PUBLIC NOTICE

US Army Corps
of Engineers
New York District
Jacob K. Javits Federal Building
New York, N.Y. 10278-0090
ATTN: Regulatory Branch

In replying refer to:
Public Notice Number: 2006-00265-L6
Issue Date: NOV 24 2006
Expiration Date: JAN 23 2007

To Whom It May Concern:

The New York District, U.S. Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: Broadwater Energy LLC
777 Walker Street
22nd Floor
Houston, TX 77002

ACTIVITY: Construct a yoke mooring system with an attached floating storage and regasification unit, submarine natural gas pipeline, and place fill material to create an offshore Liquified Natural Gas Terminal.

WATERWAY: Long Island Sound

LOCATION: Town of Riverhead, Town of Brookhaven, and Town of Smithtown, Suffolk County, New York.

A detailed description and plans of the applicant's proposed activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigatiou, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber productiou, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING, SENT AND RECEIVED AT THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity.

The New York District of the U.S. Army Corps of Engineers is serving as one of the cooperating agencies involved in the preparation of an Environmental Impact Statement by the Federal Energy Regulatory Commission (FERC). A Notice of Availability for the Draft Environmental Impact Statement was posted on the FERC website (www.ferc.gov) on November 17, 2006, and can be viewed on the FERC website by clicking on the eLibrary link on the upper right hand corner of FERC's homepage. A Draft Environmental Impact Statement (DEIS) prepared by FERC can be viewed at Federal Energy Regulatory Commission, Public Reference Room, 888 First Street, N.E., Room 2A, Washington, DC, 20426, phone (202) 502-8371. In addition, copies of the draft EIS have been mailed by FERC to federal, state, and local agencies; public interest groups; individuals and landowners who requested a copy of the DEIS; libraries and newspapers. Information to submit comments on the DEIS can be found on the FERC website or by calling 1-866-208-FERC.

Information on project impacts to Endangered and Threatened Species, Essential Fish Habitat, and sites included in or eligible for inclusion in the National Register of Historical Places can be found in the DEIS.

FERC will conduct four public meetings jointly with the Corps of Engineers in January 2007. The United States Coast Guard will also participate in these meetings. The locations and times of these meetings will be announced in a separate Public Notice. The public meetings will meet the Corps of Engineers requirement for public hearings, as found in 33 CFR Part 327.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

In accordance with the federal Coastal Zone Management Act, implementing regulations in 15 CFR Part 930, and the New York Coastal Management Program, the applicant has provided a consistency certification and supporting information and data to the Corps of Engineers, to the Federal Energy Regulatory Commission (FERC docket numbers CP06-54-000, CP06-55-000, CP06-56-000), and to the New York State Department of State's Division of Coastal Resources. Copies of that certification may be viewed on the FERC web site (www.ferc.gov) referencing the above docket numbers and in the offices of the New York State Department of State, Division of Coastal Resources, 41 State Street, Albany, New York 12231-0001. Comments regarding the applicant's consistency certification and the consistency of the proposed activity with the New York Coastal Management Program should be provided to the New York State Department of State at the above address, to the attention of the Consistency Review Unit, referencing file #F-2006-0345.

In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested authorization from the following government agencies for the activity under consideration:

- New York State Department of Environmental Conservation

- Federal Energy Regulatory Commission
- U.S. Coast Guard

The responsibilities of the reviewing federal agencies for the proposed activity vary and are as follows; the Corps of Engineers regulates the construction of the proposed structures and placement of fill material; the LNG Terminal and natural gas pipeline requires authorization from FERC; the U.S. Coast Guard is responsible for assessing navigational safety and security issues. U.S. Coast Guard recommendations concerning navigational safety and security issues are addressed in the DEIS.

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact this office at (917) 790-8519 and ask for Russell C. Smith.

For more information on New York District Corps of Engineers programs, visit our website at http://www.nan.usace.army.mil

Richard L. Tomer

Richard L. Tomer
Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

The applicant, Broadwater Energy, LLC (Broadwater), has requested Department of the Army authorization to construct a yoke mooring system with an attached Floating Storage Regasification Unit (FSRU) and a 30-inch, 21.7-mile subsea lateral product delivery pipeline with service connection to an existing pipeline to support a liquified natural gas (LNG) terminal. The proposed work site is located within the New York Waters of the Long Island Sound, approximately 9 miles from the nearest shoreline of Long Island in the Towns of Brookhaven, Riverhead and Smithtown, Suffolk County, New York and about 11 miles from the nearest shoreline in Connecticut.

The Floating Storage and Regasification Unit (FSRU) would have the following approximate dimensions; 1,215 feet long by 200 feet wide by 80 feet high (height from water line to the trunk deck as shown on sheet 3 of the attached drawings). Schematics of the FSRU are attached for review (sheets 3 and 4 of the attached drawings). The total storage capacity of the FSRU would be approximately 8 billion cubic feet (bcf) of LNG. LNG would be delivered to the FSRU by cargo vessels designed to carry LNG. The anticipated frequency of LNG deliveries would be 2 to 3 carriers per week. The FSRU itself would primarily be a stationary feature, with movement limited to pivoting (weathervaning) around the yoke mooring system.

The yoke mooring system includes a mooring tower embedded in the seafloor. The mooring tower structure would be supported by 4 piles driven into the seabed and the base of the tower structure would be 115 feet by 115 feet. Scour protection at the base of the tower would consist of eight (8) 8 foot by 20 foot by 9 inch concrete mats, and sand bags. Besides serving as the mooring structure, the yoke mooring system and tower would also house the start of the proposed natural gas pipeline.

The pipeline would consist of a 30-inch diameter concrete-coated pipe, running approximately 21.7-miles from the FSRU to connect to an existing natural gas pipeline (Iroquois Gas Transmission System Pipeline). Schematics of the pipeline route are attached to this document for review (sheets 6 through 13 of the drawings). Concrete-coating of the pipe sections would be done at an existing onshore facility. To minimize pipeline movement as the sendout gas cools, the connection with the yoke mooring system would provide an approximately 80 foot by 40 foot expansion loop comprised of a series of short, pre-formed pipe sections (see sheet 14 of 22).

An approximately 7-foot deep trench would be excavated along the length of the pipeline route via a subsea plow. An estimated 304,500 cubic yards of material would be sidecast as the plow moves along the pipeline route. The plow would transit the length of the pipeline route with the assistance of a bury barge (see sheets 17 and 18 of the attached drawings). Stabilization of the plow would be accomplished via a control umbilical, and associated floats. It is anticipated that approximately 20 miles of the pipeline trench would be filled in via natural re-sedimentation of the sidecast material, a process anticipated to take between 3-5 years. The pipeline would be placed in the trench so that the top of the pipeline (not including the concrete weight coating) would be 3 feet or more below the natural seabed, except where the pipeline crosses existing utility lines (see paragraph below).

The pipeline would cross over existing utility lines at the Cross Sound Cables, and the AT & T Cable Corridor. Excavations in these areas would be performed via a submersible pump or by divers using hand-jetting or air lifting equipment. To protect the existing cables, concrete mats with maximum dimensions of 20 feet by 8 feet by 9 inches, will be used to create a crossbridge over the existing utility line, and overlay protection for the proposed pipeline. The overlay concrete mat would effectively sandwich the proposed pipeline against the created crossbridge. Approximately 6,000 cubic yards of clean fill (rock) from a state-approved upland facility would be needed in addition to the concrete mats. Concrete mat, and fill placement would be accomplished with diver assistance. A schematic of the utility line crossings is attached to this document (see Sheet 15).

Excavation at the Iroquois Gas Transmission System Pipeline and FSRU tie-ins will be accomplished using a submersible pump or by divers using hand-jetting or air lifting equipment. Approximately 5 cubic yards of sandbags would be needed to backfill the tie-in area. The first two-miles of the proposed pipeline, from where it leaves the yoke mooring tower, will be mechanically backfilled with approximately 41,000 cubic yards of cleanfill material (rock) from a state-approved upland source. Rock placement would be accomplished using drop tubes and divers to ensure accurate placement.

The proposed pipeline would also cross a local geological feature known as the Stratford Shoals. It is anticipated that the subsea plow would not be able to excavate within the Stratford Shoals as the rock encountered there may be too hard. No blasting of this material is proposed. Instead, the proposed plan is to excavate the encountered material via a barge mounted long-armed heavy duty excavator (backhoe). The material excavated at this location would be reused as backfill to cover the pipeline.

In attempts to minimize and/or mitigate any potential adverse impacts to the marine environment and aquatic organisms, Broadwater has proposed to incorporate Best Management Practices including, but not limited to, time of year restrictions and biological monitoring personnel. Time of year restrictions would coincide with timeframes where adverse impacts to sensitive lifestages (eggs and larvae) of aquatic organism should be greatly minimized. Biological monitors knowledgeable in the identification of federally listed endangered or threatened species would be onboard the vessels towing the subsea plow during construction, and would monitor broadcasts for the presence of marine mammals within 5 miles of the construction area(s) and advise the construction crew when and if adverse impacts issues arose. Biological monitors would also be present during the installation of the yoke mooring tower, and would oversee the pile driving activity. Mitigation planning for the pile driving includes a "ramp-up" procedure wherein pile driving would start at less than full capacity and gradually work up to full strength. This method is designed to allow marine mammals time to vacate the immediate area to minimize potential acoustic shock issues.

During construction, the project contractor would require temporary space on the shore of Long Island Sound, primarily for transporting personnel and supplies to the worksite. To avoid construction of any new docks, Broadwater has proposed to use pre-existing available docking space at either Port Jefferson, or Greenport, New York as shown on the attached drawings (see sheets 21 and 22).

The stated purpose of this project is to establish a Liquified Natural Gas (LNG) marine terminal capable of receiving imported LNG from LNG carriers, and storing and regasifying the LNG at an average sendout of 1.0 billion cubic feet per day. The terminal would provide a new source of reliable, long-term, and competitively priced natural gas to the Long Island, New York City, and Connecticut markets by connecting to the existing subsea natural gas pipeline system owned by Iroquois Gas Transmission System. Broadwater estimates that approximately half of the natural gas sent out from the LNG terminal would be transported to New York City, about 25 to 30 percent would go to Long Island, and the remaining portion would go to Connecticut.

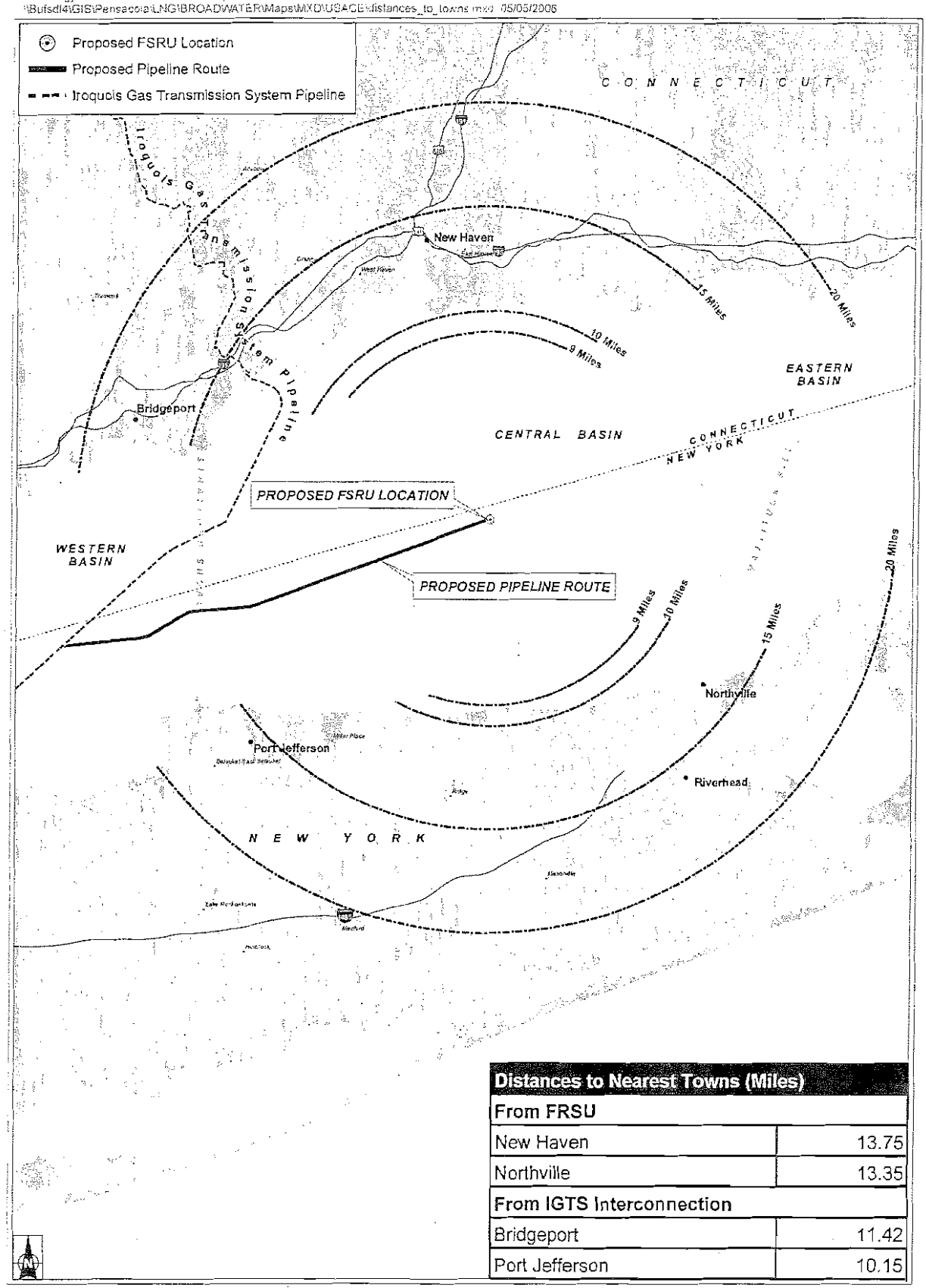
Source: ESRI StreetMap, 2002.

