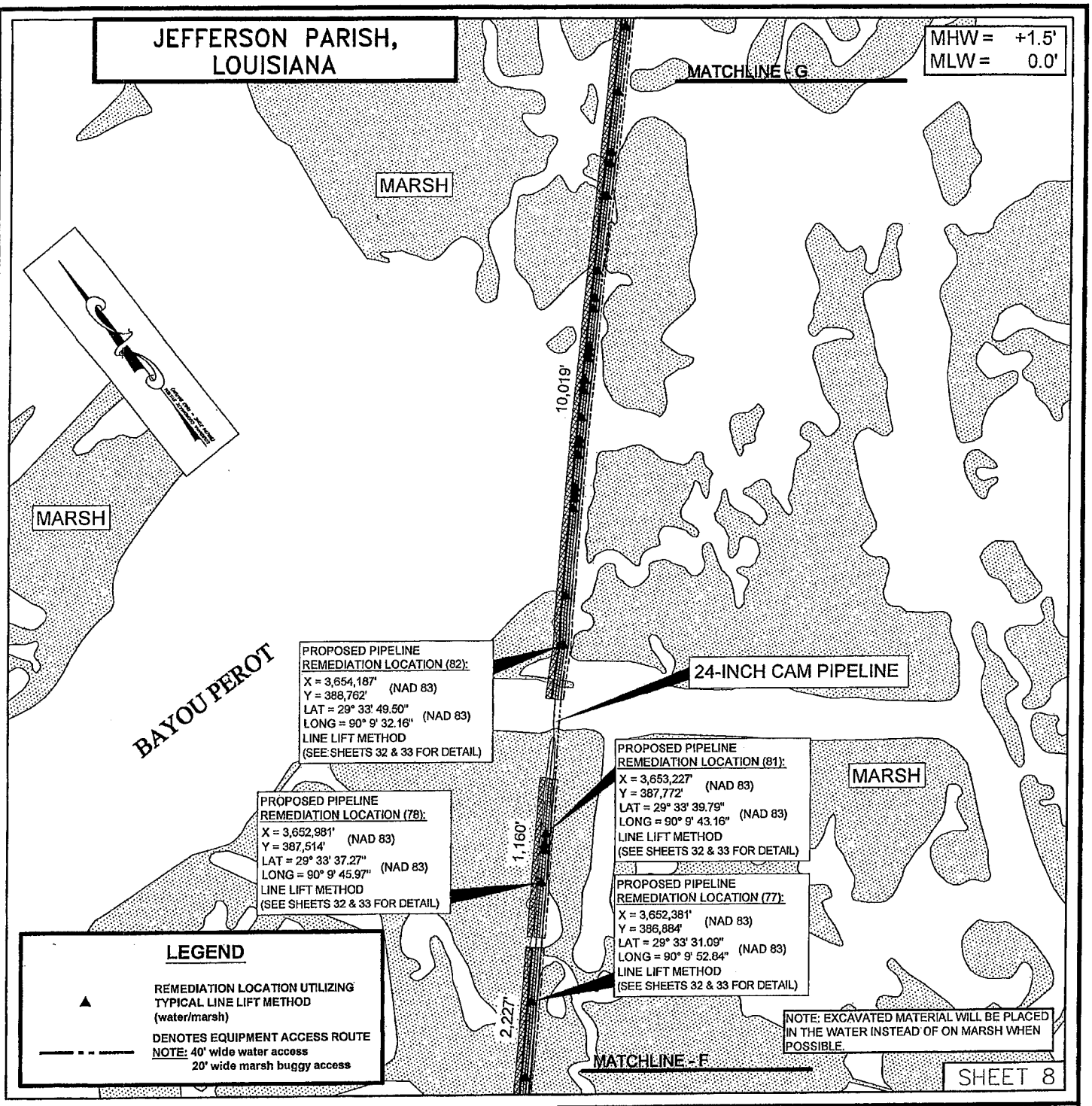
THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE AQUISITION OF REGULATORY PERMITS.

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |




# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |

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

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
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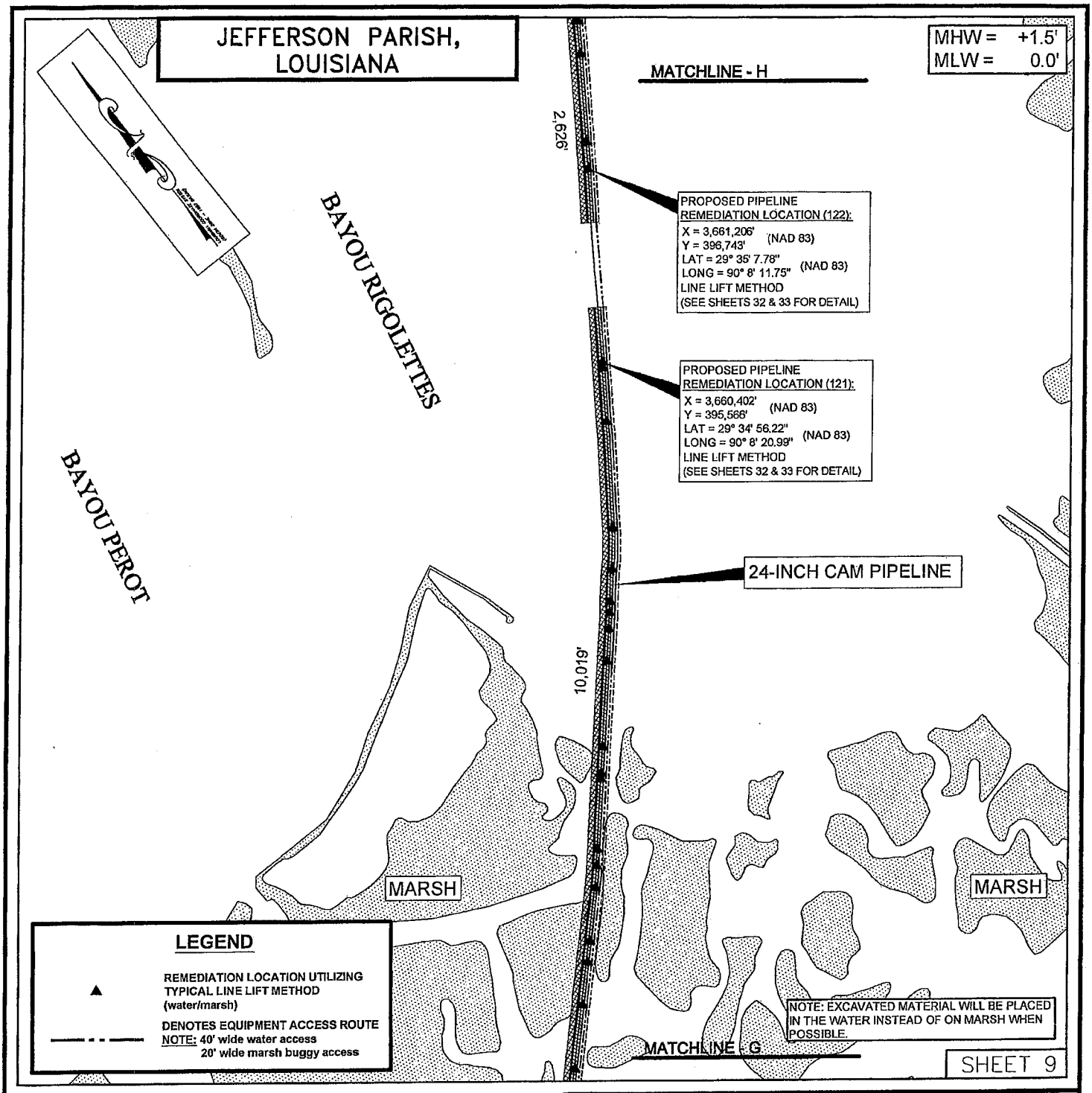



# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

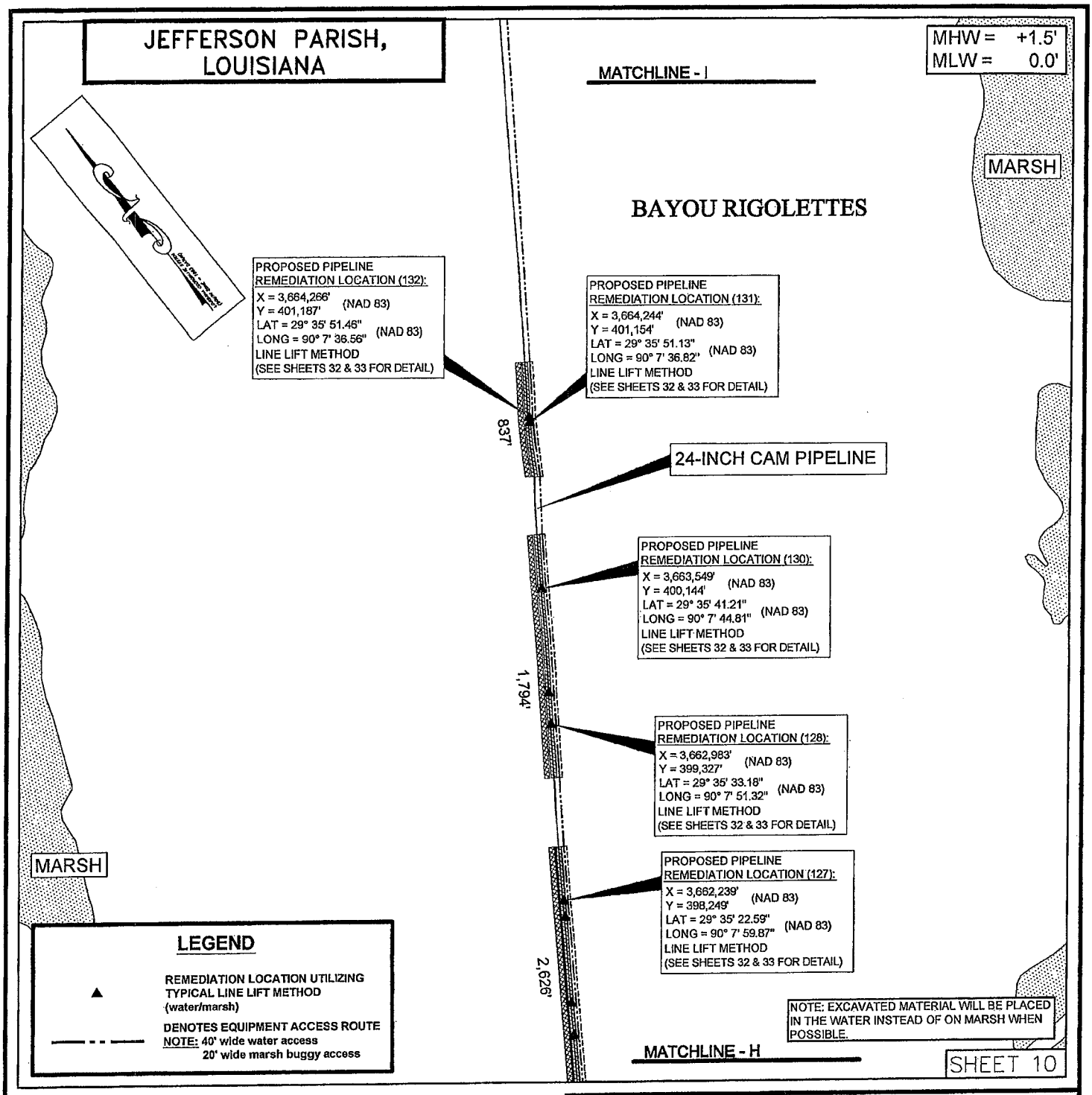
THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE AQUISITION OF REGULATORY PERMITS.

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |




# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

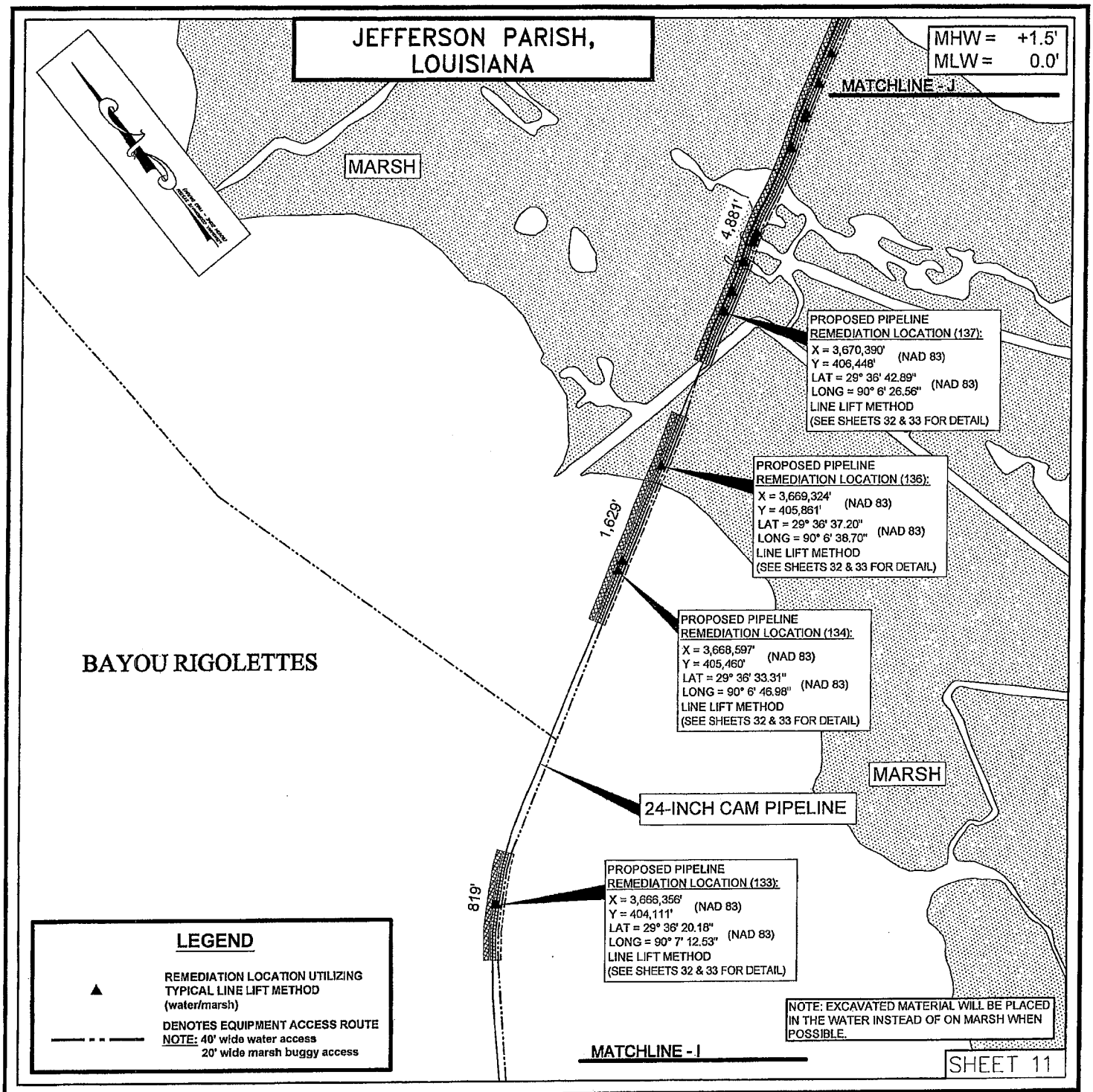
THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE AQUISITION OF REGULATORY PERMITS.

