

BHP BILLITON PETROLEUM (AMERICAS) INC.
NEW IBERIA, LOUISIANA

WEEKS ISLAND STRUCTURE REMOVAL

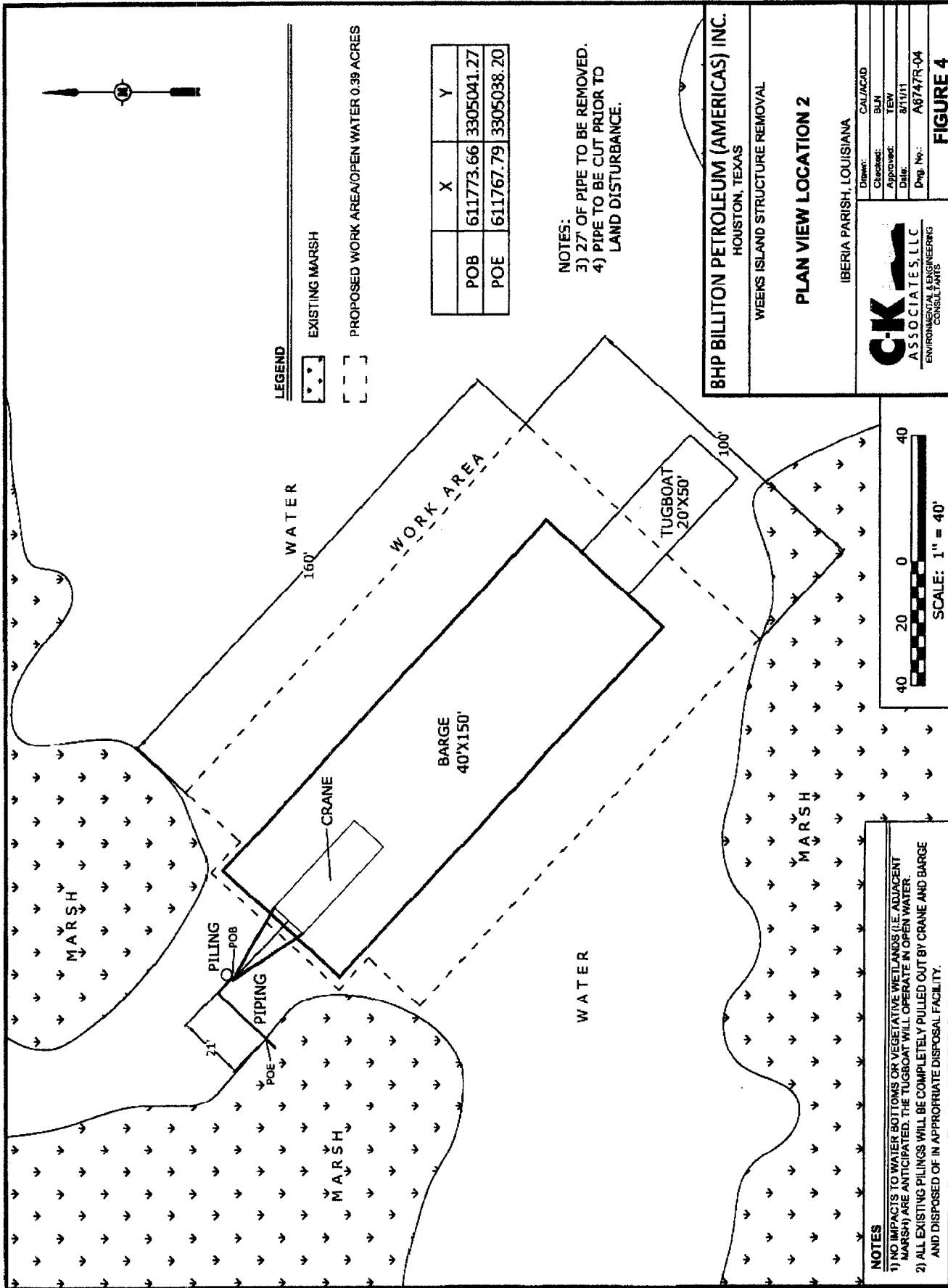
SITE LOCATION MAP

IBERIA PARISH

C-K
ASSOCIATES, LLC
ENVIRONMENTAL & ENGINEERING
CONSULTANTS

Drawn:	CAL/AM9.2
Checked:	RM
Approved:	BM
Date:	7/6/11
Dwg. No.:	A6747R-01

FIGURE 1



LEGEND

- EXISTING MARSH
- PROPOSED WORK AREA/OPEN WATER 0.39 ACRES

	X	Y
POB	611773.66	3305041.27
POE	611767.79	3305038.20

NOTES:

- 3) 27' OF PIPE TO BE REMOVED.
- 4) PIPE TO BE CUT PRIOR TO LAND DISTURBANCE.

BHP BILLITON PETROLEUM (AMERICAS) INC.

