NOTES:
2. CURRENTLY PERMITTED UNDER C.U.P. P20101416 AND C.O.E. MVN-2008-03033-ETT.
3. SEE SHEET 2 OF PERMIT MODIFICATION REQUEST NO.1 FOR ADDITIONAL TEMPORARY MOORING AREA DETAILS.
4. COORDINATES IN NAD 83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. SURVEY FT.
NOTES:
2. COORDINATES IN NAD 83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. SURVEY FT.
TYPICAL SECTION A - A'

RIVER HEIGHT AT TIME OF SURVEY (NAVD88): 3.08'

APPROX. BATTURE LOCATION

APPROX. WAVE BERM LOCATION

APPROX. REVETMENT LOCATION

PROPOSED ADDITIONAL TEMPORARY MOORING AREA LIMITS (550')

RIVER HEIGHT AT TIME OF SURVEY (NAVD88): 3.08'

NOTES:
1. ELEVATIONS ARE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88), U.S. SURVEY FT.
2. SURVEY PERFORMED BY GREAT LAKES DREDGE AND DOCK COMPANY, JUNE 2012.
4. ANCHOR LOCATIONS SHALL BE MARKED WITH ANCHOR BOOYS THAT CONFORM TO U.S. COAST GUARD REQUIREMENTS.
NOTES:
2. COORDINATES IN NAD 83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. SURVEY FT.
4. NO ADDITIONAL IMPACTS TO NON-VEGETATED WATERBOTTOMS OTHER THAN THOSE PREVIOUSLY
   PERMITTED. EXPANDED WORK AREA TO BE UTILIZED FOR FIELD FITTING OF CROSSING FOR ETROA
   PLANNED CHANNEL EXCAVATION UNDER ETROA'S OWN PERMIT.
5. ETROA RESOURCES, LLC. C.U.P. PERMIT APPLICATION NUMBER P2011584.

STATE PROJECT NUMBER: BA-40
FEDERAL PROJECT NUMBER: BA-40

DATE: AUGUST, 2012
SHEET 4 OF 5
NOTES:
2. COORDINATES IN NAD 83, LOUISIANA STATE PLANE, SOUTH ZONE, U.S. SURVEY FT.
4. NO ADDITIONAL IMPACTS TO NON-VEGETATED WATERBOTTOMS OTHER THAN THOSE PREVIOUSLY PERMITTED. EXPANDED WORK AREA TO BE UTILIZED FOR FIELD FITTING OF CROSSING.