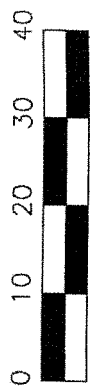


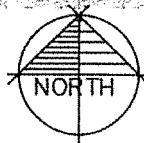
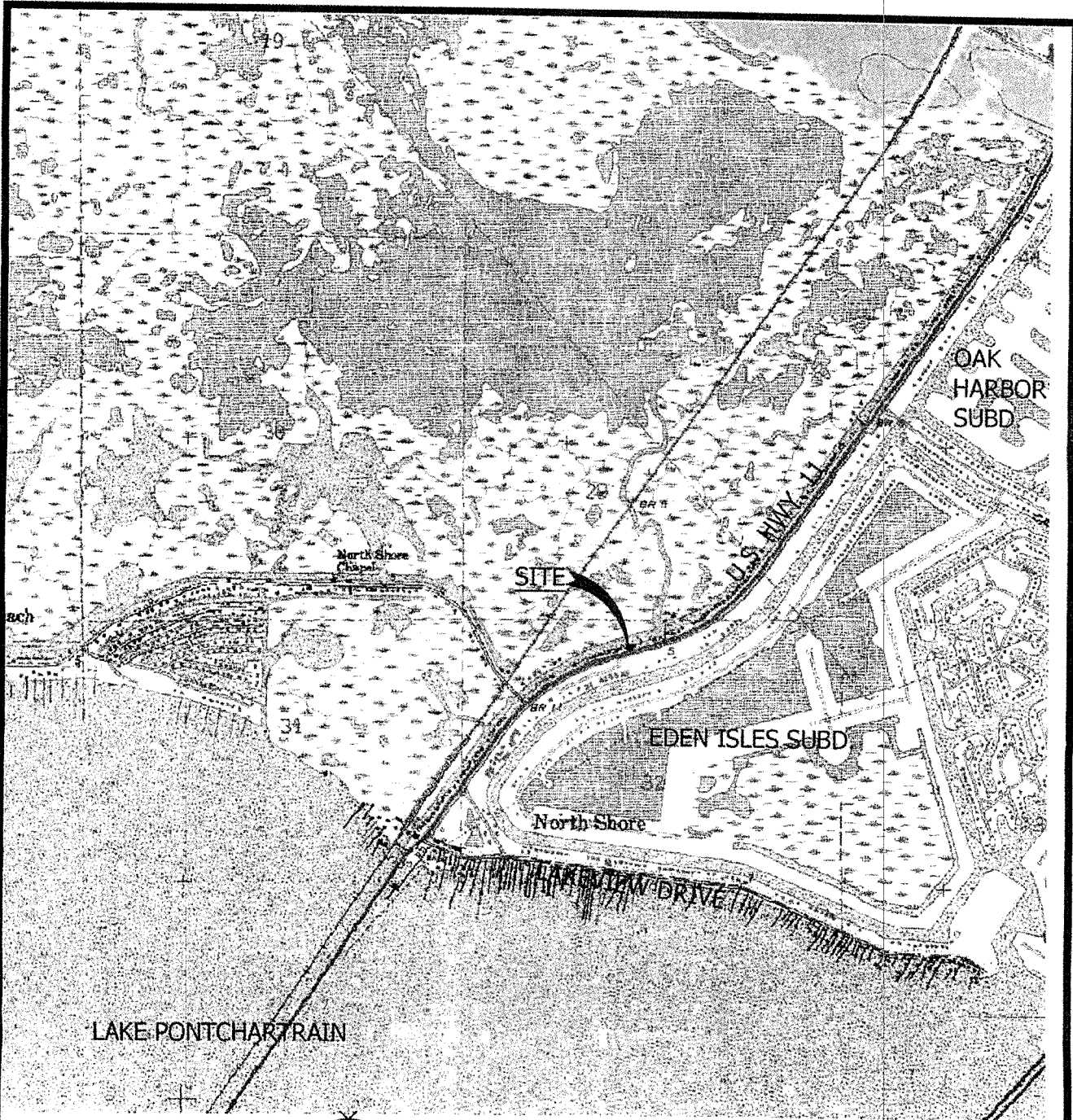
1 CROSS SECTION A - A'

PROJECT:
 PROPOSED PILING FOUNDATION AND BULKHEAD ON LOTS 33 & 34, DUBUISSON TRACT SITUATED IN SECTION 32,
 TOWNSHIP 9 SOUTH, RANGE 14 EAST, ST. TAMMANY PARISH, LOUISIANA FOR FELIX & BARBARA BOPP

Scalfano
 ENGINEERING, INC.

28661 Krentel Road, Lacombe, Louisiana 70445
 Ph.: (985) 882-6363-Fax (985) 882-6322
 Email: david@northlake-eng.net





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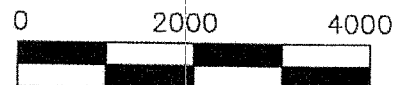
VICINITY MAP

PROJECT:

PROPOSED PILING FOUNDATION AND BULKHEAD ON LOTS 33 & 34, DUBUISSON TRACT SITUATED IN SECTION 32, TOWNSHIP 9 SOUTH, RANGE 14 EAST, ST. TAMMANY PARISH, LOUISIANA FOR FELIX & BARBARA BOPP

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Plats

(Felix Bopp)

Notes to be added to permit plats

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, LA 70804, and to the Louisiana Department of Natural Resources, Coastal Management Division, P. O. Box 44487, Baton Rouge, LA 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.
5. Fill Summary (CY rounded to nearest multiple of 5.)

Dry = 30 CY = 10' x 62.4' x 1.4' average depth = 874 cu ft
Wet = 170 CY = 10' x 62.4' x 7.25' average depth = 4,524 cu ft
Total fill = 200 CY

Dry fill depth ranges from 0 ft to 2.8 ft.
Wet fill depth ranges from 7 ft to 7.5 ft.
6. This project will not use any gravel. There is no driveway, no concrete.