HOUSTON, TEXAS

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PLAN VIEW LOCATION 2

IBERIA PARISH, LOUISIANA

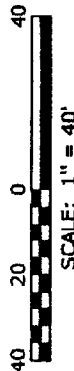


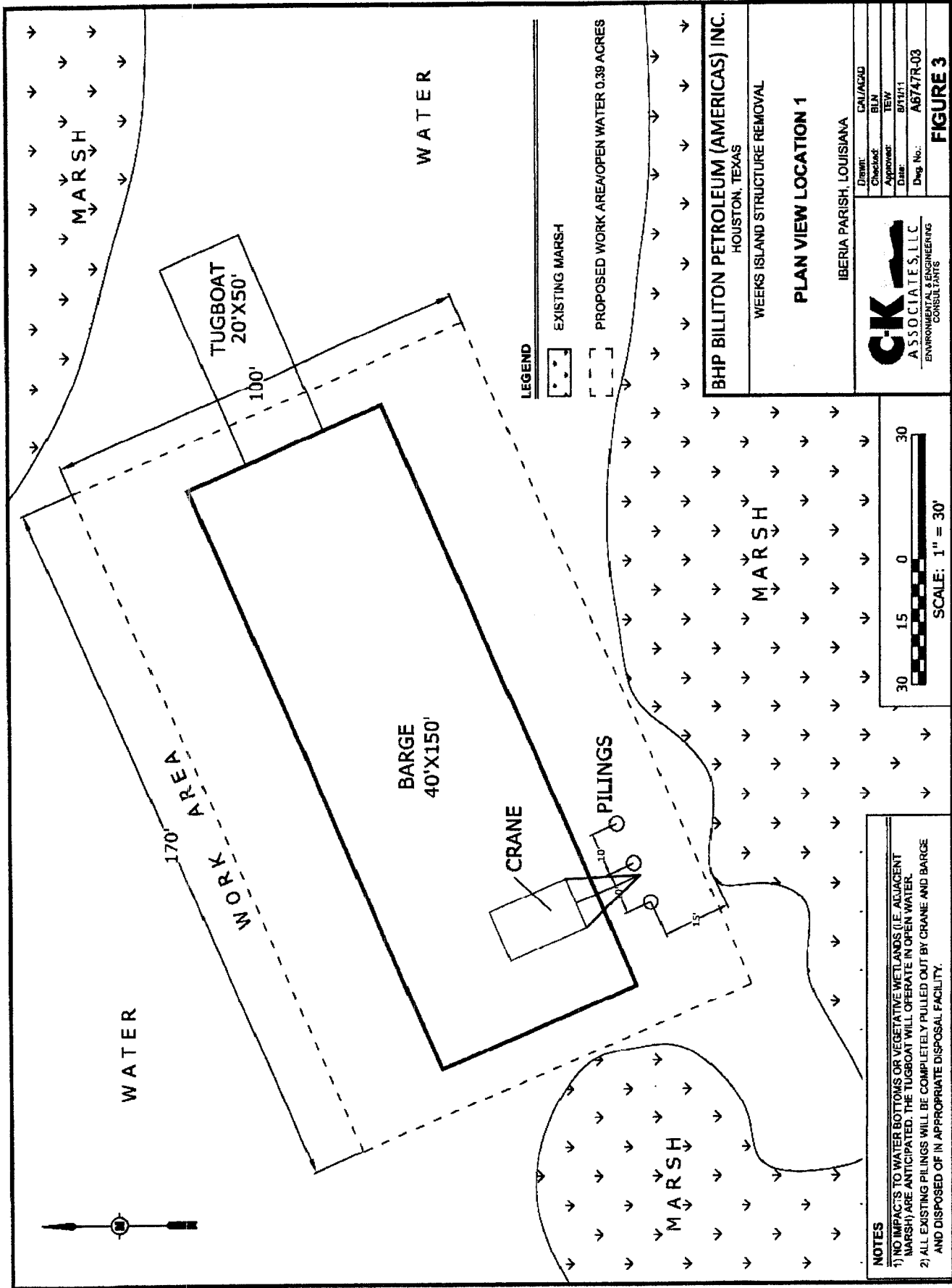
Drawn:	CAJ/ACAD
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Approved:	TEW
Date:	8/1/11
Dwg. No.:	A8747R-04

