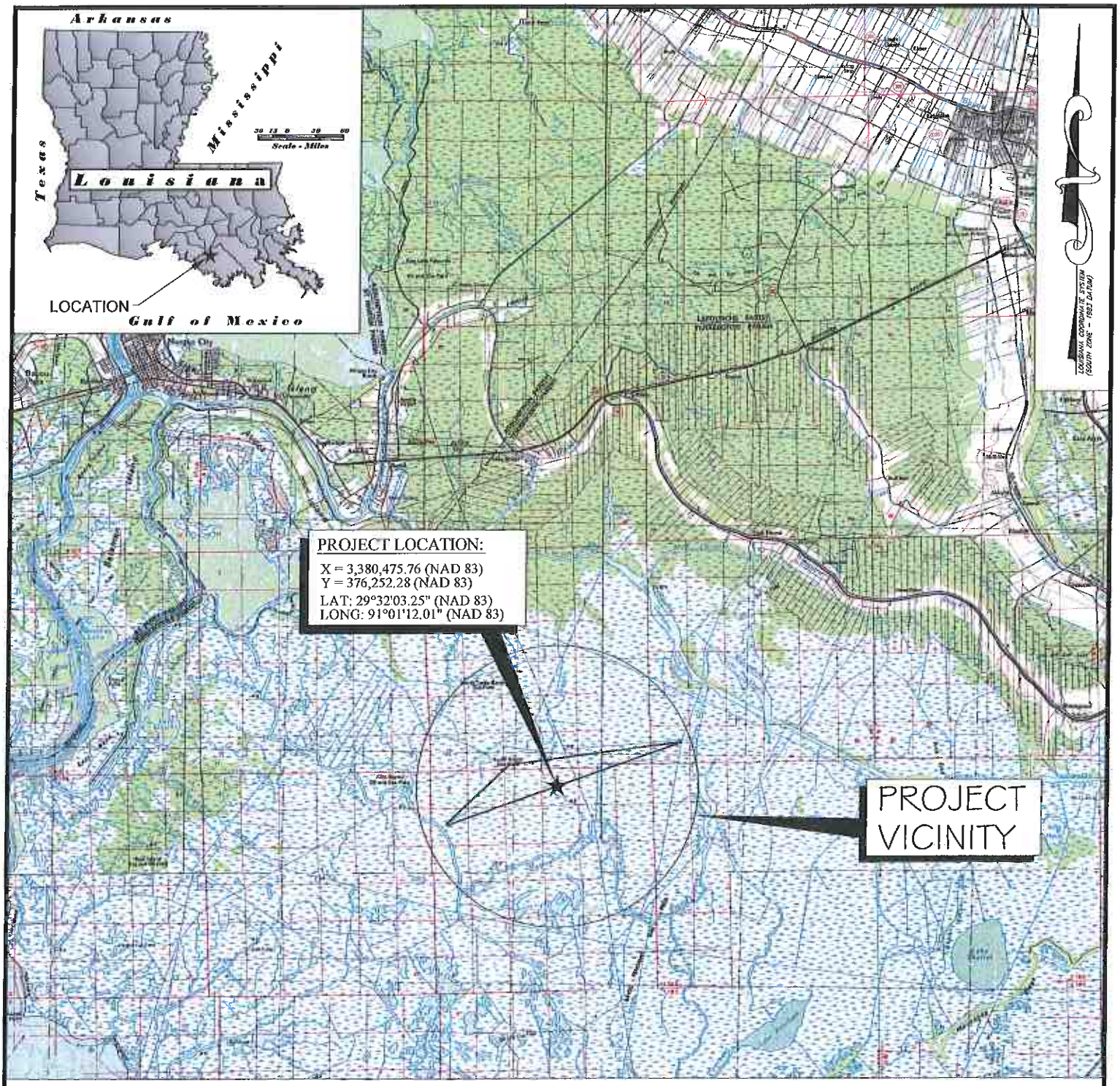


THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE AQUISITION OF REGULATORY PERMITS.

SHEET 1

VICINITY MAP

SCALE IN FEET

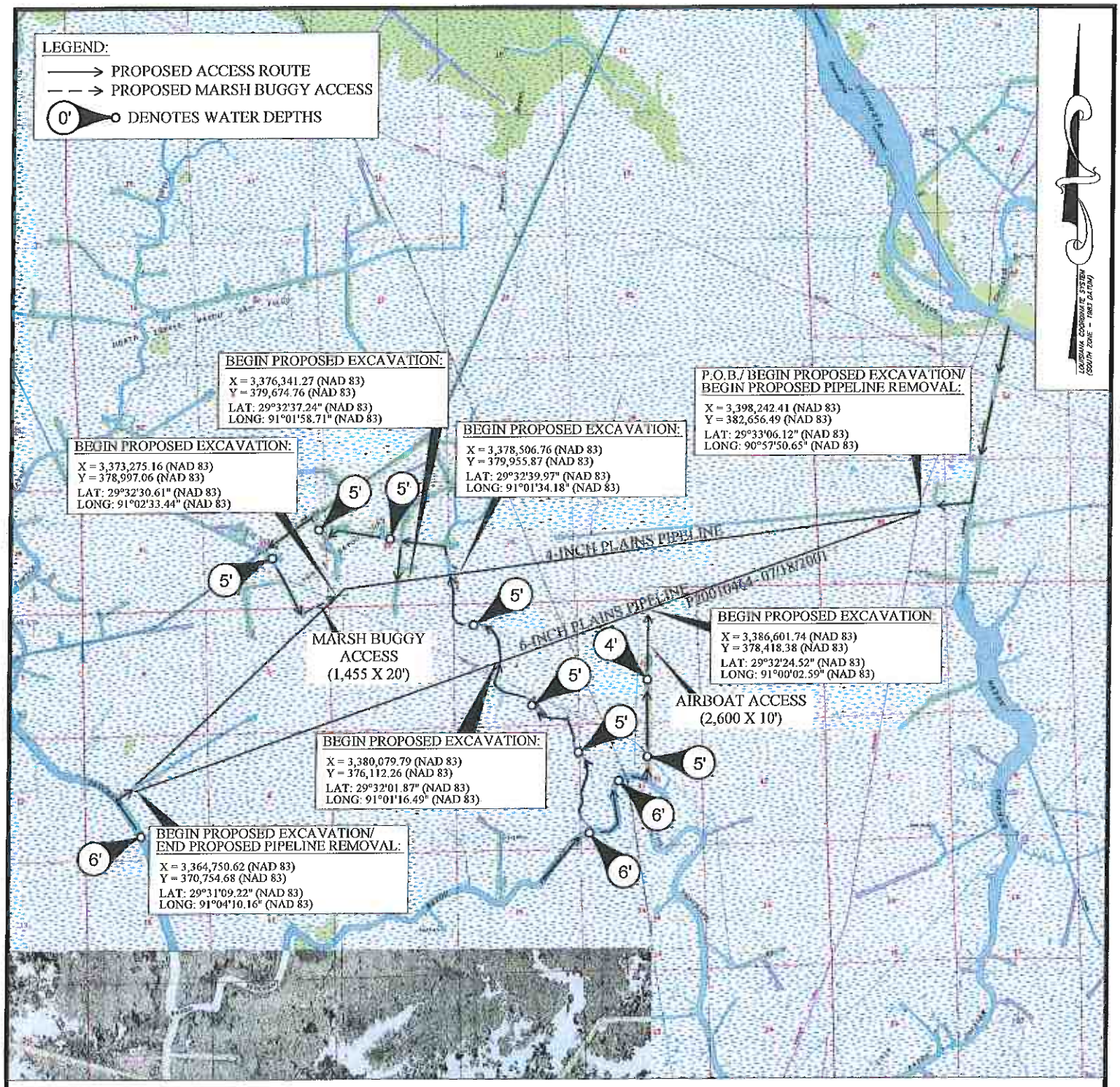
20,000' 10,000' 0 20,000'

PLAINS PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING
4–INCH & 6–INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

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

DRAFTING	ENGINEERING	DATE	SCALE 1" = 20,000'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P–1
DATE 06/25/2012	APP'D.		



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

SHEET 2

ACCESS MAP

SCALE IN FEET

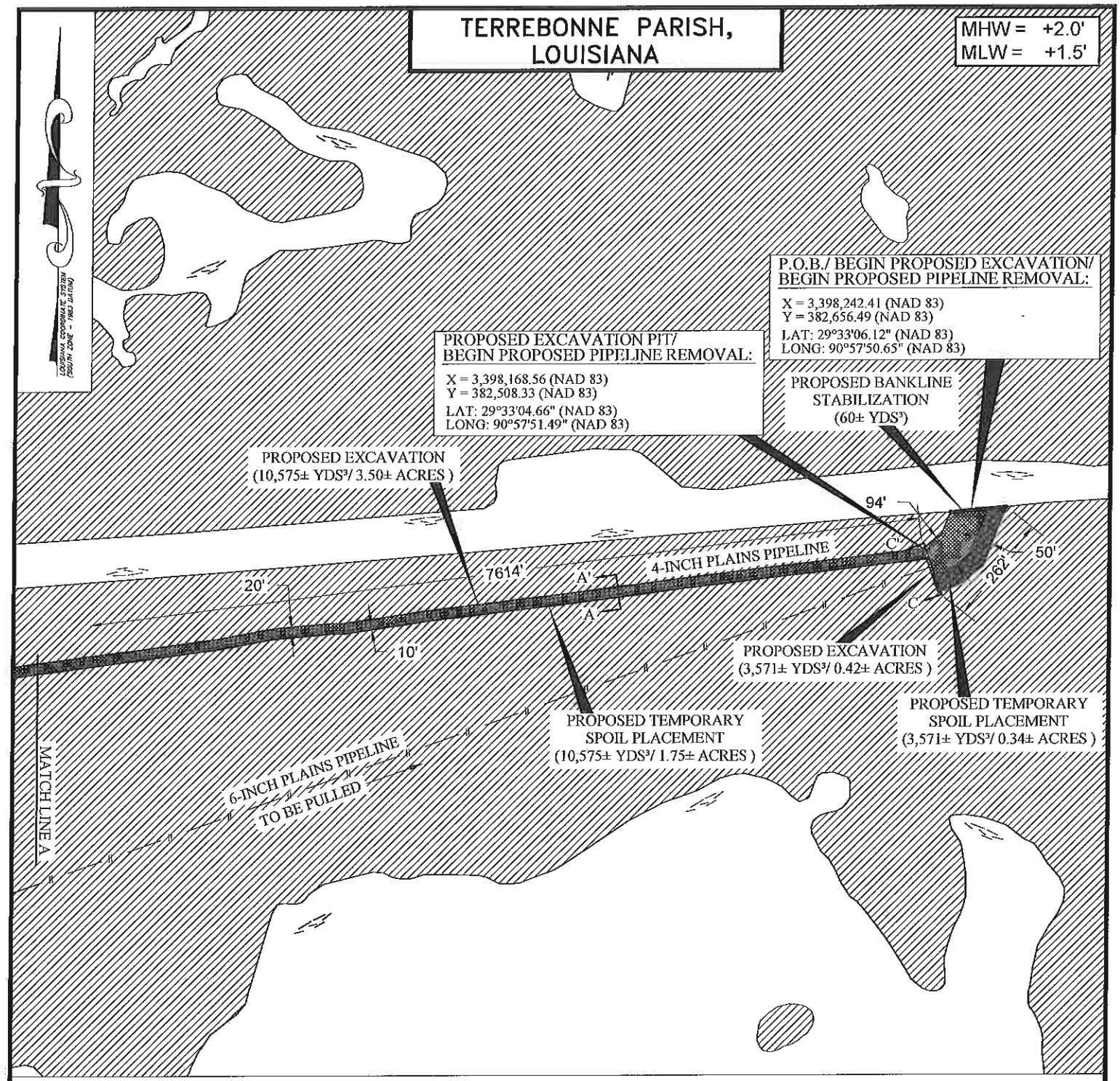
6,000' 3,000' 0 6,000'

