

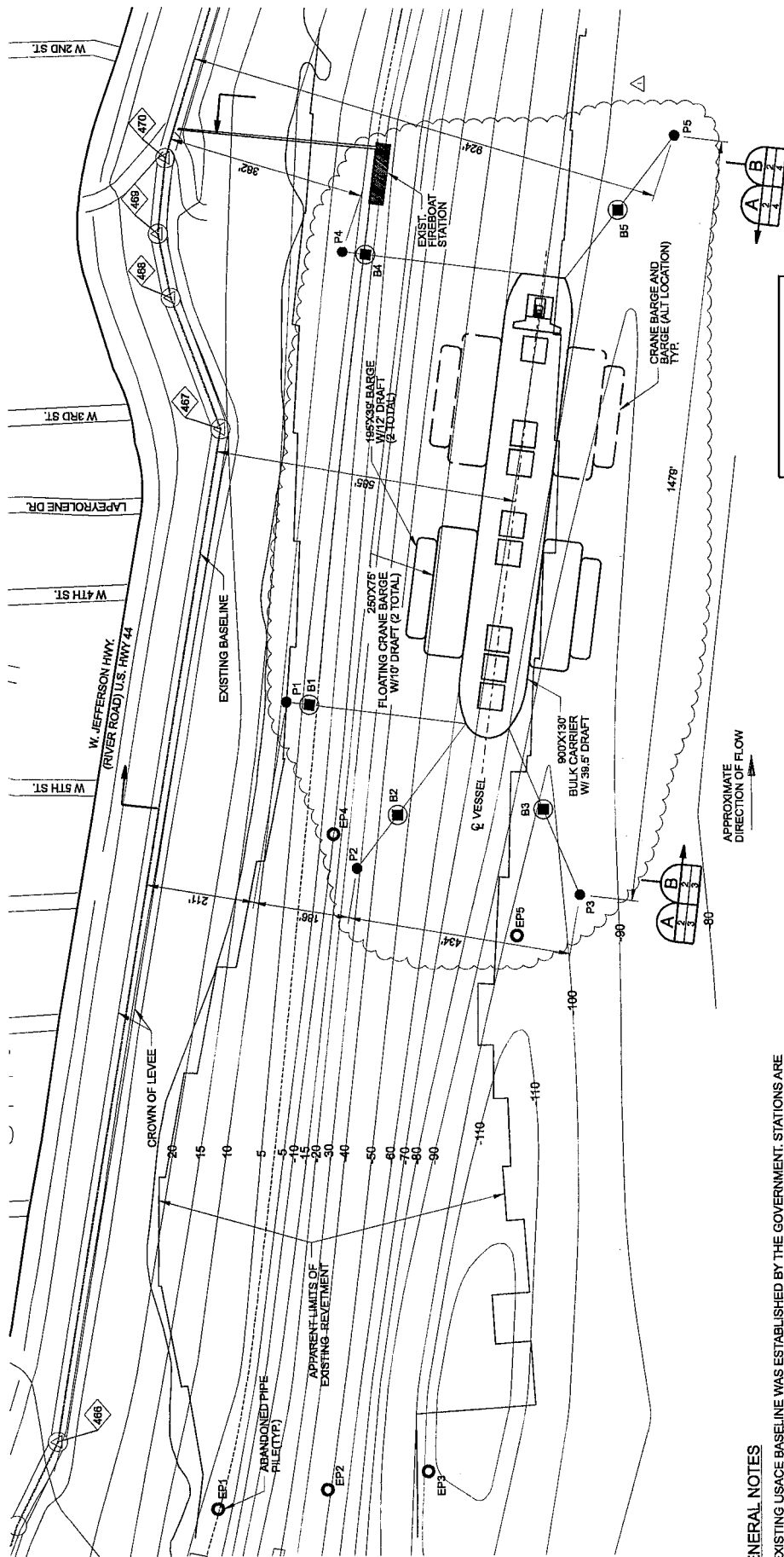
SCALE: 1"=500'

LEGEND
Px = PROPOSED 54" D/A. ANCHOR
PIPE PILE
Bx = PROPOSED FLOATING BOUY

3500 N. Causeway Blvd., Suite 900
Metairie, Louisiana 70002
(504) 837-6326

UP'S

ST. JOHN THE BAPTIST	RESERVE MOORING, INC.	DOWNING OF 1	FILE NO. 10001714
PROPOSED RELOCATION MIDSTREAM SHIP MOORING-VICINITY PLAN		LOUISIANA	