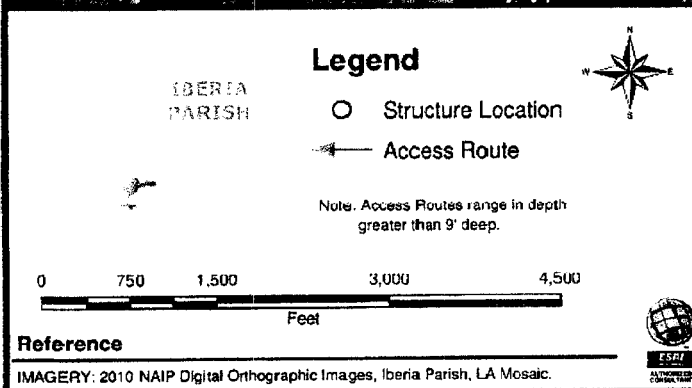
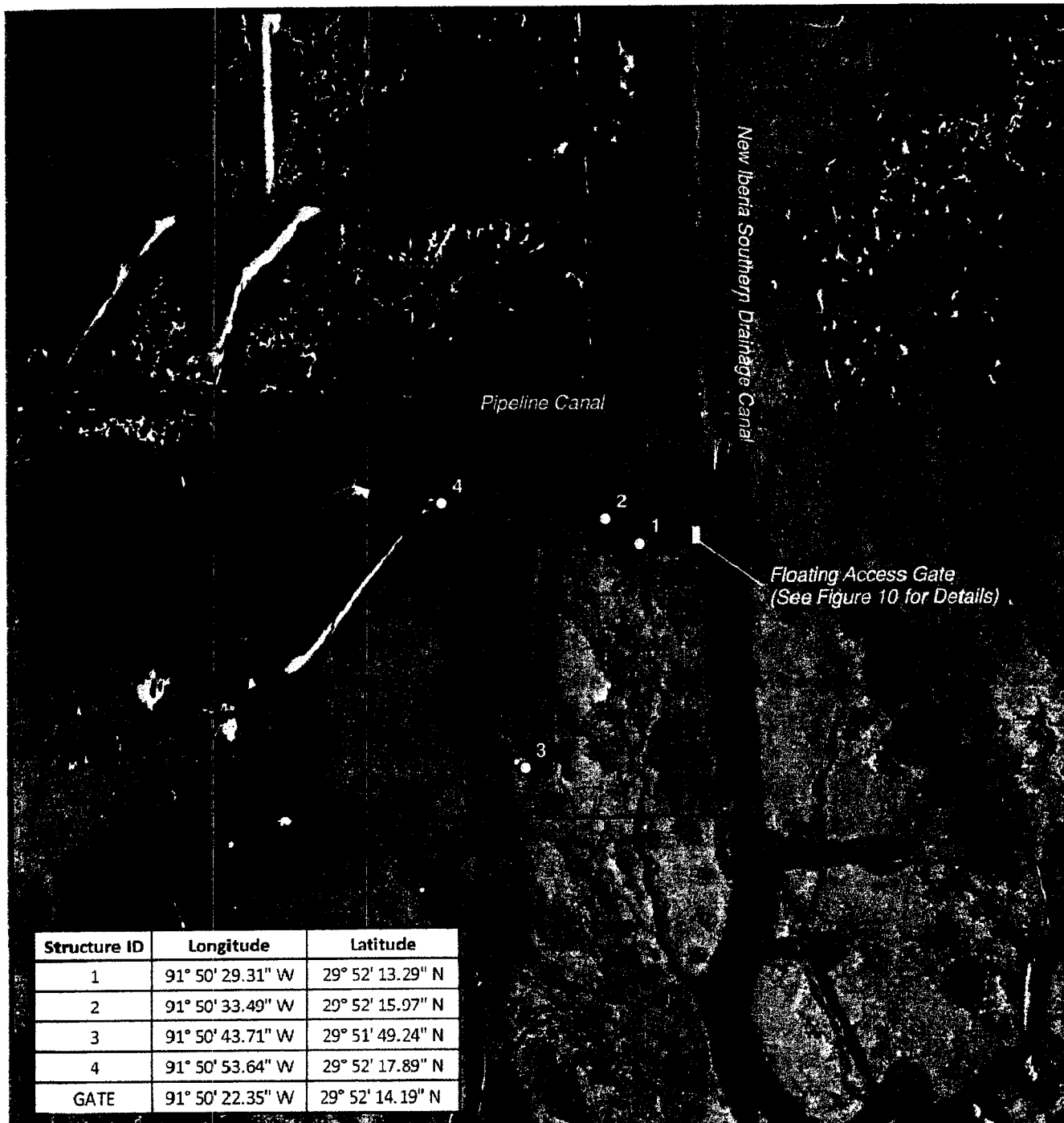
FIGURE 4

NOTES

- 1) NO IMPACTS TO WATER BOTTOMS OR VEGETATIVE WETLANDS (IE ADJACENT MARSH) ARE ANTICIPATED. THE TUGBOAT WILL OPERATE IN OPEN WATER.
- 2) ALL EXISTING PILING WILL BE COMPLETELY PULLED OUT BY CRANE AND BARGE AND DISPOSED OF IN APPROPRIATE DISPOSAL FACILITY.







