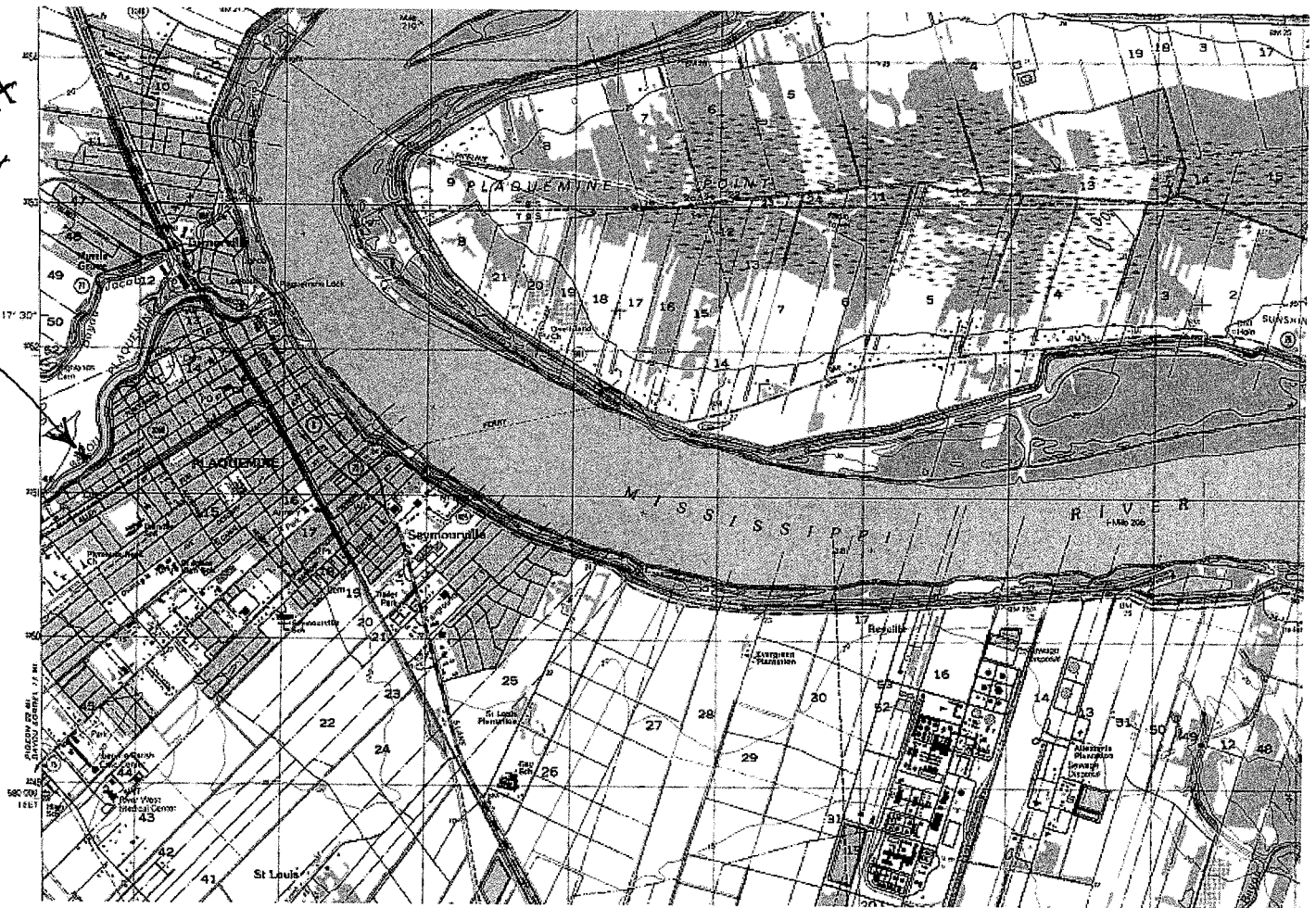


Project
Site



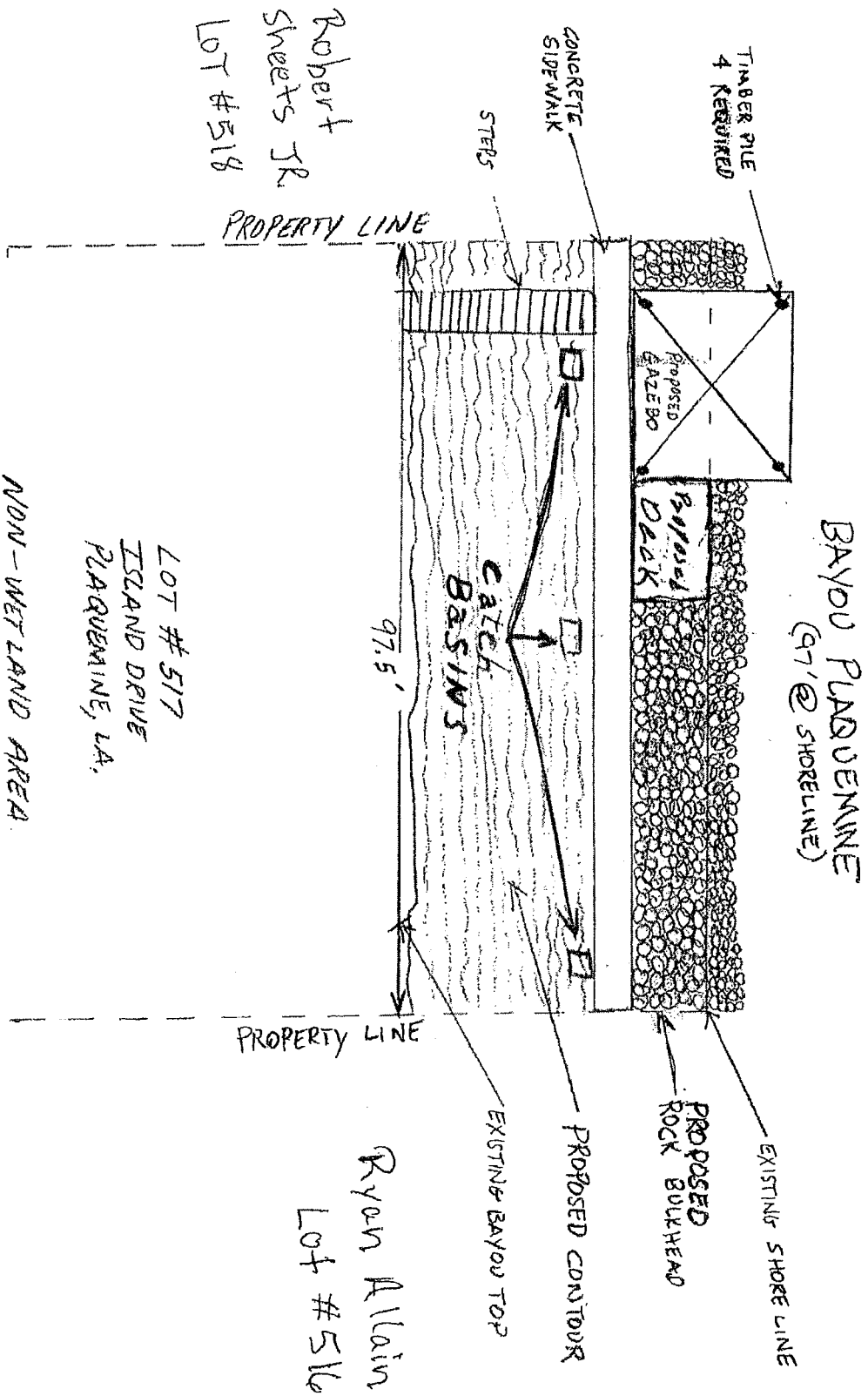
PLAQUEMINE
LA.

LAT: 30.28266
LONG: -91.2473

PROPOSED BULKHEAD
BAYOU PLAQUEMINE
PLAQUEMINE, LA.