0 5 10 20 30
Miles

Proposed Broadwater Project Location in Long Island Sound

Application # 2006-00265

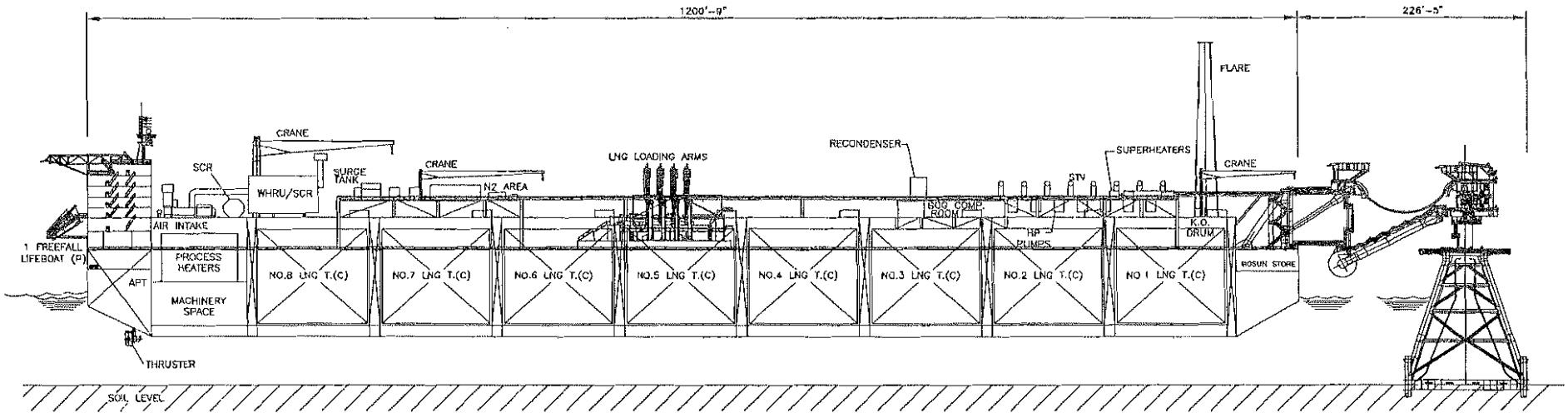
Sheet 1/22

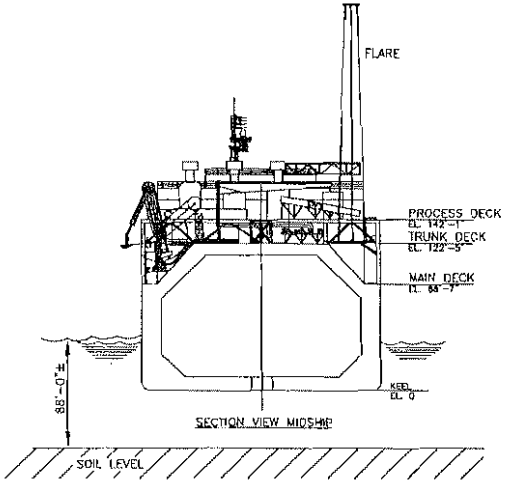


Distances to Nearest Towns (Miles)	
From FRSU	
New Haven	13.75
Northville	13.35
From IGTS Interconnection	
Bridgeport	11.42
Port Jefferson	10.15

Distances to Closest Towns to the Proposed FSRU Location

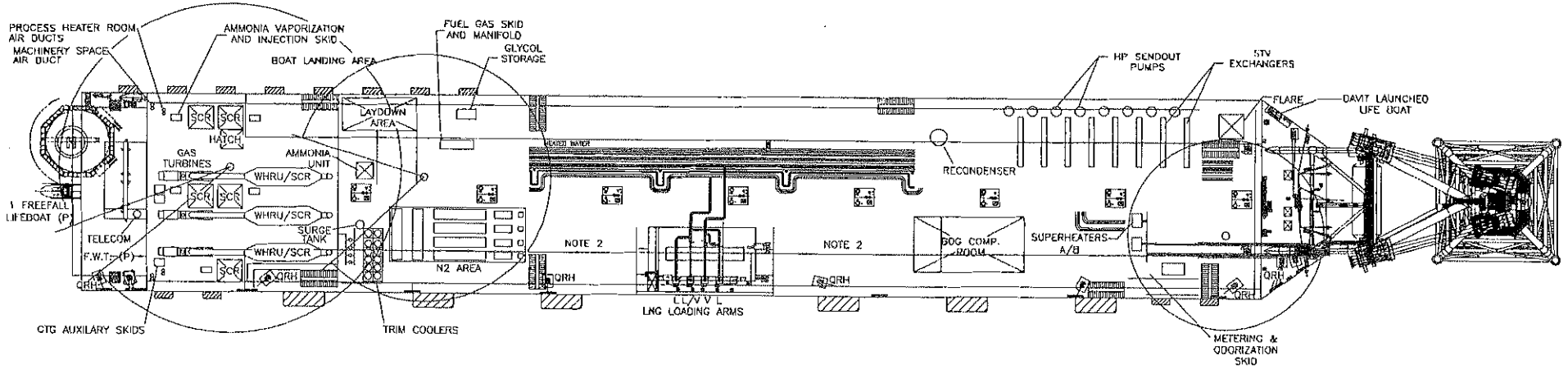
Application # 2006-00265





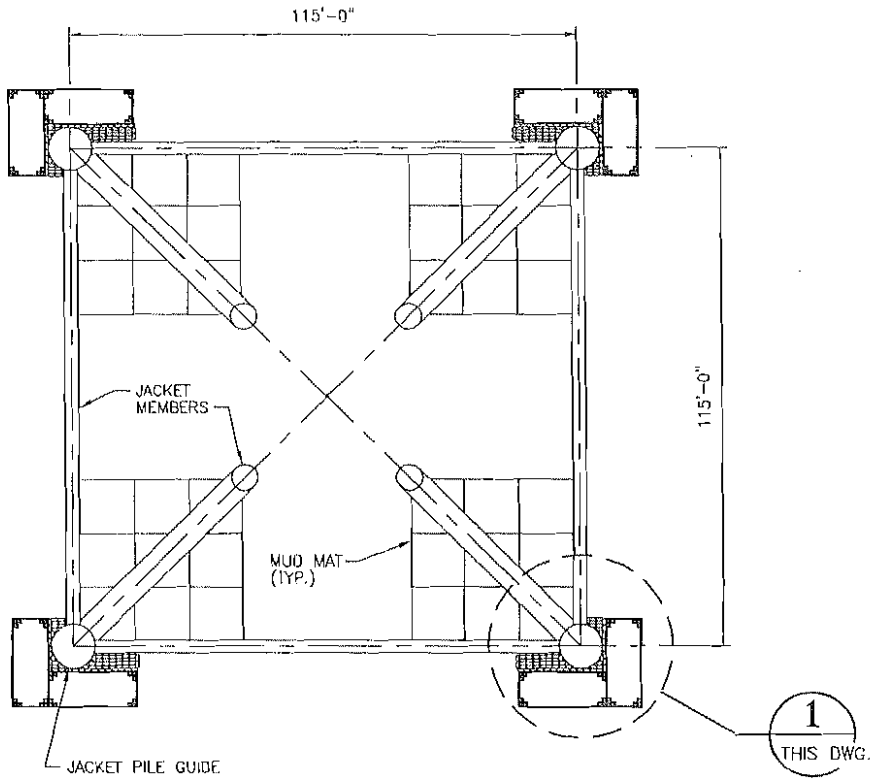
BROADWATER

FSRU – GENERAL ARRANGEMENT ELEVATIONS



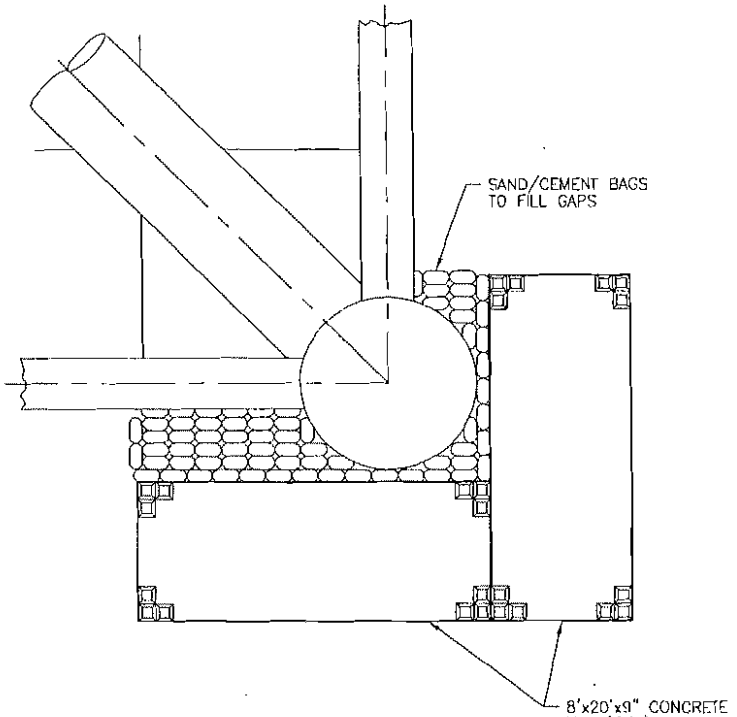
BROADWATER

FSRU – GENERAL ARRANGEMENT PLAN



PLAN

SCALE: N.T.S.



DETAIL 1 THIS DWG.

SCALE: N.T.S.