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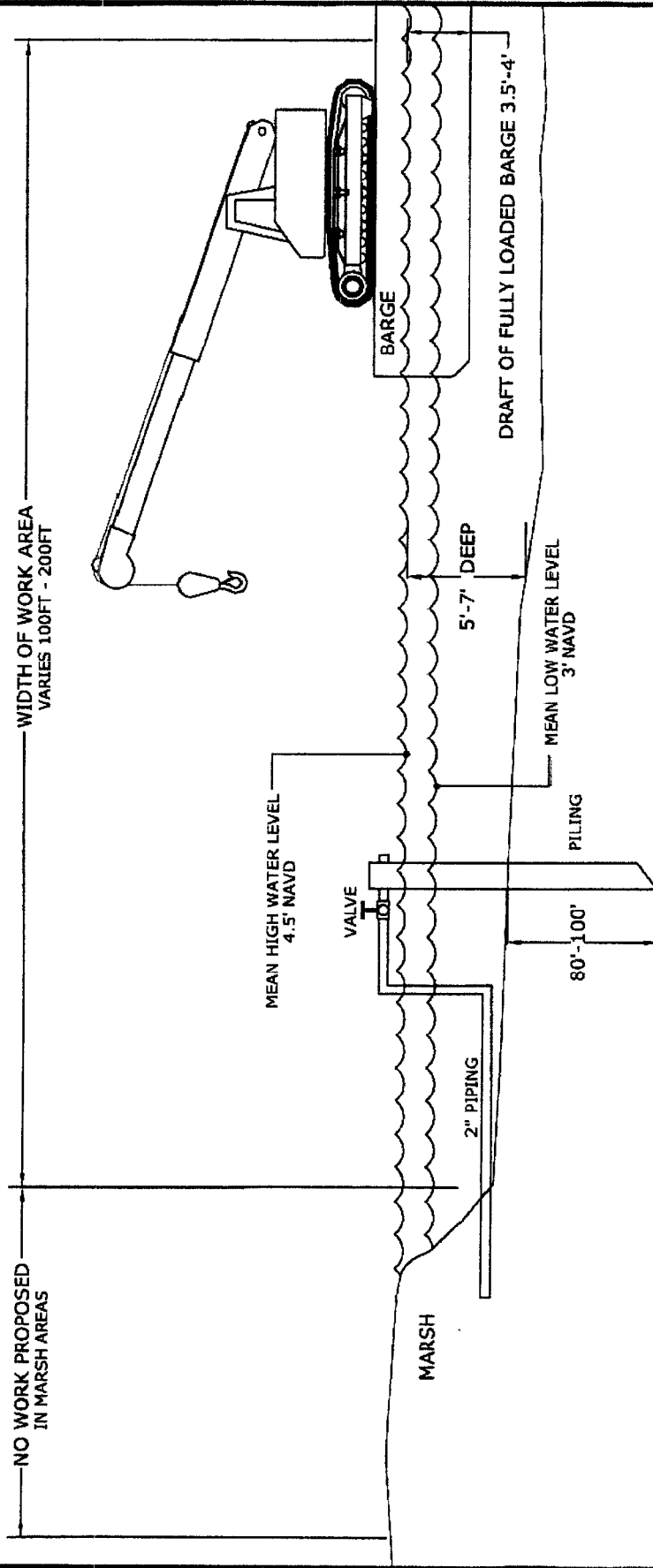
STRUCTURE REMOVAL LOCATIONS

IBERIA PARISH

CK ASSOCIATES, LLC
ENVIRONMENTAL & ENGINEERING CONSULTANTS

Drawn:	CAL/AM9.2
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Date:	7/6/11
Dwg. No.:	A6747R-02

FIGURE 2



TYPICAL STRUCTURE REMOVAL

NOTES

- 1) PIPING, VALVE, AND PILING WILL BE COMPLETELY PULLED OUT AS PART OF THE SITE RESTORATION.
- 2) THE PIPING, VALVE, AND PILING WILL BE TRANSPORTED BY BARGE TO AN APPROPRIATE DISPOSAL AREA.
- 3) NO IMPACTS TO WATER BOTTOMS OR VEGETATIVE WETLANDS (I.E. ADJACENT MARSH) ARE ANTICIPATED. THE TUGBOAT WILL OPERATE IN OPEN WATER.
- 4) SHALLOW DRAFT BARGES (3.5' - 4') WILL BE UTILIZED TO AVOID CONTACT WITH WATER BOTTOM.
- 5) OPERATIONS WILL OCCUR DURING TIMES WHEN WATER DEPTHS ARE SUFFICIENT TO SUPPORT WORK WITHOUT CONTACTING THE WATER BOTTOM.
- 6) SHALLOW DRAFT TUGS WITH A DRAFT OF 4.5FT WILL BE UTILIZED IN DEEPER WATER LEVELS TO TRANSPORT BARGES TO THE SITE.
- 7) WATER DEPTHS DEPICTED ARE MEAN LOW AND MEAN HIGH WATER LEVELS.