PLAINS
PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING
4-INCH & 6-INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
01	WATER DEPTHS & AIRBOAT ACCESS.	SPM		07/12	

DRAFTING	ENGINEERING	DATE	SCALE 1" = 6,000'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P-1
DATE 06/25/2012	APP'D.		



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

SHEET 3

PLAN VIEW

SCALE IN FEET

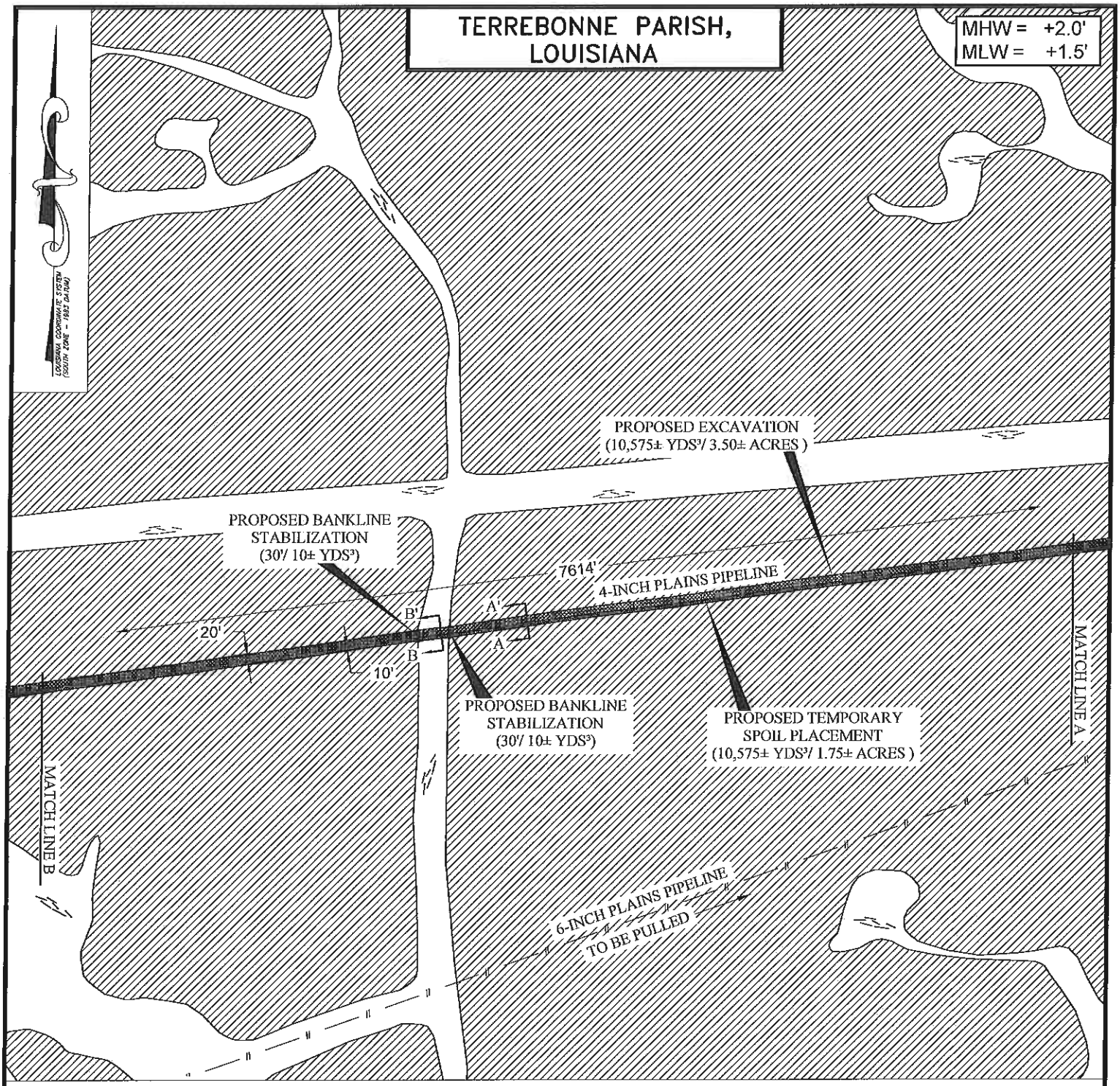
400' 200' 0 400'

PLAINS PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING
4-INCH & 6-INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

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

DRAFTING	ENGINEERING	DATE	SCALE 1" = 400'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P-2
DATE 06/25/2012	APP'D.		



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

SHEET 4

PLAN VIEW

SCALE IN FEET

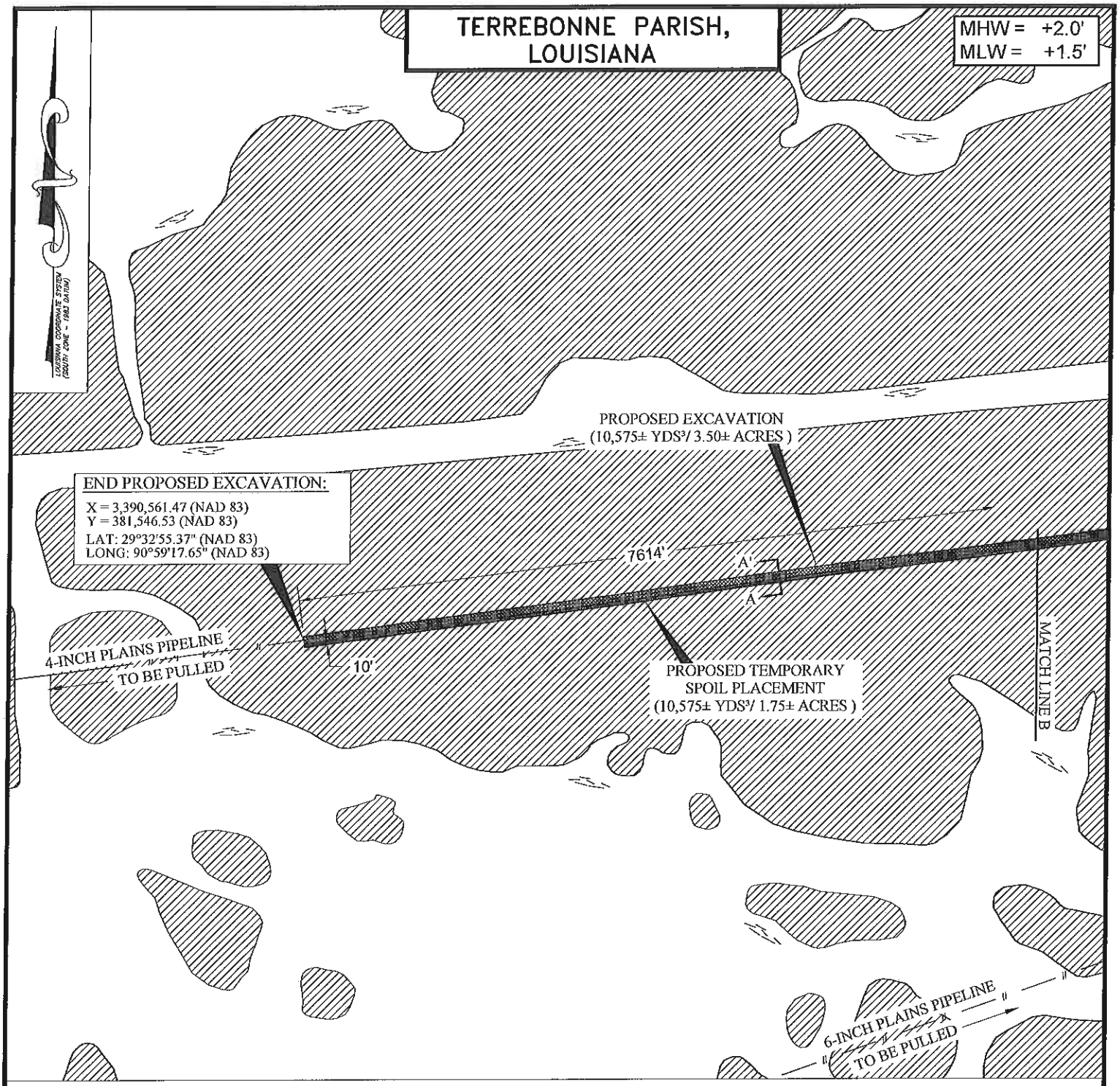
400' 200' 0 400'

PLAINS PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING 4-INCH & 6-INCH PLAINS PIPELINES TERREBONNE PARISH, LOUISIANA

REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
01	BANKLINE STABILIZATION DIMENSIONS.	SPM		07/12	

DRAFTING	ENGINEERING	DATE	SCALE 1" = 400'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P-2
DATE 06/25/2012	APP'D.		