BY CHARLES BUTOL

PLAN VIEW

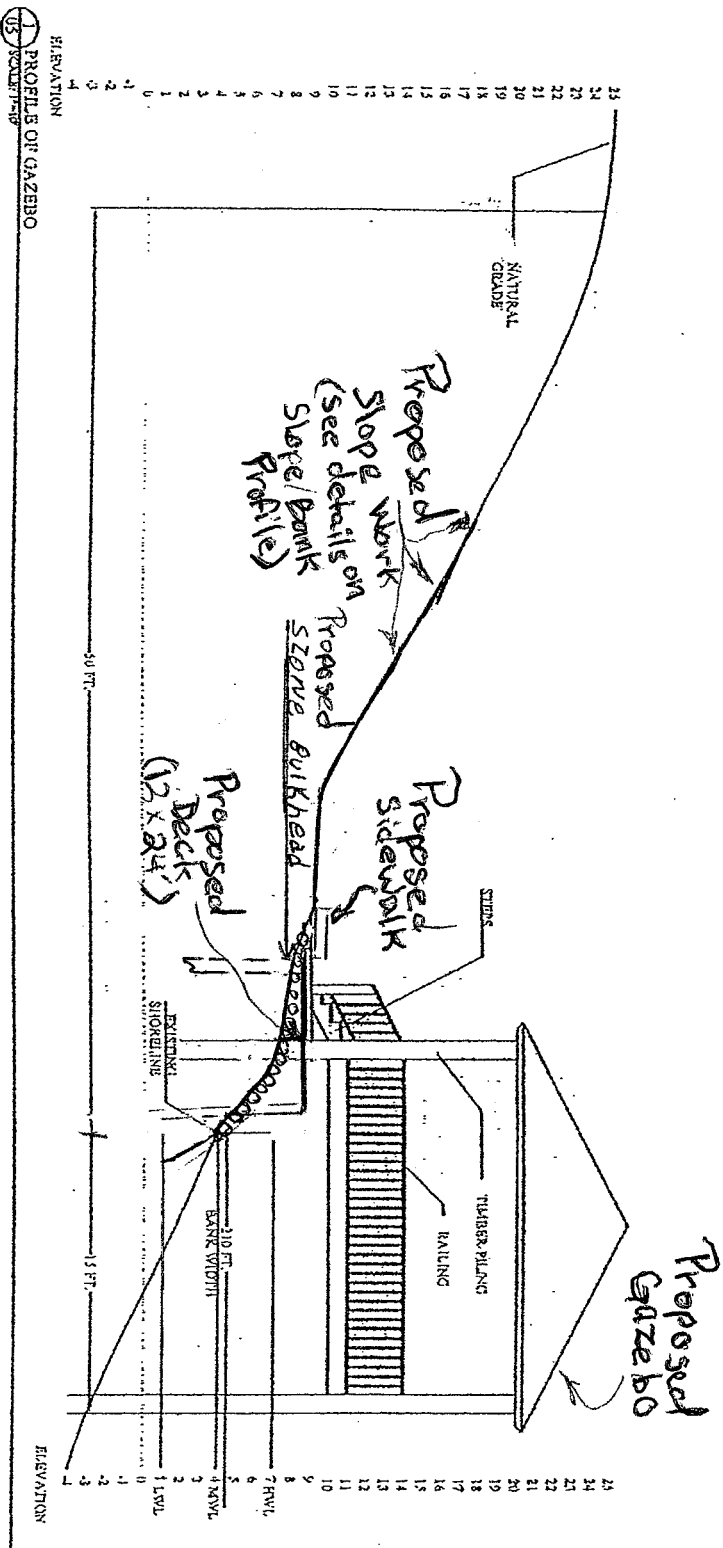


GENERAL NOTES

1. FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION.
2. ELEVATIONS SHOWN BASED ON NAVD 83.

GAZEBO PROFILE

185' to opp bank →



Bayou
Plaquemine

Slope and Bank work

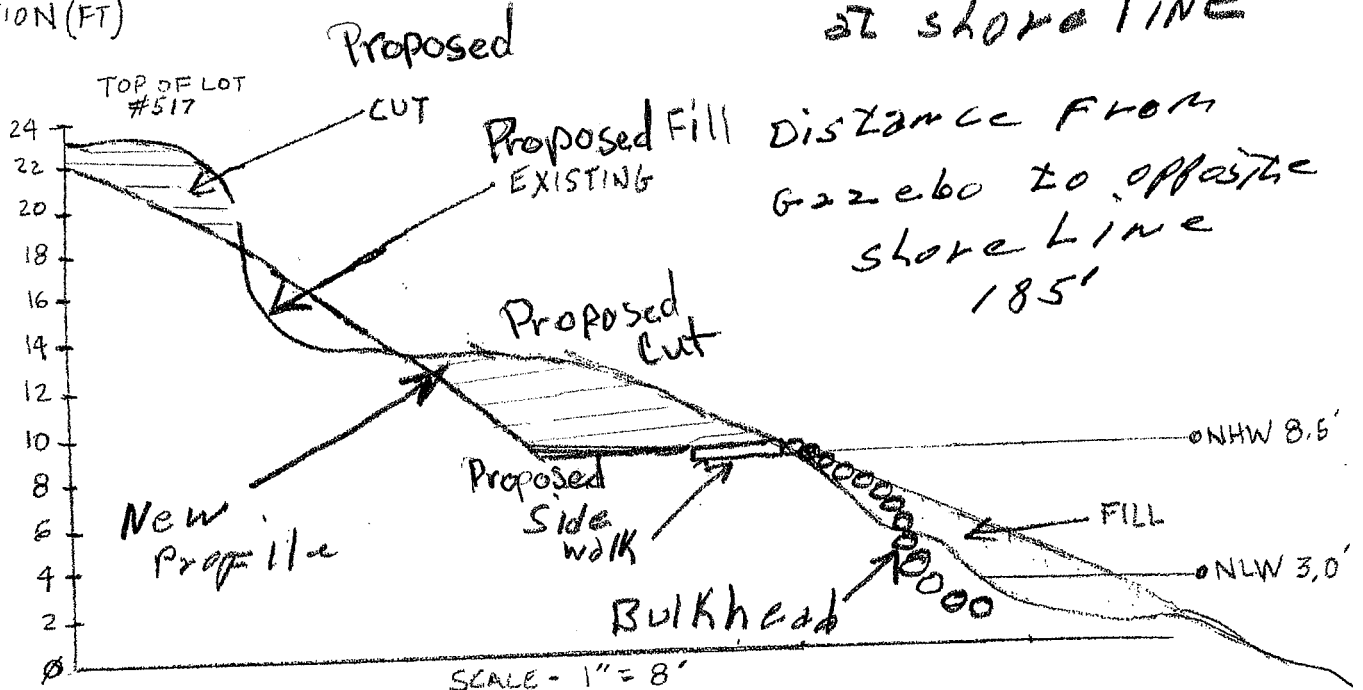
TOP OF BANK TO NORMAL LOW WATER LEVEL:

(APPROX) 42' HORIZONTAL
22' VERTICAL

Bayou Plaquemine

202 FT wide
at shoreline

ELEVATION (FT)



DISTANCE FROM
Gazebo to opposite
shore line
185'

EXISTING PROFILE

Notes

The project will consist of clearing the bayou bank of brush and trees. The bank will be sloped to a degree that will allow the grass that will be planted to be mowed.

Drainage will be installed that will provide three catch basins at the top of the bank. This will provide drainage for my back yard of my residence. These catch basins will greatly reduce the runoff down the bank.

Three additional catch basins will be installed at the bottom of the bank in front of the bulkhead. These basins will reduce the amount of runoff down the bulkhead.

The bayou bank, which is very eroded and irregular will be sloped and straightened. Compacted fill will material will be added as needed to bring the bank to the desired elevation.

Six inches of clay will be added and compacted over the bulkhead area.

GEO Grid and /GEO Textile Fabric will be installed over the clay fill.

Stone Rip Rap will be placed over grid and fabric.

A four foot wide concrete side walk will be installed the width of the property just above the bulkhead.

The area above the sidewalk will be sloped toward the three catch basins. This will prevent runoff down the bulkhead.

The entire bayou bank will be seeded, fertilized and erosion matting will be installed.

During construction piles will be driven into the soil to construct a Gazebo and deck.

Hay bales and silt fencing will be used to prevent erosion runoff into Bayou Plaquemine.