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HOUSTON, TEXAS

WEEKS ISLAND STRUCTURE REMOVAL

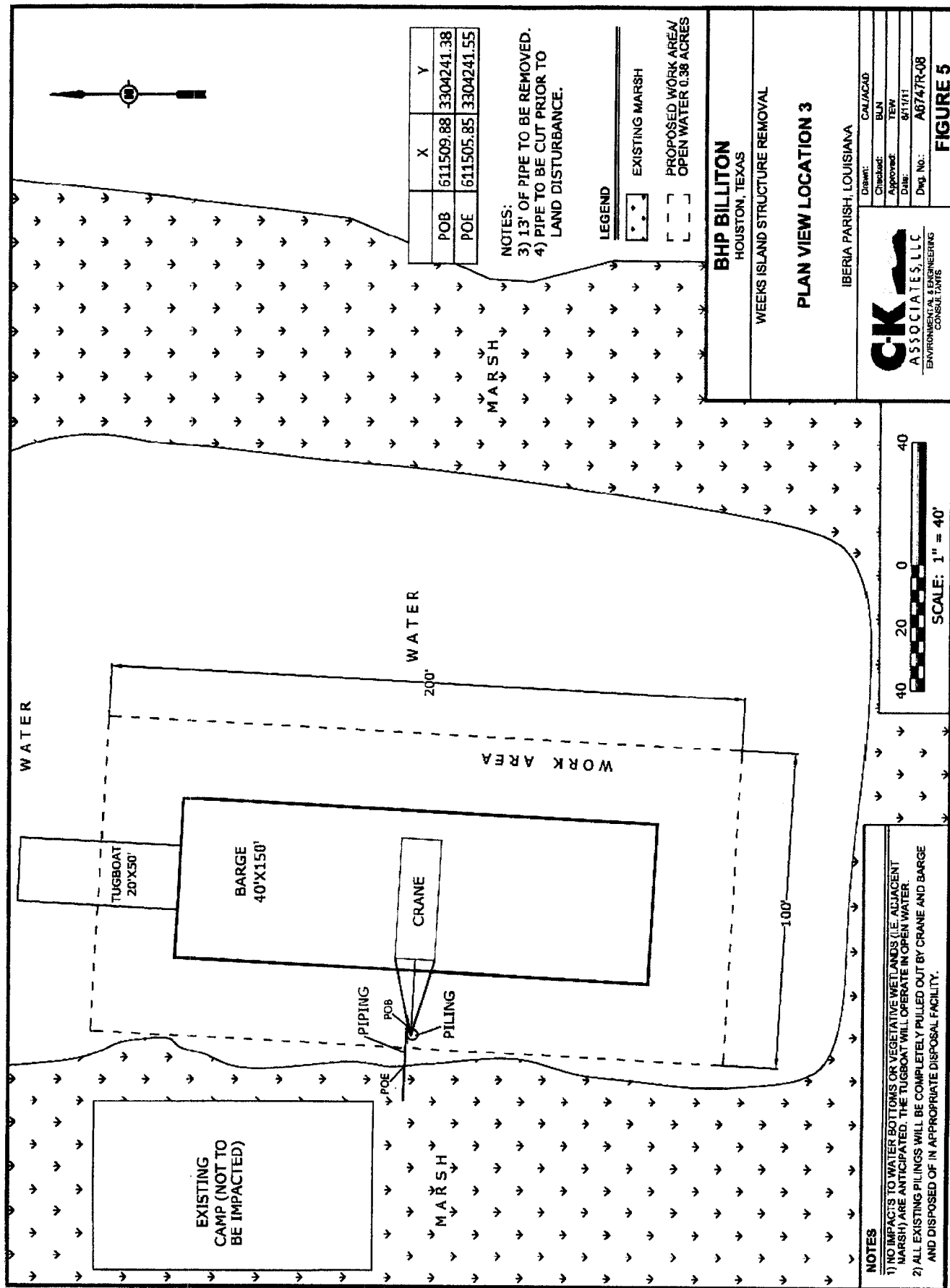
LOCATIONS 2 AND 3

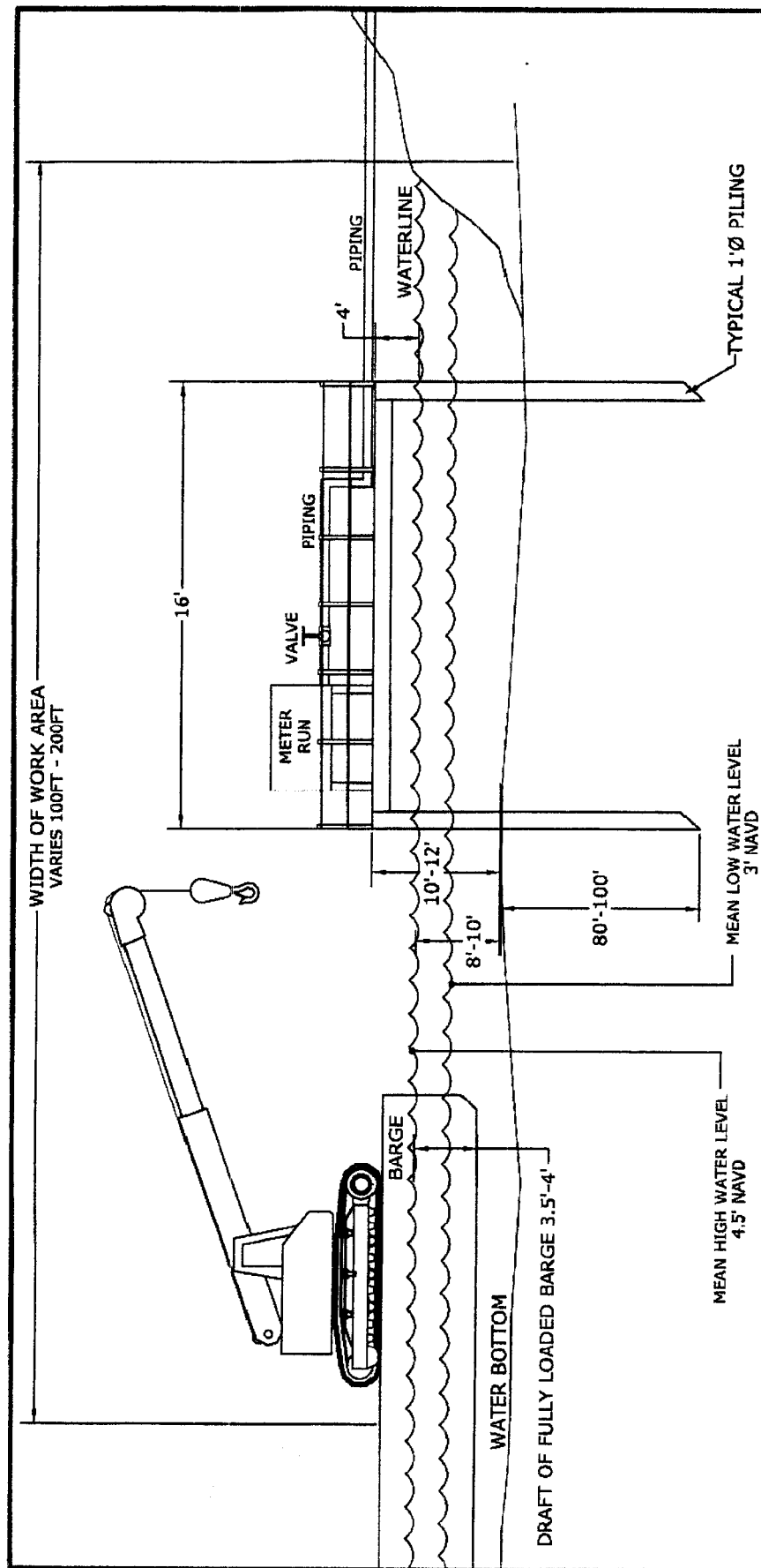
IBERIA PARISH, LOUISIANA

Drawn:	CALJACAD
Checked:	BLN
Approved:	TEW
Date:	8/4/11
Doc. No.:	A6747R-05

CK ASSOCIATES, LLC
ENVIRONMENTAL ENGINEERING
CONSULTANTS

FIGURE 8





TYPICAL METER PAD REMOVAL

NOT TO SCALE

NOTES

- 1) NO IMPACTS TO WATER BOTTOMS OR VEGETATIVE WETLANDS (I.E. ADJACENT MARSH) ARE ANTICIPATED. THE TUGBOAT WILL OPERATE IN OPEN WATER.
- 2) ALL EXISTING PILINGS AND EQUIPMENT WILL BE COMPLETELY PULLED AND REMOVED BY CRANE AND BARGE AND DISPOSED OF IN APPROPRIATE DISPOSAL FACILITY.
- 3) SHALLOW DRAFT BARGES (3.5' - 4') WILL BE UTILIZED TO AVOID CONTACT WITH WATER BOTTOM.
- 4) OPERATIONS WILL OCCUR DURING TIMES WHEN WATER DEPTHS ARE SUFFICIENT TO SUPPORT WORK WITHOUT CONTACTING THE WATER BOTTOM.
- 5) SHALLOW DRAFT TUGS WITH A DRAFT OF 4-5FT WILL BE UTILIZED IN DEEPER WATER LEVELS TO TRANSPORT BARGES TO THE SITE.
- 6) WATER DEPTHS DEPICTED ARE MEAN LOW AND MEAN HIGH WATER LEVELS.