NOTES:

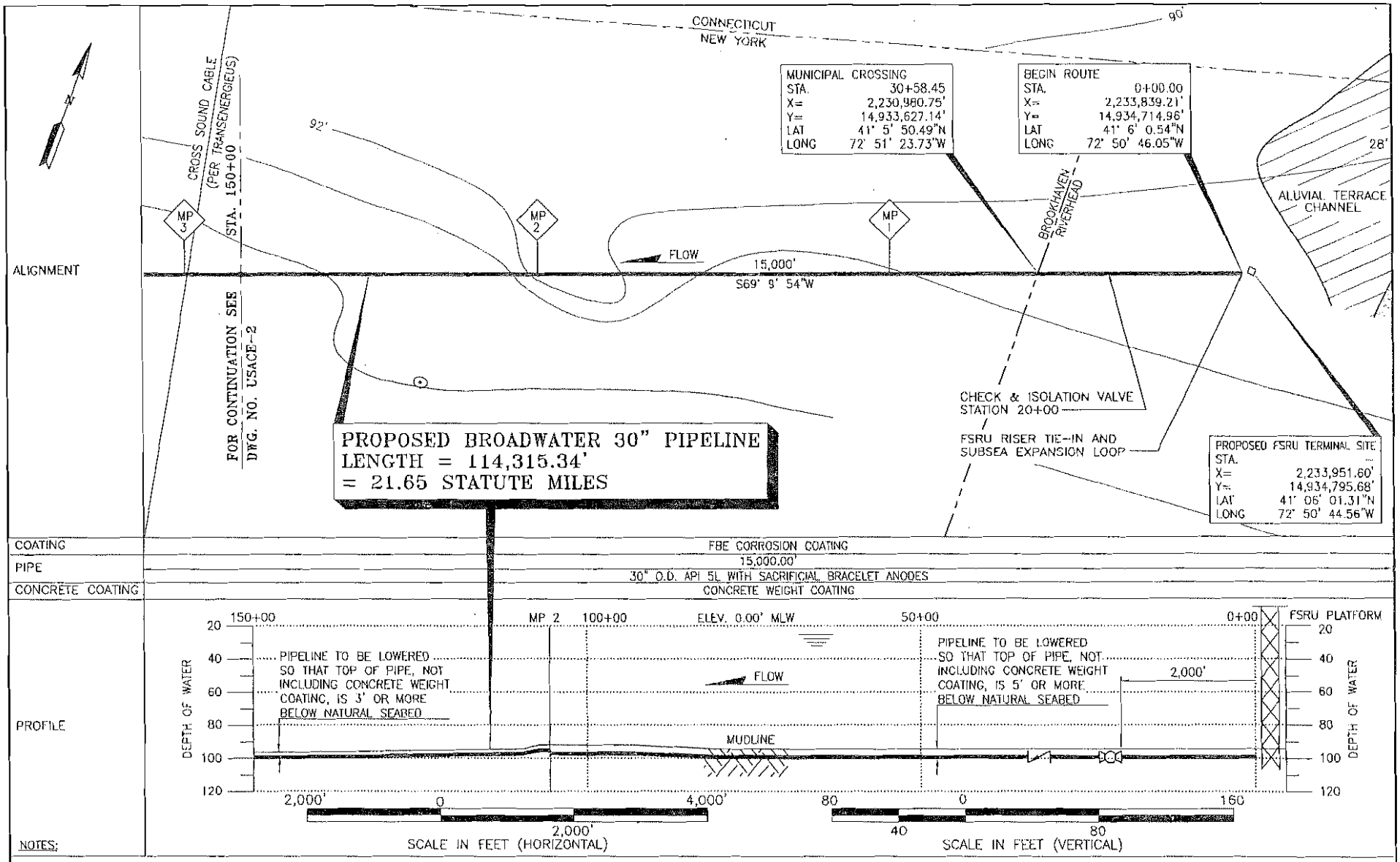
1. THE SYSTEM AND CONFIGURATION OF SCOUR PROTECTION (IF NEEDED) WILL BE DETERMINED DURING FINAL DETAILED DESIGN AND/OR DURING THE OPERATIONS PHASE OF THE FACILITY. THE SYSTEM DEPICTED HERE AND IT'S DIMENSIONS ARE REPRESENTATIVE.
2. USE APPROXIMATELY 2 PALLETS OF SAND BAGS FOR EACH LEG. 56 BAGS PER PALLET AT 0.45 ft^3 = (2)(4)(56)(0.45) = 202 ft^3
3. CONCRETE MATS AND SAND/CEMENT BAGS WILL ENCOMPASS APPROXIMATELY 480 ft^2 FOR EACH LEG. 4(480) = 1920 ft^2
4. TOTAL AREA OF IMPACT ESTIMATED AT 2,200 ft^2 INCLUDING 15% DESIGN MARGIN.

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

POTENTIAL SCOUR PROTECTION FOR YOKE MOORING TOWER

DRAWN BY: J.E.F.	CHK'D. BY: J.H.R.
DATE: 5-19-06	APPRV. BY: T.O.
DWG. NO. 05032-071	REV B

11-07-06 14:32 05117-015 6 KMA



NOTES:

1. SURVEY INFORMATION PROVIDED BY TESLA OFFSHORE, INC., JUNE, 2005.
2. GEODETIC INFORMATION BASED UPON UTM ZONE 18N (GRID UNITS IN FEET), GEODETIC DATUM: NAD 83 CLARKE SPHERIOD 1866.
3. THE CROSS SOUND CABLE LOCATION IS PROVIDED BY TRANSENERGIEUS.

LEGEND

LIGHTERING AREAS

IN-ACTIVE DUMPING GROUNDS CABLE AREAS

LARGE ROCKS

GRAVEL

MILEPOST MP 19

BROADWATER

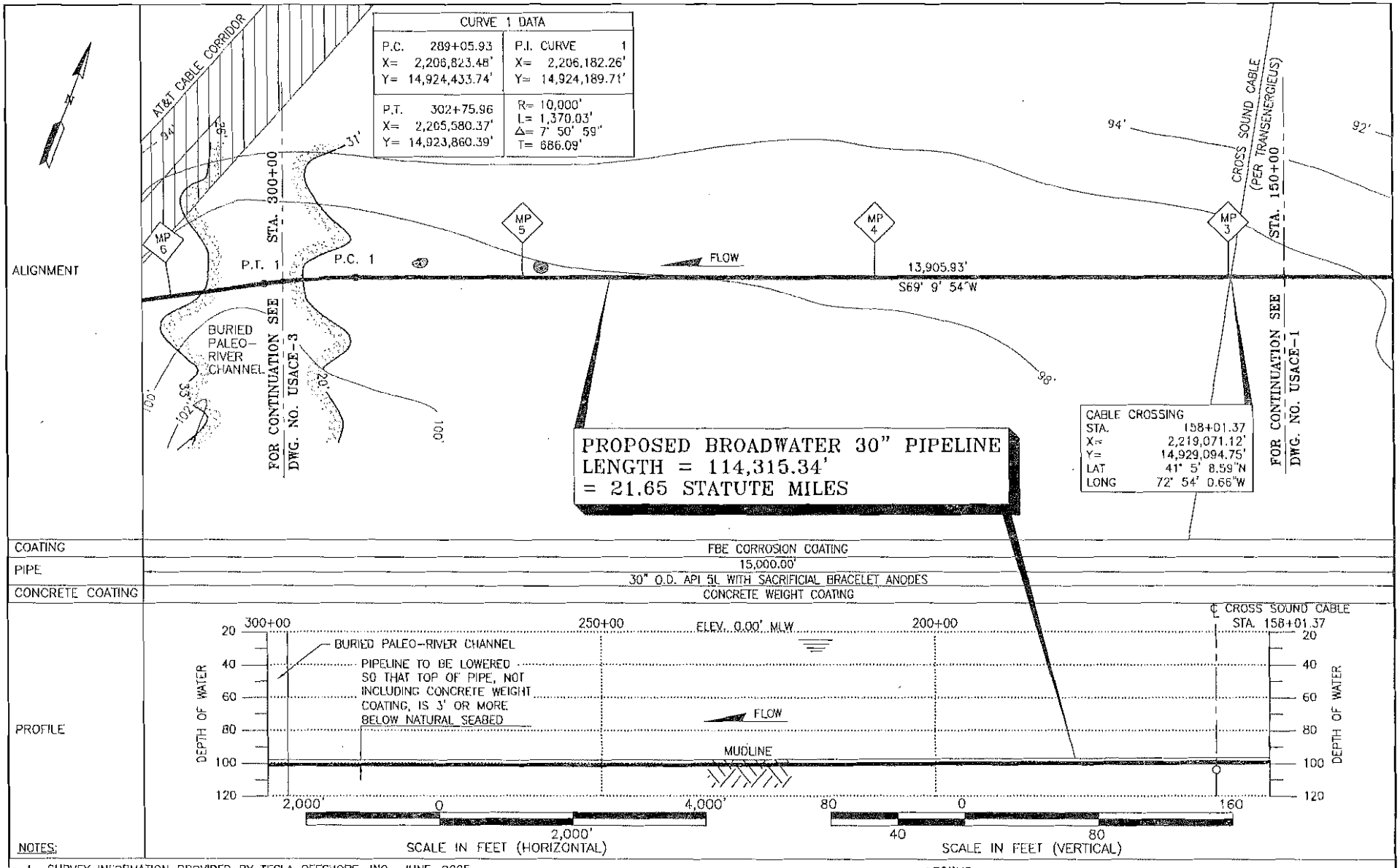
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

BROADWATER ENERGY
ALIGNMENT AND PROFILE
30" O.D. PIPELINE

DRAWN BY:	J.E.F.	CHK'D. BY:	J.H.R.
DATE:	5-15-06	APPRV. BY:	J.H.R.
DWG. NO.	USACE-1	REV	B

11-08-06 9:56 05:17 K.M.A.



NOTES:

1. SURVEY INFORMATION PROVIDED BY TESLA OFFSHORE, INC., JUNE, 2005.
2. GEODETIC INFORMATION BASED UPON UTM ZONE 18N (GRID UNITS IN FEET), GEODETIC DATUM: NAD 83 CLARKE SPHERIOD 1866.
3. AT&T HAS PROVIDED PCS WITH AN AS-BUILT MAP WHICH HAS ONLY ONE COORDINATE POSITION. HOWEVER, PCS WAS TOLD THAT THE CABLE IS WITHIN THE CHARTED ZONE. DIVER SURVEY WILL BE USED TO LOCATE POSITION OF CABLE PRIOR TO CROSSING.
4. THE CROSS SOUND CABLE LOCATION IS PROVIDED BY TRANSENERCIEUS.

LEGEND

LIGHTERING AREAS
IN-ACTIVE DUMPING GROUNDS
CABLE AREAS
LARGE ROCKS
GRAVEL
MILEPOST MP 19

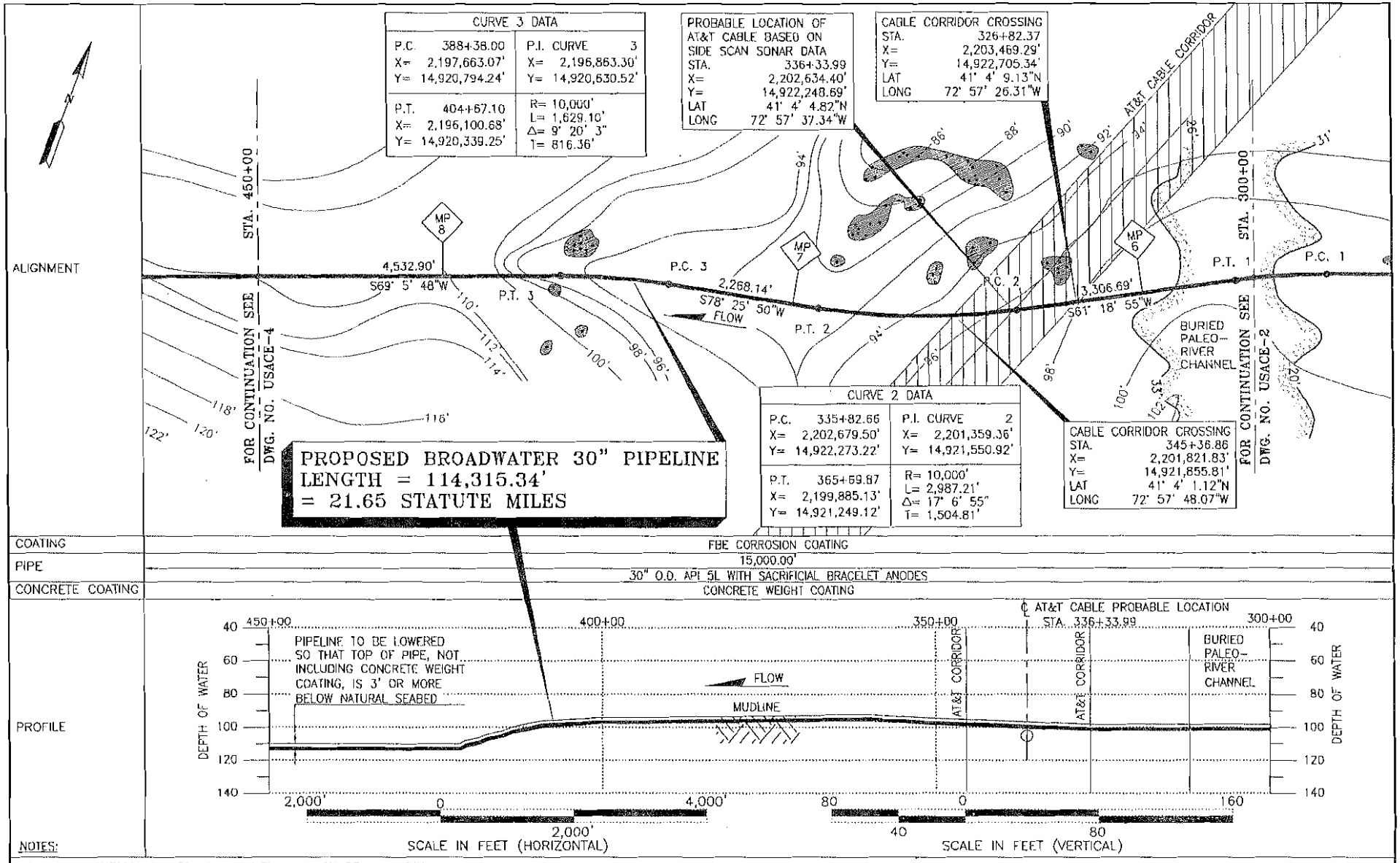
BROADWATER
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

BROADWATER ENERGY
ALIGNMENT AND PROFILE
30" O.D. PIPELINE

DRAWN BY: J.E.F.	CHK'D. BY: J.H.R.
DATE: 5-15-06	APPRV. BY: J.H.R.
DWG. NO. USACE-2	REV B

11-08-06 9:57 05117 4 K.M.A.



