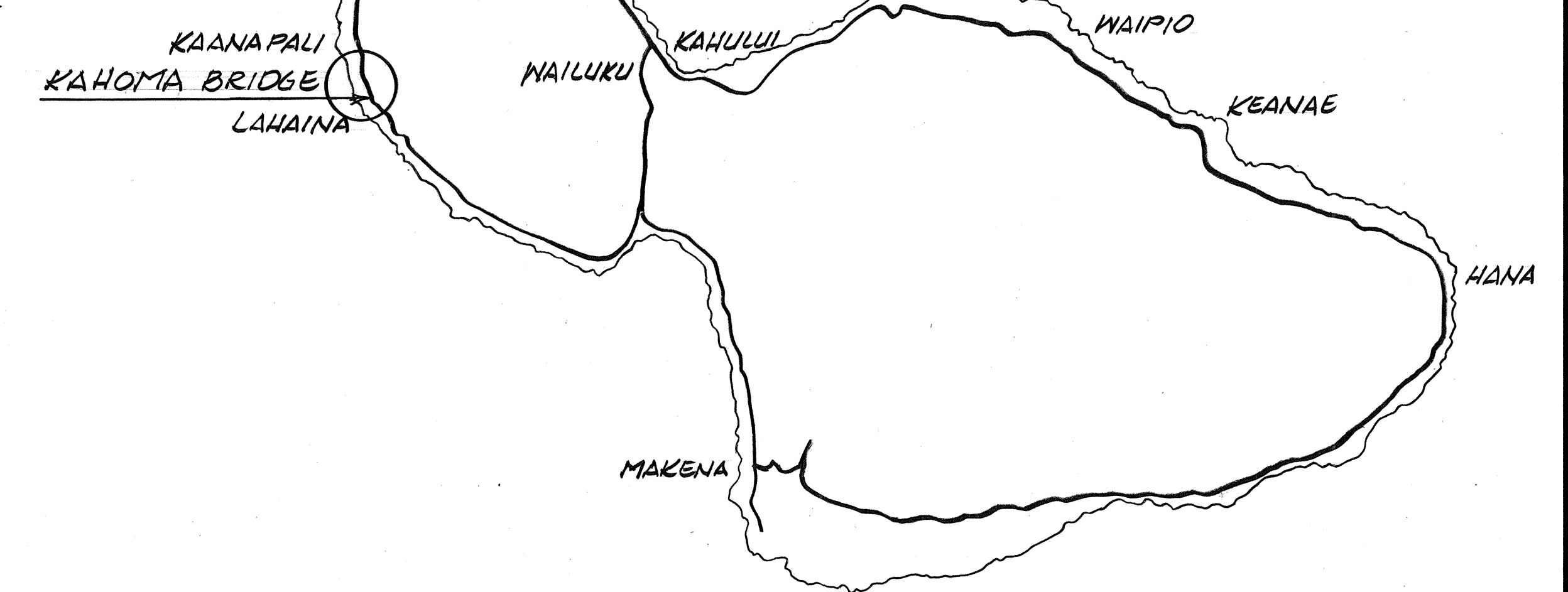


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

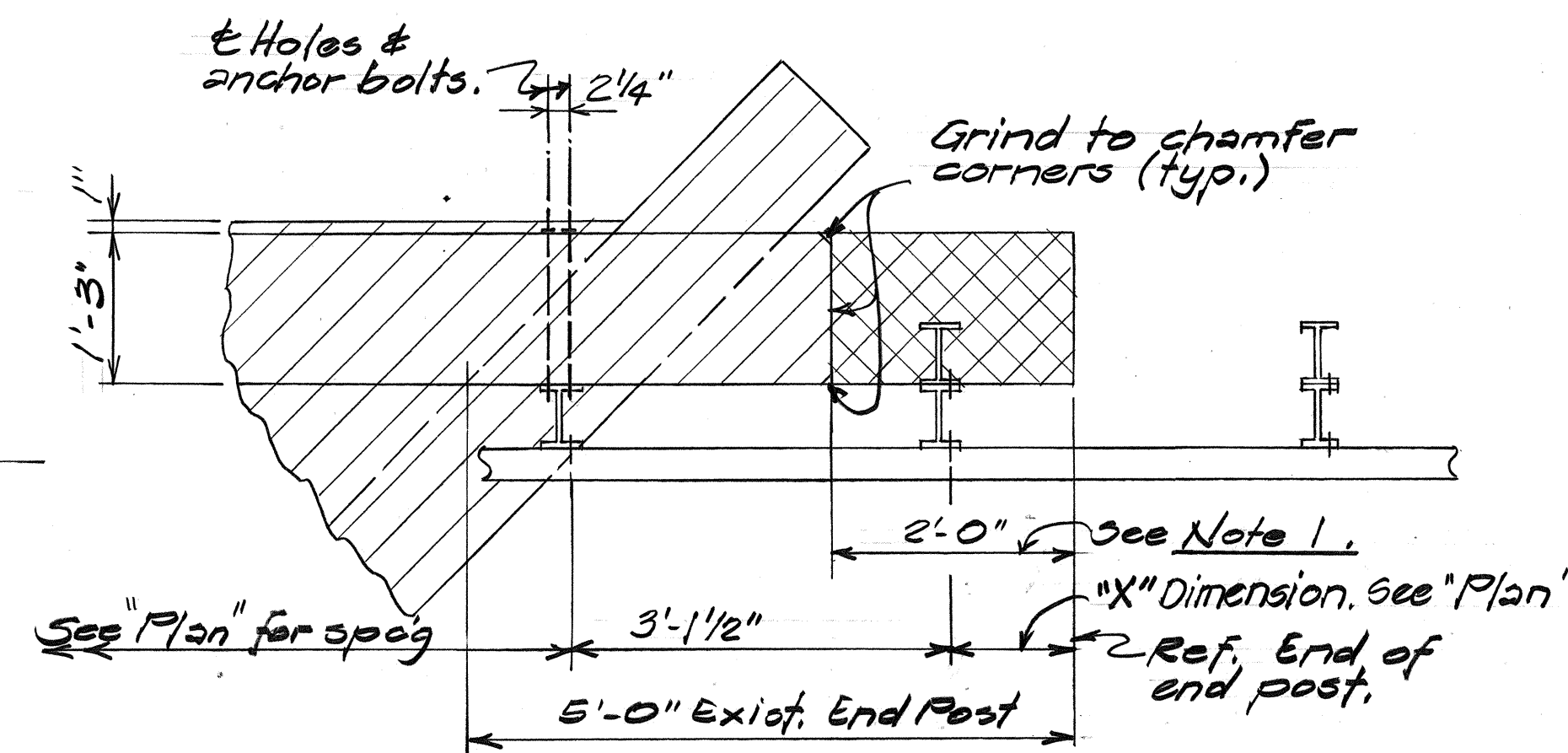
METAL GUARD RAIL CONNECTION
TO KAHOMA STREAM BRIDGE
HONOAPILANI HIGHWAY GUARD RAIL
& SHOULDER IMPROVEMENTS
Project No. 30AB-02-85

Scale: As Shown Date: Jan, 1985

SHEET No. 1 OF 1 SHEETS



CAP & DETAIL
No scale



Hand-drawn cross-section diagram of a wall and foundation assembly. The diagram shows a wall with a hatched cross-section, a foundation, and a footing. Dimensions are given in feet and inches. Annotations include:

- See Plan for upsp
- 5'0" Exist, End Post
- 3'-1/2"
- 2'-0"
- X" Dimension, See "Plan."
- See Note 1.
- 5" x 5"
- 1'-9"
- 2'-0" (Exist. conc. ref.)
- 1'-3"
- 5" x 5" spacer block
- See Note 2.

A hand-drawn sketch map of the Lahaina Boat Basin. The map shows the coastline of the basin with several wharves and a bridge. A north arrow is drawn in the upper right corner, pointing towards the top right. The bridge is labeled "KAHOMA BRIDGE" and "At Sta. 41+60.62 to 42+04.74". A circled area on the left side of the basin, near the Mala Wharf, has an arrow pointing to a structure. The Mala Wharf is labeled "Mala Wharf". The basin is labeled "Lahaina Boat Basin". An arrow points from the right side of the basin towards the right, labeled "To Wai'uku".

LOCATION PLAN
Scale: 1" = 2640'

1. Saw cut & remove portion of end post shown by X-Hatched lines. Remove exist. reinf. 1/2" in from exposed cut face & fill depression with epoxy mortar. The exposed cut face shall be ground to a smooth finish as directed by the Engineer. Removal & finishing of the resulting face shall be paid for on a lump sum basis.
2. Two 3/4" drilled holes & 3/8" U.S. anchor bolts with cap lbs, washers and nuts required per connection. See respective details for hole arrangement.

Scale: As Shown Date: Jan, 1985

SHEET No. 1 OF 1 SHEETS