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HOUSTON, TEXAS

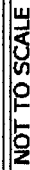
WEEKS ISLAND STRUCTURE REMOVAL

LOCATION 4

IBERIA PARISH, LOUISIANA

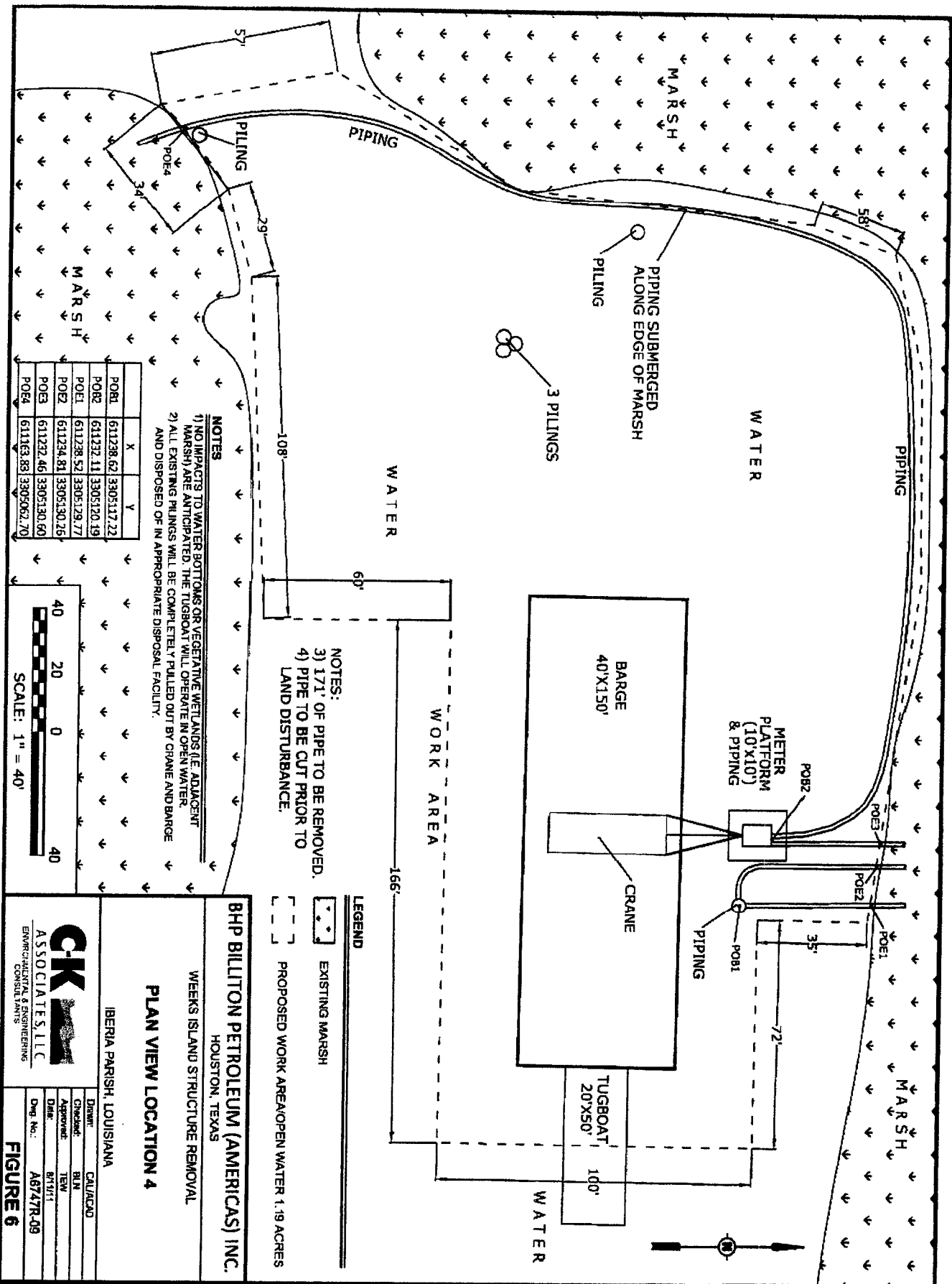
CK ASSOCIATES, LLC	Drawn: CAL/JAGAD
ENVIRONMENTAL & ENGINEERING CONSULTANTS	Checked: BM
	Approved: TEM
	Date: 8/4/11
	Dwg. No.: A6747R-07

