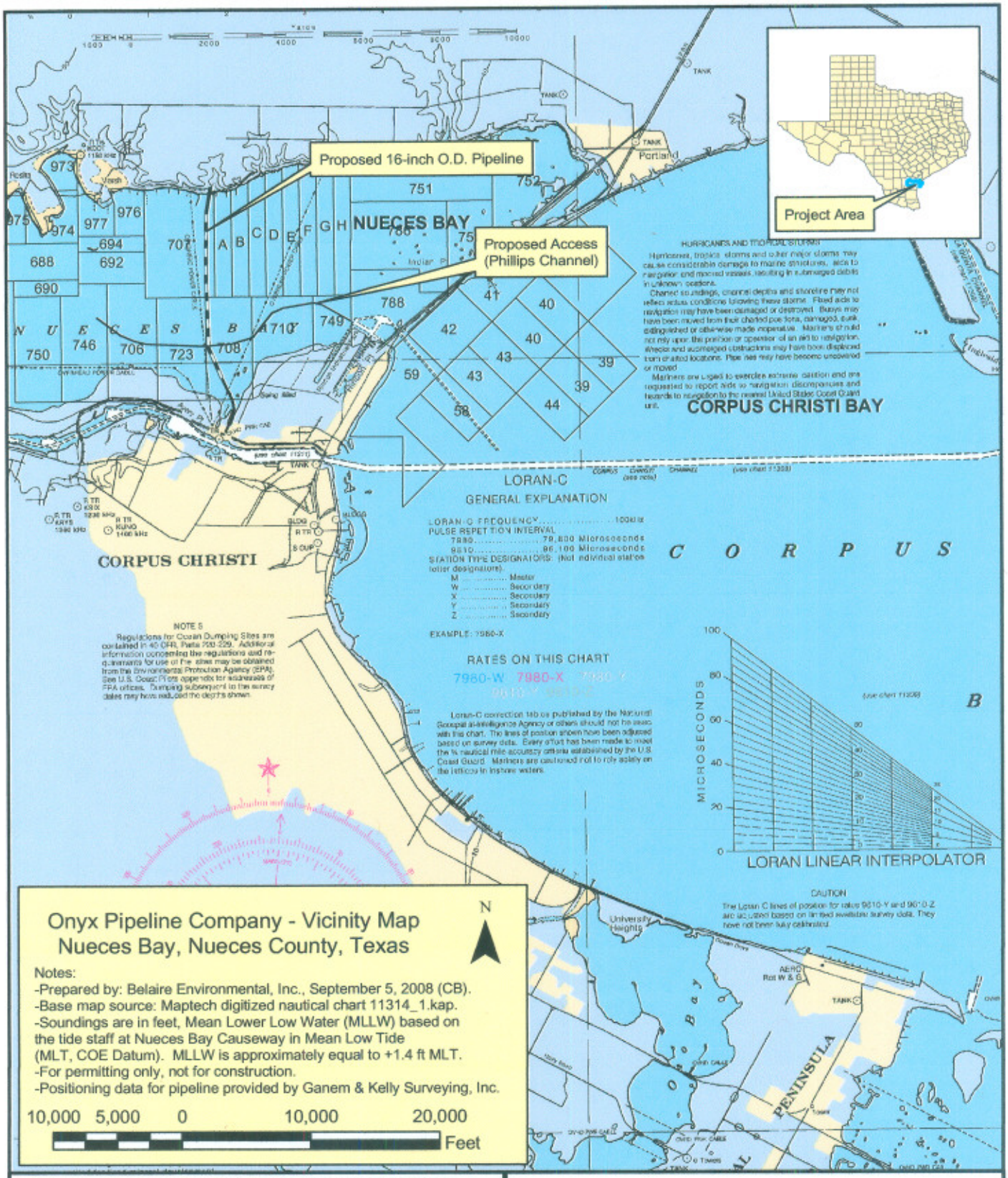

PROPOSED 16" O.D. PIPELINE CROSSING NUECES BAY
STATE TRACT NUMBERS 707 & 708 UNDER NWP 12,
NUECES BAY, NUECES COUNTY, TEXAS

Onyx Pipeline Company
802 N. Carancahua, Suite 575
Corpus Christi, Texas 78470

Agent:

BELAIRE ENVIRONMENTAL, INC.
P.O. Box 741 Rockport, TX 78382

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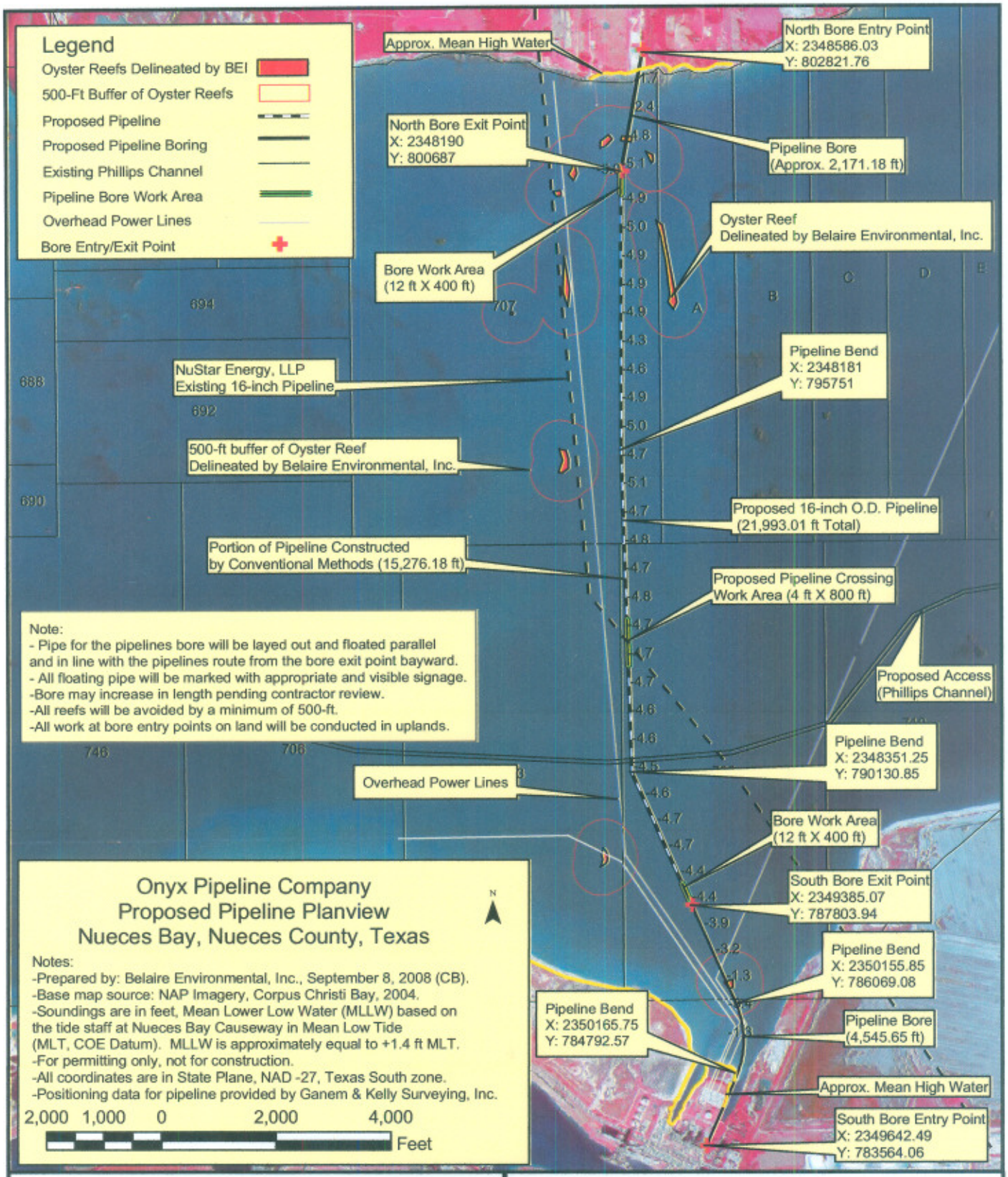

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Resource Management Codes
by State Tract

ST 707: (Nueces)	CA, CF, DA, DB, DD, MA, ME, MG, MR, OH, OM
ST 708: (Nueces)	CA, DB, DD, MA, ME

