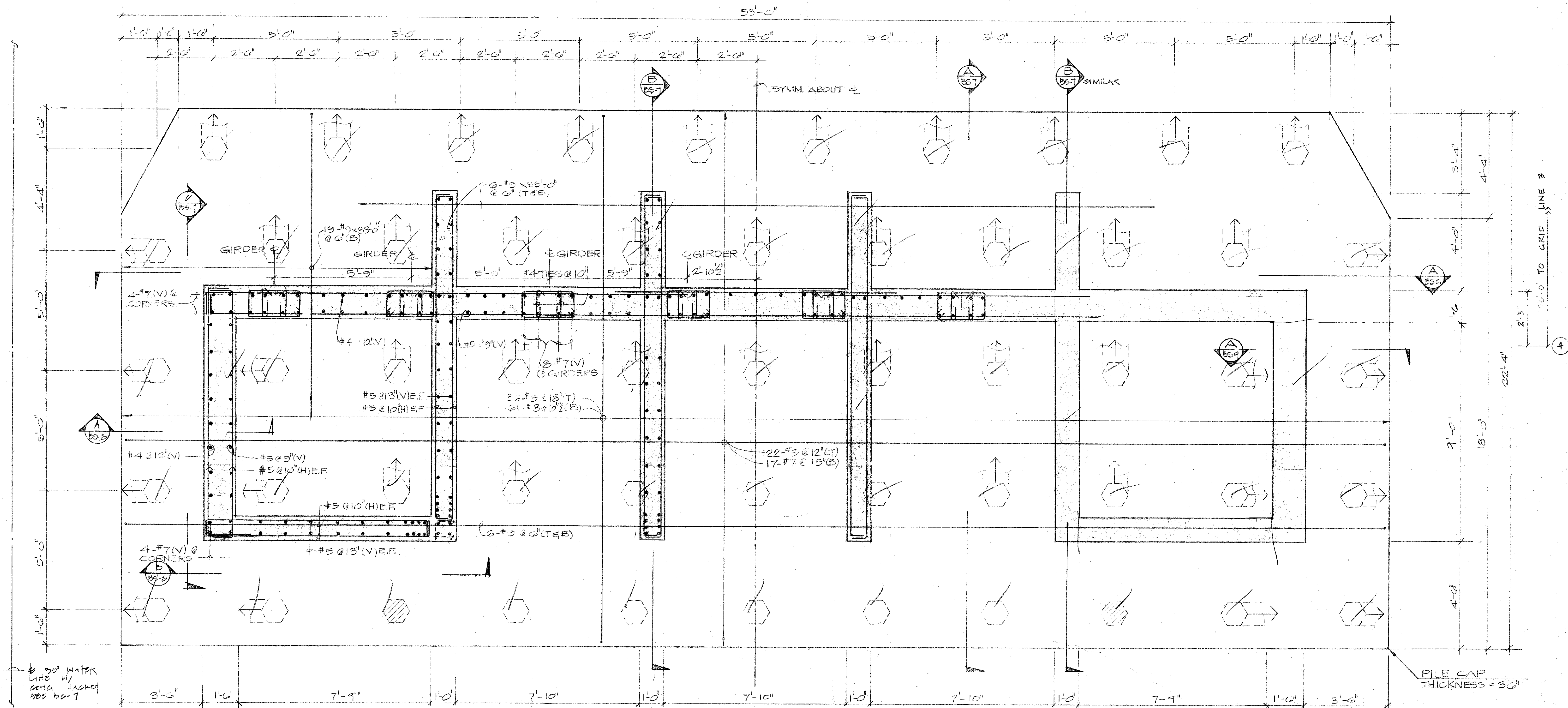




NOTES

- INDICATES LOCATION OF VERTICAL PILES
- INDICATES LOCATION OF BATTER PILES
- INDICATES LOCATION OF TEST PILE

PILE CUT-OFF ELEV. 12.00
MIN. PILE TIP PENETRATION ELEV. 15.00

FOUNDATION PLAN - KANEOHE ABUTMENT
SCALE: 1/2" = 1'-0"

FOUNDATION & PILES = BASELINE

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

NO.	DATE	DESCRIPTION	ENGR.	DEPT. OR DIV.