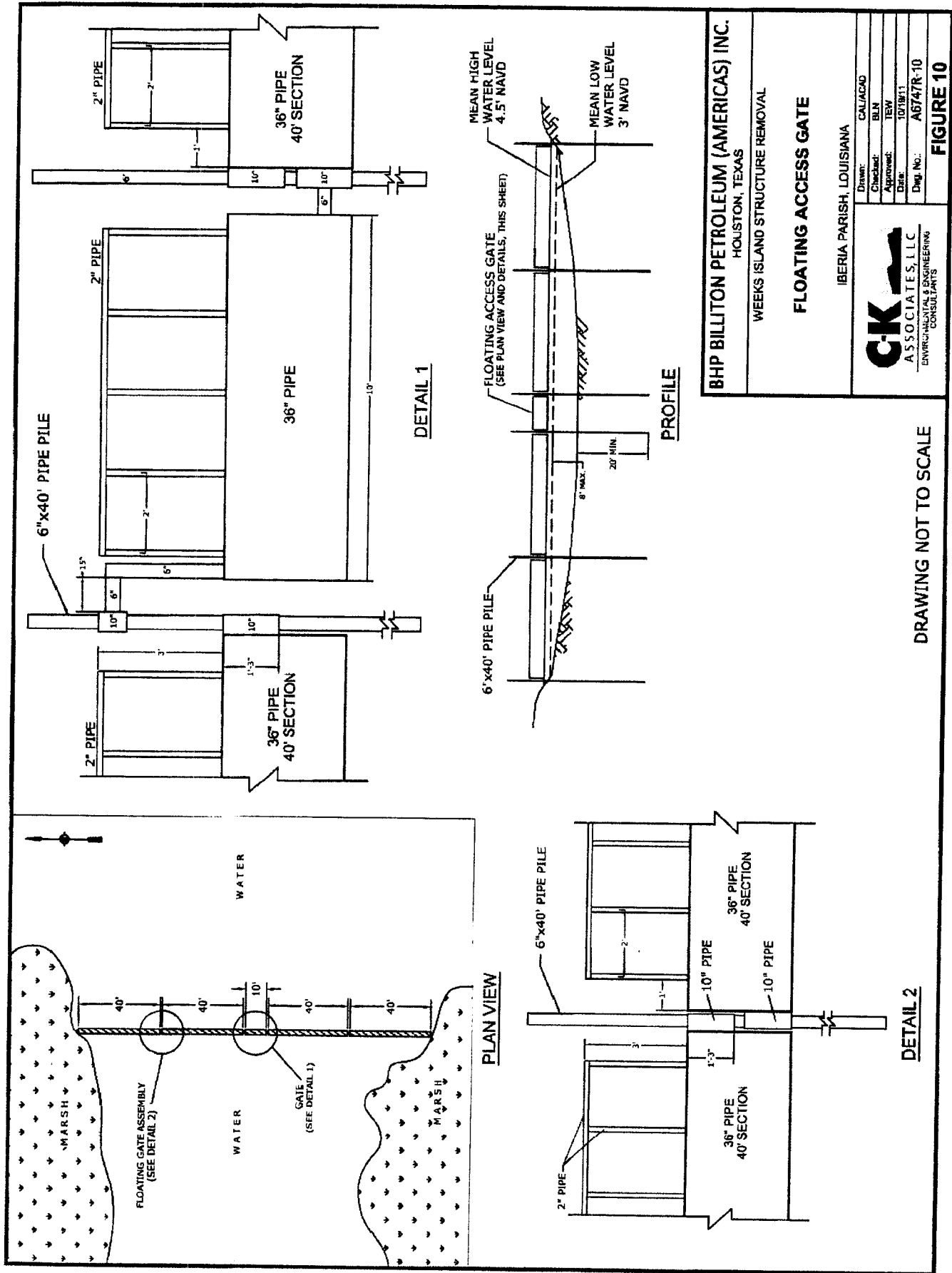
FIGURE 9



- 1) NO IMPACTS TO WATER BOTTOMS OR VEGETATIVE WETLANDS (I.E. ADJACENT MARSH) ARE ANTICIPATED. THE TUGBOAT WILL OPERATE IN OPEN WATER.
- 2) ALL EXISTING PILINGS WILL BE COMPLETELY PULLED OUT BY CRANE AND BARGE AND DISPOSED OF IN APPROPRIATE DISPOSAL FACILITY.
- 3) SHALLOW DRAFT BARGES (3.5' - 4') WILL BE UTILIZED TO AVOID CONTACT WITH WATER BOTTOM.
- 4) OPERATIONS WILL OCCUR DURING TIMES WHEN WATER DEPTHS ARE SUFFICIENT TO SUPPORT WORK WITHOUT CONTACTING THE WATER BOTTOM.
- 5) SHALLOW DRAFT TUGS WITH A DRAFT OF 4-5FT WILL BE UTILIZED IN DEEPER WATER LEVELS TO TRANSPORT BARGES TO THE SITE.
- 6) WATER DEPTHS DEPICTED ARE MEAN LOW AND MEAN HIGH WATER LEVELS.

FIGURE 7





DRAWING NOT TO SCALE

BHP BILLITON PETROLEUM (AMERICAS) INC.
HOUSTON, TEXAS

WEEKS ISLAND STRUCTURE REMOVAL

FLOATING ACCESS GATE

IBERIA PARISH, LOUISIANA

CK ASSOCIATES, LLC
ENVIRONMENTAL ENGINEERING CONSULTANTS

Drawn: CAL/JAGAO
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Approved: TEW
Date: 10/18/11
Dwg No.: A6747R-10

FIGURE 10