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

SHEET 5

PLAN VIEW

SCALE IN FEET

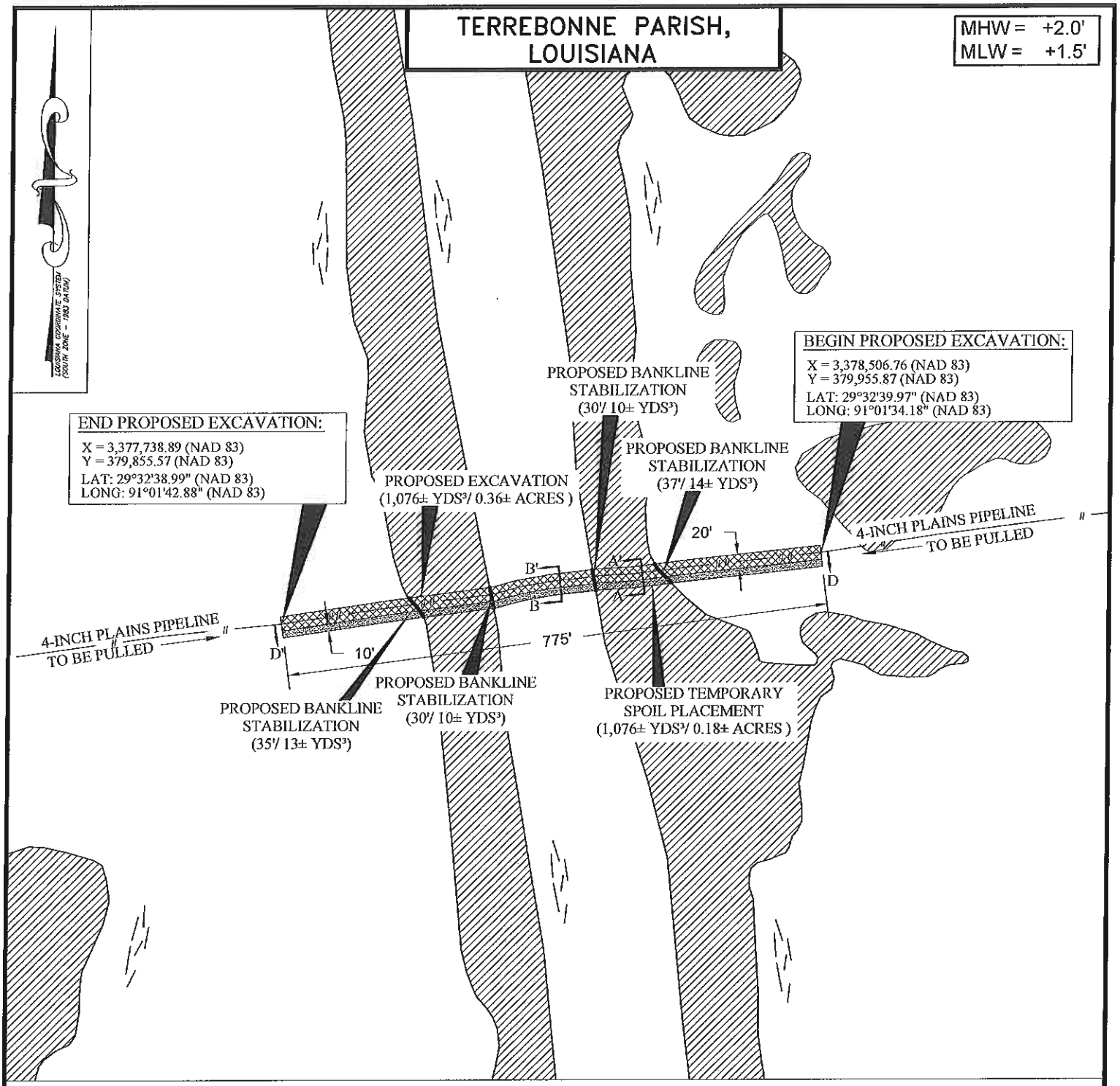
400' 200' 0 400'

PLAINS PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING
4–INCH & 6–INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

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

DRAFTING	ENGINEERING	DATE	SCALE 1" = 400'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P–2
DATE 06/25/2012	APP'D.		



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

SHEET 6

PLAN VIEW

SCALE IN FEET

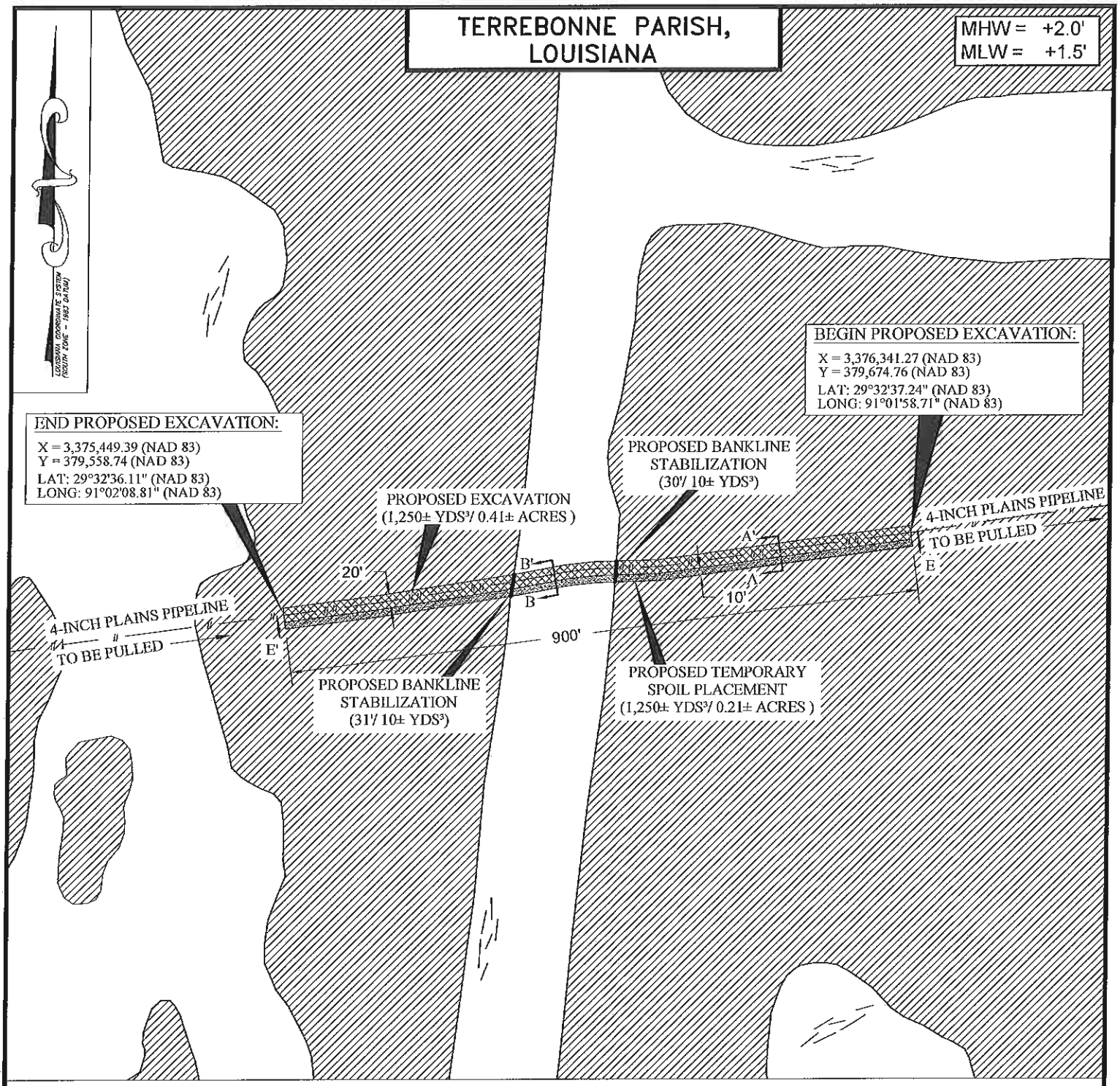
200' 100' 0 200'

PLAINS PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING
4–INCH & 6–INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
01	BANKLINE STABILIZATION DIMENSIONS.	SPM		07/12	

DRAFTING	ENGINEERING	DATE	SCALE 1" = 200'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P–2
DATE 06/25/2012	APP'D.		