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |




# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |

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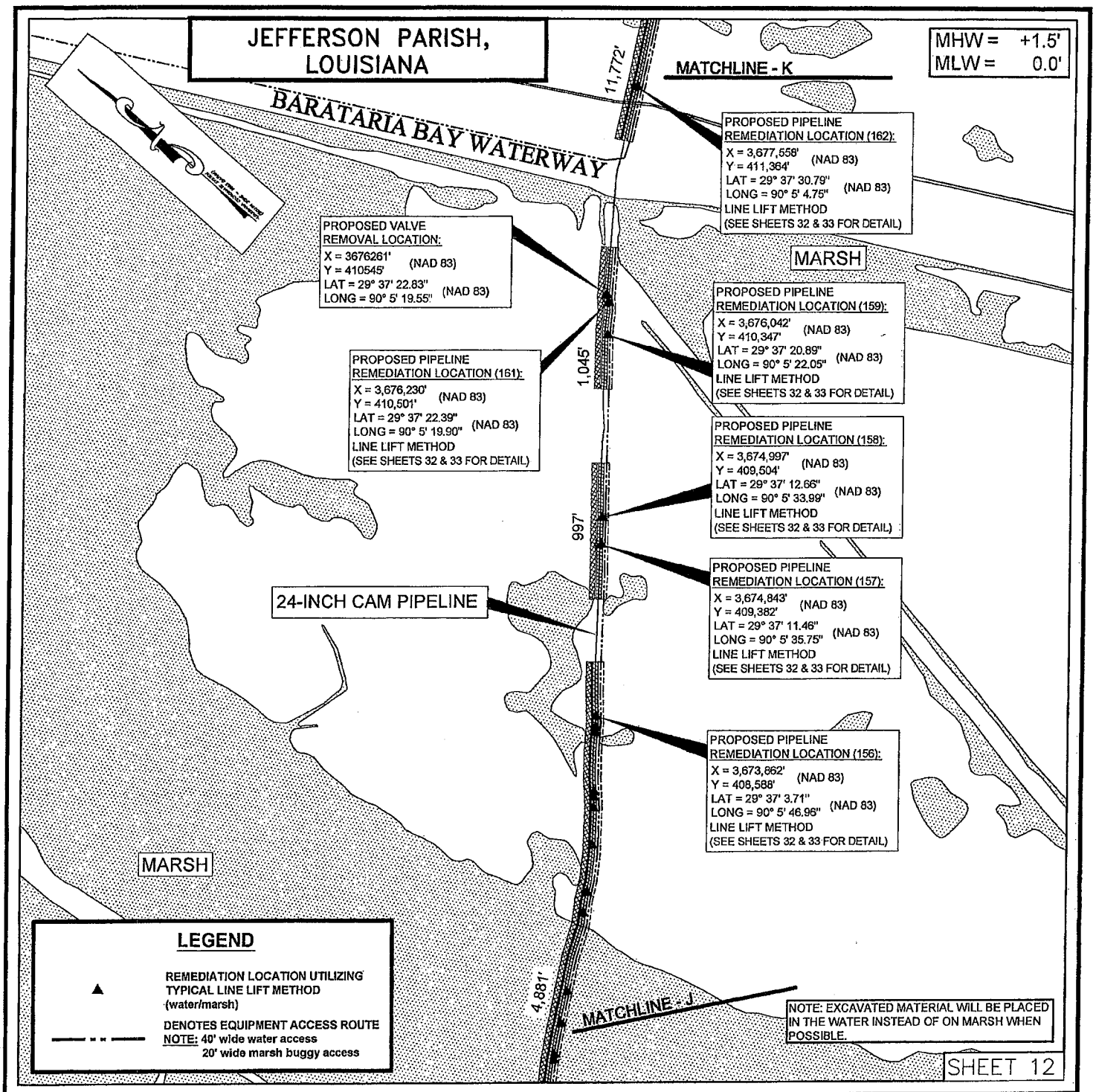
| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|




# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |

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| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
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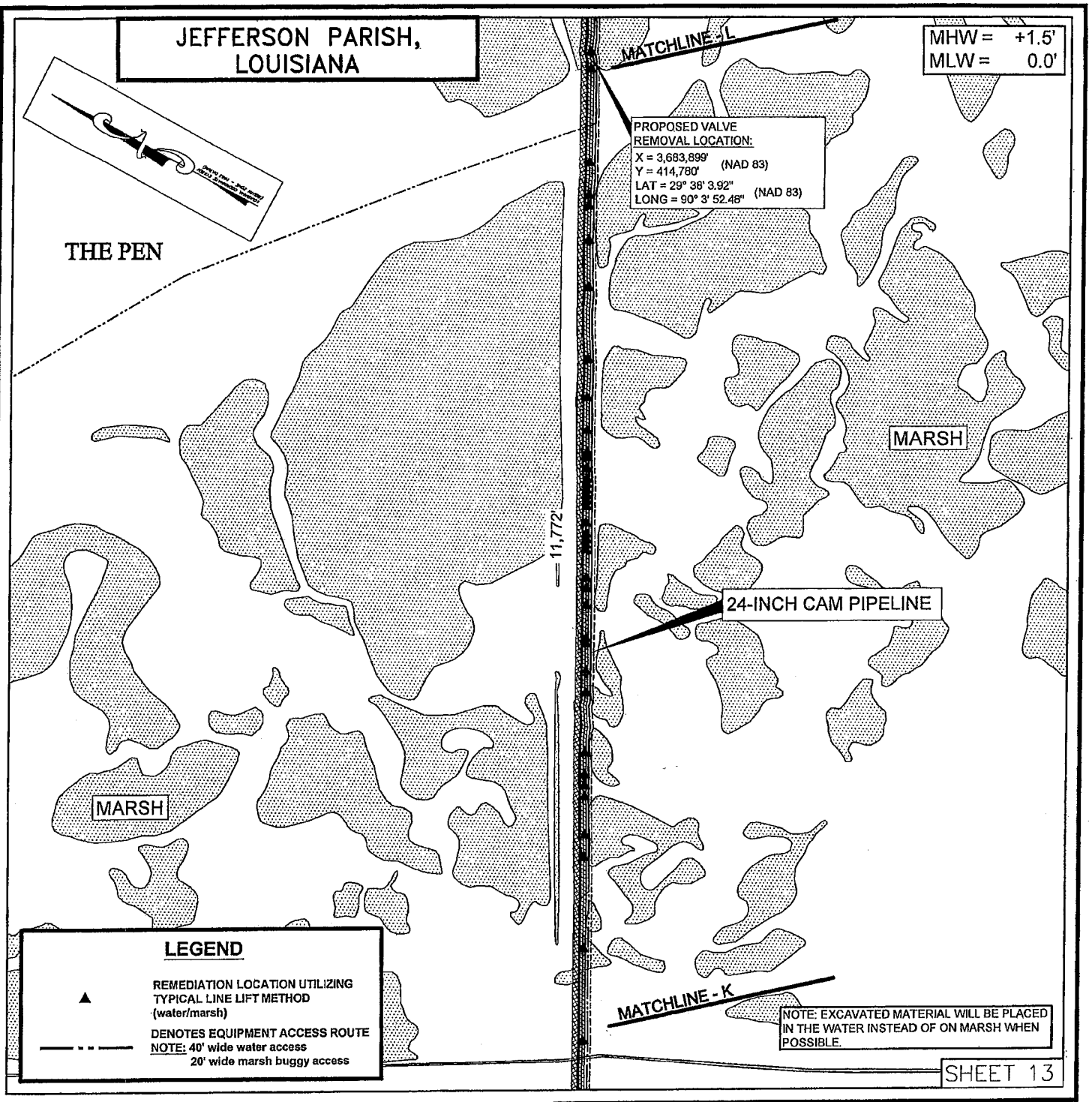



# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

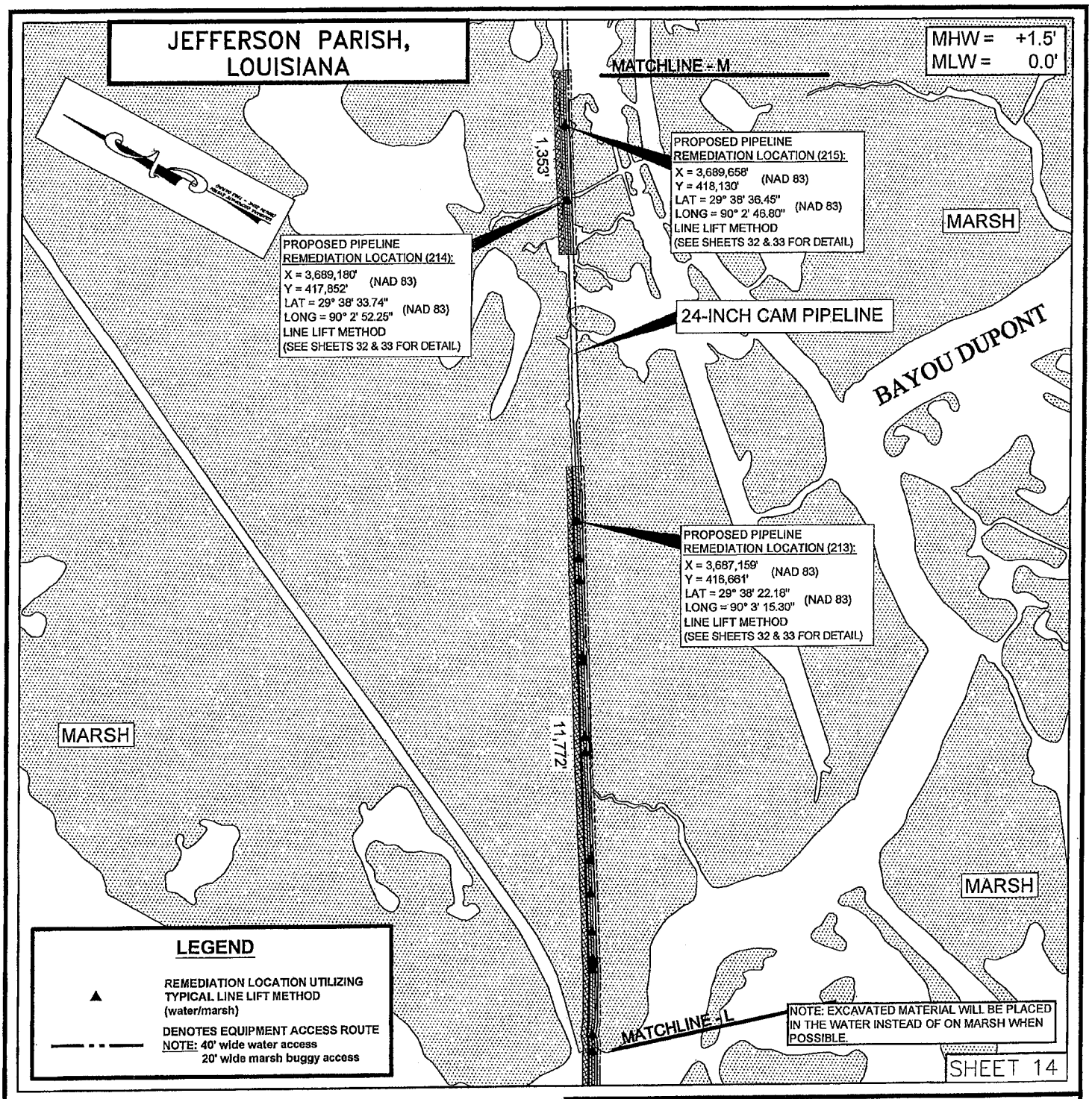
THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE AQUISITION OF REGULATORY PERMITS.

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |




# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

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

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
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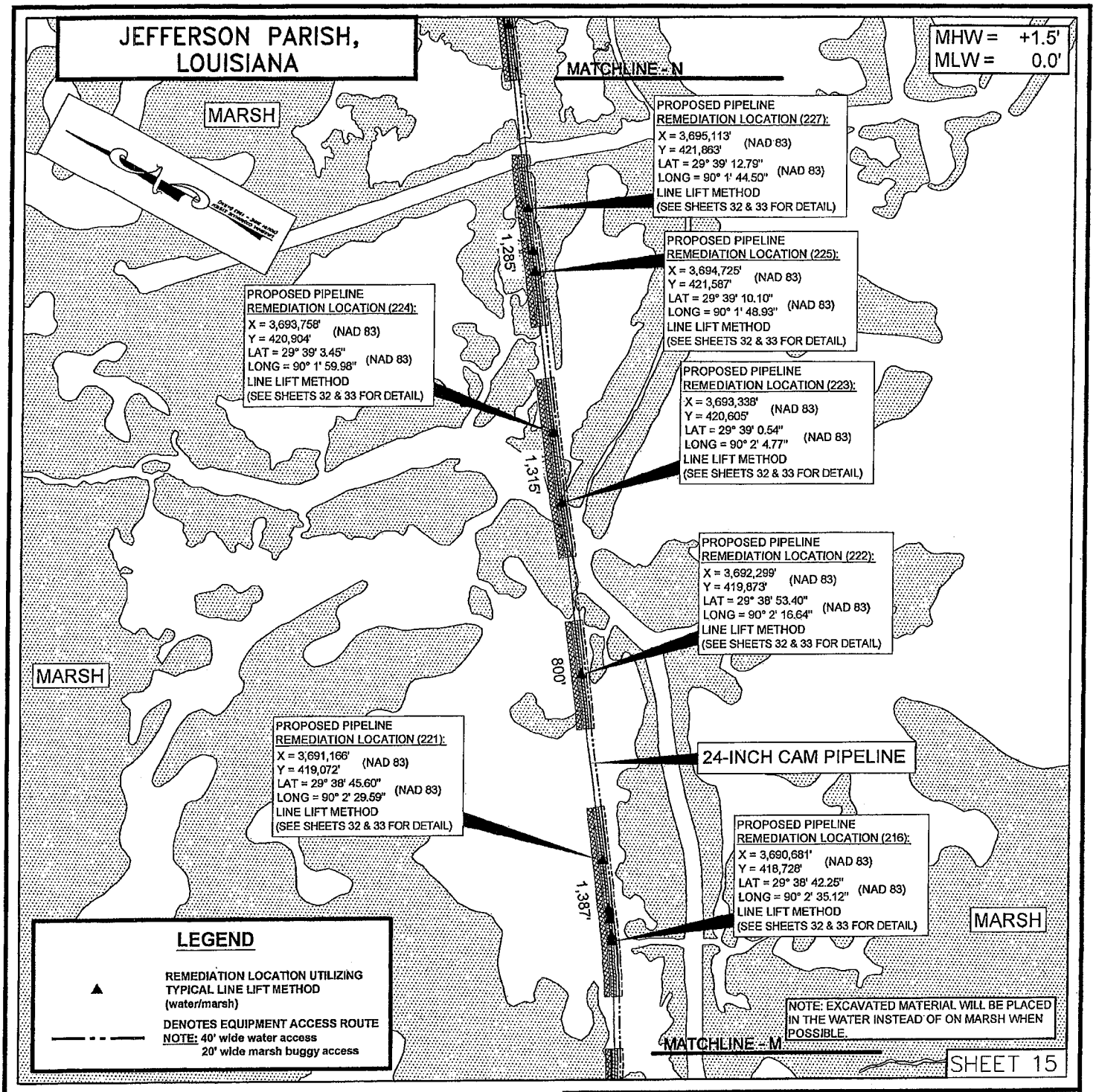



# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

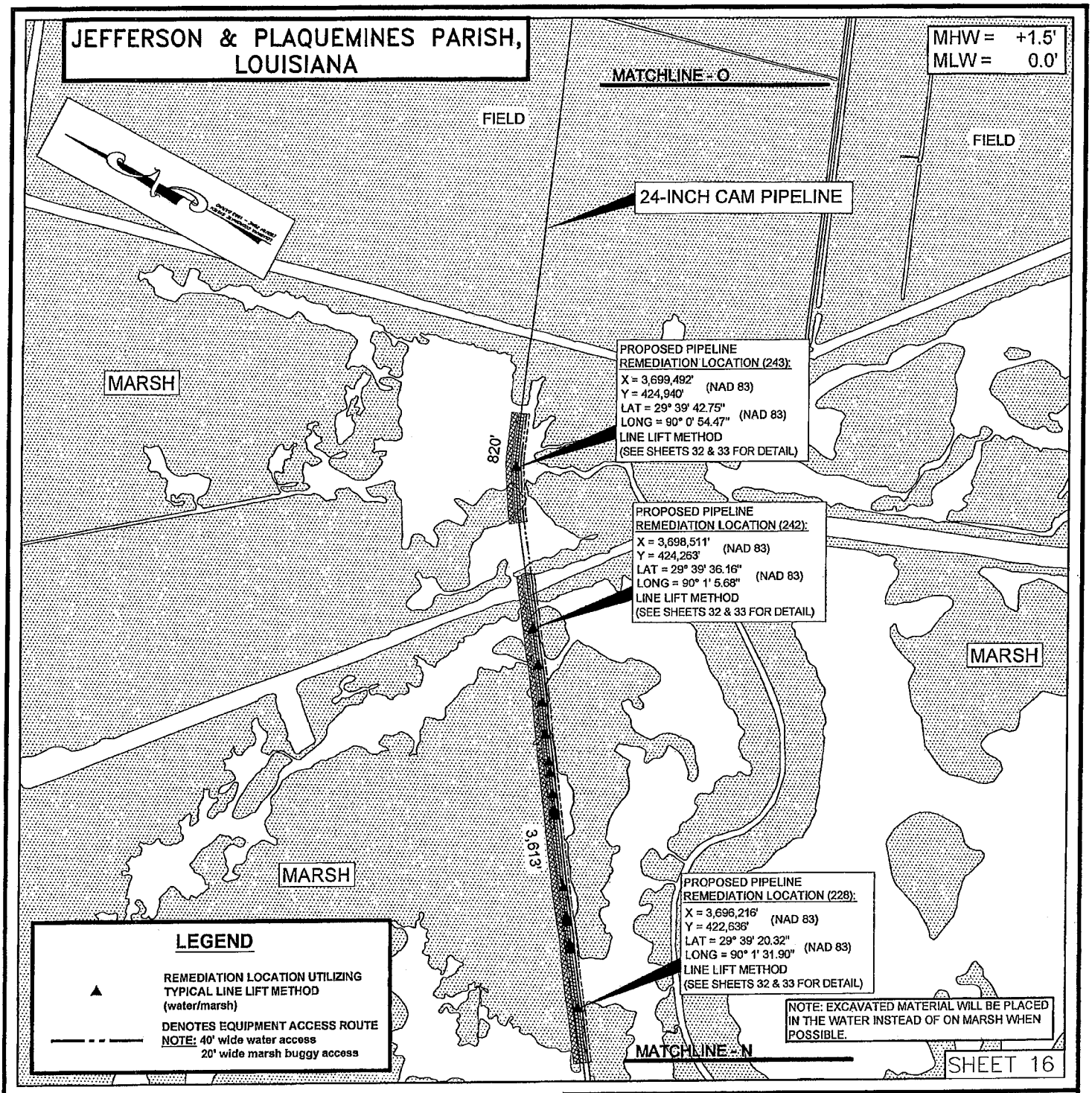
THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE AQUISITION OF REGULATORY PERMITS.