NOTES:

1. SURVEY INFORMATION PROVIDED BY TESLA OFFSHORE, INC., JUNE, 2005.
2. GEODETIC INFORMATION BASED UPON UTM ZONE 18N (GRID UNITS IN FEET), GEODETIC DATUM: NAD 83 CLARKE SPHERIOD 1866.
3. AT&T HAS PROVIDED PCS WITH AN AS-BUILT MAP WHICH HAS ONLY ONE COORDINATE POSITION. HOWEVER, PCS WAS TOLD THAT THE CABLE IS WITHIN THE CHARTED ZONE. DIVER SURVEY WILL BE USED TO LOCATE POSITION OF CABLE PRIOR TO CROSSING.

LEGEND

LIGHTERING AREAS
IN-ACTIVE DUMPING GROUNDS
CABLE AREAS
LARGE ROCKS
GRAVEL
MILEPOST MP 19

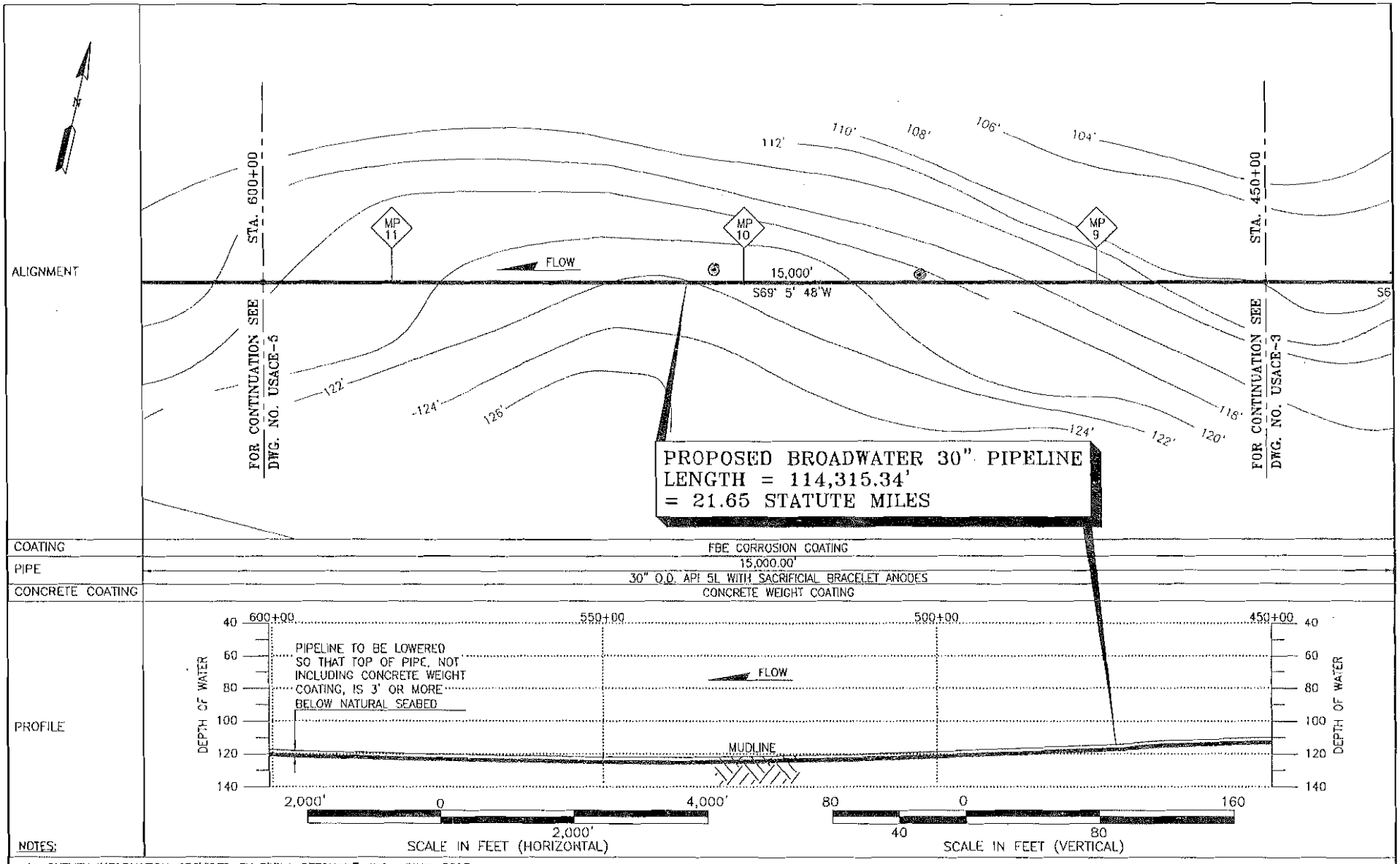
BROADWATER
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

BROADWATER ENERGY
ALIGNMENT AND PROFILE
30" O.D. PIPELINE

DRAWN BY: J.E.F.	CHK'D. BY: J.H.R.
DATE: 5-15-06	APPRV. BY: J.H.R.
DWG. NO. USACE-3	REV B

11-08-06 9:58 05117 6 K.M.A.



NOTES:

1. SURVEY INFORMATION PROVIDED BY TESLA OFFSHORE, INC., JUNE, 2005.
2. GEODETIC INFORMATION BASED UPON UTM ZONE 18N (GRID UNITS IN FEET), GEODETIC DATUM: NAD 83 CLARKE SPHERIOD 1866.

LEGEND

LIGHTERING AREAS
IN-ACTIVE DUMPING GROUNDS
CABLE AREAS
LARGE ROCKS
GRAVEL
MILEPOST MP 19

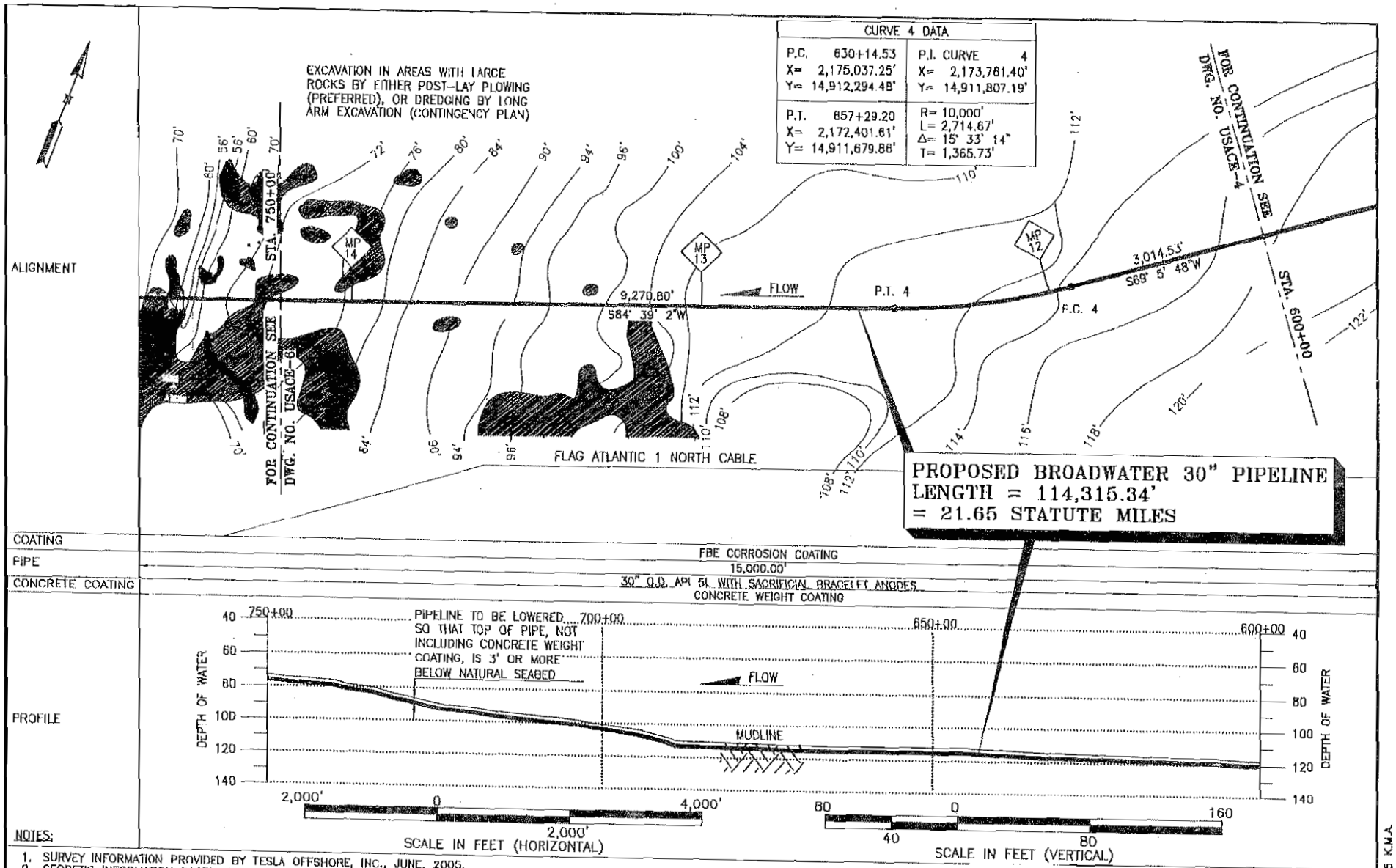
BROADWATER
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

BROADWATER ENERGY
ALIGNMENT AND PROFILE
30" O.D. PIPELINE

DRAWN BY: J.E.F.	CHK'D. BY: J.H.R.
DATE: 5-15-06	APPRV. BY: J.H.R.
DWG. NO. USACE-4	REV B

11-08-06 9:58 05117 5 K.M.A.



BROADWATER

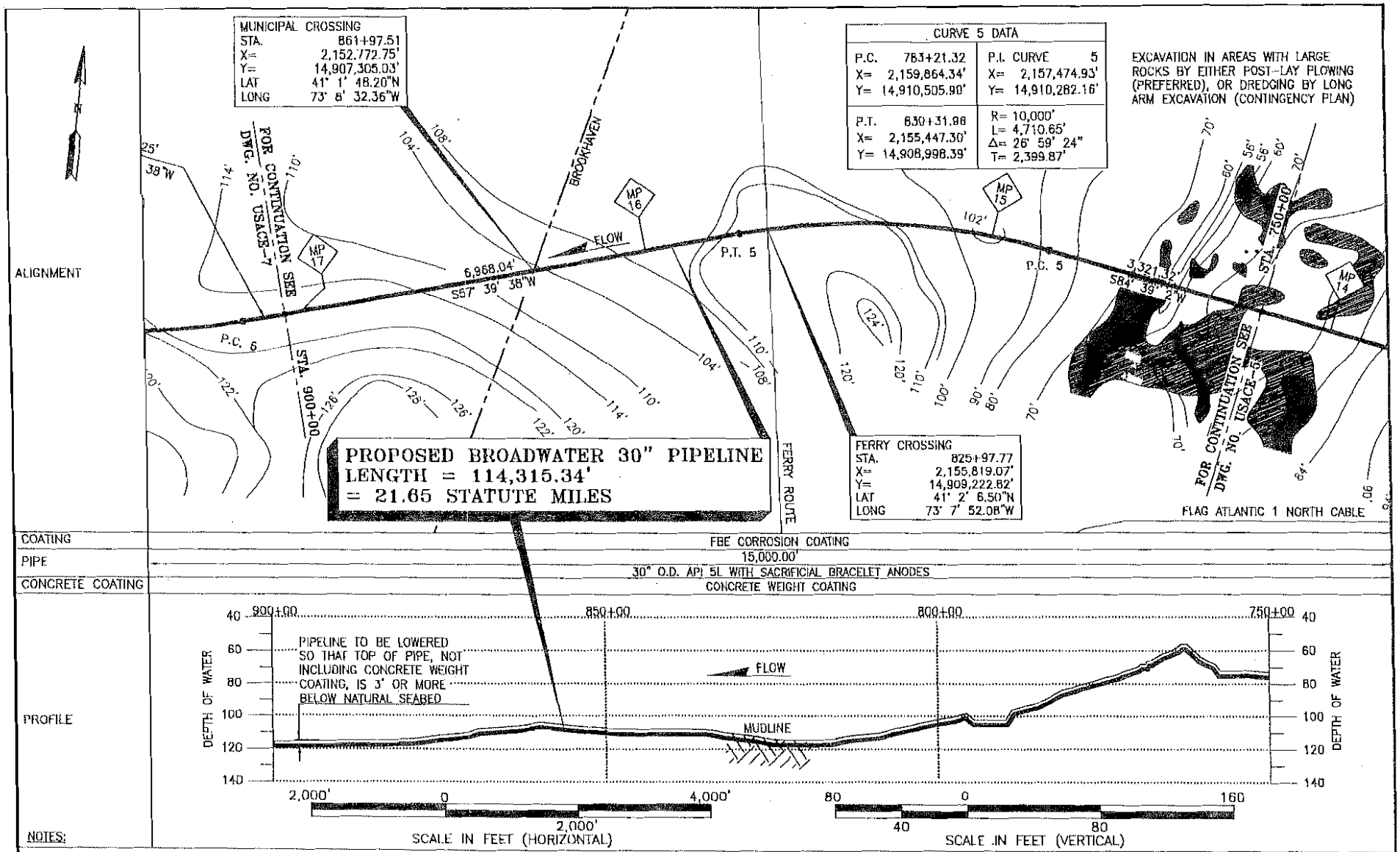
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3500 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
(504) 833-6321 Fax (504) 833-6960
www.projectconsulting.com

BROADWATER ENERGY
ALIGNMENT AND PROFILE
30" O.D. PIPELINE

DRAWN BY: J.E.F.	CHK'D. BY: J.H.R.
DATE: 5-15-06	APPRV. BY: J.H.R.
DWG. NO. USACE-5	REV B

11-08-06 10:03 05117 5 K.M.A.