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

SHEET 7

PLAN VIEW

SCALE IN FEET

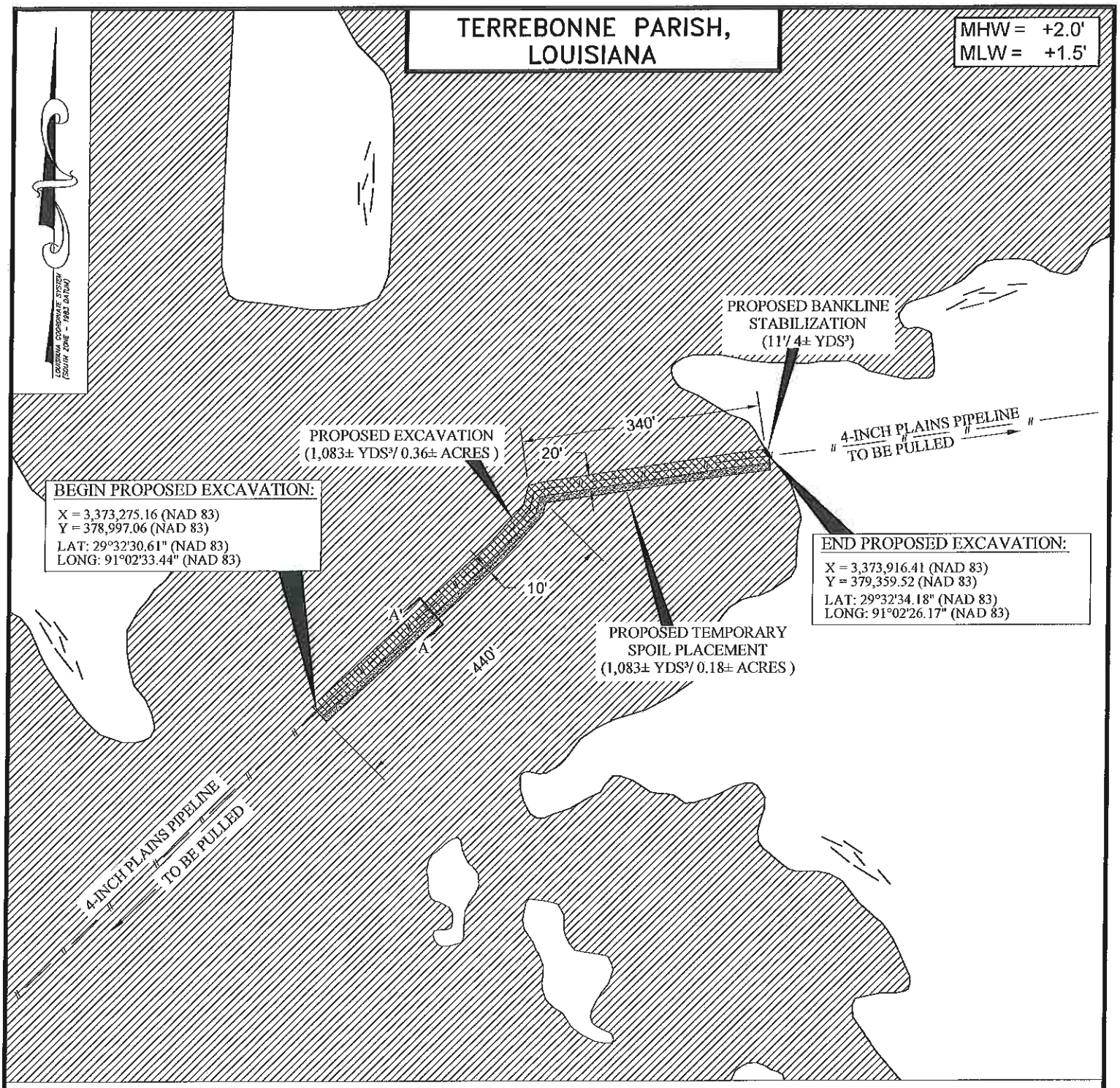
200' 100' 0 200'

PLAINS PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING
4–INCH & 6–INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
01	BANKLINE STABILIZATION DIMENSIONS.	SPM		07/12	

DRAFTING	ENGINEERING	DATE	SCALE 1" = 200'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P–2
DATE 06/25/2012	APP'D.		



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

SHEET 8

PLAN VIEW

SCALE IN FEET

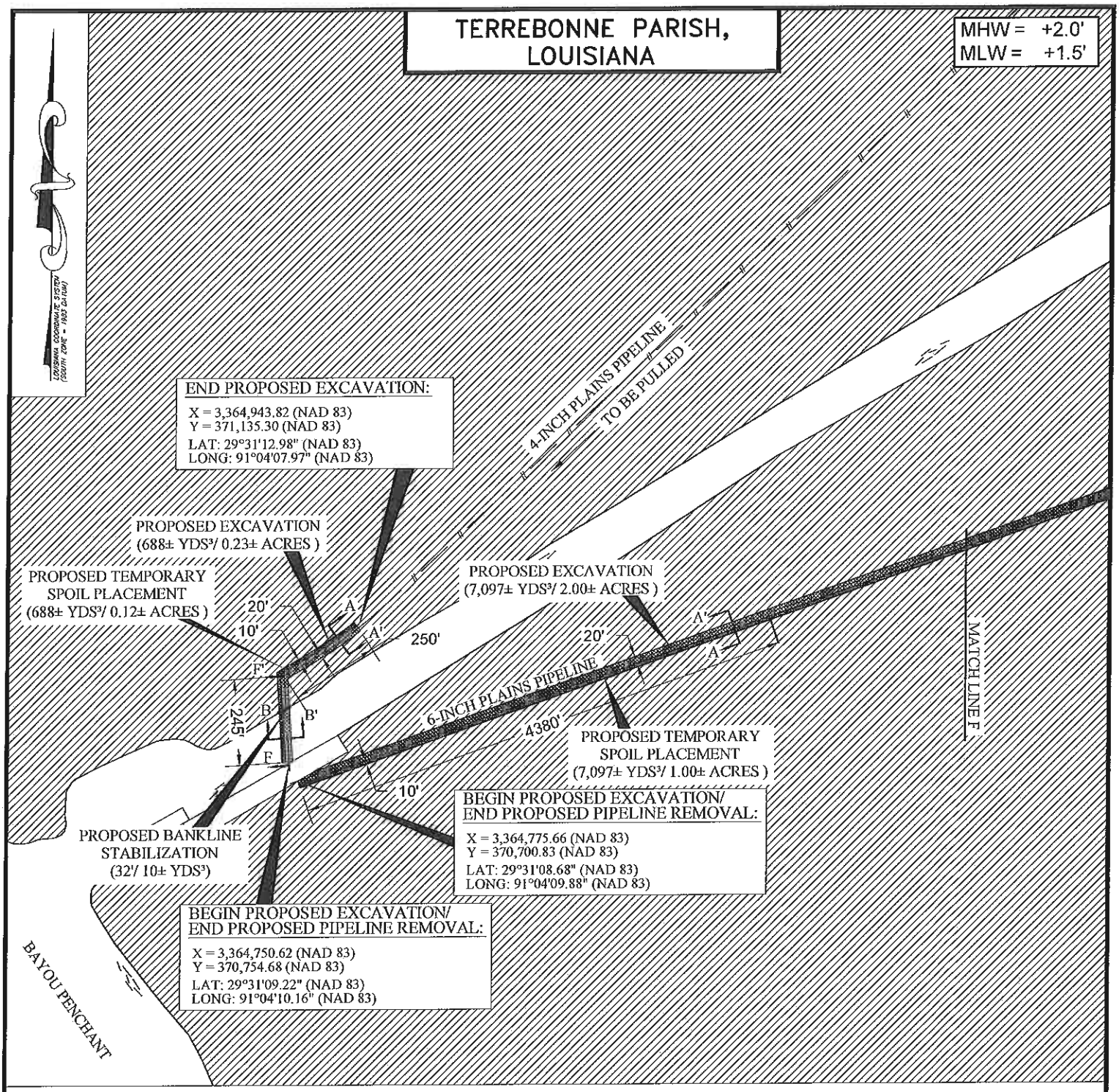
200' 100' 0 200'

PLAINS PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING
4–INCH & 6–INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
01	BANKLINE STABILIZATION DIMENSIONS.	SPM		07/12	

DRAFTING	ENGINEERING	DATE	SCALE 1" = 200'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P–2
DATE 06/25/2012	APP'D.		



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

SHEET 9

PLAN VIEW

SCALE IN FEET

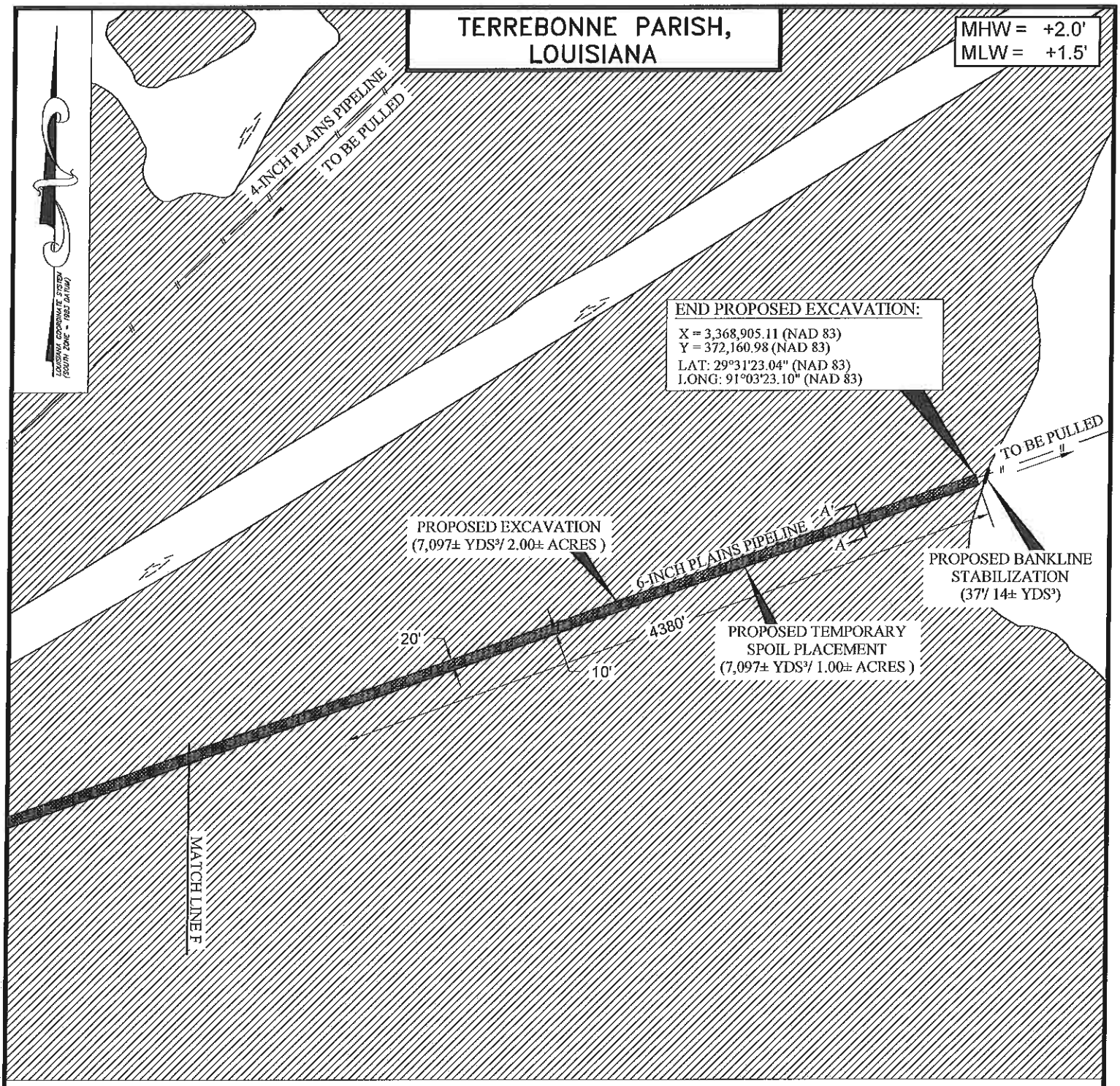
400' 200' 0 400'

PLAINS PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING
4-INCH & 6-INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
01	BANKLINE STABILIZATION DIMENSIONS.	SPM		07/12	

DRAFTING	ENGINEERING	DATE	SCALE 1" = 400'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P-2
DATE 06/25/2012	APP'D.		



