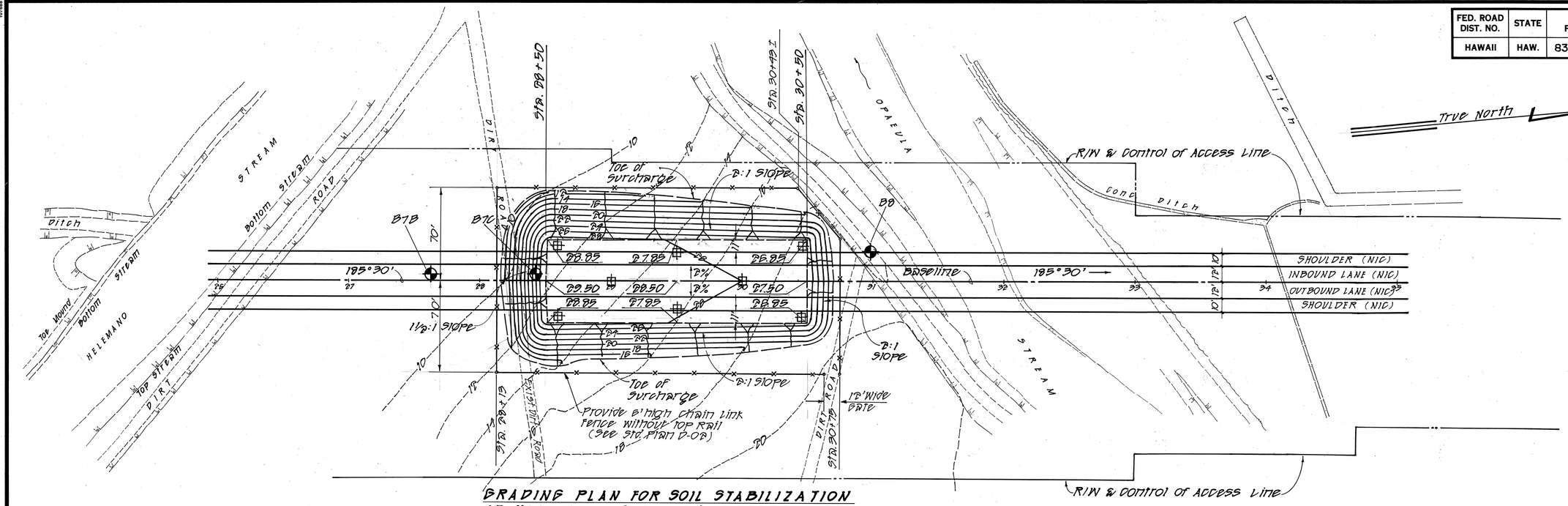
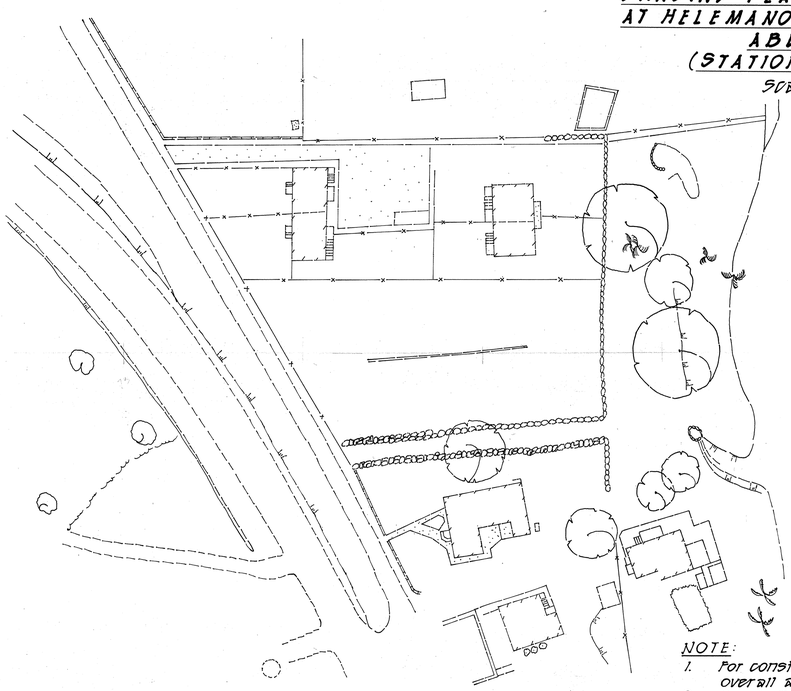
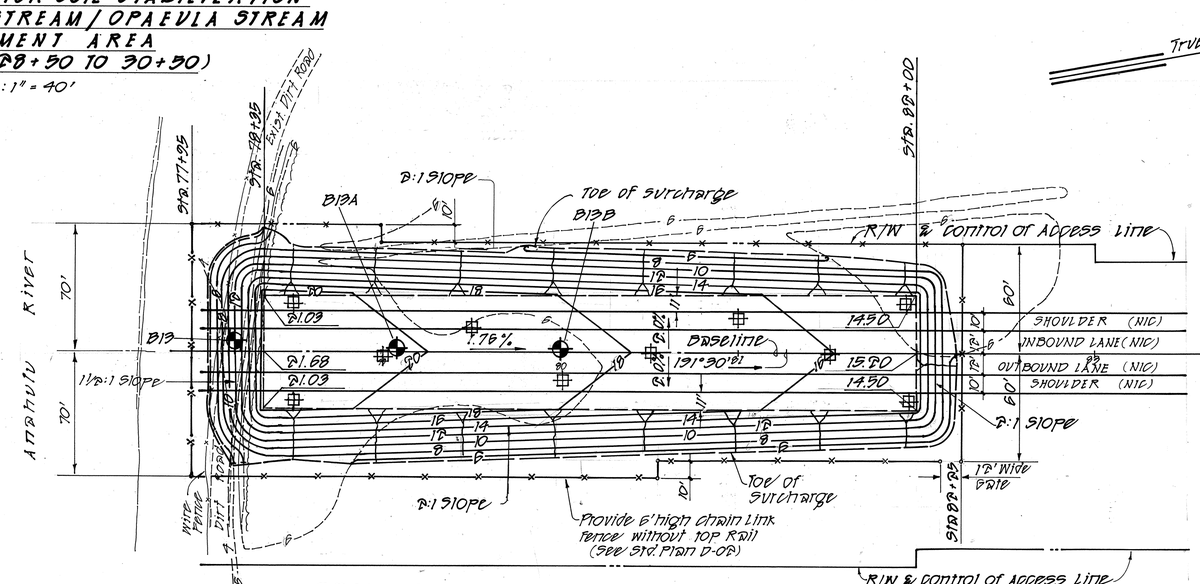
FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83A-01-90	1990	4	9