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |




# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |

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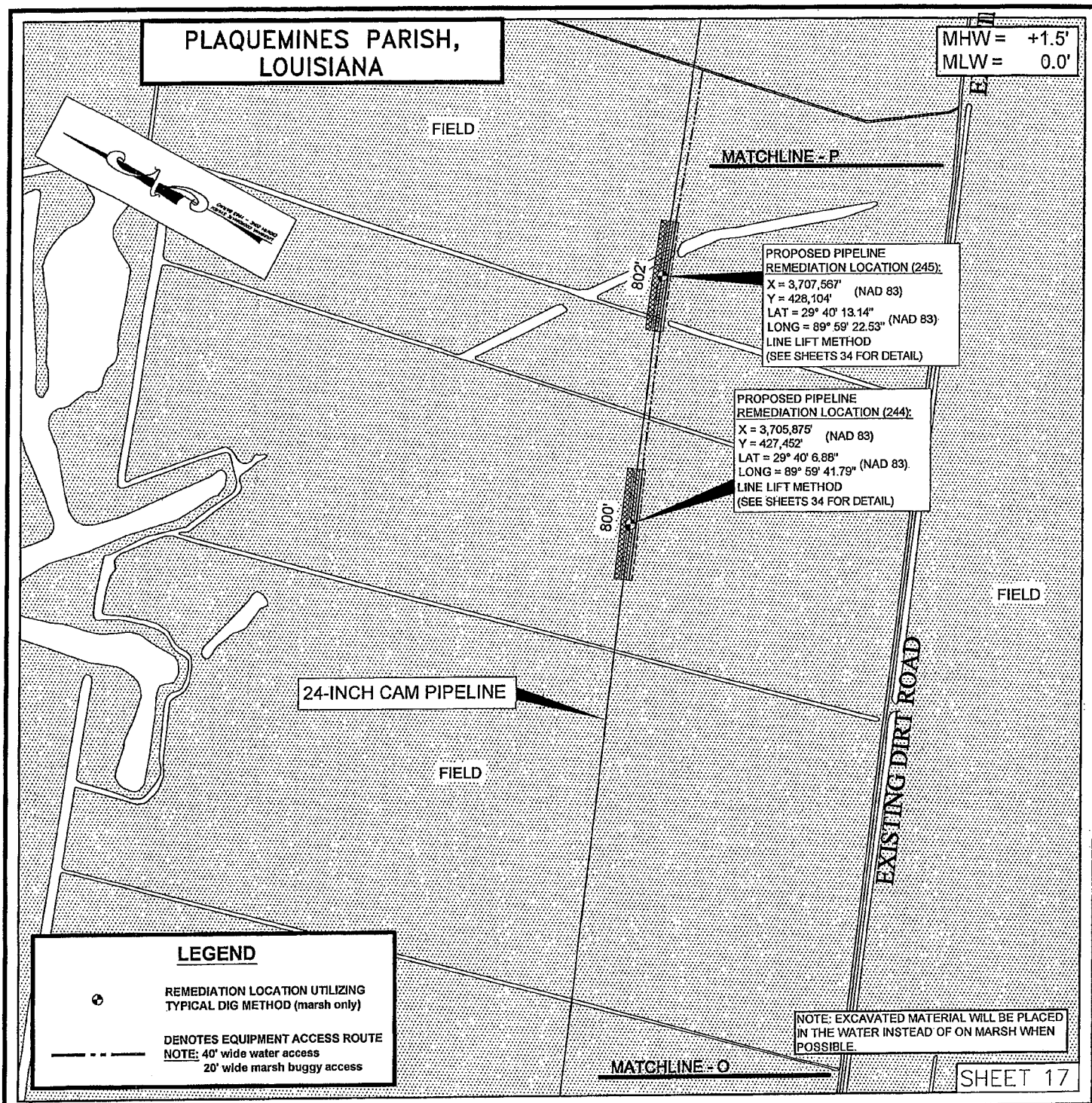


# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |

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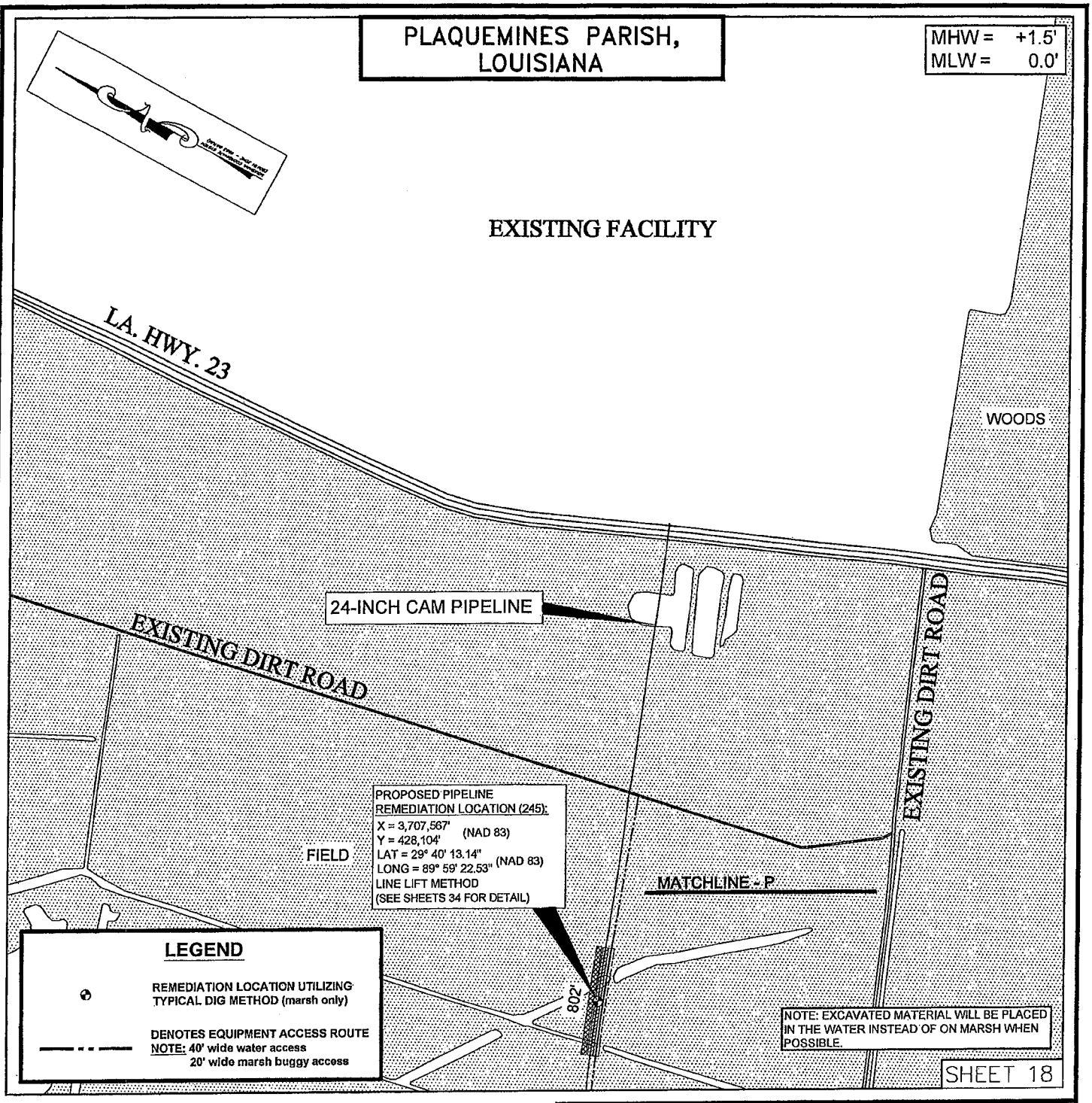
| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|




# PLAN VIEW

SCALE IN FEET

1,000' 500' 0' 1,000'

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

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE 1"= 1,000' |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-CAM1 |
| DATE 07/25/2012 | APP'D. | | |

MHW = +1.5'
MLW = 0.0'

PROPOSED PIPELINE REMEDIATION LOCATION (1):
X = 3,625,289' (NAD 83)
Y = 355,198'
LAT = 29° 28' 20.06" (NAD 83)
LONG = 90° 15' 2.98"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (8):
X = 3,627,053' (NAD 83)
Y = 355,645'
LAT = 29° 28' 24.32" (NAD 83)
LONG = 90° 14' 42.98"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

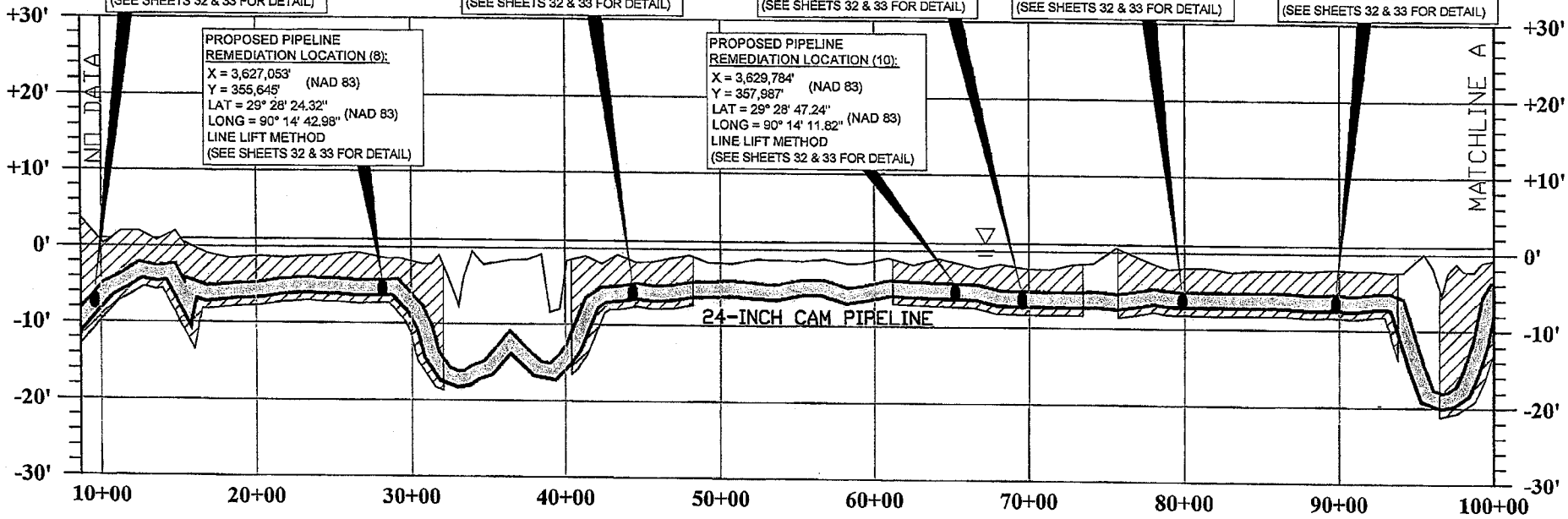
PROPOSED PIPELINE REMEDIATION LOCATION (9):
X = 3,628,495' (NAD 83)
Y = 356,382'
LAT = 29° 28' 31.48" (NAD 83)
LONG = 90° 14' 26.58"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (10):
X = 3,629,784' (NAD 83)
Y = 357,987'
LAT = 29° 28' 47.24" (NAD 83)
LONG = 90° 14' 11.82"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (11):
X = 3,629,983' (NAD 83)
Y = 358,372'
LAT = 29° 28' 51.04" (NAD 83)
LONG = 90° 14' 9.53"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (12):
X = 3,630,461' (NAD 83)
Y = 359,284'
LAT = 29° 29' 0.02" (NAD 83)
LONG = 90° 14' 4.03"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (15):
X = 3,631,063' (NAD 83)
Y = 360,069'
LAT = 29° 29' 7.73" (NAD 83)
LONG = 90° 13' 57.13"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)




# PROFILE VIEW

PROPOSED LINE LIFT EXCAVATION

SHEET 19

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

PLAINS PIPELINE, L.P.

HORIZONTAL SCALE IN FEET
1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET
20' 10' 0' 20'

PROPOSED PIPELINE REMEDIATION ALONG THE PLAINS 24-INCH CAM 1 PIPELINE LOCATED IN LAFOURCHE, JEFFERSON, AND PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

MHW = +1.5'
MLW = 0.0'

PROPOSED PIPELINE REMEDIATION LOCATION (16):
X = 3,631,742' (NAD 83)
Y = 360,904'
LAT = 29° 29' 15.93"
LONG = 90° 13' 49.36" (NAD 83)
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

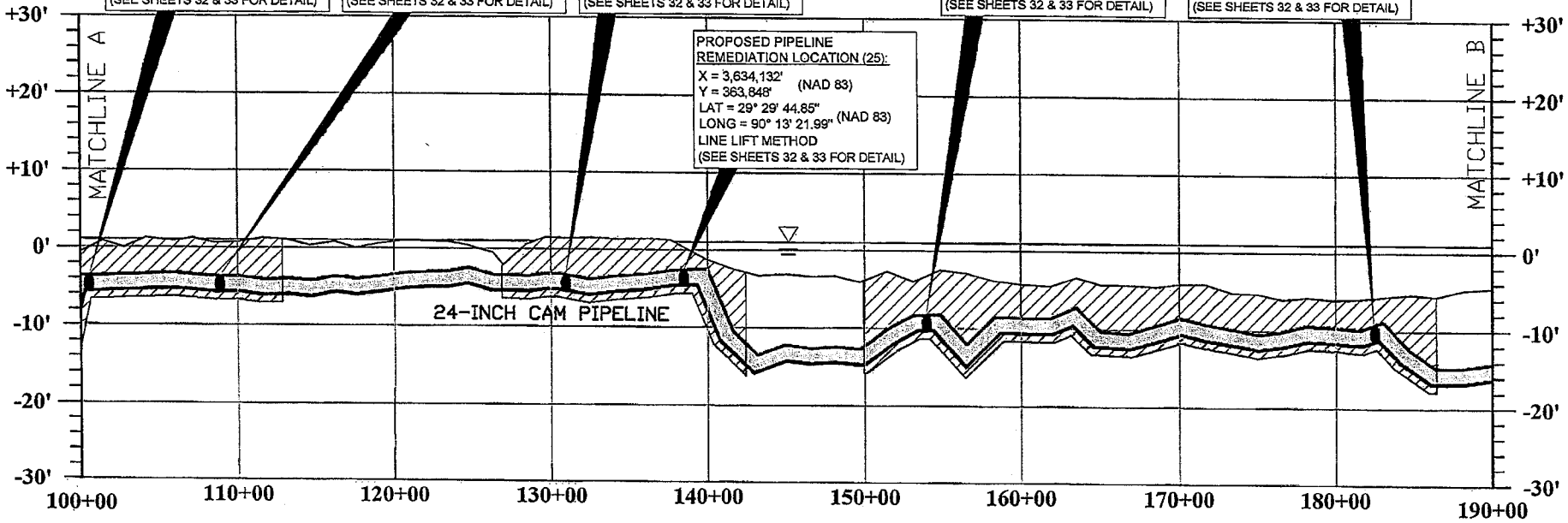
PROPOSED PIPELINE REMEDIATION LOCATION (19):
X = 3,632,267' (NAD 83)
Y = 361,551'
LAT = 29° 29' 22.29"
LONG = 90° 13' 43.34" (NAD 83)
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (20):
X = 3,633,658' (NAD 83)
Y = 363,264'
LAT = 29° 29' 39.11"
LONG = 90° 13' 27.42" (NAD 83)
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (25):
X = 3,634,132' (NAD 83)
Y = 363,848'
LAT = 29° 29' 44.85"
LONG = 90° 13' 21.99" (NAD 83)
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (26):
X = 3,635,109' (NAD 83)
Y = 365,046'
LAT = 29° 29' 56.61"
LONG = 90° 13' 10.80" (NAD 83)
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (34):
X = 3,636,799' (NAD 83)
Y = 367,343'
LAT = 29° 30' 19.19"
LONG = 90° 12' 51.43" (NAD 83)
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)




# PROFILE VIEW

PROPOSED LINE LIFT EXCAVATION

SHEET 20

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

PLAINS PIPELINE, L.P.