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

SHEET 10

PLAN VIEW

SCALE IN FEET

400' 200' 0 400'

PLAINS PIPELINE, L.P.

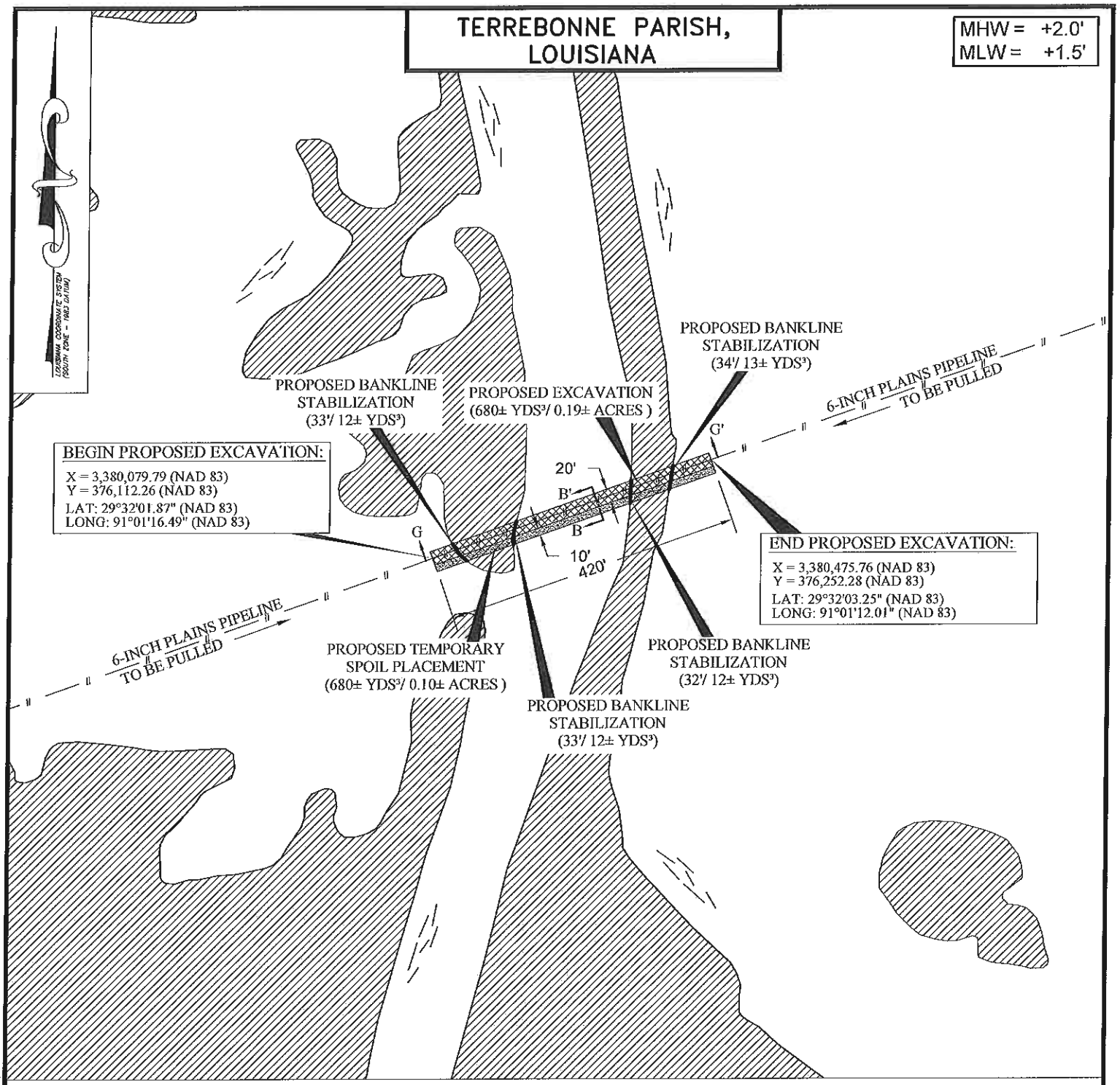
PROPOSED REMOVAL OF EXISTING
4–INCH & 6–INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
01	BANKLINE STABILIZATION DIMENSIONS.	SPM		07/12	

DRAFTING	ENGINEERING	DATE	SCALE 1" = 400'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P–2
DATE 06/25/2012	APP'D.		

TERREBONNE PARISH, LOUISIANA

MHW = +2.0'
MLW = +1.5'



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

SHEET 11

PLAN VIEW

SCALE IN FEET

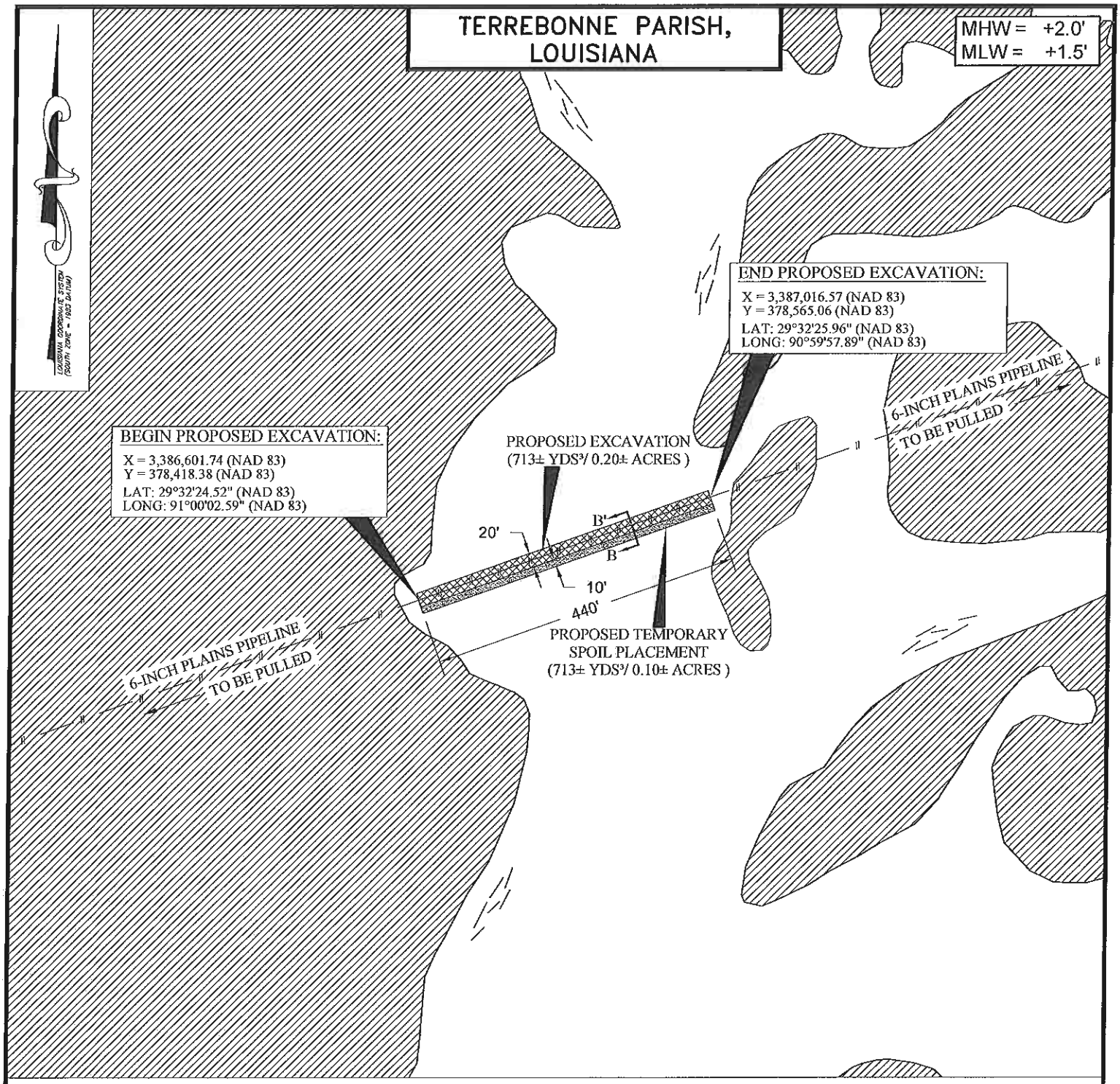
200' 100' 0 200'

PLAINS PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING 4–INCH & 6–INCH PLAINS PIPELINES TERREBONNE PARISH, LOUISIANA

REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
01	BANKLINE STABILIZATION DIMENSIONS.	SPM		07/12	

DRAFTING	ENGINEERING	DATE	SCALE 1" = 200'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P–2
DATE 06/25/2012	APP'D.		