Resource Management Code Definitions

CA - Use existing channels only.
CF - CF - Vehicular access methods must be designed to avoid or minimize impacts on areas containing emergent marsh, submerged grassbeds or sand, mud, or algal flats.
DA - No dredging on this tract.
DB - No dredging in water less than 4 feet deep as measured from mean low water.
DD - DD - No dredging to a depth exceeding 6 feet as measured from mean low water.
MA - No special recommendations.
ME - Avoid marshes and other sensitive resource areas.
MG - MG - Avoid submerged aquatic vegetation.
MR - Special methods may be necessary to reduce turbidity resulting from construction activities.
OH - Drill only from water deeper than 6 feet as measured from mean low water, or from land above mean high water.
OM - Avoid dredging, dredged material disposal, geophysical surveying, drilling, and pipeline and platform construction on the top or slopes of reefs, banks, hard bottoms, artificial reefs, historic reefs, serpulid reefs, or constructed reefs on this tract.

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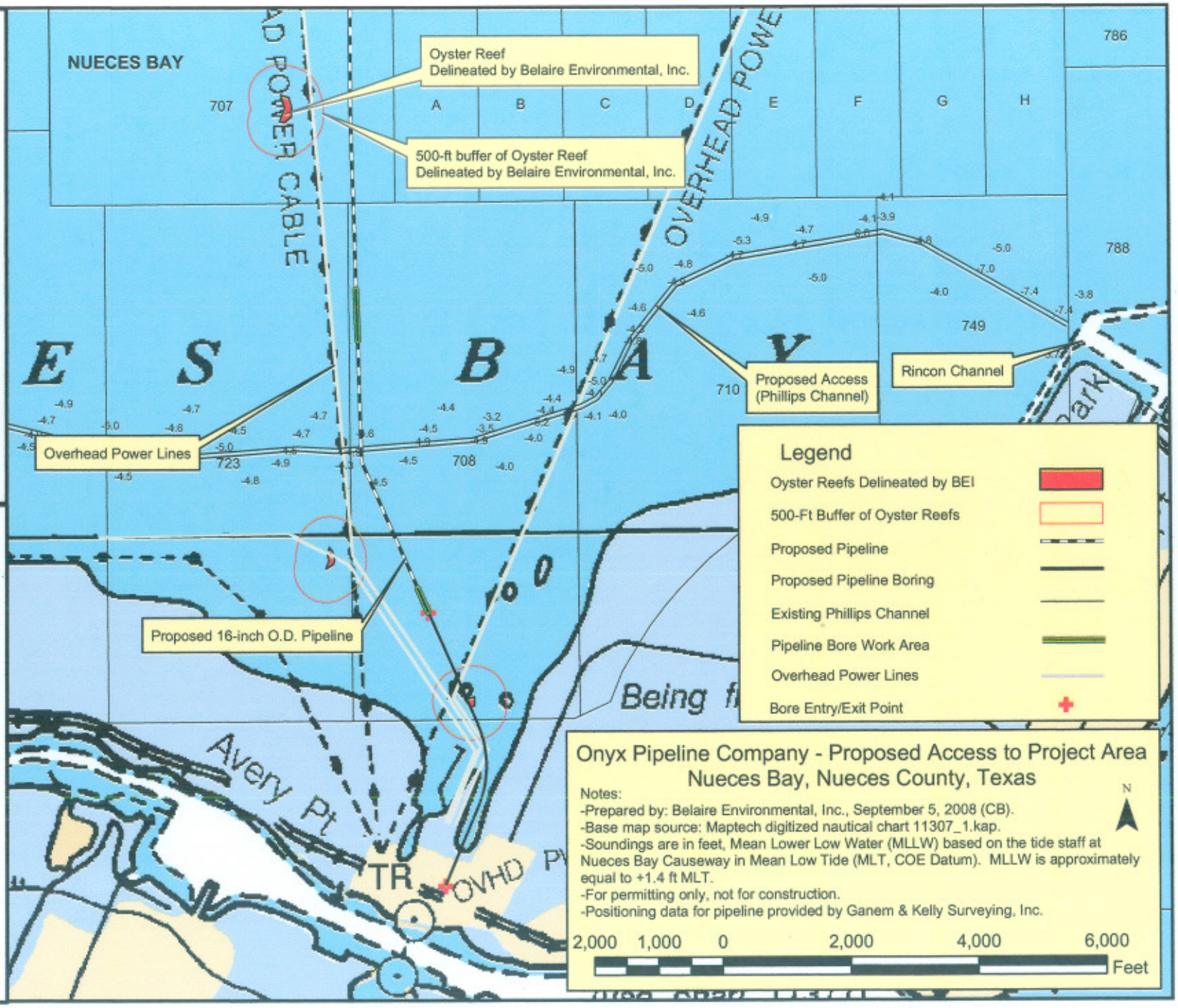