HORIZONTAL SCALE IN FEET
1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET
20' 10' 0' 20'

PROPOSED PIPELINE REMEDIATION ALONG THE PLAINS 24-INCH CAM 1 PIPELINE LOCATED IN LAFOURCHE, JEFFERSON, AND PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

MHW = +1.5'
MLW = 0.0'

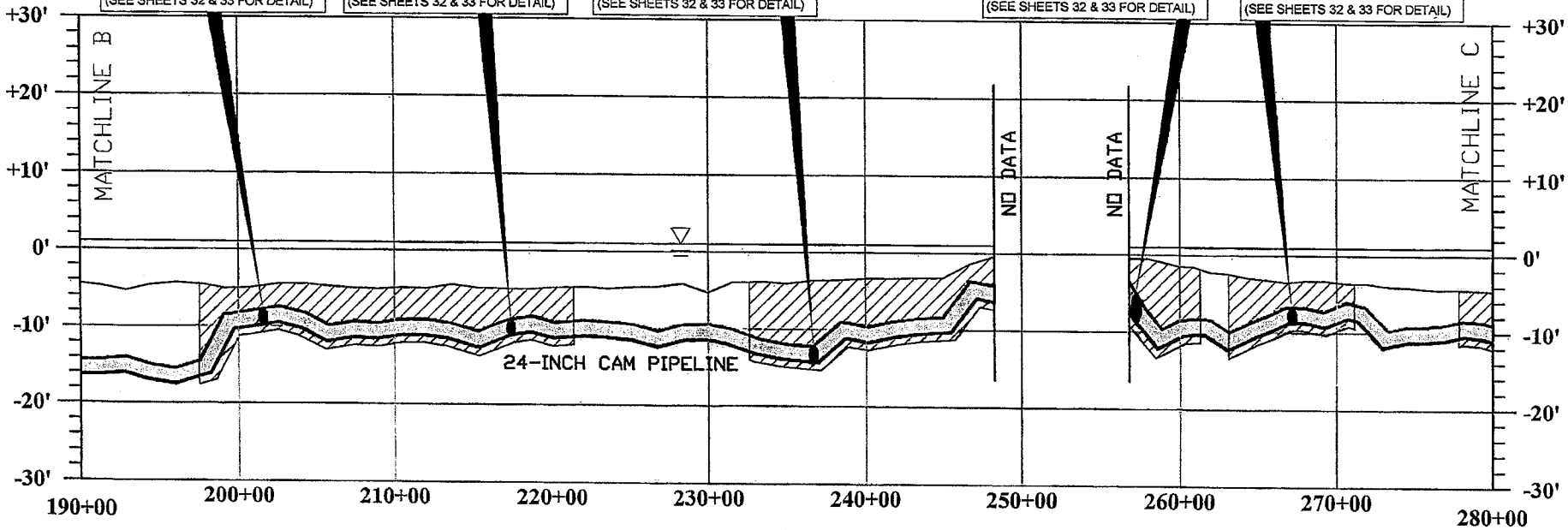
PROPOSED PIPELINE REMEDIATION LOCATION (35):
X = 3,637,858' (NAD 83)
Y = 368,928'
LAT = 29° 30' 34.78" (NAD 83)
LONG = 90° 12' 39.26"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (42):
X = 3,638,754' (NAD 83)
Y = 370,230'
LAT = 29° 30' 47.58" (NAD 83)
LONG = 90° 12' 28.98"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (43):
X = 3,639,839' (NAD 83)
Y = 371,825'
LAT = 29° 31' 3.27" (NAD 83)
LONG = 90° 12' 16.52"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (52):
X = 3,641,132' (NAD 83)
Y = 373,424'
LAT = 29° 31' 18.97" (NAD 83)
LONG = 90° 12' 1.71"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (53):
X = 3,641,750' (NAD 83)
Y = 374,196'
LAT = 29° 31' 26.55" (NAD 83)
LONG = 90° 11' 54.63"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)




# PROFILE VIEW

PROPOSED LINE LIFT EXCAVATION

SHEET 21

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

PLAINS PIPELINE, L.P.

HORIZONTAL SCALE IN FEET
1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET
20' 10' 0' 20'

PROPOSED PIPELINE REMEDIATION ALONG THE PLAINS 24-INCH CAM 1 PIPELINE LOCATED IN LAFOURCHE, JEFFERSON, AND PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

MHW = +1.5'
MLW = 0.0'

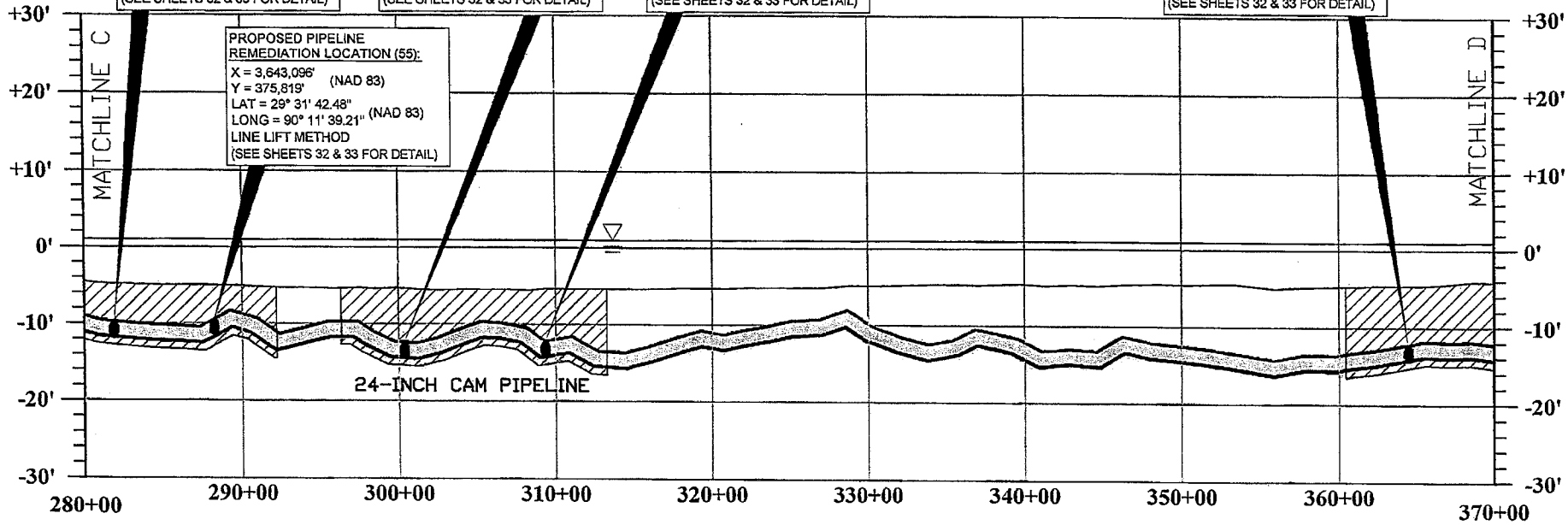
PROPOSED PIPELINE REMEDIATION LOCATION (54):
X = 3,642,684' (NAD 83)
Y = 375,334'
LAT = 29° 31' 37.72" (NAD 83)
LONG = 90° 11' 43.93"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (55):
X = 3,643,096' (NAD 83)
Y = 375,819'
LAT = 29° 31' 42.48" (NAD 83)
LONG = 90° 11' 39.21"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (56):
X = 3,643,871' (NAD 83)
Y = 376,750'
LAT = 29° 31' 51.63" (NAD 83)
LONG = 90° 11' 30.33"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (62):
X = 3,644,444' (NAD 83)
Y = 377,440'
LAT = 29° 31' 58.39" (NAD 83)
LONG = 90° 11' 23.77"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (63):
X = 3,647,957' (NAD 83)
Y = 381,687'
LAT = 29° 32' 40.09" (NAD 83)
LONG = 90° 10' 43.52"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)




# PROFILE VIEW

PROPOSED LINE LIFT EXCAVATION

SHEET 22

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

PLAINS PIPELINE, L.P.

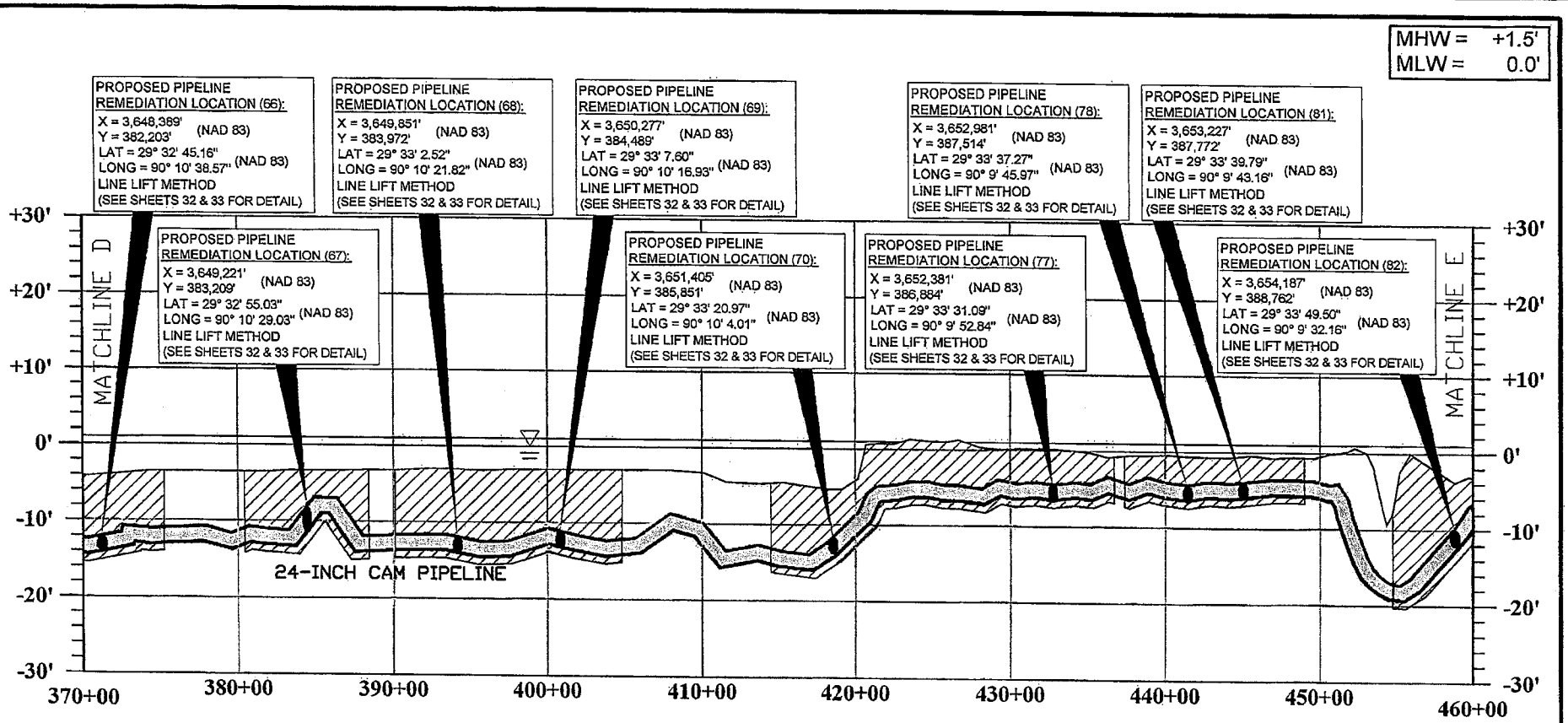
HORIZONTAL SCALE IN FEET
1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET
20' 10' 0' 20'

PROPOSED PIPELINE REMEDIATION ALONG THE PLAINS 24-INCH CAM 1 PIPELINE LOCATED IN LAFOURCHE, JEFFERSON, AND PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|




# PROFILE VIEW

PROPOSED LINE LIFT EXCAVATION

SHEET 23

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

PLAINS PIPELINE, L.P.

HORIZONTAL SCALE IN FEET

1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET

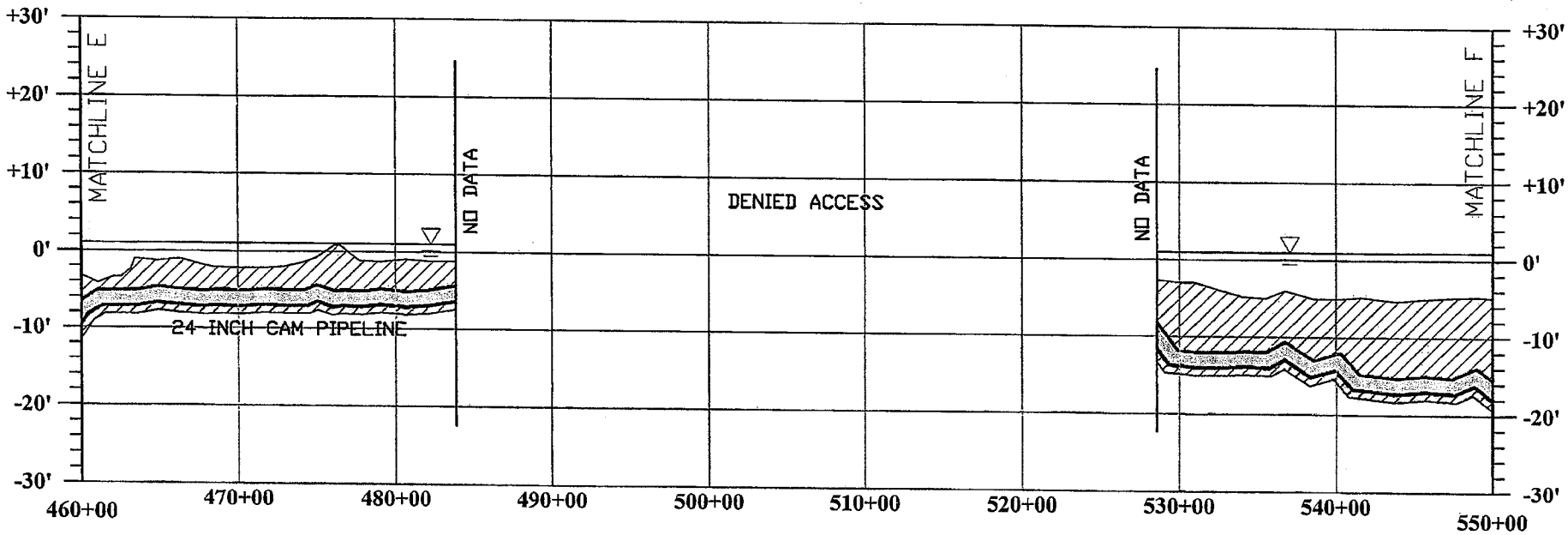
20' 10' 0' 20'

PROPOSED PIPELINE REMEDIATION ALONG THE PLAINS 24-INCH CAM 1 PIPELINE LOCATED IN LAFOURCHE, JEFFERSON, AND PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

MHW = +1.5'
MLW = 0.0'




# PROFILE VIEW

PROPOSED
LINE LIFT EXCAVATION

SHEET 24

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

PLAINS
PIPELINE, L.P.