GRADING PLAN FOR SOIL STABILIZATION AT HELEMANO STREAM / OPAEVULA STREAM ABUTMENT AREA (STATION 28+50 TO 30+50)

SCALE: 1" = 40'





GRADING PLAN FOR SOIL STABILIZATION AT ANAHULU STREAM ABUTMENT AREA STATION 78+45 TO 80+00

SCALE: 1" = 40'

LEGEND

- 18 — Existing Contour
- 18 — Finish Contours
- 27.00 — Finish Grade
- Approximate Location of Borings
- Proposed Settlement Gauge Locations (See Location Table on Sheet 3)

NOTE:

1. For construction stake-out data see overall alignment plan, on sheet 2.
2. Bench Mark for this project is C&GS triangulation station disk (designated as "Weed") set on top of a concrete post flush with the ground. Located in the center of Weed Circle. Elev. = 48.55'.
3. For Boring Logs see sheets 8 & 9

ROBERT T. WATARI
REGISTERED PROFESSIONAL ENGINEER
No. 4560-C
HAWAII U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Robert T. Watari

DATE	REVISION
2/8/90	Remove Notes Requiring Structural Fill Sta. 28+80 to 28+70 and Sta. 78+05 to 78+65.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN FOR SOIL STABILIZATION

KAMEHAMEHA HIGHWAY - HELEMANO/WAIALUA JUNCTION TO HALEIWA BEACH PARK
SOIL STABILIZATION
PROJECT NO. 83A-01-90

SHEET No. OF SHEETS

ADD. 4

ORIGINAL PLAN — SURVEY PLOTTED BY / DRAWN BY / TRACED BY / DESIGNED BY / QUANTITIES BY / CHECKED BY — DATE — NOTE BOOK No.