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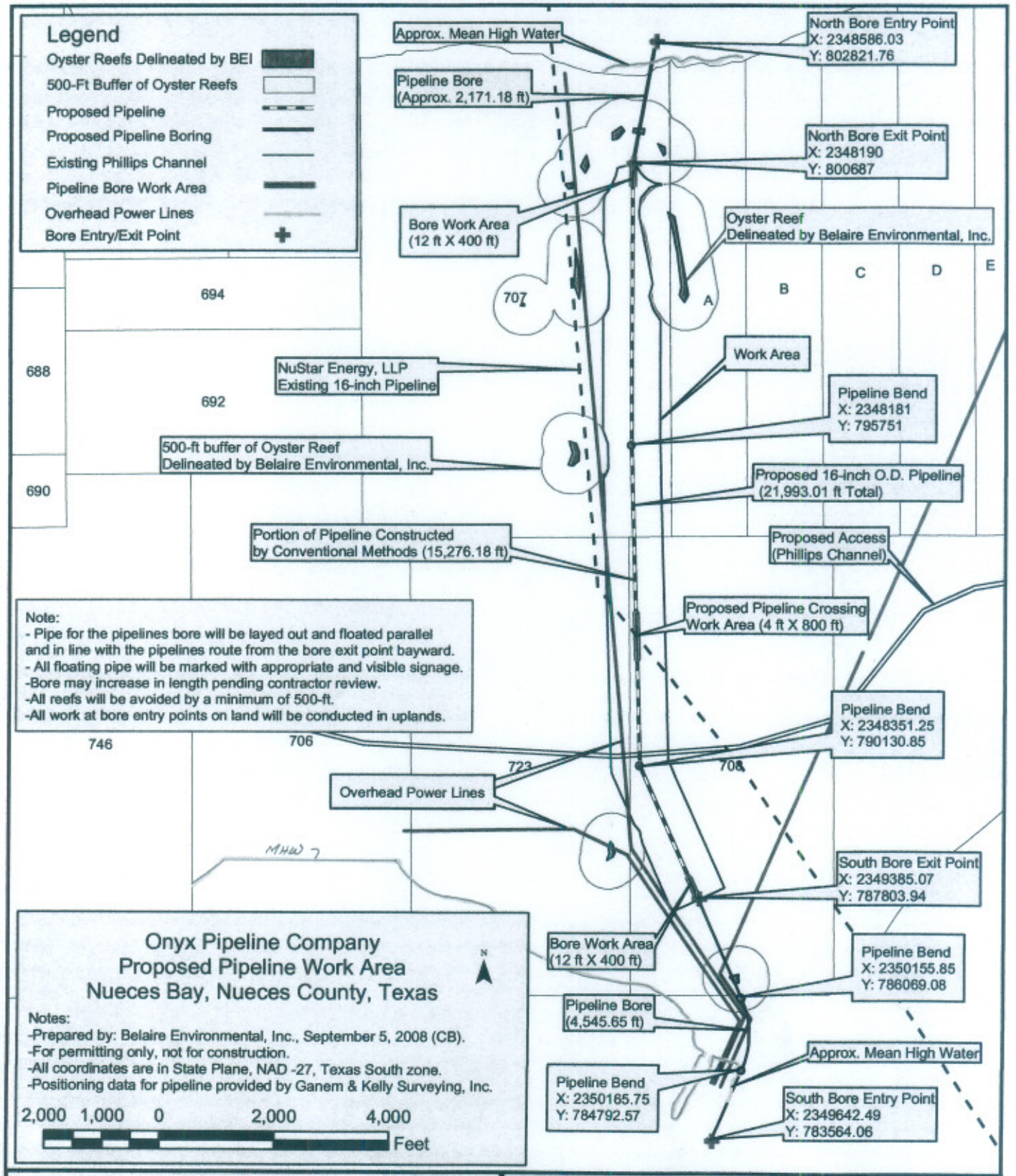