HORIZONTAL SCALE IN FEET
1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET
20' 10' 0' 20'

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

MHW = +1.5'
MLW = 0.0'

PROPOSED PIPELINE REMEDIATION LOCATION (121):
X = 3,660,402' (NAD 83)
Y = 395,566'
LAT = 29° 34' 56.22" (NAD 83)
LONG = 90° 8' 20.99"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (122):
X = 3,661,206' (NAD 83)
Y = 396,743'
LAT = 29° 35' 7.78" (NAD 83)
LONG = 90° 8' 11.75"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

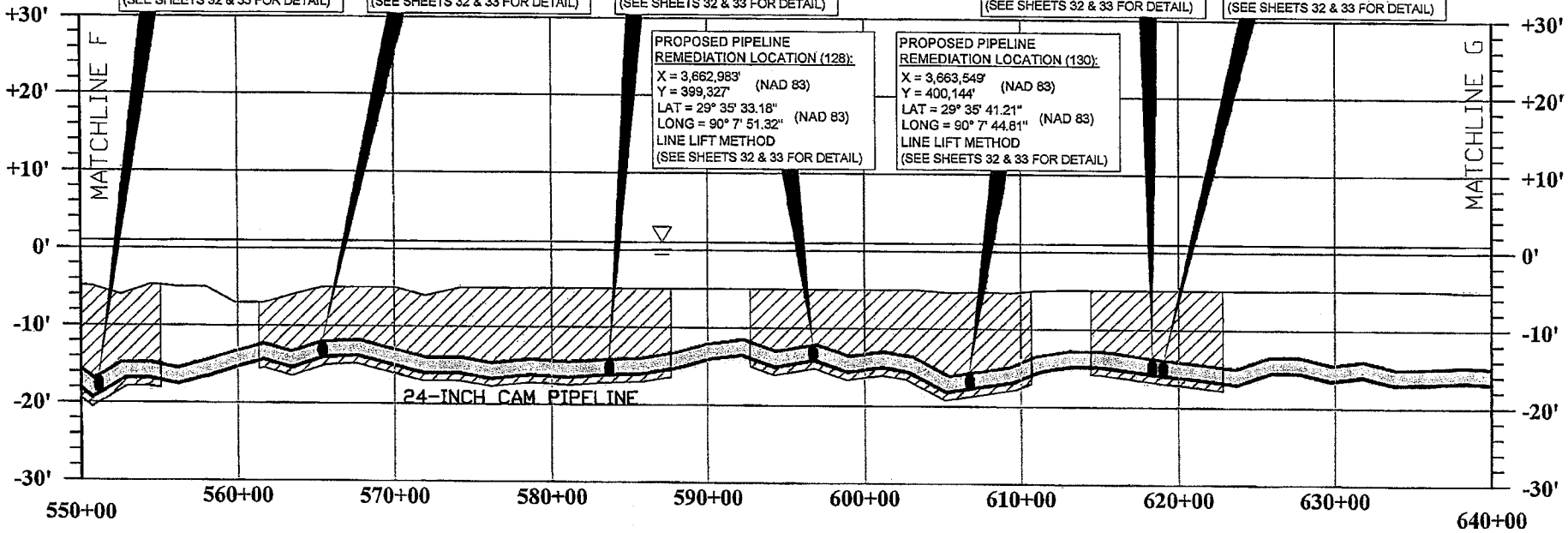
PROPOSED PIPELINE REMEDIATION LOCATION (127):
X = 3,662,239' (NAD 83)
Y = 398,249'
LAT = 29° 35' 22.59" (NAD 83)
LONG = 90° 7' 59.87"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (128):
X = 3,662,983' (NAD 83)
Y = 399,327'
LAT = 29° 35' 33.18" (NAD 83)
LONG = 90° 7' 51.32"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (130):
X = 3,663,549' (NAD 83)
Y = 400,144'
LAT = 29° 35' 41.21" (NAD 83)
LONG = 90° 7' 44.81"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (131):
X = 3,664,244' (NAD 83)
Y = 401,154'
LAT = 29° 35' 51.13" (NAD 83)
LONG = 90° 7' 36.82"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (132):
X = 3,664,266' (NAD 83)
Y = 401,187'
LAT = 29° 35' 51.46" (NAD 83)
LONG = 90° 7' 36.56"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)




# PROFILE VIEW

PROPOSED LINE LIFT EXCAVATION

SHEET 25

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

PLAINS PIPELINE, L.P.

HORIZONTAL SCALE IN FEET
1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET
20' 10' 0' 20'

PROPOSED PIPELINE REMEDIATION ALONG THE PLAINS 24-INCH CAM 1 PIPELINE LOCATED IN LAFOURCHE, JEFFERSON, AND PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

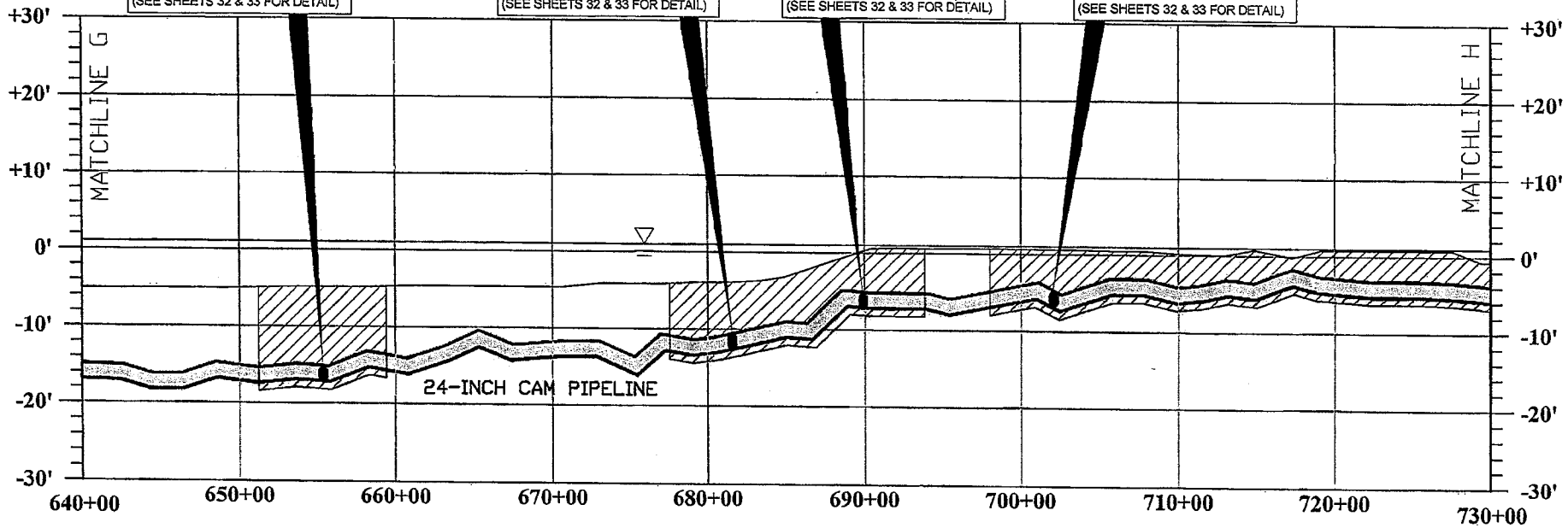
MHW = +1.5'
MLW = 0.0'

PROPOSED PIPELINE REMEDIATION LOCATION (133):
X = 3,666,356' (NAD 83)
Y = 404,111'
LAT = 29° 36' 20.18" (NAD 83)
LONG = 90° 7' 12.53"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (134):
X = 3,668,597' (NAD 83)
Y = 405,460'
LAT = 29° 36' 33.31" (NAD 83)
LONG = 90° 6' 46.98"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (136):
X = 3,669,324' (NAD 83)
Y = 405,861'
LAT = 29° 36' 37.20" (NAD 83)
LONG = 90° 6' 38.70"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (137):
X = 3,670,390' (NAD 83)
Y = 406,448'
LAT = 29° 36' 42.89" (NAD 83)
LONG = 90° 6' 26.56"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)




# PROFILE VIEW

PROPOSED LINE LIFT EXCAVATION

SHEET 26

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

PLAINS PIPELINE, L.P.

HORIZONTAL SCALE IN FEET
1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET
20' 10' 0' 20'

PROPOSED PIPELINE REMEDIATION ALONG THE PLAINS 24-INCH CAM 1 PIPELINE LOCATED IN LAFOURCHE, JEFFERSON, AND PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

MHW = +1.5'
MLW = 0.0'

PROPOSED PIPELINE REMEDIATION LOCATION (156):
X = 3,673,862' (NAD 83)
Y = 408,586'
LAT = 29° 37' 3.71" (NAD 83)
LONG = 90° 5' 46.96"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (157):
X = 3,674,843' (NAD 83)
Y = 409,382'
LAT = 29° 37' 11.46" (NAD 83)
LONG = 90° 5' 35.75"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

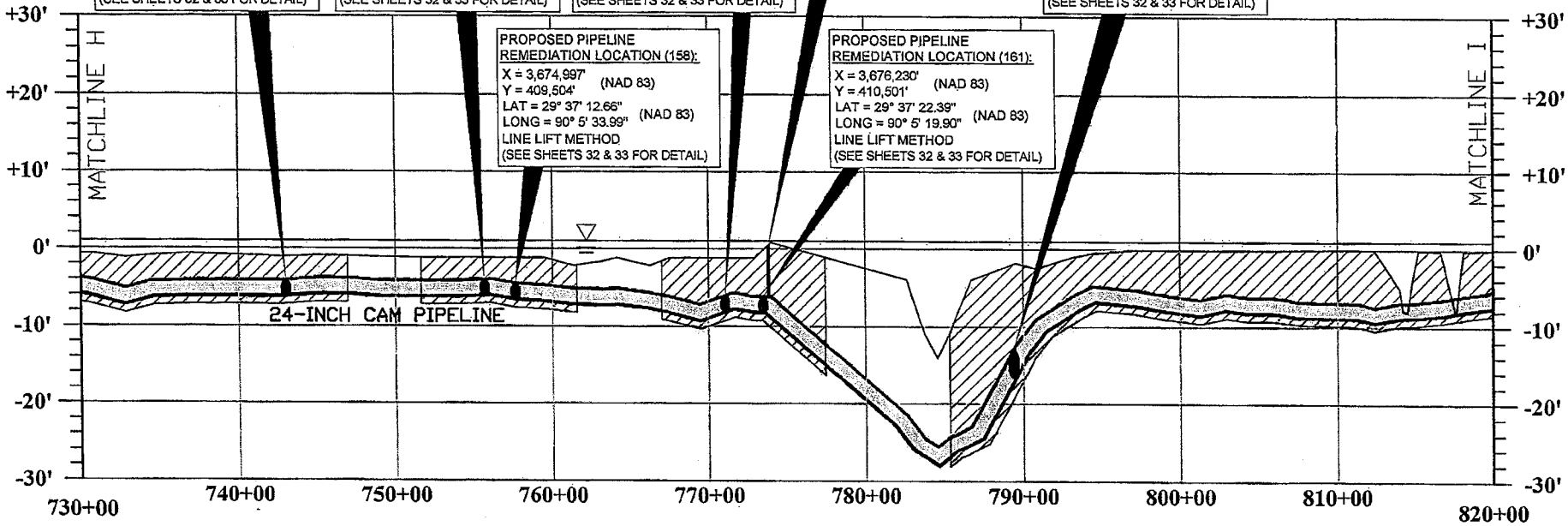
PROPOSED PIPELINE REMEDIATION LOCATION (158):
X = 3,674,997' (NAD 83)
Y = 409,504'
LAT = 29° 37' 12.66" (NAD 83)
LONG = 90° 5' 33.99"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (159):
X = 3,676,042' (NAD 83)
Y = 410,347'
LAT = 29° 37' 20.89" (NAD 83)
LONG = 90° 5' 22.05"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED VALVE REMOVAL LOCATION:
X = 3676261' (NAD 83)
Y = 410545'
LAT = 29° 37' 22.83" (NAD 83)
LONG = 90° 5' 19.55"

PROPOSED PIPELINE REMEDIATION LOCATION (161):
X = 3,676,230' (NAD 83)
Y = 410,501'
LAT = 29° 37' 22.39" (NAD 83)
LONG = 90° 5' 19.90"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (162):
X = 3,677,558' (NAD 83)
Y = 411,364'
LAT = 29° 37' 30.79" (NAD 83)
LONG = 90° 5' 4.75"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)




# PROFILE VIEW

PROPOSED LINE LIFT EXCAVATION

SHEET 27

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

PLAINS PIPELINE, L.P.

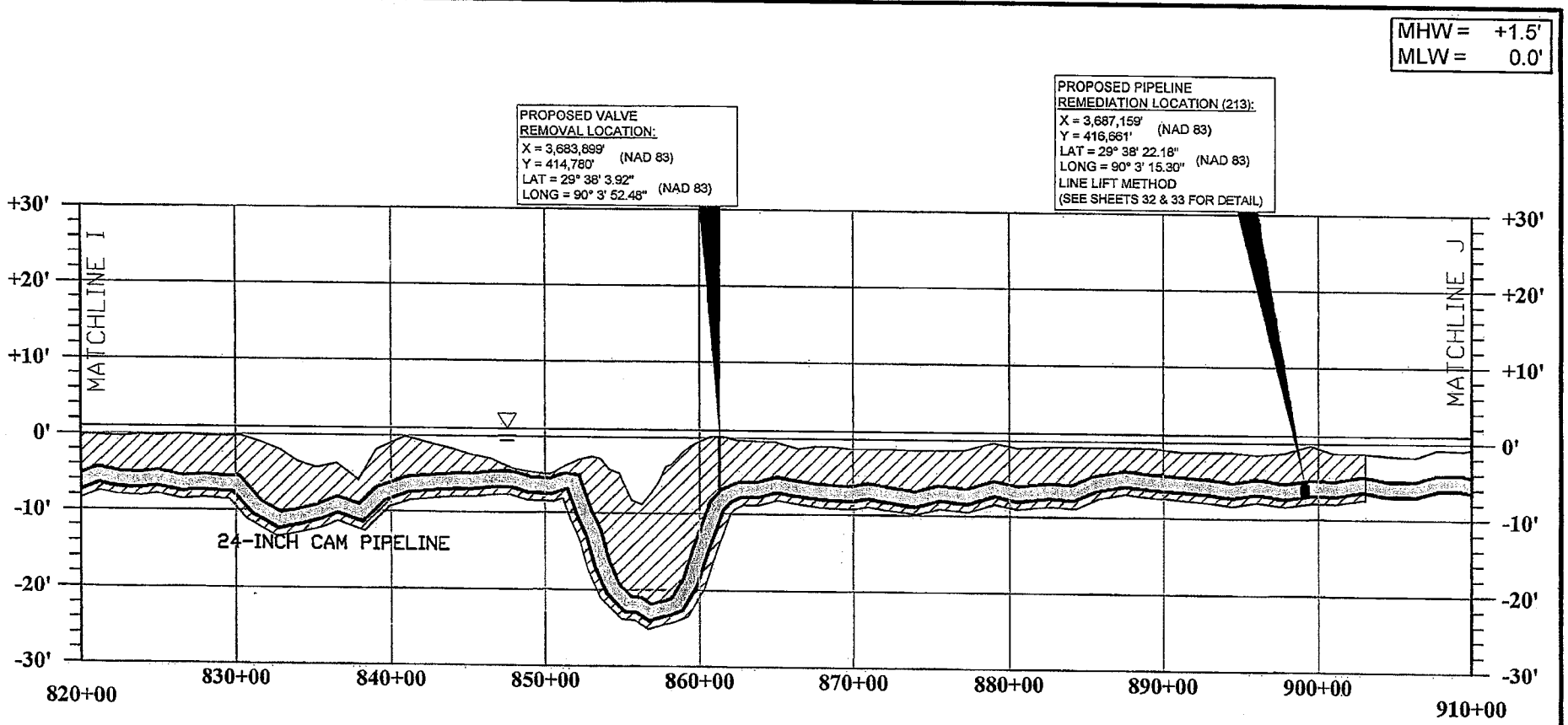
HORIZONTAL SCALE IN FEET
1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET
20' 10' 0' 20'

PROPOSED PIPELINE REMEDIATION ALONG THE PLAINS 24-INCH CAM 1 PIPELINE LOCATED IN LAFOURCHE, JEFFERSON, AND PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|




# PROFILE VIEW

PROPOSED LINE LIFT EXCAVATION

SHEET 28

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

PLAINS PIPELINE, L.P.