GENERAL NOTES

- EXISTING USACE BASELINE WAS ESTABLISHED BY THE GOVERNMENT. STATIONS ARE IN FEET AND REFER TO NORTH AMERICAN DATUM NAD83, SECTION LAMBERT, 1702. THE SURVEY WAS PERFORMED BY 3001 INC., FOR THE PONTCHARTRAIN LEVEE DISTRICT. ALL GPS FIELD WORK WAS PERFORMED IN ACCORDANCE WITH THE METHODS AND PROCEDURES OF THE U.S. CORPS OF ENGINEER MANUAL, EM 1110-1-1003 AND THE FGCC GPS STANDARD AND PROCEDURES BESIDES THE MANUFACTURES SPECIFICATIONS.
- LIMITS OF THE EXISTING REVENUE WERE TAKEN FROM THE HYDROGRAPHIC SURVEY 2004 BLACK HAWK, LA. TO HEAD OF PASSES LA. ALSO SOUTH AND SOUTHWEST PASSES AND PASS A LOULTE, SHEET 43 OF 86.

LEGEND

- PROPOSED BUOY, (B1-B5)
- PROPOSED UNDERWATER PIPE PILE (P1-P5)
- U.S.A.C.E. BASELINE POINT OF INTERSECTION (P1)

PLAN (MIDSTREAM MOORING)

SCALE: 1"=300'

ISSUED FOR
PERMITTING ONLY

ANCHOR PILE		EXISTING BASELINE STA	
BASELINE STA.	OFFSET RT. (FT.)	STA.	Y
P1	4655+83.61	4668+25.56	568012.79
P2	4652+66.39	4684+76.24	568027.37
P3	4653+03.30	4683+60.39	568002.26
P4	4664+75.75	4680+76.47	568005.81
P5	4669+49.28	4641+7.94	568225.33

PLMS#	STA.	X	Y
470	4668+25.56	3526698.14	568012.79
469	4684+76.24	3526851.55	568027.37
468	4683+60.39	3526726.20	568002.26
467	4680+76.47	352673.02	568005.81
466	4641+7.94	3524827.68	568225.33

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ST. JOHN THE BAPTIST

RESERVE MOORING, INC.

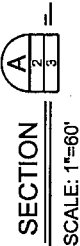
LOUISIANA

DRAWING OF 2

PROPOSED RELOCATION MIDSTREAM SHIP MOORING - SITE PLAN

FILE NO. 10001714

DESIGNED BY:	T.K.
DRAWN BY:	J.K.
CHECKED BY:	B.L.
REVIEWED BY:	B.L.
DATE:	3/14/11
PROJECT NO.:	10001714
PROJECT NAME:	PROPOSED RELOCATION MIDSTREAM SHIP MOORING - SITE PLAN
PROJECT LOCATION:	RESERVE MOORING, INC. ST. JOHN THE BAPTIST, LOUISIANA
PROJECT SCALE:	1"=300'
PROJECT DATE:	3/14/11
PROJECT BY:	T.K.
PROJECT FOR:	RESERVE MOORING, INC.

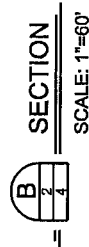


UPSTREAM BUOY ARRANGEMENT @ MLW



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[illegible]



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RESERVE MOORING, INC.

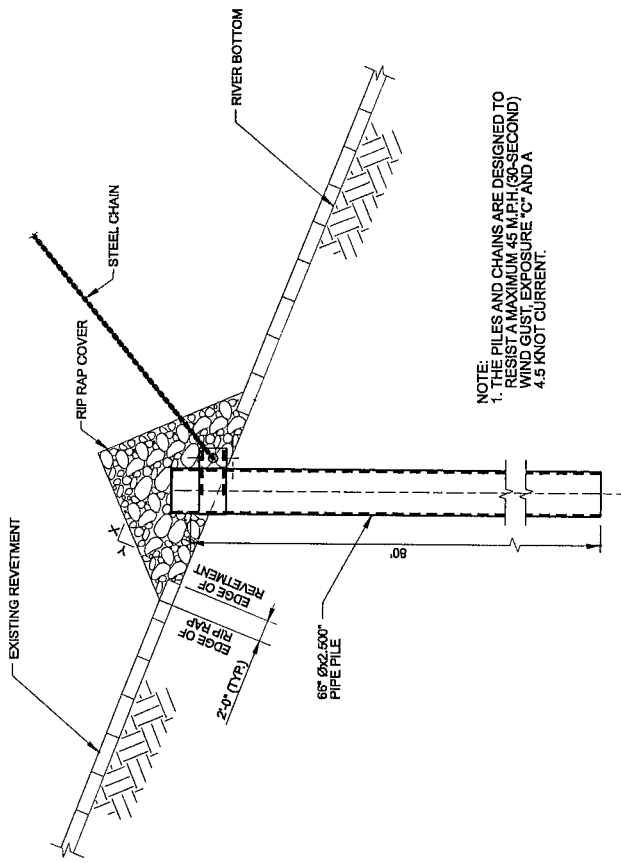
QUISTANA

4

PROPOSED RELOCATION MIDSTREAM
SHIP MOORING - SECTIONS, SHEET 2

FILE NO. 10001714

DESIGNED BY:	T.K.
DRAWN BY:	J.K.
CHECKED BY:	E.L.
REVISED BY:	B.L.
DATE:	3-14-11



NOTE:
1. THE PILES AND CHAINS ARE DESIGNED TO RESIST A MAXIMUM 45 M.P.H. (30-SECOND) WIND GUST, EXPOSURE "C" AND A 4.5 KNOT CURRENT.