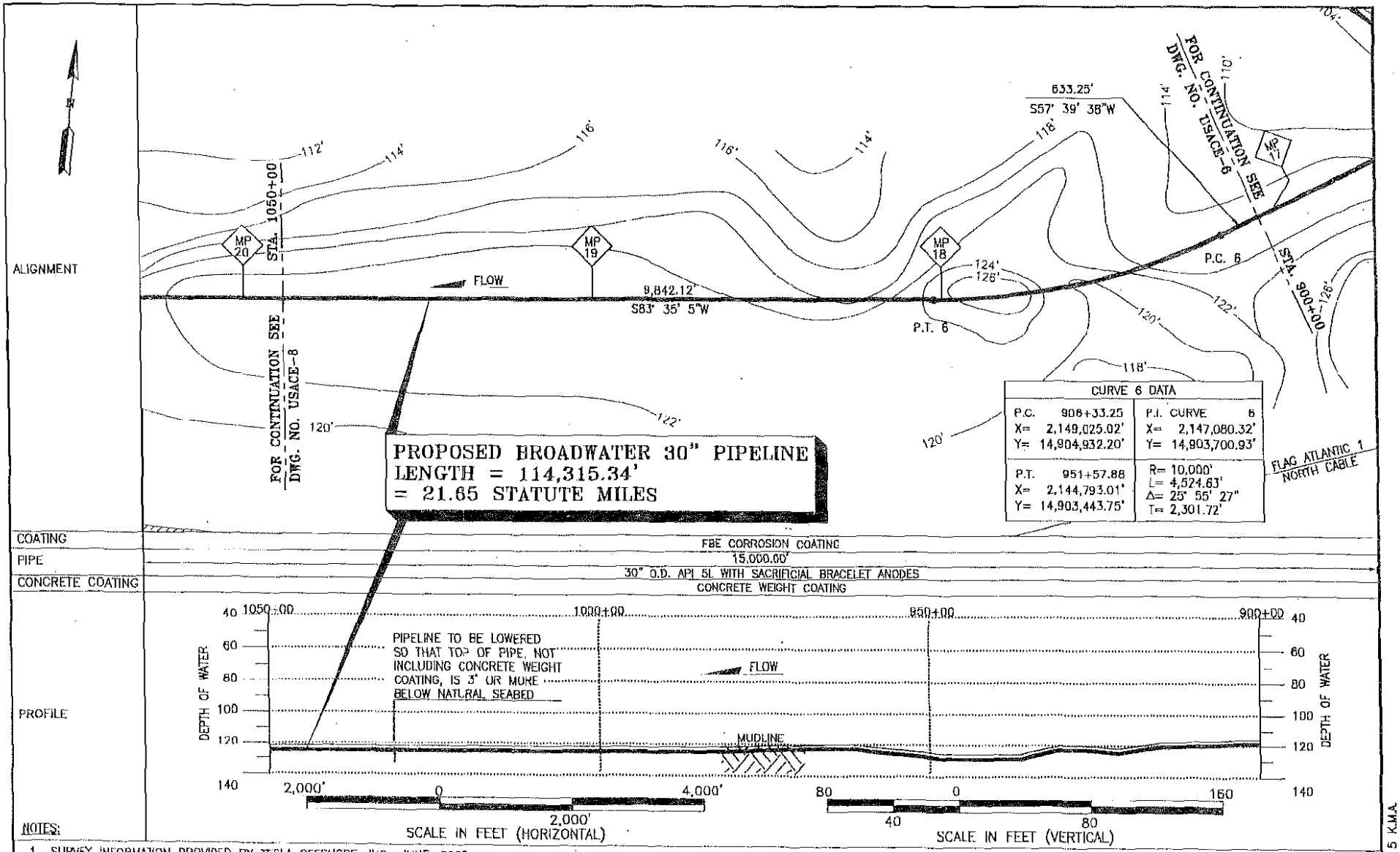
BROADWATER
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70003-7403
(504) 833-8021 Fax (504) 833-4940
www.projectconsulting.com

BROADWATER ENERGY
ALIGNMENT AND PROFILE
30" O.D. PIPELINE

DRAWN BY: J.E.F.	CHK'D. BY: J.H.R.
DATE: 5-15-06	APPRV. BY: J.H.R.
DWG. NO. USACE-6	REV B

11-08-06 10:04 05117 5 K.M.A.



NOTES:

1. SURVEY INFORMATION PROVIDED BY TESLA OFFSHORE, INC., JUNE, 2005.
2. GEODETIC INFORMATION BASED UPON UTM ZONE 18N (GRID UNITS IN FEET), GEODETIC DATUM: NAD 83 CLARKE SPHERIOD 1866.

LEGEND

LIGHTERING AREAS
IN-ACTIVE DUMPING GROUNDS
CABLE AREAS
LARGE ROCKS
GRAVEL
MILEPOST MP 19

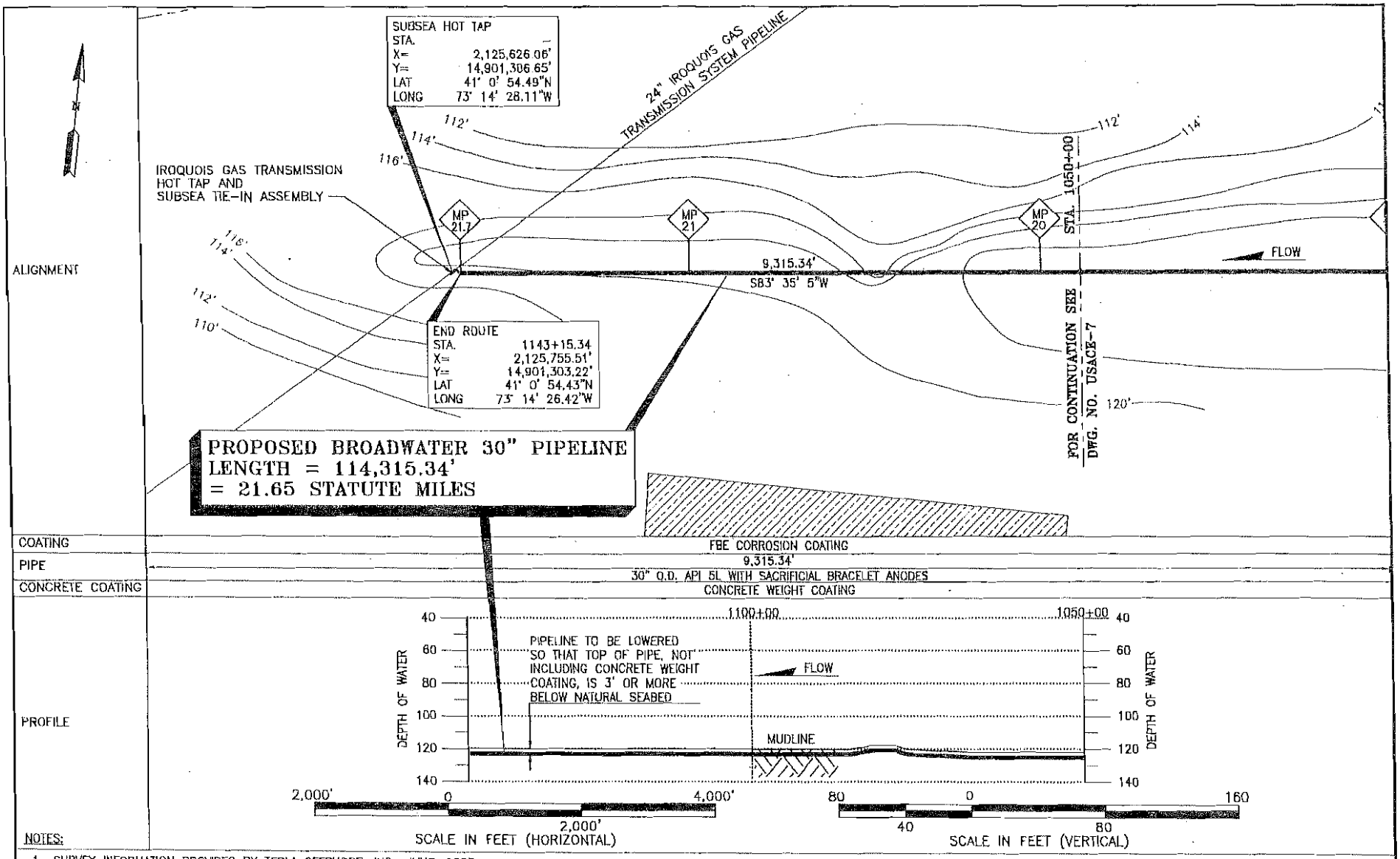
BROADWATER
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3360 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7400
(504) 888-3321 Fax (504) 833-4940
www.projectconsultingsvc.com

BROADWATER ENERGY
ALIGNMENT AND PROFILE
30" O.D. PIPELINE

DRAWN BY: J.E.F.	CHK'D. BY: J.H.R.
DATE: 5-15-06	APPRV. BY: J.H.R.
DWG. NO. USACE-7	REV B

11-08-06 10:05 05117 5 K.M.A.



NOTES:

1. SURVEY INFORMATION PROVIDED BY TESLA OFFSHORE, INC., JUNE, 2005.
2. GEODETIC INFORMATION BASED UPON UTM ZONE 18N (GRID UNITS IN FEET), GEODETIC DATUM: NAD 83 CLARKE SPHERIOD 1866.