HORIZONTAL SCALE IN FEET

1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET

20' 10' 0' 20'

PROPOSED PIPELINE REMEDIATION ALONG THE PLAINS 24-INCH CAM 1 PIPELINE LOCATED IN LAFOURCHE, JEFFERSON, AND PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

MHW = +1.5'
MLW = 0.0'

PROPOSED PIPELINE REMEDIATION LOCATION (214):
X = 3,689,180' (NAD 83)
Y = 417,852'
LAT = 29° 38' 33.74" (NAD 83)
LONG = 90° 2' 52.25"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (215):
X = 3,689,658' (NAD 83)
Y = 418,130'
LAT = 29° 38' 36.45" (NAD 83)
LONG = 90° 2' 46.80"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (216):
X = 3,690,681' (NAD 83)
Y = 418,728'
LAT = 29° 38' 42.25" (NAD 83)
LONG = 90° 2' 35.12"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (221):
X = 3,691,166' (NAD 83)
Y = 419,072'
LAT = 29° 38' 45.60" (NAD 83)
LONG = 90° 2' 29.59"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

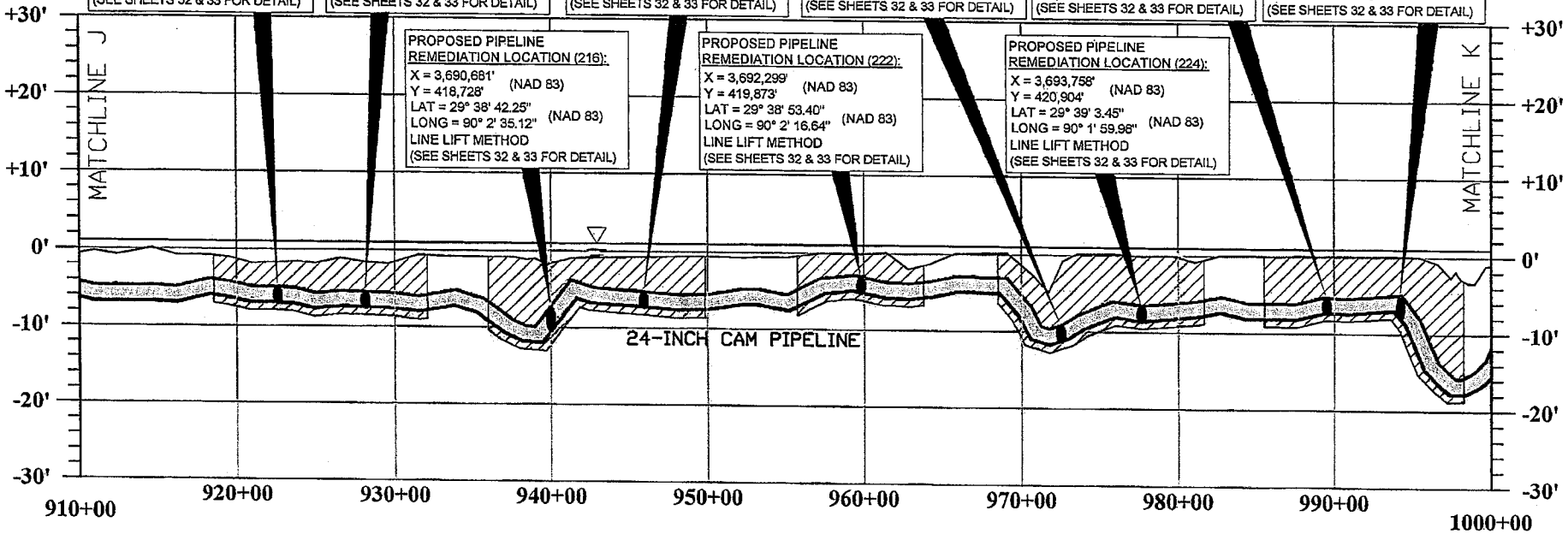
PROPOSED PIPELINE REMEDIATION LOCATION (222):
X = 3,692,299' (NAD 83)
Y = 419,873'
LAT = 29° 38' 53.40" (NAD 83)
LONG = 90° 2' 16.64"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (223):
X = 3,693,338' (NAD 83)
Y = 420,605'
LAT = 29° 39' 0.54" (NAD 83)
LONG = 90° 2' 4.77"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (224):
X = 3,693,758' (NAD 83)
Y = 420,904'
LAT = 29° 39' 3.45" (NAD 83)
LONG = 90° 1' 59.98"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (225):
X = 3,694,725' (NAD 83)
Y = 421,587'
LAT = 29° 39' 10.10" (NAD 83)
LONG = 90° 1' 48.93"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (227):
X = 3,695,113' (NAD 83)
Y = 421,863'
LAT = 29° 39' 12.79" (NAD 83)
LONG = 90° 1' 44.50"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)




# PROFILE VIEW

PROPOSED LINE LIFT EXCAVATION

SHEET 29

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

PLAINS PIPELINE, L.P.

HORIZONTAL SCALE IN FEET
1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET
20' 10' 0' 20'

PROPOSED PIPELINE REMEDIATION ALONG THE PLAINS 24-INCH CAM 1 PIPELINE LOCATED IN LAFOURCHE, JEFFERSON, AND PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

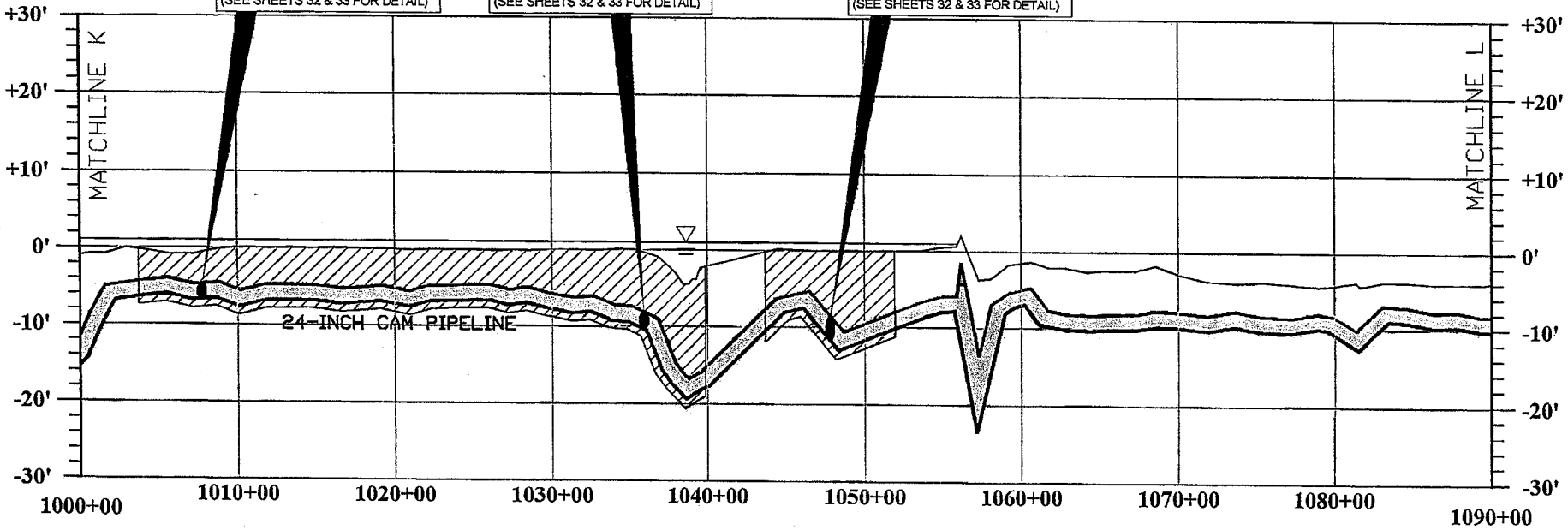
| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

MHW = +1.5'
MLW = 0.0'

PROPOSED PIPELINE REMEDIATION LOCATION (228):
X = 3,696,216' (NAD 83)
Y = 422,636'
LAT = 29° 39' 20.32" (NAD 83)
LONG = 90° 1' 31.90"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (242):
X = 3,698,511' (NAD 83)
Y = 424,263'
LAT = 29° 39' 36.16" (NAD 83)
LONG = 90° 1' 5.68"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)

PROPOSED PIPELINE REMEDIATION LOCATION (243):
X = 3,699,492' (NAD 83)
Y = 424,940'
LAT = 29° 39' 42.75" (NAD 83)
LONG = 90° 0' 54.47"
LINE LIFT METHOD
(SEE SHEETS 32 & 33 FOR DETAIL)




# PROFILE VIEW

PROPOSED LINE LIFT EXCAVATION

SHEET 30

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

PLAINS PIPELINE, L.P.

HORIZONTAL SCALE IN FEET
1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET
20' 10' 0' 20'

PROPOSED PIPELINE REMEDIATION ALONG THE PLAINS 24-INCH CAM 1 PIPELINE LOCATED IN LAFOURCHE, JEFFERSON, AND PLAQUEMINES PARISHES, LOUISIANA

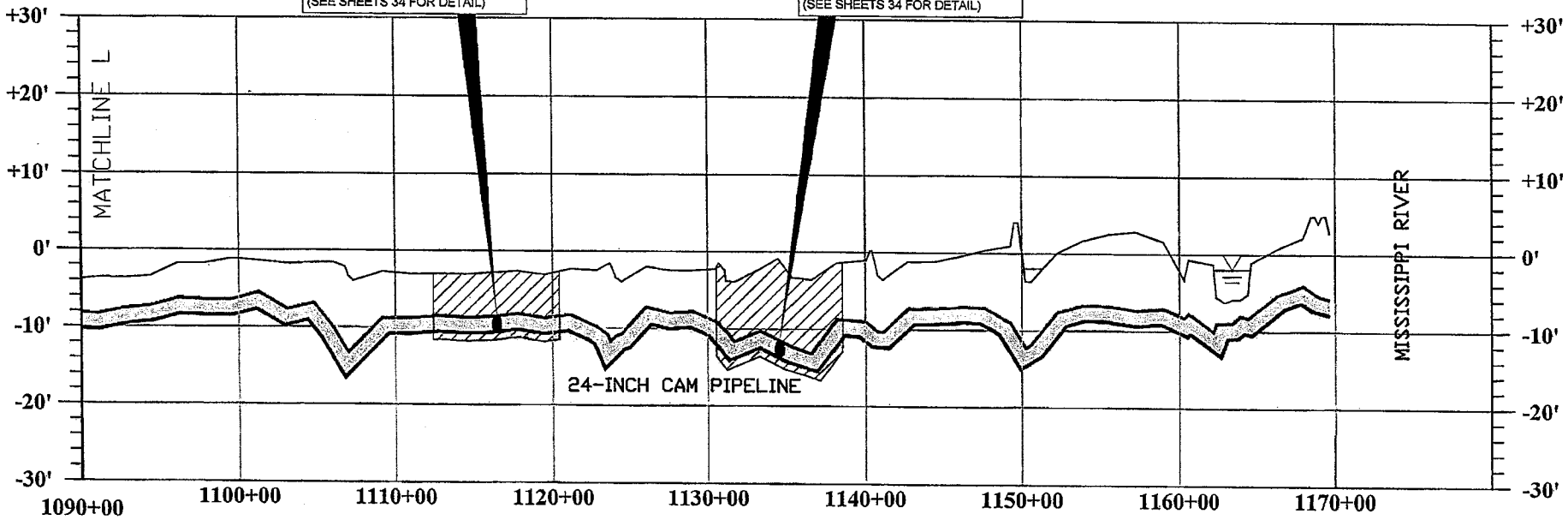
| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

MHW = +1.5'
MLW = 0.0'

PROPOSED PIPELINE
REMEDIATION LOCATION (244):
X = 3,705,875' (NAD 83)
Y = 427,452'
LAT = 29° 40' 6.88" (NAD 83)
LONG = 89° 59' 41.79"
LINE LIFT METHOD
(SEE SHEETS 34 FOR DETAIL)

PROPOSED PIPELINE
REMEDIATION LOCATION (245):
X = 3,707,567' (NAD 83)
Y = 428,104'
LAT = 29° 40' 13.14" (NAD 83)
LONG = 89° 59' 22.53"
LINE LIFT METHOD
(SEE SHEETS 34 FOR DETAIL)




# PROFILE VIEW

PROPOSED
LINE LIFT EXCAVATION

SHEET 31

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

PLAINS
PIPELINE, L.P.

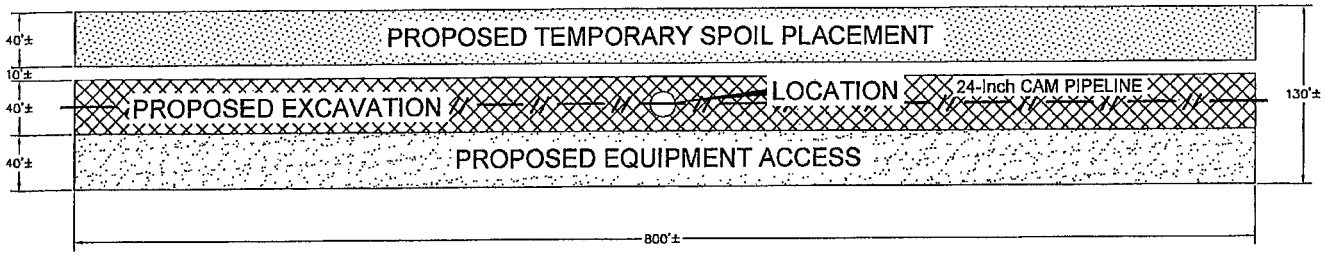
HORIZONTAL SCALE IN FEET
1,000' 500' 0' 1,000'

VERTICAL SCALE IN FEET
20' 10' 0' 20'

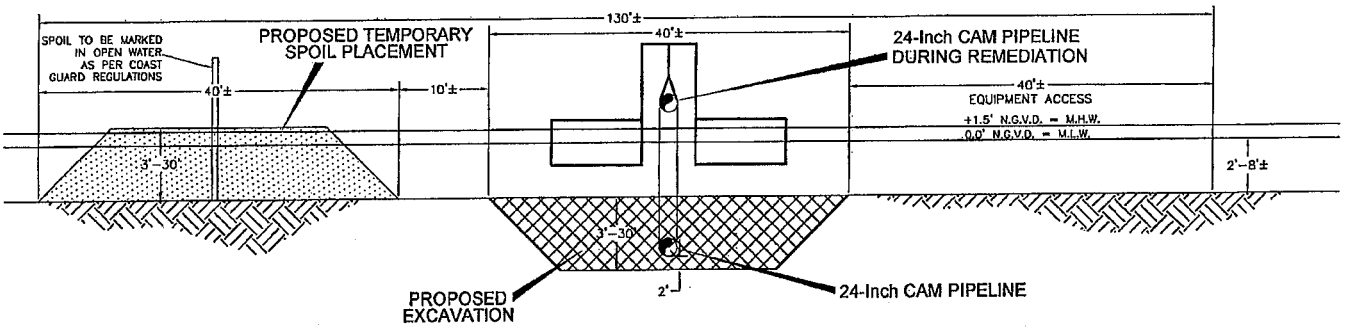
PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | 100687-1 |
| DATE 07/25/2012 | APP'D. | | |

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|




TOP VIEW - LINE LIFT PIPELINE REMEDIATION




TYPICAL PIPELINE REMEDIATON WITH LIFT YOKES IN OPEN WATER

NOTE: THE TOTAL WIDTH OF THE REQUIRED WORK AREAS IS 130'±. THE LENGTHS OF EACH WORK AREA DIFFER AND ARE SHOWN AT EACH REMEDIATION SITE ON SHEETS 2-11.

SHEET 32

0 20' 40'

HORIZONTAL SCALE

0 20' 40'

VERTICAL SCALE

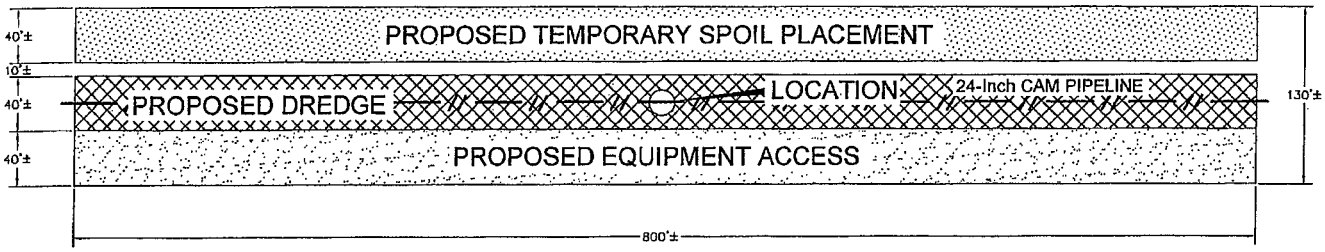
THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE AQUISITION OF REGULATORY PERMITS.