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

SHEET 12

PLAN VIEW

SCALE IN FEET

200' 100' 0 200'

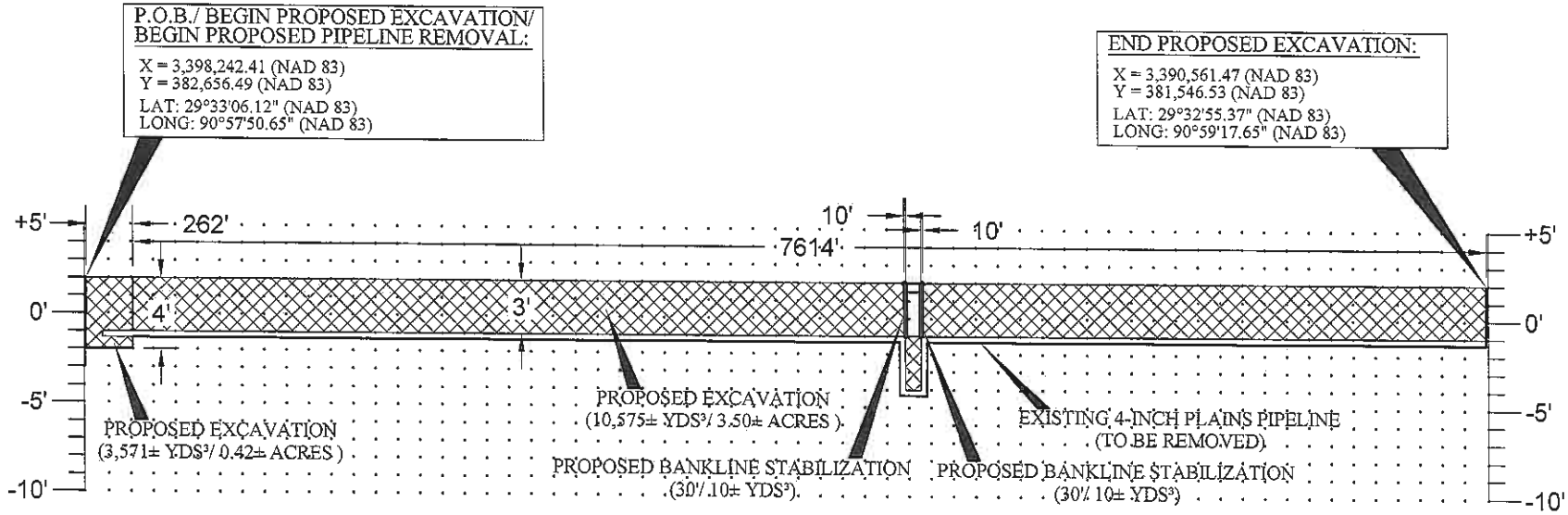
PLAINS PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING
4–INCH & 6–INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

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

DRAFTING	ENGINEERING	DATE	SCALE 1" = 200'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P–2
DATE 06/25/2012	APP'D.		

MHW = +2.0'
MLW = +1.5'



4-INCH PIPELINE PROFILE

LOOKING SOUTH EASTERLY

SHEET 13

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

PLAINS PIPELINE, L.P.

PROFILE VIEW

HORIZONTAL SCALE IN FEET

1,000' 500' 0 1,000'

VERTICAL SCALE IN FEET

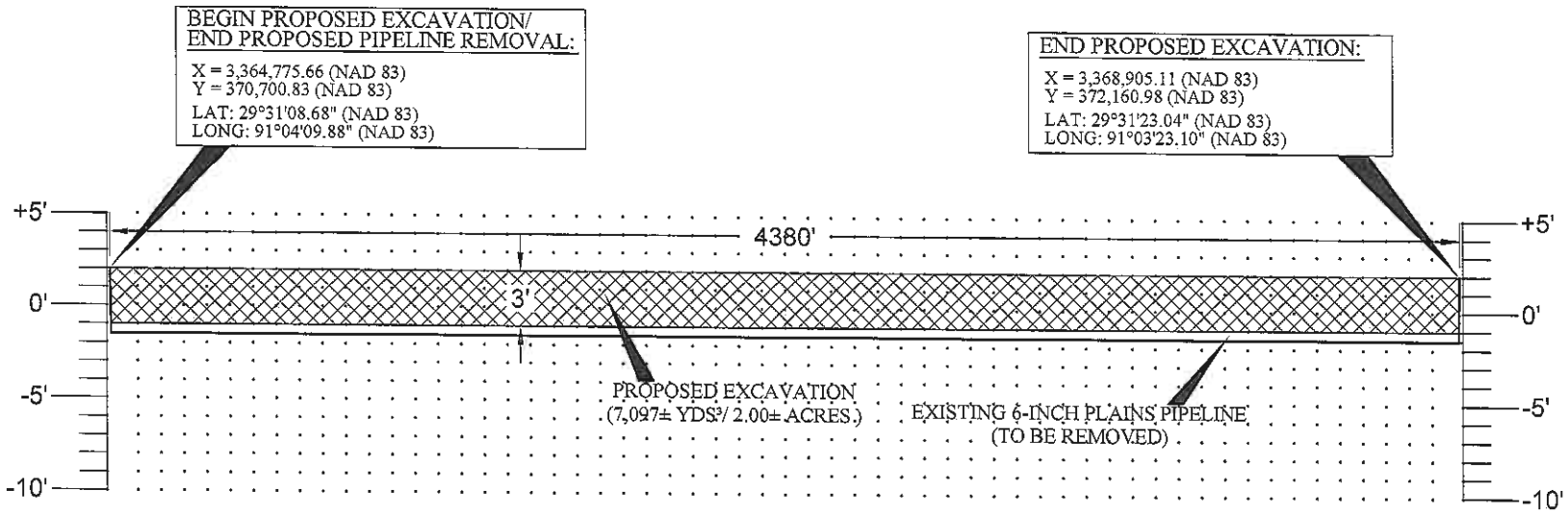
10' 5' 0 10'

PROPOSED REMOVAL OF EXISTING
4-INCH & 6-INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

DRAFTING	ENGINEERING	DATE	SCALE AS SHOWN
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P-3
DATE 06/25/2012	APP'D.		

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

MHW = +2.0'
MLW = +1.5'



6-INCH PIPELINE PROFILE

LOOKING NORTH WESTERLY

SHEET 14

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

PLAINS PIPELINE, L.P.

PROFILE VIEW

HORIZONTAL SCALE IN FEET

600' 300' 0 600'

VERTICAL SCALE IN FEET

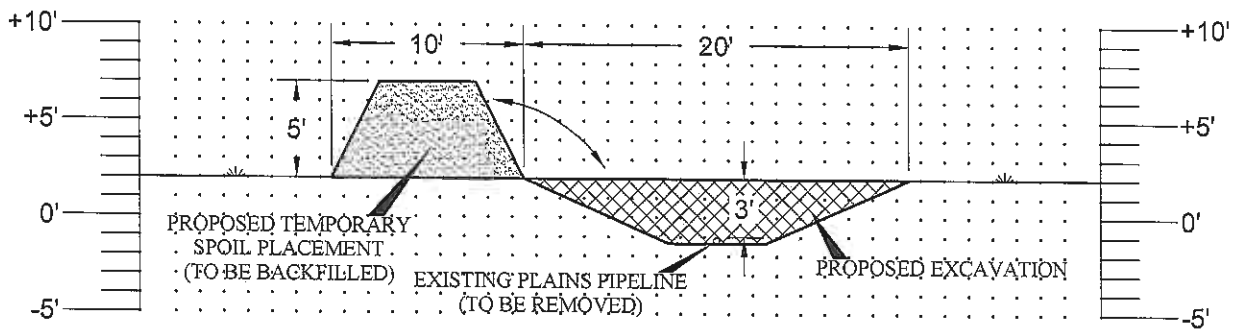
10' 5' 0 10'

PROPOSED REMOVAL OF EXISTING
4-INCH & 6-INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

DRAFTING		ENGINEERING		DATE	SCALE AS SHOWN
DWG.	SPM	ENGR.			DWG. NO.
CH.	KJK	CH.			12.0589P-3
DATE	06/25/2012	APP'D.			

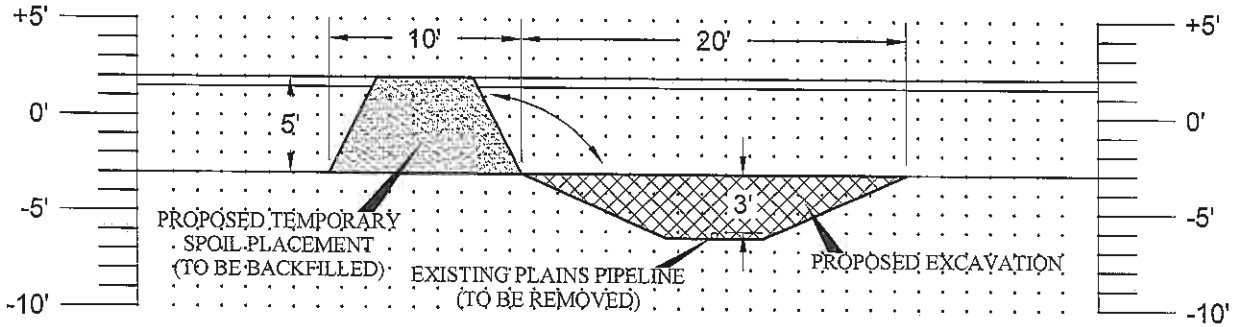
REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.

MHW = +2.0'
MLW = +1.5'



CROSS-SECTION A-A'

TYPICAL SECTION



CROSS-SECTION B-B'

TYPICAL SECTION

SHEET 15

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

PLAINS PIPELINE, L.P.