REVISIONS

APPR'D

DEPARTMENT OF PUBLIC WORKS

CITY AND COUNTY OF HONOLULU

DIVISION OF ENGINEERING

KAMEHAMEHA HIGHWAY BRIDGE

OVER KAHALUU STREAM

KAHALU, OAHU, HAWAII

ABUTMENT DETAIL

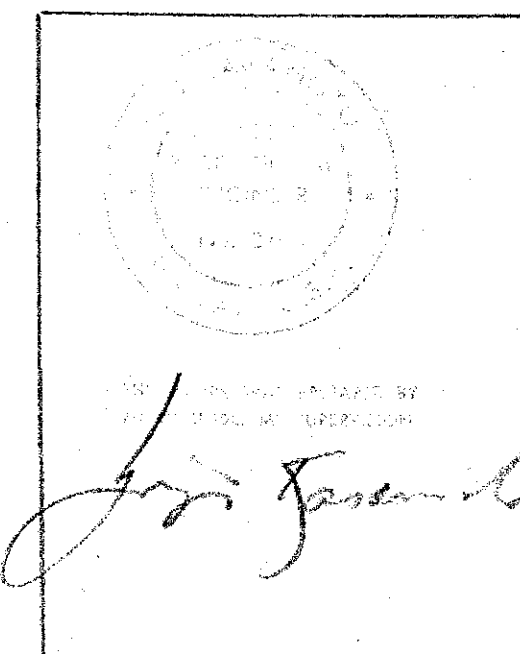
ENGINEER: MT DATE: 6/17/77

DRAFTSMAN: JET CHECKED BY: _____

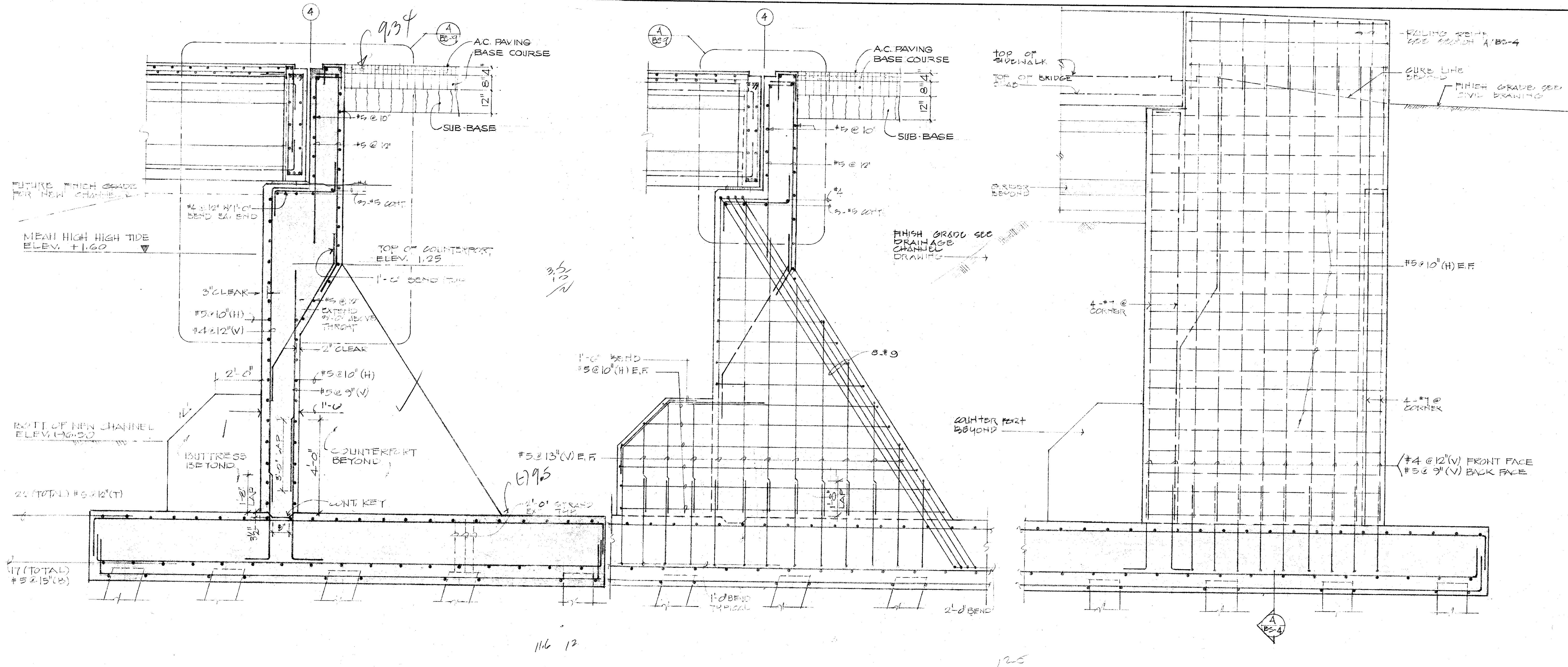
APPROVED: _____

CHIEF, DIVISION OF ENGINEERING

FILE NO. 38-77 DWG. NO. 7-E-23094



Sheet 25-5 of 52 Sheets



KANEOHE ABUTMENT DETAILS SCALE: 1/2" = 1'-0"

U. S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE

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REVISIONS

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KAHALUU, OAHU, HAWAII

ABUTMENT DETAIL

ENGINEER M.T. DATE 6.7.77

DRAFTSMAN J.C. CHECKED BY

APPROVED

CHIEF, DIVISION OF ENGINEERING

J.B.

JOB NO. 38-77 DWG. NO. 7-E-23094