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

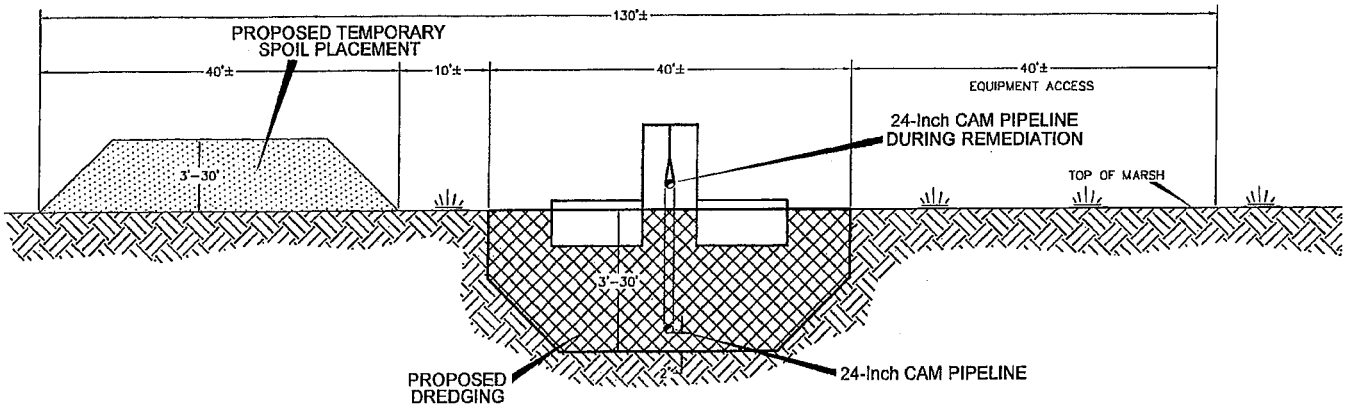
PLAINS PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-DETAILS.DWG |
| DATE 07/25/2012 | APP'D. | | |




TOP VIEW LINE LIFT ANOMALY REPAIR




TYPICAL ANOMALY REPAIR WITH LIFT YOKES IN MARSH

NOTE: THE TOTAL WIDTH OF THE REQUIRED WORK AREAS IS 130'±. THE LENGTHS OF EACH WORK AREA DIFFER AND ARE SHOWN AT EACH REMEDIATION SITE ON SHEETS 2-11.

SHEET 33

0 20' 40'

HORIZONTAL SCALE

0 20' 40'

VERTICAL SCALE

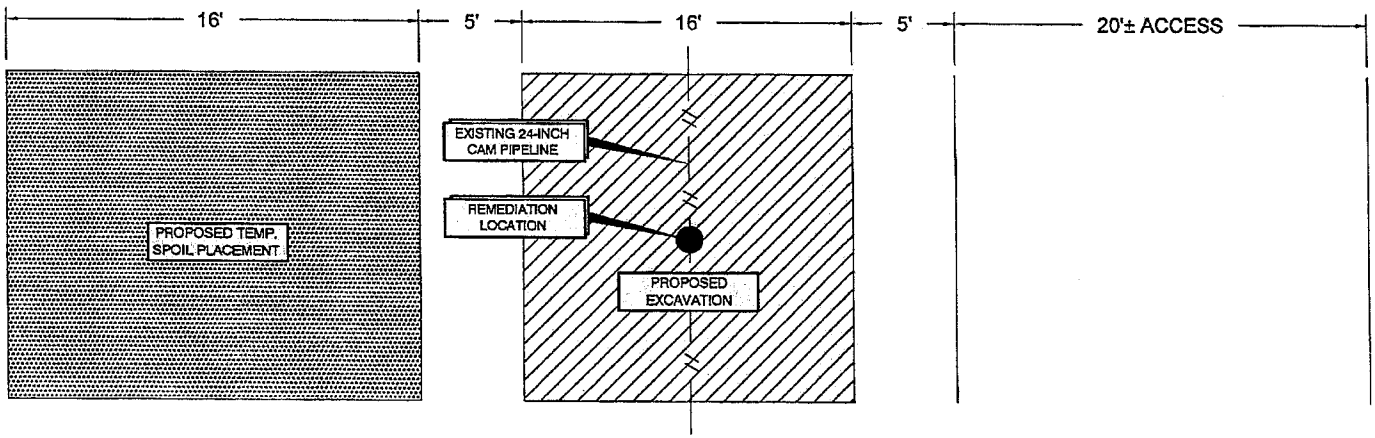
THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE AQUISITION OF REGULATORY PERMITS.

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

PLAINS PIPELINE, L.P.

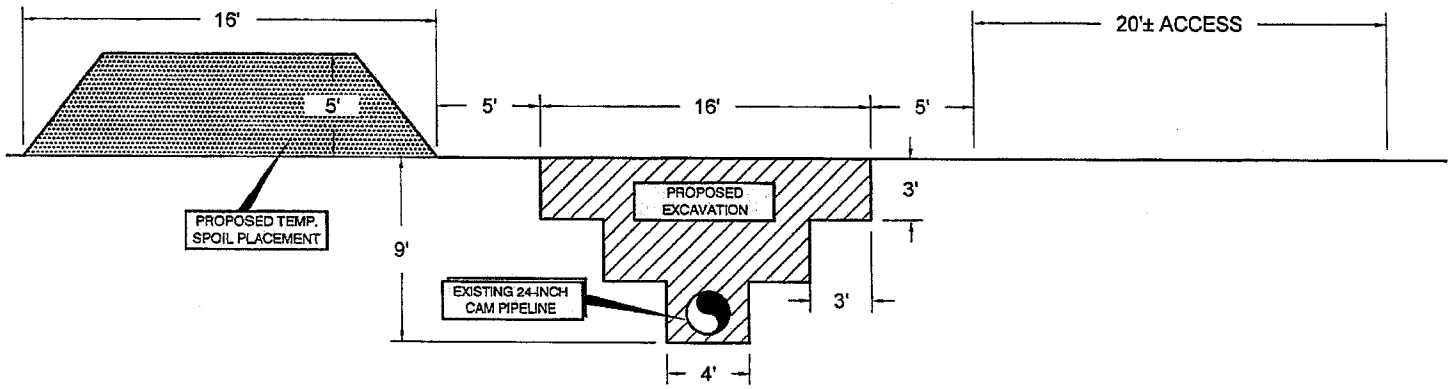
PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-DETAILS.DWG |
| DATE 07/25/2012 | APP'D. | | |




TOP VIEW - TYPICAL PIPELINE EXCAVATION ON LAND

N.T.S.




TYPICAL PIPELINE EXCAVATION ON LAND

N.T.S.

NOTE: TYPICAL PIPELINE EXCAVATIONS ON LAND WILL TAKE PLACE ONLY AT REMEDIATION LOCATIONS 244 & 245 SHOWN ON SHEET 17. PIPELINE DEPTH FOR BOTH SITES ARE CONSISTENT AND REPRESENTED ON THIS TYPICAL

SHEET 34

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

PLAINS MARKETING, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-DETAILS.DWG |
| DATE 07/25/2012 | APP'D. | | |