PROFILE VIEW

SCALE IN FEET

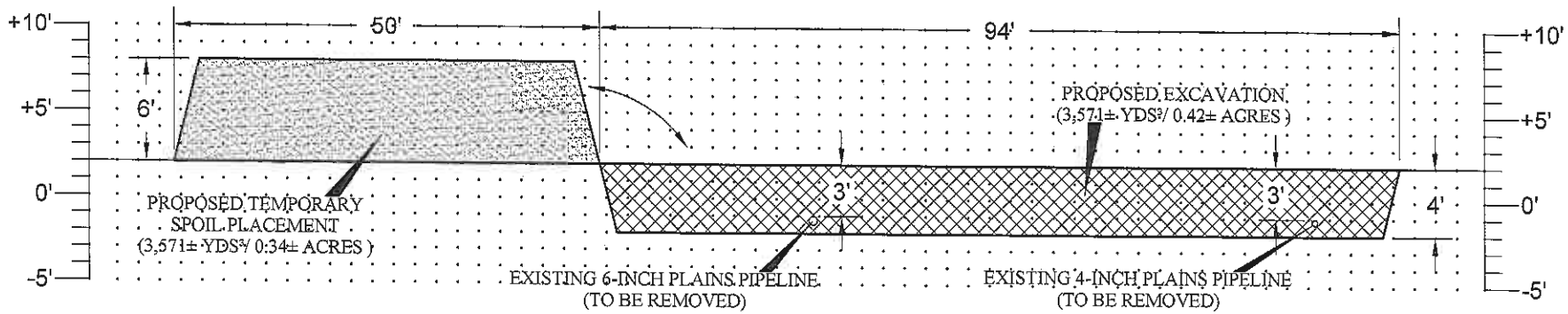
10' 5' 0 10'

PROPOSED REMOVAL OF EXISTING
4-INCH & 6-INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

DRAFTING	ENGINEERING	DATE	SCALE AS SHOWN
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P-3
DATE 06/25/2012	APP'D.		

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

MHW = +2.0'
MLW = +1.5'



CROSS-SECTION C-C'

LOOKING SOUTH WESTERLY

SHEET 16

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

PLAINS PIPELINE, L.P.

PROFILE VIEW

HORIZONTAL SCALE IN FEET

20' 10' 0 20'

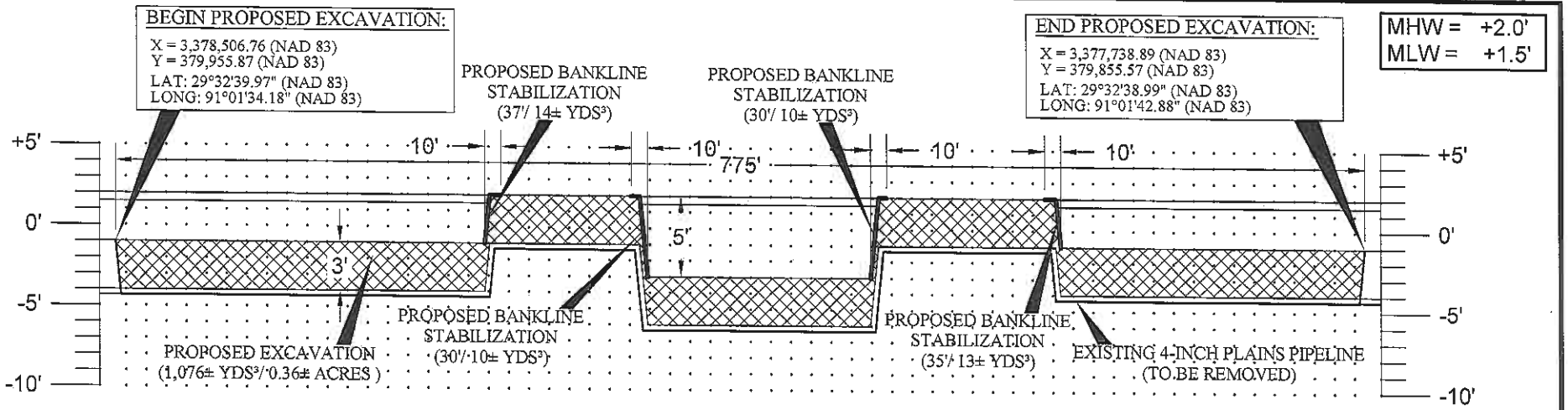
VERTICAL SCALE IN FEET

10' 5' 0 10'

PROPOSED REMOVAL OF EXISTING
4-INCH & 6-INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

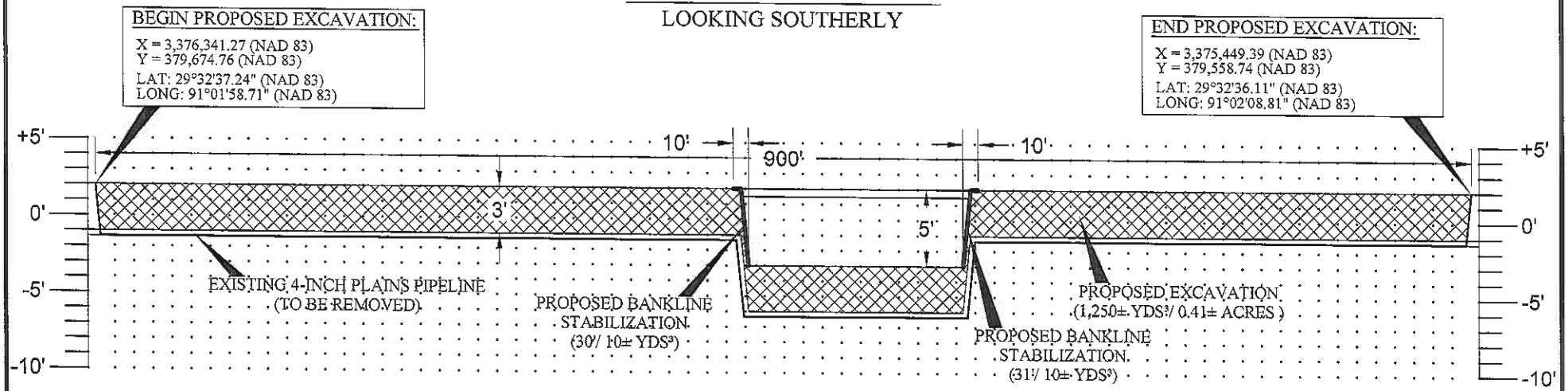
DRAFTING	ENGINEERING	DATE	SCALE AS SHOWN
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P-3
DATE 06/25/2012	APP'D.		

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



CROSS-SECTION D-D'

LOOKING SOUTHERLY



CROSS-SECTION E-E'

LOOKING SOUTHERLY

SHEET 17

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

PLAINS PIPELINE, L.P.

PROFILE VIEW

HORIZONTAL SCALE IN FEET

100' 50' 0 100'

VERTICAL SCALE IN FEET

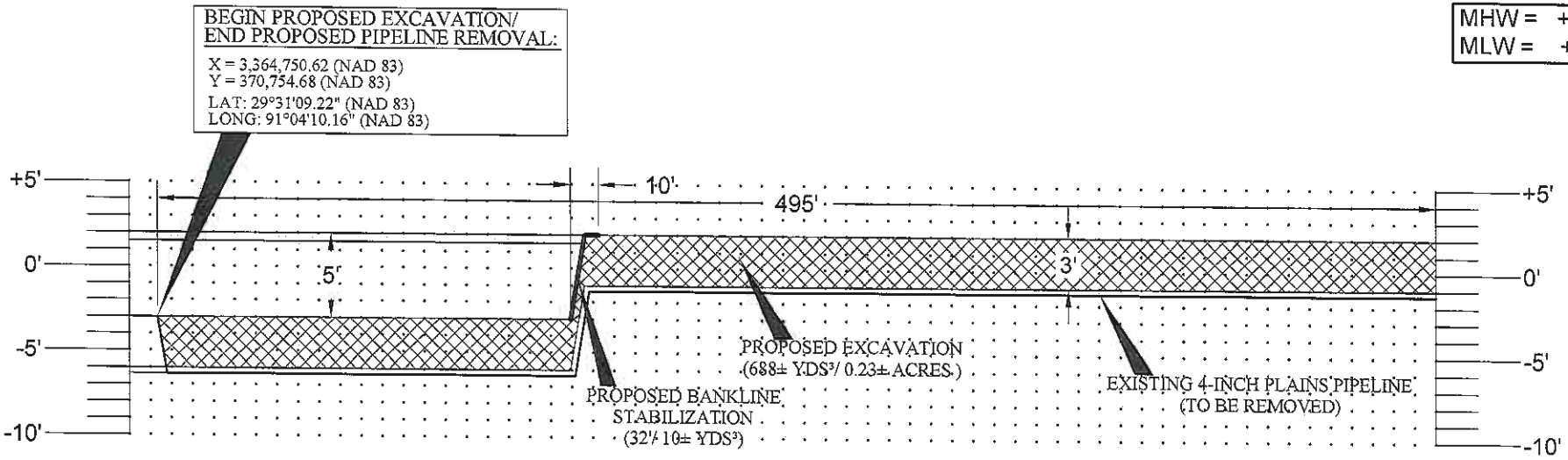
10' 5' 0 10'

PROPOSED REMOVAL OF EXISTING 4–INCH & 6–INCH PLAINS PIPELINES TERREBONNE PARISH, LOUISIANA

DRAFTING	ENGINEERING	DATE	SCALE AS SHOWN
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P–3
DATE 06/25/2012	APP'D.		

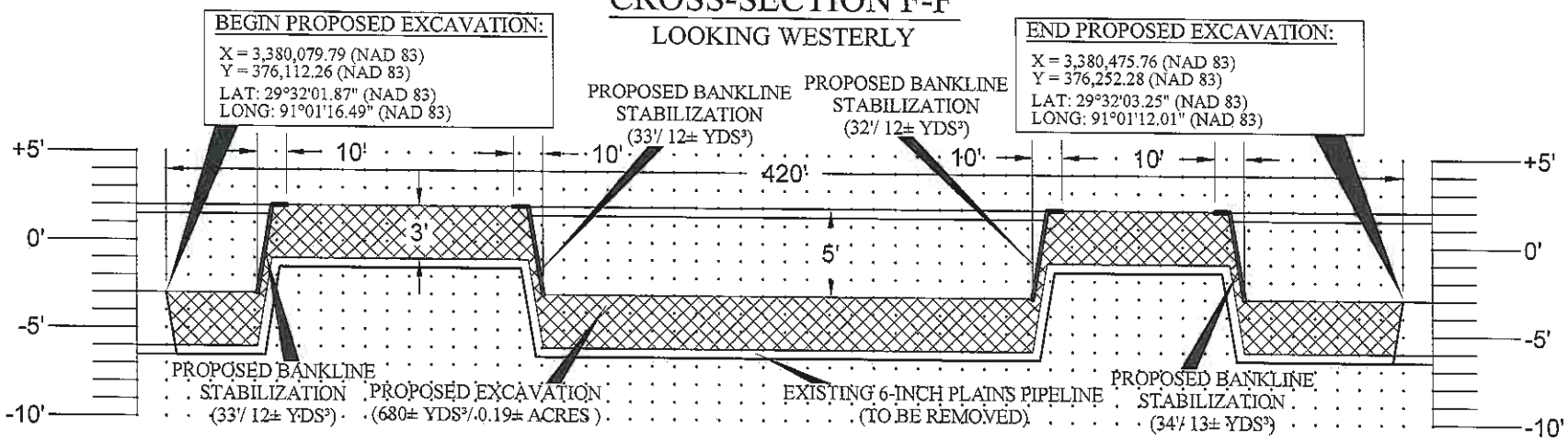
REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.