LEGEND

LIGHTERING AREAS
IN-ACTIVE DUMPING GROUNDS
CABLE AREAS
LARGE ROCKS
GRAVEL
MILEPOST MP 19

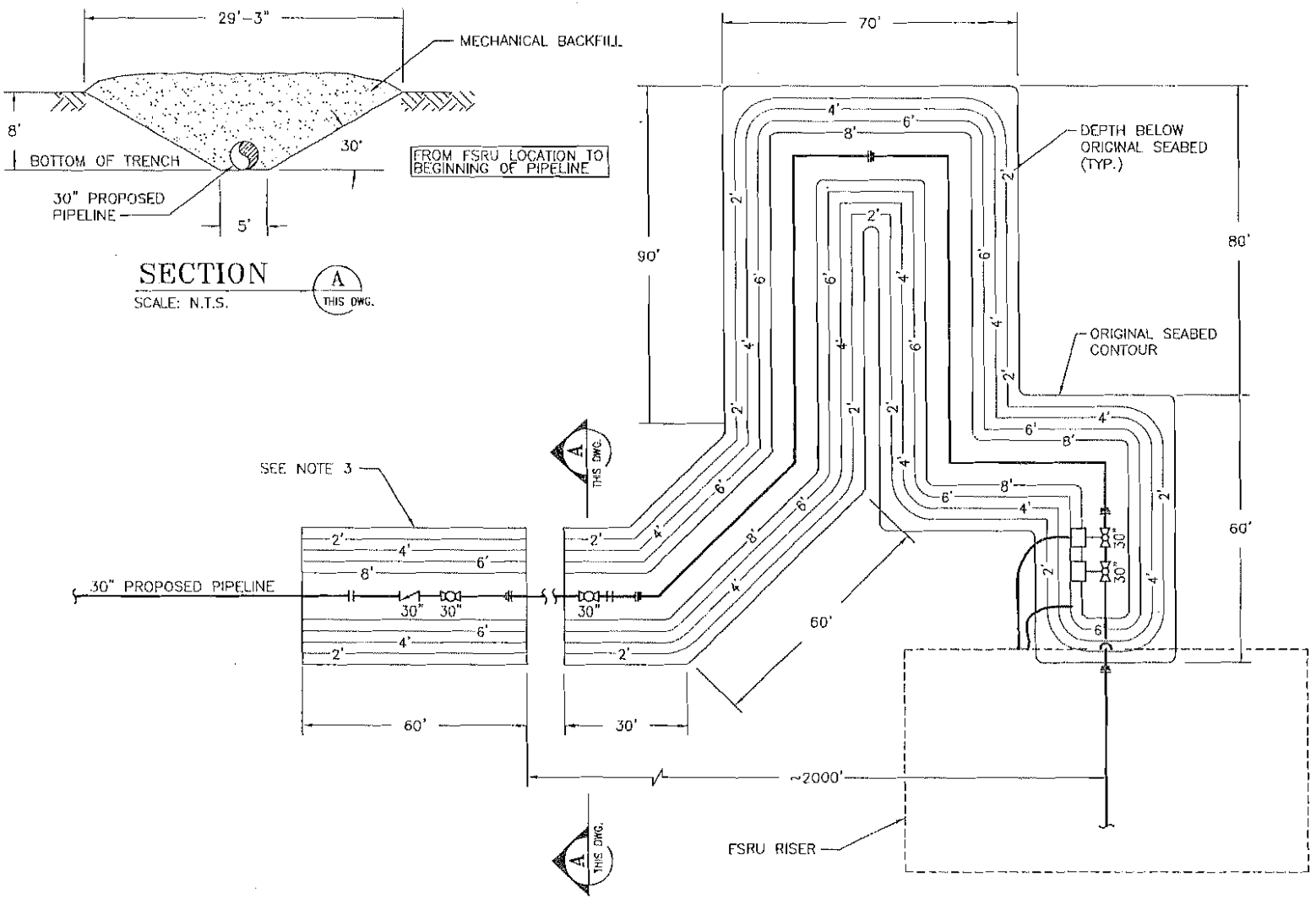
BROADWATER
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3200 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7408
(504) 888-8881 Fax (504) 889-6940
www.projectconsulting.com

BROADWATER ENERGY
ALIGNMENT AND PROFILE
30" O.D. PIPELINE

DRAWN BY: J.E.F.	CHK'D. BY: J.H.R.
DATE: 5-15-06	APPRV. BY: J.H.R.
DWG. NO. USACE-8	REV B

11-28-06 10:05 05117 E K.M.A.



FSRU SUBSEA TIE-IN SOIL EXCAVATION VOLUMES

SCALE: N.T.S.

NOTES:

1. TRENCH CROSS SECTIONAL AREA IS APPROXIMATELY 123 SQUARE FEET.
2. TRENCH VOLUME IS APPROXIMATELY 44,550 CUBIC FEET ≈ 1,650 CU YARDS.
3. TRENCH VOLUME FOR CHECK AND ISOLATION VALVE SPOOL IS APPROXIMATELY 7,200 CUBIC FEET ≈ 270 CU YARDS.
4. SURFACE AREA OF TOP LAYER IS APPROXIMATELY 0.2426 ACRES FOR THE EXPANSION SPOOL AND 0.0403 ACRES FOR THE CHECK AND ISOLATION VALVE.

ISSUED FOR CONSTRUCTION PLANNING PURPOSES

BROADWATER

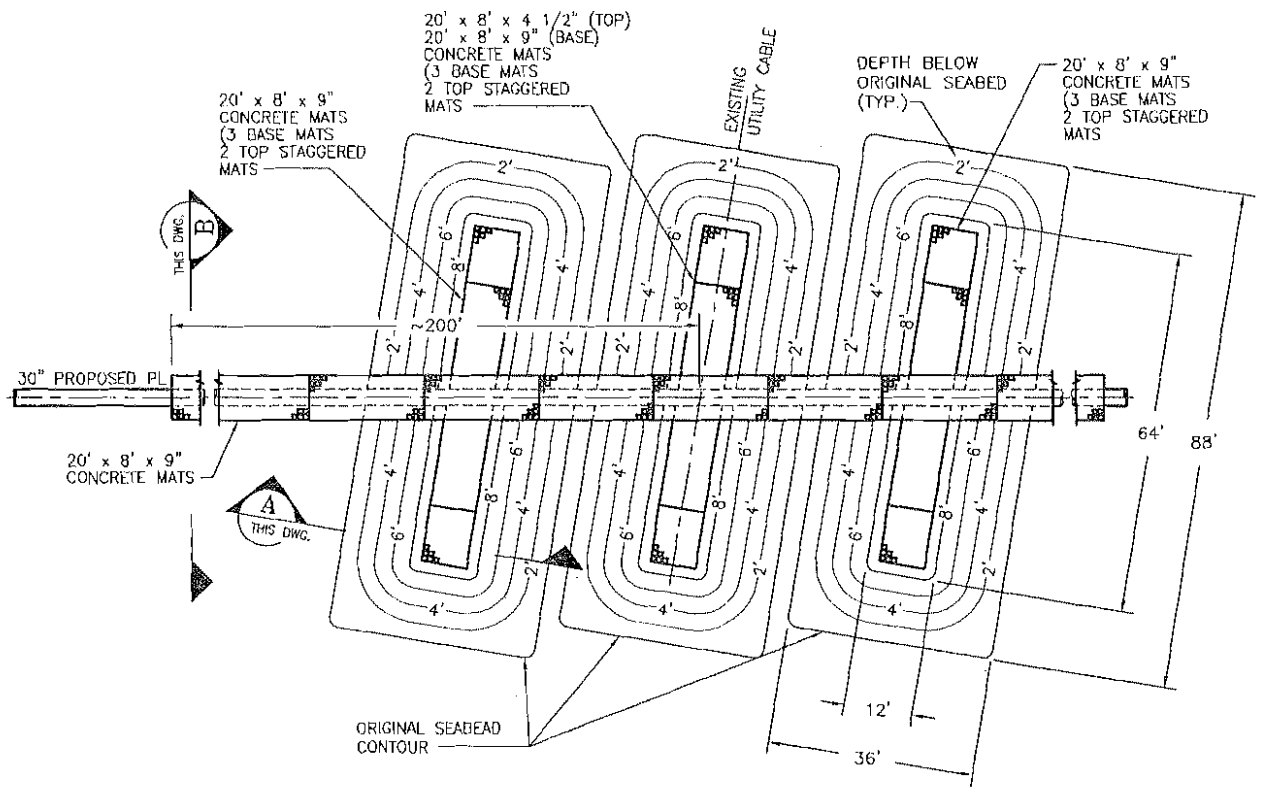
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7400
(504) 833-5321 Fax (504) 833-4840
www.projectconsulting.com

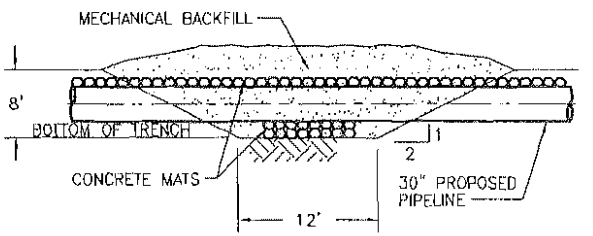
FSRU SUBSEA TIE-IN SOIL EXCAVATION VOLUMES

DRAWN BY: S.E.M.	CHK'D. BY: J.H.R.
DATE: 7-5-05	APPRV. BY: T.O.
DWG. NO. 05032-055	REV F

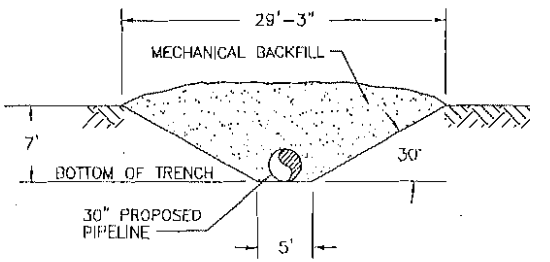
11-03-06 10:21 05117 16 K.M.A.



OCCURS AT THE AT&T AND CROSS SOUND CABLE CROSSINGS



SECTION A THIS DWG.
SCALE: N.T.S.



SECTION B THIS DWG.
SCALE: N.T.S.

FOREIGN UTILITY CROSSING SOIL EXCAVATION VOLUMES

SCALE: N.T.S.

NOTES:

1. PIT VOLUME = 11,232 CU. FT. = 416.00 CU. YARDS
2. 2 CROSSINGS WITH 3 PITS PER CROSSING AT&T AND CROSS SOUND
   2 x 3 x 416 YD^3 ≈ 2,500 YD^3 FOR CABLE CROSSINGS
3. TRENCH CROSS SECTIONAL AREA IS APPROXIMATELY 120 SQUARE FEET.
4. TRENCH VOLUME FOR CROSSING TRANSITION IS APPROXIMATELY 2 x 200' x 120 FT^2 = 48,000 FT^3 = 1,778 YD^3/CROSSING.
   THERE ARE 2 CROSSINGS THAT PROVIDE A TOTAL TRENCH VOLUME OF APPROXIMATELY 3,556 YD^3
5. SURFACE AREA OF TOP LAYER IS APPROXIMATELY 0.829 ACRES (FOR BOTH CROSSINGS).

ISSUED FOR CONSTRUCTION
PLANNING PURPOSES

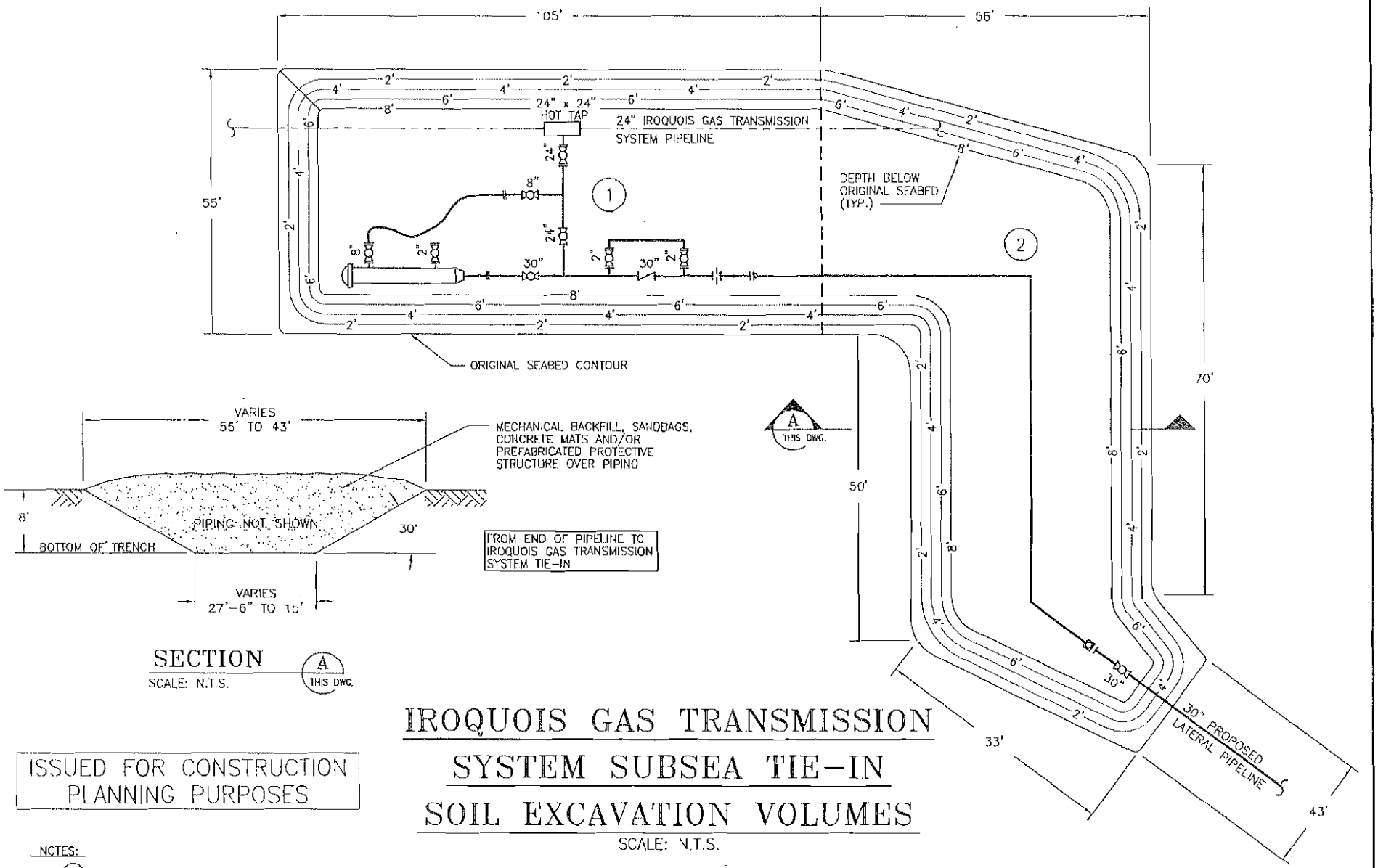
BROADWATER
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

TYPICAL FOREIGN UTILITY CROSSING
SOIL EXCAVATION VOLUMES

DRAWN BY: S.E.M.	CHK'D. BY: J.H.R.
DATE: 7-6-05	APPRV. BY: T.O.
DWG. NO. 05032-054	REV F

11-08-06 14:14 05032 15 K.M.A.