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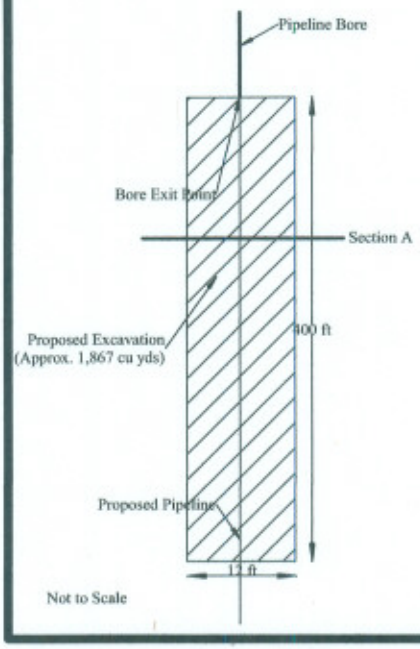
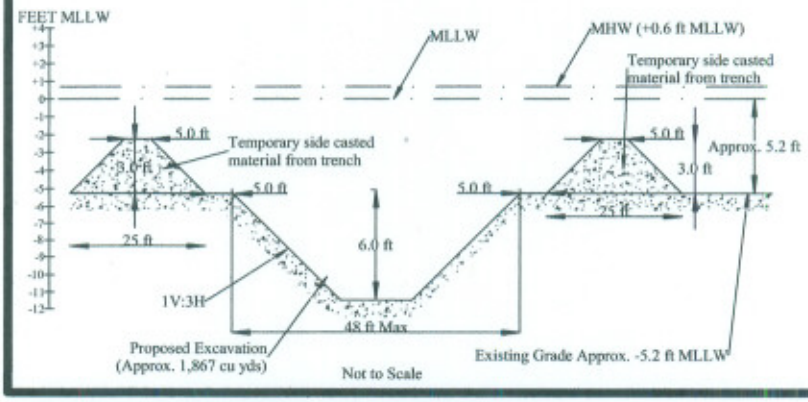
Plan View: Typical Excavation at Bore Exit



Section A: Typical Excavation at Bore Exit



Notes:
- Elevation estimates in Mean Lower Low Water (MLLW) using the Nueces Bay Causeway Tide staff in feet Mean Low Tide (MLT, COE Datum). MLLW is approximately equal to +1.4 ft MLT. Mean High Water is approximately equal to +0.6 ft MLLW.
- For permitting only, not for construction.
- Prepared by Belaire Environmental, Inc. September 5, 2008 (CB)

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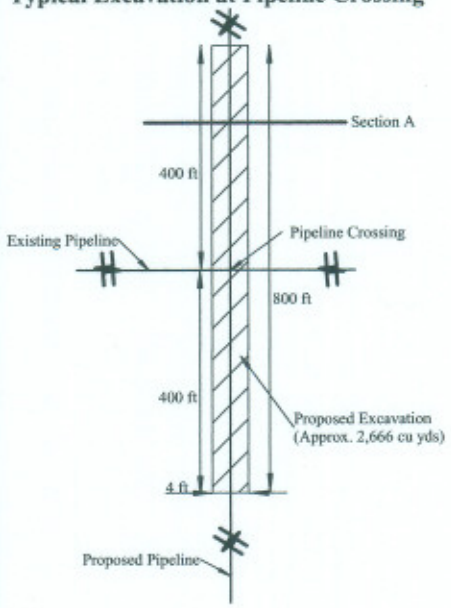
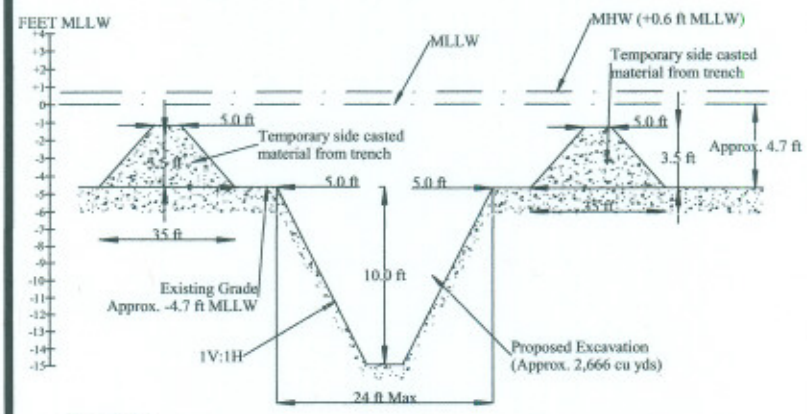
Plan View:
Typical Excavation at Pipeline Crossing