MHW = +2.0'
MLW = +1.5'



CROSS-SECTION F-F'

LOOKING WESTERLY



CROSS-SECTION G-G'

LOOKING NORTH WESTERLY

SHEET 18

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

PLAINS PIPELINE, L.P.

PROFILE VIEW

HORIZONTAL SCALE IN FEET

60' 30' 0 60'

VERTICAL SCALE IN FEET

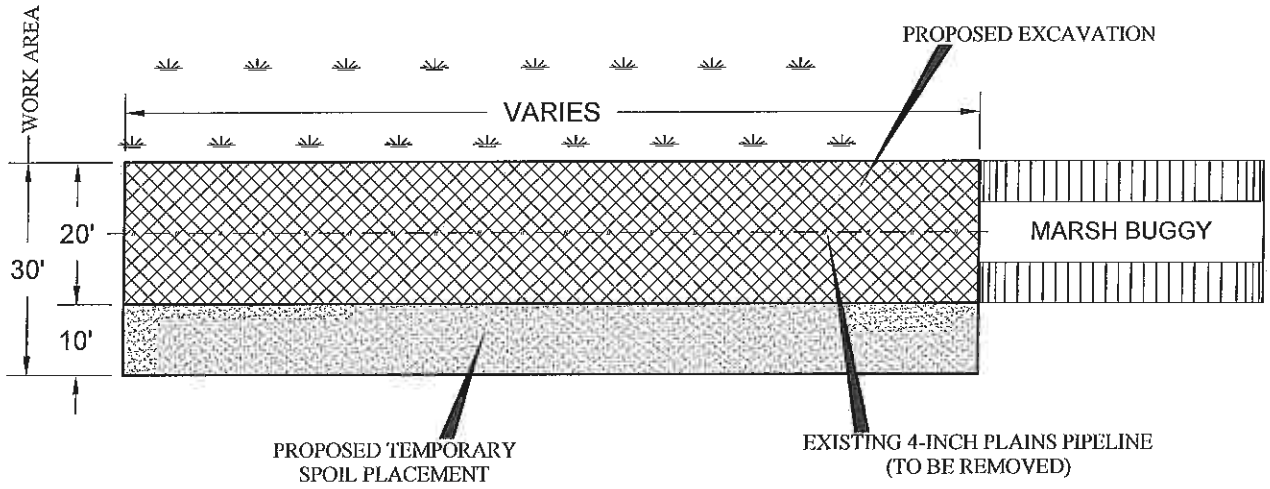
10' 5' 0 10'

PROPOSED REMOVAL OF EXISTING
4-INCH & 6-INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

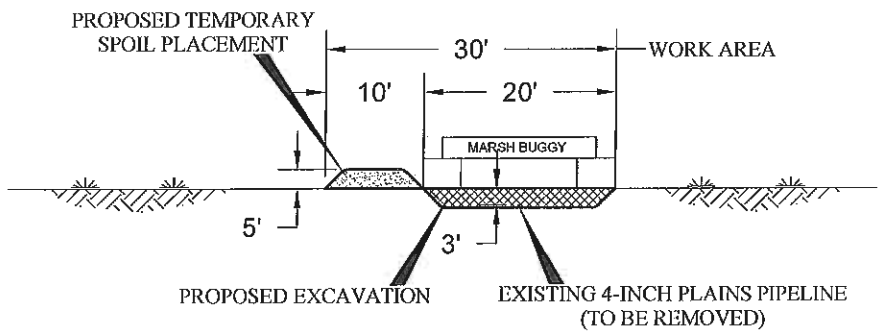
DRAFTING	ENGINEERING	DATE	SCALE AS SHOWN
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P-3
DATE 06/25/2012	APP'D.		

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

MHW = +2.0'
MLW = +1.5'



PLAN VIEW



TYPICAL LOWERING WITH MARSH BUGGY - IN MARSH

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

SHEET 19

DETAIL

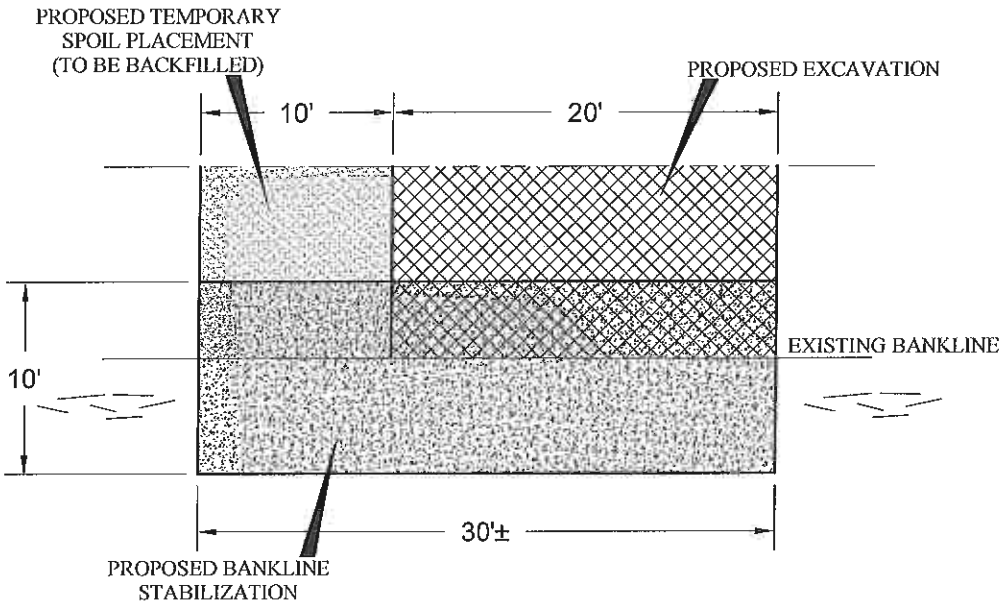
PLAINS
PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING
4–INCH & 6–INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

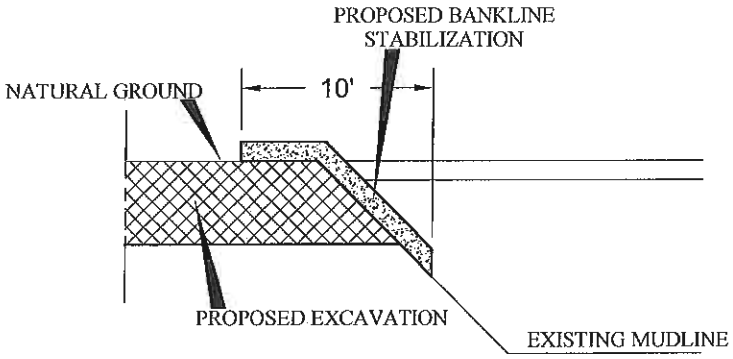
REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
01	WORK AREA.	SPM		07/12	

DRAFTING	ENGINEERING	DATE	SCALE N.T.S.
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P–2
DATE 06/25/2012	APP'D.		

MHW = +2.0'
MLW = +1.5'



BANKLINE STABILIZATION- PLAN VIEW



BANKLINE STABILIZATION- PROFILE VIEW

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

SHEET 20

DETAIL

PLAINS
PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING
4–INCH & 6–INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

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

DRAFTING	ENGINEERING	DATE	SCALE 1" = 10'
DWG. SPM	ENGR.		DWG. NO.
CH. KJK	CH.		12.0589P–2
DATE 06/25/2012	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.

Approximately 36,977-ft of the 4-inch pipeline is to be removed.

Approximately 35,441-ft of the 6-inch pipeline is to be removed.

Marsh buggies will be used to make cuts & pipe will be pulled from water, in the direction shown with equipment staying in water.

Existing pipeline to be pulled is buried approximately 3' below existing natural ground/ mudline.

TOTAL IMPACTS

EXCAVATIONS	
NON-VEGETATED WATER BOTTOMS:	2,492 CU. YDS. 0.77 ACS.
WETLANDS:	24,241 CU. YDS. 6.90 ACS.
FILL AREAS	
NON-VEGETATED WATER BOTTOMS:	2,492 CU. YDS. 0.77 ACS.
WETLANDS:	24,241 CU. YDS. 6.90 ACS.
FILL MATERIALS	
NATIVE MATERIAL:	26,733 CU. YDS.
BANKLINE STABILIZATION (RIPRAP):	224 CU. YDS.

EQUIPMENT

One(1) Crane Barge (130'x34')- Draft 3.5'

Two(2) Material Barges (120'x30')- Draft 3.5'

One(1) Excavation Barge (120'x30')- Draft 3.5'

One(1) 600 H.P. Tug- Draft 5'

One(1) Marsh Buggy

One(1) Airboat

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

SHEET 21

NOTES & EQUIPMENT

PLAINS PIPELINE, L.P.

PROPOSED REMOVAL OF EXISTING
4-INCH & 6-INCH PLAINS PIPELINES
TERREBONNE PARISH, LOUISIANA

REV.	DESCRIPTION	DWN.	ENGR.	DATE	APP'D.
02	NOTES.	SPM		07/12	

DRAFTING	ENGINEERING	DATE	SCALE N.T.S.
DWG. SPM	ENGR.		DWG. NO.
CH. KJB	CH.		12.0589P-2
DATE 06/25/2012	APP'D.		