IROQUOIS GAS TRANSMISSION
SYSTEM SUBSEA TIE-IN
SOIL EXCAVATION VOLUMES

SCALE: N.T.S.

ISSUED FOR CONSTRUCTION
PLANNING PURPOSES

NOTES:

1. PIT (1) VOLUME IS APPROXIMATELY 31,887 CUBIC FEET ≈ 1,200 CUBIC YARDS.
2. PIT (2) VOLUME IS APPROXIMATELY 30,800 CUBIC FEET ≈ 1,140 CUBIG YARDS.
3. SURFACE AREA OF TOP LAYER IS APPROXIMATELY 0.2581 ACRES.

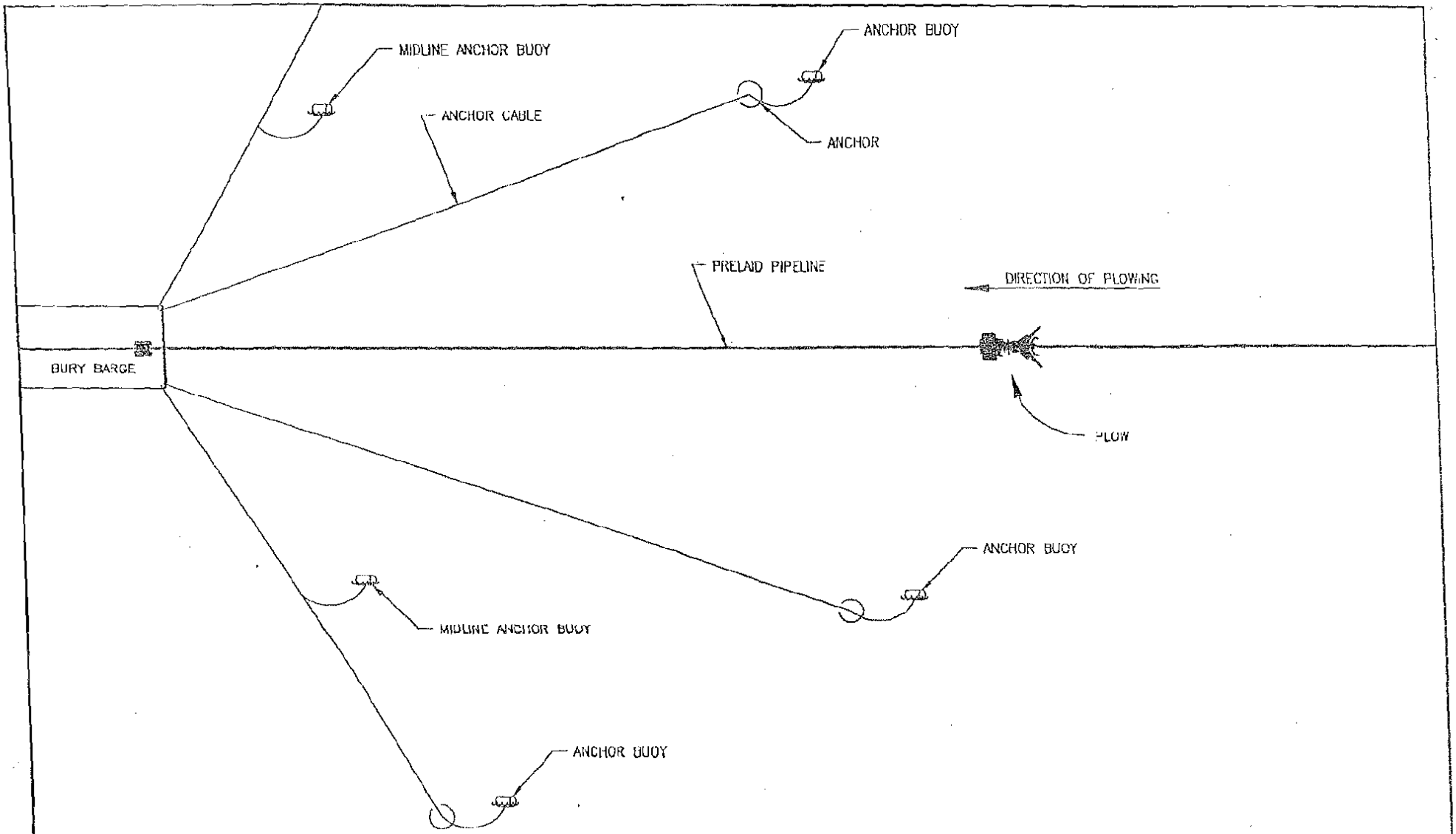
BROADWATER
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3900 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

IGTS HOT TAP,
PIG RECEIVER & SUBSEA TIE-IN
SOIL EXCAVATION VOLUMES

DRAWN BY: S.E.M.	CHK'D. BY: J.H.R.
DATE: 7-6-05	APPRV. BY: T.O.
DWG. NO. 05032-056	REV F

11-08-06 10:26 05032 12 K.M.A.



PLAN

SCALE: N.T.S.

ISSUED FOR CONSTRUCTION
PLANNING PURPOSES

BROADWATER

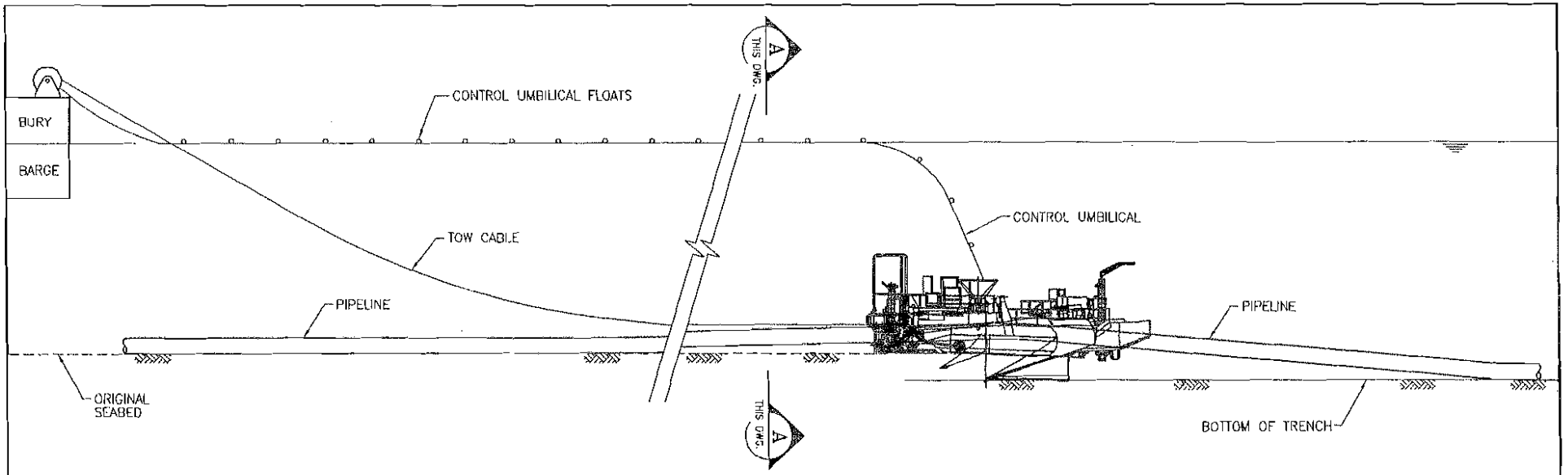
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
6500 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70003-7405
(504) 833-6881 Fax (504) 833-4040
www.projectconsulting.com

TYPICAL
BARGE AND PLOW
PIPE DITCH TRENCHING (1 OF 2)

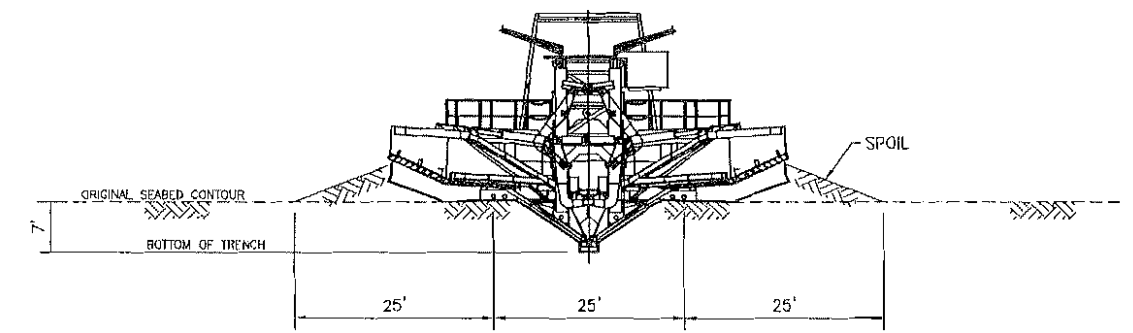
DRAWN BY: J.E.F.	CHK'D. BY: J.H.R.
DATE: 4-13-05	APPRV. BY: T.O.
DWG. NO. 05032-018	REV C

06-14-06 9:17 05032 G J.E.F.



PROFILE

SCALE: N.T.S.



SECTION

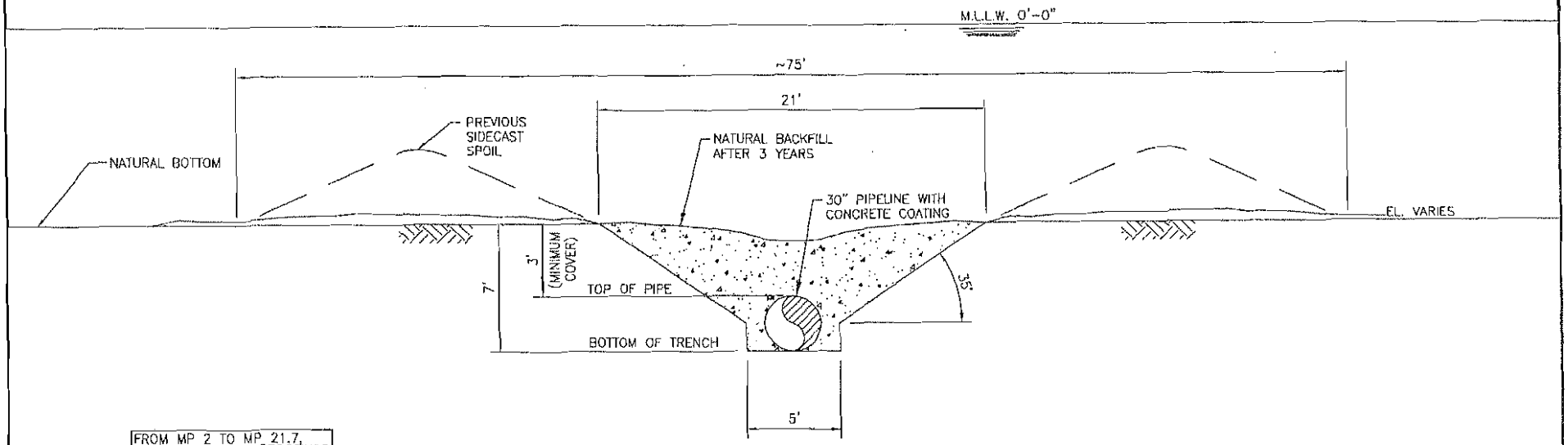
SCALE: N.T.S.

A THIS DWG.

ISSUED FOR CONSTRUCTION
PLANNING PURPOSES

BROADWATER ENERGY	PROJECT CONSULTING SERVICES, INC. 3300 WEST ESPLANADE AVE., S., SUITE 500 METAIRIE, LA 70002-7408 (504) 833-5321 Fax (504) 833-4940 www.projectconsulting.com	TYPICAL BARGE AND PLOW PIPE DITCH TRENCHING (2 OF 2)	DRAWN BY: J.E.F. / CHK'D. BY: J.H.R. / DATE: 4-13-05 / APPRV. BY: T.O. / DWG. NO. 05032-019 / REV D

11-08-06 14:16 05032 11 K.M.A.