| | | | | | |
|---|---|---|---|---|---|
| SPM | NOTE. | 02 | SPM | 09/19 | KJK |

| Point # | Easting (NAD83) | Northing (NAD83) | Latitude (NAD83) | Longitude (NAD83) |
|---|---|---|---|---|
| 1 | 3625289 | 355198 | N29°28'20.06" | W90°15'02.98" |
| 2 | 3625526 | 355183 | N29°28'19.89" | W90°15'00.30" |
| 3 | 3625682 | 355179 | N29°28'19.83" | W90°14'58.53" |
| 4 | 3625722 | 355179 | N29°28'19.83" | W90°14'58.09" |
| 5 | 3625761 | 355180 | N29°28'19.84" | W90°14'57.64" |
| 6 | 3625880 | 355188 | N29°28'19.91" | W90°14'56.29" |
| 7 | 3626520 | 355384 | N29°28'21.78" | W90°14'49.03" |
| 8 | 3627053 | 355645 | N29°28'24.32" | W90°14'42.98" |
| 9 | 3628495 | 356382 | N29°28'31.48" | W90°14'26.58" |
| 10 | 3629784 | 357987 | N29°28'47.24" | W90°14'11.82" |
| 11 | 3629983 | 358372 | N29°28'51.04" | W90°14'09.53" |
| 12 | 3630461 | 359284 | N29°29'00.02" | W90°14'04.03" |
| 13 | 3630547 | 359418 | N29°29'01.33" | W90°14'03.04" |
| 14 | 3630594 | 359482 | N29°29'01.97" | W90°14'02.50" |
| 15 | 3631063 | 360069 | N29°29'07.73" | W90°13'57.13" |
| 16 | 3631742 | 360904 | N29°29'15.93" | W90°13'49.36" |
| 17 | 3632168 | 361429 | N29°29'21.09" | W90°13'44.48" |
| 18 | 3632242 | 361520 | N29°29'21.98" | W90°13'43.63" |
| 19 | 3632267 | 361551 | N29°29'22.29" | W90°13'43.34" |
| 20 | 3633658 | 363264 | N29°29'39.11" | W90°13'27.42" |
| 21 | 3633884 | 363539 | N29°29'41.82" | W90°13'24.83" |
| 22 | 3633984 | 363663 | N29°29'43.03" | W90°13'23.69" |
| 23 | 3634008 | 363693 | N29°29'43.33" | W90°13'23.41" |
| 24 | 3634058 | 363755 | N29°29'43.94" | W90°13'22.84" |
| 25 | 3634132 | 363848 | N29°29'44.85" | W90°13'21.99" |
| 26 | 3635109 | 365046 | N29°29'56.61" | W90°13'10.80" |
| 27 | 3635261 | 365230 | N29°29'58.43" | W90°13'09.06" |
| 28 | 3635312 | 365292 | N29°29'59.03" | W90°13'08.48" |
| 29 | 3635462 | 365476 | N29°30'00.84" | W90°13'06.76" |
| 30 | 3635909 | 366080 | N29°30'06.78" | W90°13'01.64" |
| 31 | 3635974 | 366179 | N29°30'07.75" | W90°13'00.89" |
| 32 | 3636366 | 366730 | N29°30'13.17" | W90°12'56.39" |
| 33 | 3636653 | 367155 | N29°30'17.34" | W90°12'53.10" |
| 34 | 3636799 | 367343 | N29°30'19.19" | W90°12'51.43" |
| 35 | 3637858 | 368928 | N29°30'34.78" | W90°12'39.26" |
| 36 | 3637881 | 368961 | N29°30'35.10" | W90°12'39.00" |
| 37 | 3637926 | 369026 | N29°30'35.74" | W90°12'38.48" |
| 38 | 3637949 | 369058 | N29°30'36.06" | W90°12'38.22" |
| 39 | 3637995 | 369122 | N29°30'36.69" | W90°12'37.69" |
| 40 | 3638202 | 369413 | N29°30'39.54" | W90°12'35.32" |
| 41 | 3638336 | 369606 | N29°30'41.44" | W90°12'33.78" |
| 42 | 3638754 | 370230 | N29°30'47.58" | W90°12'28.98" |
| 43 | 3639839 | 371825 | N29°31'03.27" | W90°12'16.52" |
| 44 | 3639913 | 371917 | N29°31'04.17" | W90°12'15.67" |
| 45 | 3640089 | 372132 | N29°31'06.28" | W90°12'13.66" |
| 46 | 3640165 | 372224 | N29°31'07.18" | W90°12'12.79" |
| 47 | 3640484 | 372625 | N29°31'11.12" | W90°12'09.14" |
| 48 | 3640533 | 372687 | N29°31'11.73" | W90°12'08.57" |
| 49 | 3640733 | 372933 | N29°31'14.14" | W90°12'06.28" |
| 50 | 3640783 | 372995 | N29°31'14.75" | W90°12'05.71" |
| 51 | 3640932 | 373178 | N29°31'16.55" | W90°12'04.00" |
| 52 | 3641332 | 373424 | N29°31'18.97" | W90°12'01.71" |
| 53 | 3641750 | 374196 | N29°31'26.55" | W90°11'54.63" |
| 54 | 3642684 | 375334 | N29°31'37.72" | W90°11'43.93" |
| 55 | 3643096 | 375819 | N29°31'42.48" | W90°11'39.21" |
| 56 | 3643871 | 376750 | N29°31'51.63" | W90°11'30.33" |
| 57 | 3644009 | 376921 | N29°31'53.30" | W90°11'28.75" |
| 58 | 3644034 | 376952 | N29°31'53.61" | W90°11'28.46" |
| 59 | 3644059 | 376983 | N29°31'53.91" | W90°11'28.18" |
| 60 | 3644234 | 377201 | N29°31'56.05" | W90°11'26.18" |
| 61 | 3644284 | 377263 | N29°31'56.66" | W90°11'25.60" |
| 62 | 3644444 | 377440 | N29°31'58.39" | W90°11'23.77" |
| 63 | 3647957 | 381687 | N29°32'40.09" | W90°10'43.52" |
| 64 | 3648084 | 381837 | N29°32'41.56" | W90°10'42.06" |
| 65 | 3648364 | 382172 | N29°32'44.85" | W90°10'38.85" |
| 66 | 3648389 | 382203 | N29°32'45.15" | W90°10'38.57" |
| 67 | 3649221 | 383209 | N29°32'55.03" | W90°10'29.03" |
| 68 | 3649851 | 383972 | N29°33'02.52" | W90°10'21.82" |
| 69 | 3650277 | 384480 | N29°33'07.60" | W90°10'16.93" |
| 70 | 3651405 | 385851 | N29°33'20.97" | W90°10'04.01" |
| 71 | 3651480 | 385941 | N29°33'21.85" | W90°10'03.14" |
| 72 | 3651588 | 386054 | N29°33'22.96" | W90°10'01.91" |
| 73 | 3651616 | 386082 | N29°33'23.23" | W90°10'01.59" |
| 74 | 3651644 | 386111 | N29°33'23.51" | W90°10'01.27" |
| 75 | 3651699 | 386168 | N29°33'24.07" | W90°10'00.64" |
| 76 | 3652000 | 386485 | N29°33'27.18" | W90°09'57.19" |
| 77 | 3652381 | 386884 | N29°33'31.09" | W90°09'52.84" |
| 78 | 3652981 | 387514 | N29°33'37.27" | W90°09'45.97" |
| 79 | 3653146 | 387687 | N29°33'38.96" | W90°09'44.08" |
| 80 | 3653173 | 387715 | N29°33'39.24" | W90°09'43.77" |
| 81 | 3653227 | 387772 | N29°33'39.79" | W90°09'43.16" |
| 82 | 3654187 | 388762 | N29°33'49.50" | W90°09'32.16" |
| 83 | 3654424 | 389028 | N29°33'52.11" | W90°09'29.45" |
| 84 | 3654861 | 389483 | N29°33'56.57" | W90°09'24.46" |
| 85 | 3654914 | 389539 | N29°33'57.11" | W90°09'23.85" |
| 86 | 3654941 | 389567 | N29°33'57.39" | W90°09'23.53" |
| 87 | 3654969 | 389596 | N29°33'57.67" | W90°09'23.22" |
| 88 | 3655131 | 389765 | N29°33'59.34" | W90°09'21.37" |
| 89 | 3655185 | 389823 | N29°33'59.90" | W90°09'20.74" |
| 90 | 3655212 | 389851 | N29°34'00.17" | W90°09'20.43" |
| 91 | 3655321 | 389966 | N29°34'01.30" | W90°09'19.19" |
| 92 | 3655457 | 390106 | N29°34'02.68" | W90°09'17.63" |
| 93 | 3655513 | 390162 | N29°34'03.22" | W90°09'17.00" |
| 94 | 3655626 | 390274 | N29°34'04.32" | W90°09'15.70" |
| 95 | 3655654 | 390302 | N29°34'04.59" | W90°09'15.38" |
| 96 | 3655682 | 390329 | N29°34'04.86" | W90°09'15.06" |
| 97 | 3655878 | 390524 | N29°34'06.77" | W90°09'12.82" |
| 98 | 3655934 | 390579 | N29°34'07.31" | W90°09'12.18" |
| 99 | 3656074 | 390717 | N29°34'08.67" | W90°09'10.58" |
| 100 | 3656466 | 391102 | N29°34'12.44" | W90°09'06.09" |
| 101 | 3656635 | 391271 | N29°34'14.09" | W90°09'04.16" |
| 102 | 3656692 | 391327 | N29°34'14.63" | W90°09'03.51" |
| 103 | 3657000 | 391636 | N29°34'17.66" | W90°08'59.98" |
| 104 | 3657340 | 391969 | N29°34'20.92" | W90°08'56.10" |
| 105 | 3657565 | 392191 | N29°34'23.10" | W90°08'53.51" |
| 106 | 3657677 | 392301 | N29°34'24.18" | W90°08'52.23" |
| 107 | 3657956 | 392584 | N29°34'26.95" | W90°08'49.04" |
| 108 | 3658062 | 392703 | N29°34'28.11" | W90°08'47.83" |
| 109 | 3658141 | 392792 | N29°34'28.99" | W90°08'46.92" |
| 110 | 3658483 | 393181 | N29°34'32.80" | W90°08'43.00" |
| 111 | 3658510 | 393210 | N29°34'33.09" | W90°08'42.70" |
| 112 | 3658641 | 393356 | N29°34'34.52" | W90°08'41.20" |
| 113 | 3659061 | 393832 | N29°34'39.19" | W90°08'36.39" |
| 114 | 3659220 | 394007 | N29°34'40.91" | W90°08'34.56" |
| 115 | 3659300 | 394096 | N29°34'41.78" | W90°08'33.65" |
| 116 | 3659352 | 394156 | N29°34'42.37" | W90°08'33.05" |
| 117 | 3659511 | 394333 | N29°34'44.10" | W90°08'31.22" |
| 118 | 3659703 | 394564 | N29°34'46.37" | W90°08'29.02" |
| 119 | 3660156 | 395206 | N29°34'52.68" | W90°08'23.82" |
| 120 | 3660380 | 395533 | N29°34'55.89" | W90°08'21.25" |
| 121 | 3660402 | 395566 | N29°34'56.22" | W90°08'20.99" |
| 122 | 3661206 | 396743 | N29°35'07.78" | W90°08'11.75" |
| 123 | 3661317 | 396908 | N29°35'09.41" | W90°08'10.47" |
| 124 | 3661678 | 397431 | N29°35'14.55" | W90°08'06.32" |
| 125 | 3661812 | 397628 | N29°35'16.48" | W90°08'04.77" |
| 126 | 3662171 | 398151 | N29°35'21.62" | W90°08'00.65" |
| 127 | 3662239 | 398249 | N29°35'22.59" | W90°07'59.87" |
| 128 | 3662983 | 399327 | N29°35'33.18" | W90°07'51.32" |
| 129 | 3663117 | 399522 | N29°35'35.10" | W90°07'49.77" |
| 130 | 3663549 | 400144 | N29°35'41.21" | W90°07'44.81" |
| 131 | 3664244 | 401154 | N29°35'51.13" | W90°07'36.82" |
| 132 | 3664266 | 401187 | N29°35'51.46" | W90°07'36.56" |
| 133 | 3666356 | 404111 | N29°36'20.18" | W90°07'12.53" |
| 134 | 3668597 | 405460 | N29°36'33.31" | W90°06'46.98" |
| 135 | 3668666 | 405498 | N29°36'33.68" | W90°06'46.20" |
| 136 | 3669324 | 405861 | N29°36'37.20" | W90°06'38.70" |
| 137 | 3670390 | 406448 | N29°36'42.89" | W90°06'26.50" |
| 138 | 3670529 | 406524 | N29°36'43.63" | W90°06'24.97" |
| 139 | 3670736 | 406639 | N29°36'44.75" | W90°06'22.61" |
| 140 | 3670874 | 406716 | N29°36'45.50" | W90°06'21.04" |
| 141 | 3670908 | 406735 | N29°36'45.68" | W90°06'20.65" |
| 142 | 3670942 | 406753 | N29°36'45.86" | W90°06'20.27" |
| 143 | 3671526 | 407073 | N29°36'48.96" | W90°06'13.61" |
| 144 | 3671734 | 407186 | N29°36'50.06" | W90°06'11.24" |
| 145 | 3671768 | 407205 | N29°36'50.24" | W90°06'10.85" |
| 146 | 3671974 | 407318 | N29°36'51.34" | W90°06'08.50" |
| 147 | 3672181 | 407432 | N29°36'52.45" | W90°06'06.15" |
| 148 | 3672695 | 407719 | N29°36'55.23" | W90°06'00.29" |
| 149 | 3672832 | 407796 | N29°36'55.98" | W90°05'58.73" |
| 150 | 3673127 | 407993 | N29°36'57.90" | W90°05'55.37" |
| 151 | 3673341 | 408164 | N29°36'59.57" | W90°05'52.92" |
| 152 | 3673402 | 408213 | N29°37'00.05" | W90°05'52.22" |
| 153 | 3673433 | 408238 | N29°37'00.30" | W90°05'51.87" |
| 154 | 3673769 | 408513 | N29°37'02.98" | W90°05'48.03" |
| 155 | 3673800 | 408538 | N29°37'03.22" | W90°05'47.67" |
| 156 | 3673862 | 408588 | N29°37'03.71" | W90°05'46.96" |
| 157 | 3674843 | 409382 | N29°37'11.46" | W90°05'35.75" |
| 158 | 3674997 | 409504 | N29°37'12.66" | W90°05'33.99" |
| 159 | 3676042 | 410347 | N29°37'20.89" | W90°05'22.05" |
| 160 | 3676227 | 410498 | N29°37'22.36" | W90°05'19.94" |
| 161 | 3676230 | 410501 | N29°37'22.39" | W90°05'19.90" |
| 162 | 3677558 | 411364 | N29°37'30.79" | W90°05'04.75" |
| 163 | 3678153 | 411685 | N29°37'33.90" | W90°04'57.97" |
| 164 | 3678750 | 412005 | N29°37'37.01" | W90°04'51.16" |
| 165 | 3678891 | 412080 | N29°37'37.73" | W90°04'49.55" |
| 166 | 3679135 | 412211 | N29°37'39.00" | W90°04'46.77" |
| 167 | 3679205 | 412248 | N29°37'39.37" | W90°04'45.98" |
| 168 | 3679275 | 412287 | N29°37'39.74" | W90°04'45.18" |
| 169 | 3679413 | 412363 | N29°37'40.48" | W90°04'43.61" |
| 170 | 3679802 | 412567 | N29°37'42.46" | W90°04'39.18" |
| 171 | 3679942 | 412642 | N29°37'43.19" | W90°04'37.58" |
| 172 | 3680116 | 412737 | N29°37'44.11" | W90°04'35.60" |
| 173 | 3680151 | 412756 | N29°37'44.29" | W90°04'35.19" |
| 174 | 3680363 | 412868 | N29°37'45.38" | W90°04'32.78" |
| 175 | 3680468 | 412925 | N29°37'45.93" | W90°04'31.59" |
| 176 | 3680538 | 412963 | N29°37'46.30" | W90°04'30.79" |
| 177 | 3680712 | 413058 | N29°37'47.22" | W90°04'28.80" |
| 178 | 3680747 | 413077 | N29°37'47.41" | W90°04'28.40" |
| 179 | 3680782 | 413096 | N29°37'47.59" | W90°04'28.01" |
| 180 | 3680817 | 413115 | N29°37'47.78" | W90°04'27.61" |
| 181 | 3680887 | 413153 | N29°37'48.15" | W90°04'26.81" |
| 182 | 3680993 | 413210 | N29°37'48.69" | W90°04'25.60" |
| 183 | 3681028 | 413228 | N29°37'48.87" | W90°04'25.20" |
| 184 | 3681063 | 413247 | N29°37'49.05" | W90°04'24.80" |
| 185 | 3681098 | 413265 | N29°37'49.23" | W90°04'24.40" |
| 186 | 3681134 | 413284 | N29°37'49.41" | W90°04'24.00" |
| 187 | 3681169 | 413303 | N29°37'49.60" | W90°04'23.60" |
| 188 | 3681238 | 413340 | N29°37'49.96" | W90°04'22.80" |
| 189 | 3681309 | 413377 | N29°37'50.32" | W90°04'22.00" |
| 190 | 3681344 | 413396 | N29°37'50.50" | W90°04'21.60" |
| 191 | 3681483 | 413472 | N29°37'51.24" | W90°04'20.02" |
| 192 | 3681693 | 413586 | N29°37'52.34" | W90°04'17.62" |
| 193 | 3681940 | 413717 | N29°37'53.61" | W90°04'14.81" |
| 194 | 3682394 | 413963 | N29°37'56.00" | W90°04'09.63" |
| 195 | 3682698 | 414125 | N29°37'57.56" | W90°04'06.17" |
| 196 | 3682918 | 414244 | N29°37'58.72" | W90°04'03.66" |
| 197 | 3682988 | 414281 | N29°37'59.08" | W90°04'02.86" |
| 198 | 3683199 | 414392 | N29°38'00.15" | W90°04'00.46" |
| 199 | 3683795 | 414708 | N29°38'03.21" | W90°03'53.66" |
| 200 | 3683902 | 414765 | N29°38'03.77" | W90°03'52.45" |
| 201 | 3684326 | 414994 | N29°38'05.99" | W90°03'47.62" |
| 202 | 3684360 | 415014 | N29°38'06.18" | W90°03'47.22" |
| 203 | 3684395 | 415033 | N29°38'06.37" | W90°03'46.82" |
| 204 | 3684568 | 415132 | N29°38'07.33" | W90°03'44.85" |
| 205 | 3684808 | 415273 | N29°38'08.69" | W90°03'42.12" |
| 206 | 3685013 | 415395 | N29°38'09.89" | W90°03'39.78" |
| 207 | 3685093 | 415798 | N29°38'13.80" | W90°03'32.02" |
| 208 | 3685793 | 415856 | N29°38'14.36" | W90°03'30.88" |
| 209 | 3686271 | 416136 | N29°38'17.08" | W90°03'25.43" |
| 210 | 3686305 | 416157 | N29°38'17.28" | W90°03'25.04" |
| 211 | 3686783 | 416439 | N29°38'20.02" | W90°03'19.58" |
| 212 | 3686919 | 416519 | N29°38'20.81" | W90°03'18.03" |
| 213 | 3687159 | 416661 | N29°38'22.18" | W90°03'15.30" |
| 214 | 3689180 | 417852 | N29°38'33.74" | W90°02'52.25" |
| 215 | 3689658 | 418130 | N29°38'36.45" | W90°02'46.80" |
| 216 | 3690681 | 418728 | N29°38'42.25" | W90°02'35.12" |
| 217 | 3690714 | 418750 | N29°38'42.47" | W90°02'34.74" |
| 218 | 3690812 | 418818 | N29°38'43.13" | W90°02'33.62" |
| 219 | 3690845 | 418841 | N29°38'43.35" | W90°02'33.25" |
| 220 | 3690877 | 418864 | N29°38'43.58" | W90°02'32.88" |
| 221 | 3691166 | 419072 | N29°38'45.60" | W90°02'29.59" |
| 222 | 3692299 | 419873 | N29°38'53.40" | W90°02'16.64" |
| 223 | 3693338 | 420605 | N29°39'00.54" | W90°02'04.77" |
| 224 | 3693758 | 420904 | N29°39'03.45" | W90°01'59.98" |
| 225 | 3694725 | 421587 | N29°39'10.10" | W90°01'48.93" |
| 226 | 3694855 | 421678 | N29°39'10.99" | W90°01'47.45" |
| 227 | 3695113 | 421863 | N29°39'12.79" | W90°01'44.50" |
| 228 | 3696216 | 422636 | N29°39'20.32" | W90°01'31.90" |
| 229 | 3696570 | 422889 | N29°39'22.78" | W90°01'27.85" |
| 230 | 3696603 | 422912 | N29°39'23.00" | W90°01'27.48" |
| 231 | 3696733 | 423003 | N29°39'23.89" | W90°01'25.99" |
| 232 | 3696765 | 423025 | N29°39'24.10" | W90°01'25.63" |
| 233 | 3696944 | 423152 | N29°39'25.34" | W90°01'23.58" |
| 234 | 3697378 | 423460 | N29°39'28.34" | W90°01'18.62" |
| 235 | 3697410 | 423483 | N29°39'28.56" | W90°01'18.25" |
| 236 | 3697508 | 423552 | N29°39'29.23" | W90°01'17.13" |
| 237 | 3697638 | 423644 | N29°39'30.13" | W90°01'15.65" |
| 238 | 3697703 | 423690 | N29°39'30.58" | W90°01'14.91" |
| 239 | 3697865 | 423806 | N29°39'31.71" | W90°01'13.06" |
| 240 | 3698060 | 423942 | N29°39'33.04" | W90°01'10.83" |
| 241 | 3698287 | 424100 | N29°39'34.58" | W90°01'08.24" |
| 242 | 3698511 | 424263 | N29°39'36.16" | W90°01'05.68" |
| 243 | 3699492 | 424940 | N29°39'42.75" | W90°00'54.47" |
| 244 | 3705875 | 427452 | N29°40'06.88" | W89°59'41.79" |
| 245 | 3707567 | 428104 | N29°40'13.14" | W89°59'22.53" |

SHEET 35

PLAINS
PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-DETAILS.DWG |
| DATE 07/25/2012 | APP'D. | | |

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

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

# 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 may, at the request of LDWF and prior written approval of CMD, be required to modify the project if the proposed location unnecessarily impacts oyster reefs.

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.

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.

Applicant shall provide to the LDWF a water bottom assessment (unless waived by LDWF) that meets LDWF protocol prior to commencement of the activity. A waiver request must be submitted to LDWF in writing and must state the justification for the request.

# TOTAL IMPACTS

| | |
|---|---|
| **EXCAVATION** | |
| NON-VEGETATED WATER BOTTOMS: | 542,070 CU. YDS.<br>62.80 ACS. |
| WETLANDS: | 64,818 CU. YDS.<br>7.51 ACS. |
| UPLANDS: | 4,747 CU. YDS.<br>0.59 ACS. |
| **FILL AREAS** | |
| NON-VEGETATED WATER BOTTOMS: | 542,070 CU. YDS.<br>62.80 ACS. |
| WETLANDS: | 64,818 CU. YDS.<br>7.51 ACS. |
| UPLANDS: | 4,747 CU. YDS.<br>0.59 ACS. |
| **FILL MATERIALS** | |
| NATIVE MATERIAL: | 611,635 CU. YDS. |

SHEET 36

PLAINS
PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-DETAILS.DWG |
| DATE 07/25/2012 | APP'D. | | |

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

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|

# Equipment List with Corresponding Draft

One(1) Spud Barge (120'x38'x8') with 900 American Series Cane 120' Boom/125-ton Capacity, Crew Quarters for 18 men (draft 4')

One(1) Cargo Barge (120'x30'x7') (draft 2')

One(1) 600 H.P. Tug (55'x20'x7') (draft 4.5')

One(1) 400 H.P. Tug (55'x18'x6') (draft 4.0')

One(1) Pipe Lift and Repair barge (90'x26'x5') (draft 3')

One(1) Dual Yoke Pipe lift and Repair Barge (90'x26'x5') (draft 2.0')

Four(4) Single Yoke Pipe Lift and Repair Barges (30'x26'x4') (draft 2.5')

One(1) Crewboat (38'x10'x5') with Dual 200 H.P. Outboard Motors (draft 2.5')

Two(2) Work Pontoons (30'x10'x2.5') (draft 1.5')

One(1) Marsh buggy with excavator (30'x20')

SHEET 37

PLAINS
PIPELINE, L.P.

PROPOSED PIPELINE REMEDIATION
ALONG THE PLAINS 24-INCH CAM 1 PIPELINE
LOCATED IN LAFOURCHE, JEFFERSON, AND
PLAQUEMINES PARISHES, LOUISIANA

| DRAFTING | ENGINEERING | DATE | SCALE AS SHOWN |
|---|---|---|---|
| DWG. SPM | ENGR. | | DWG. NO. |
| CH. KJK | CH. | | P100687-DETAILS.DWG |
| DATE 07/25/2012 | APP'D. | | |

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

| REV. | DESCRIPTION | DWN. | ENGR. | DATE | APP'D. |
|---|---|---|---|---|---|