ELEVATION VIEW

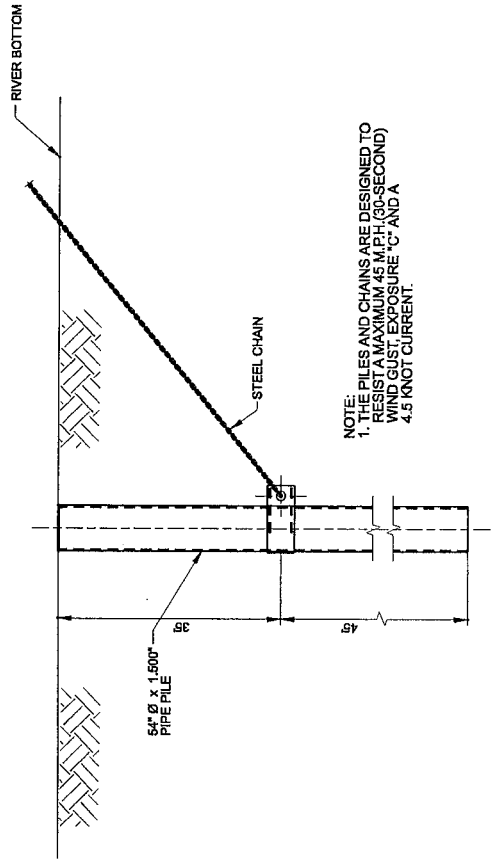
PIPE PILES P1, P2 & P4

SCALE: N.T.S.



DEPTH OF WATER IN FEET AT PILE PENETRATION	DISTANCE IN FEET	
	X	Y
0'-10"	3'	1.5'
11'-40"	5'	2'
41'-80"	6'	3'
81'-100"	12'	4'

NOTES:
1. SIZE OF RIP RAP TO VARY BETWEEN 5 POUNDS AND 125 POUNDS WITH 40% 200 WITHIN THE RANGE OF 20 POUNDS TO 100 POUNDS.
2. A RIP RAP STONE LAYER 10" THICK SHALL BE PLACED AROUND THE PERIMETER OF THE STACK.

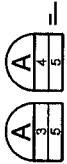


NOTE:
1. THE PILES AND CHAINS ARE DESIGNED TO RESIST A MAXIMUM 45 M.P.H. (30-SECOND) WIND GUST, EXPOSURE "C" AND A 4.5 KNOT CURRENT.

ELEVATION VIEW

PIPE PILES P3 & P5

SCALE: N.T.S.



ISSUED FOR
PERMITTING ONLY

DRAWING
OF
5
FILE NO.
10001714

RESERVE MOORING, INC.
ST. JOHN THE BAPTIST
LOUISIANA
PROPOSED RELOCATION MIDSTREAM
SHIP MOORING - DETAILS

3500 N. Causeway Blvd., Suite 900
Metairie, Louisiana 70002
(504) 837-6326

URS

DESIGNED BY: T.K.
DRAWN BY: J.K.
CHECKED BY: B.L.
REVIEWED BY: B.L.
DATE: 3-14-11

ENTIRE SHEET
ISSUED FOR PERMITTING
NO. 10001714
BY: T.K.

[illegible]

1. 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, LOUISIANA 70804, AND TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, COASTAL MANAGEMENT DIVISION, P.O. BOX 44487, BATON ROUGE, LOUISIANA 70804-4487.

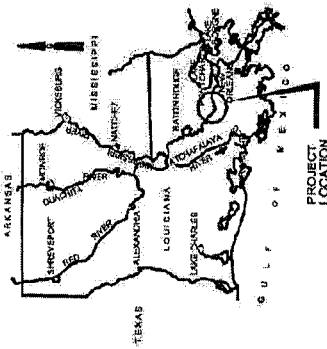
2. ALL STRUCTURES, FACILITIES, WELL AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS OR IN OILFIELD CANALS OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OR THE FACILITIES FOR THE HEREIN PERMITTED USE, UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE, IS RECEIVED FROM THE 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.

3. STRUCTURES MUST ALSO BE MARKED/LIGHTED IN ACCORDANCE WITH U.S. COAST GUARD REGULATIONS.

4. 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.

URS

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St. John the Baptist
Parish, Louisiana