Not to Scale

Section A: Typical Excavation at Pipeline Crossing



Not to Scale

Notes:
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- For permitting only, not for construction.
- Prepared by Belaire Environmental, Inc. September 8, 2008 (CB)

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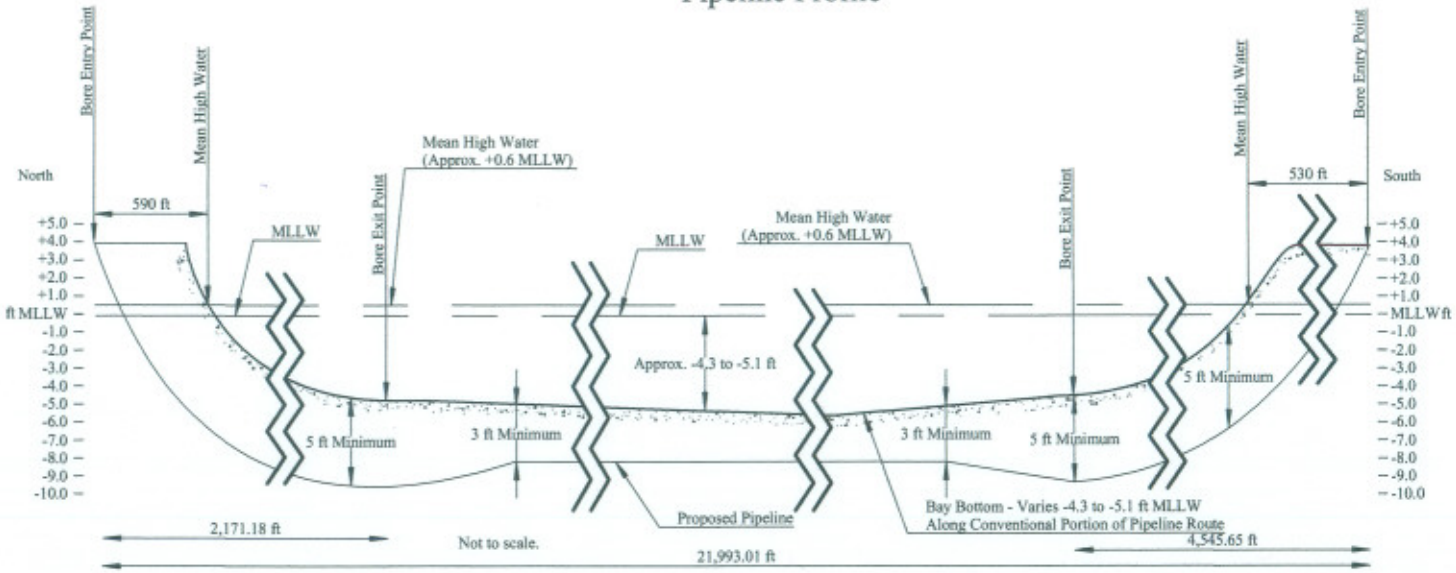
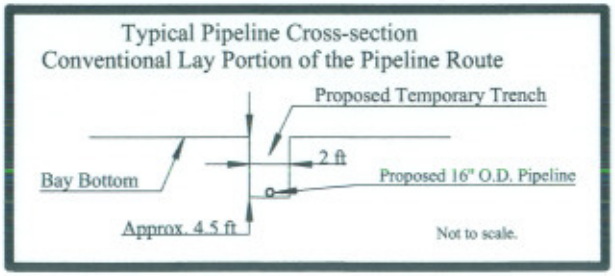
Pipeline Profile





Notes: Approx. 5,092 cu. yds. of bay bottom material will be displaced during pipeline installation.

Pipeline is to be buried a minimum of 3 feet by disking, plowing, or jetting so as to cause a minimum of disturbance to the bottom of the bay.

For permitting only, not for construction.

Soundings are in feet, Mean Lower Low Water (MLLW) based on the tide staff at Nueces Bay Causeway in Mean Low Tide (MLT, COE Datum).

MLLW is approximately equal to +1.4 ft MLT.
MHW is approximately equal to +0.6 ft MLLW.

Agent:

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