FROM MP 2 TO MP 21.7, EXCLUDING CABLE CROSSINGS

TYPICAL SUBSEA PIPE DITCH BY TOWED PLOW METHOD (3 TO 4 FT. OF COVER)

SCALE: N.T.S.

NOTES:

1. TRENCH CROSS SECTIONAL AREA IS APPROXIMATELY 79 SQUARE FEET.
2. TRENCH VOLUME FOR 19.7 MILES IS APPROXIMATELY 304,500 CUBIC YARDS.
3. ANTICIPATED NATURAL BACKFILLING AFTER 3 YEARS FROM INSTALLATION BASED ON NOVEMBER 2005 REPORT PREPARED BY HDR/LMS FOR BROADWATER.

ISSUED FOR CONSTRUCTION PLANNING PURPOSES

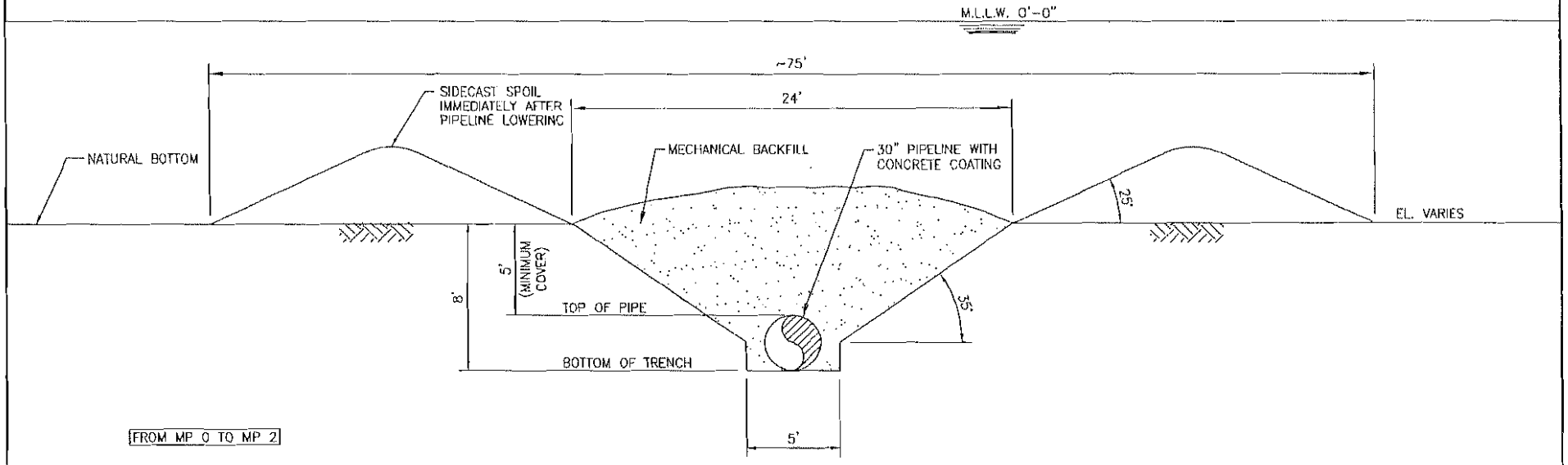
BROADWATER
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3500 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

TYPICAL
TOWED PLOW SECTION
(3 TO 4 FT. OF COVER)

DRAWN BY: S.E.M.	CHK'D. BY: J.H.R.
DATE: 6-28-05	APPRV. BY: T.O.
DWG. NO. 05032-051	REV E

11-07-06 14:04 05032 9 K.M.A.



TYPICAL SUBSEA PIPE DITCH

BY TOWED PLOW METHOD

(5 FT. OF COVER)

SCALE: N.T.S.

NOTES:

1. TRENCH CROSS SECTIONAL AREA IS APPROXIMATELY 101 SQUARE FEET.
2. TRENCH VOLUME FOR 2 MILES IS APPROXIMATELY 39,500 CUBIC YARDS.

ISSUED FOR CONSTRUCTION
PLANNING PURPOSES

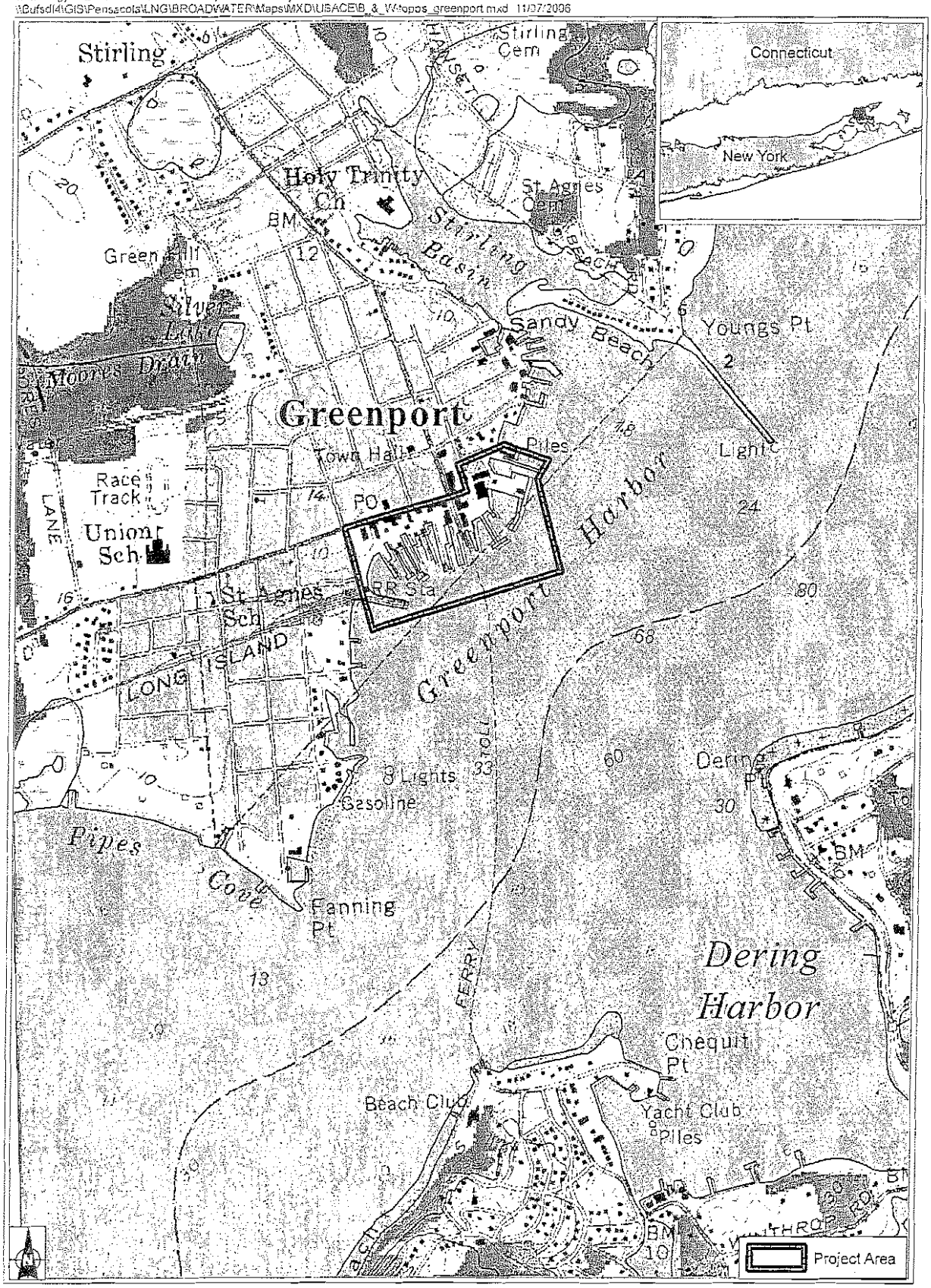
BROADWATER
BROADWATER ENERGY

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

TYPICAL
TOWED PLOW SECTION
(5 FT. OF COVER)

DRAWN BY: G.J.D.	CHK'D. BY: J.H.R.
DATE: 8-12-05	APPRV. BY: T.O.
DWG. NO. 05032-060	REV C

11-07-06 14:01 05032 B K.M.A.

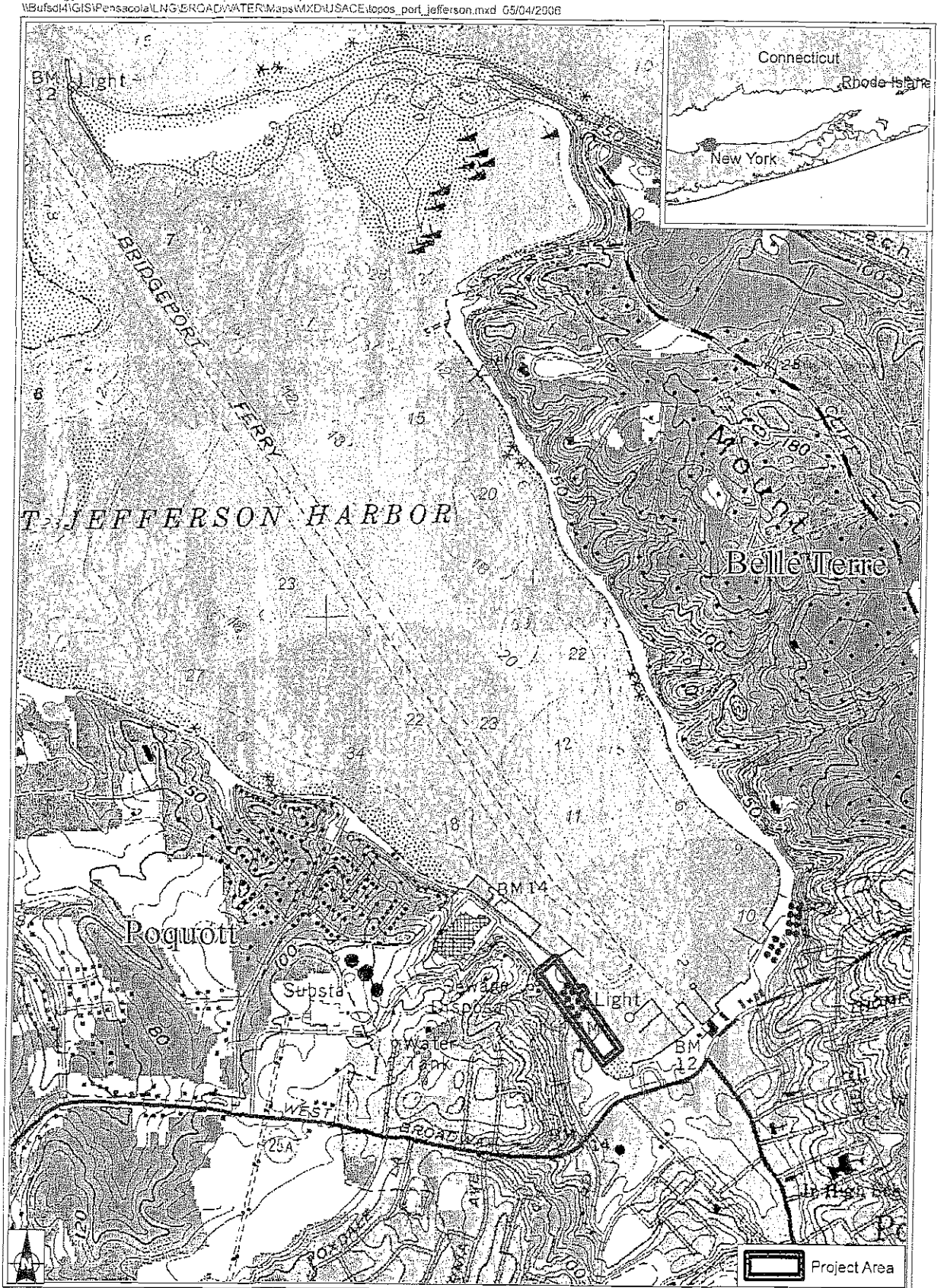


Source: USGS Greenport, 1956.
Southold, 1956.

0 0.1 0.2 0.4
Miles

Proposed Onshore Facility Location
Greenport, New York

Application # 2006-00265 Sheet 21/22



Source: USGS Port Jefferson, 1967

0 0.125 0.25 0.5
Miles

Proposed Onshore Facility Location
Port Jefferson, New York

Application # 2006-00265 Sheet 22/22