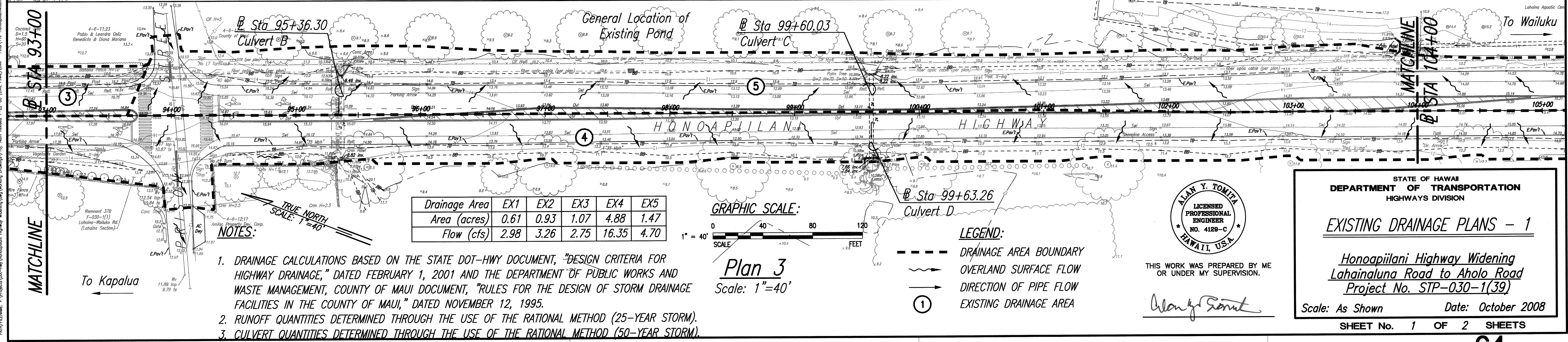
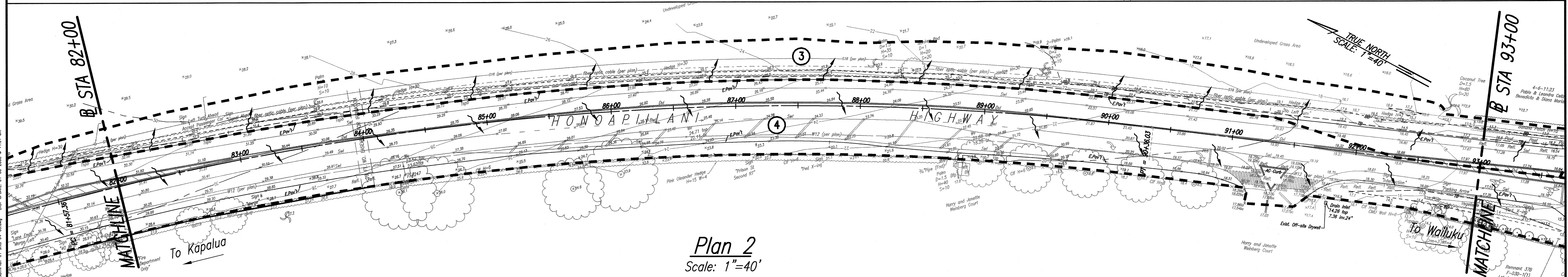
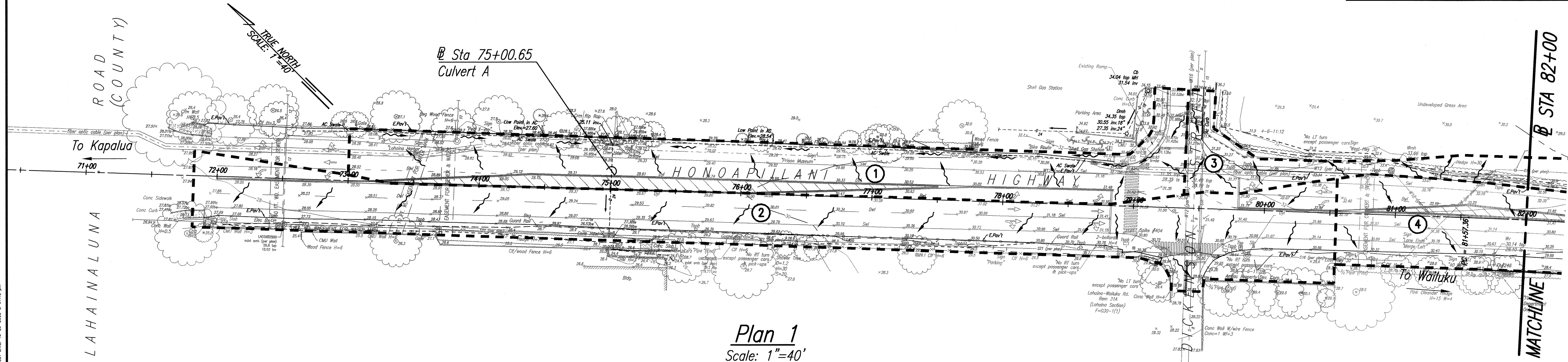
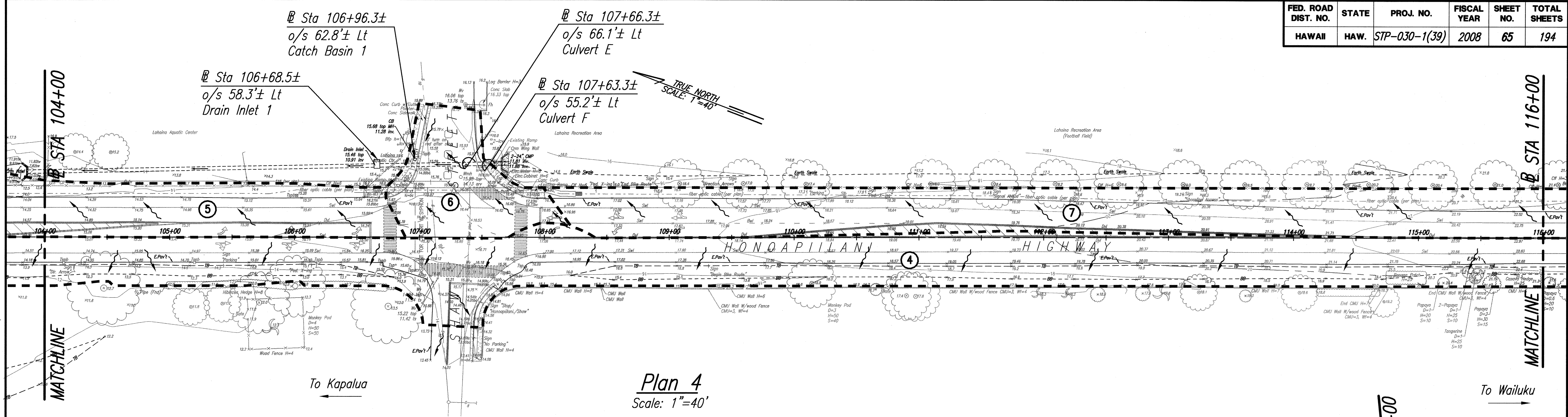
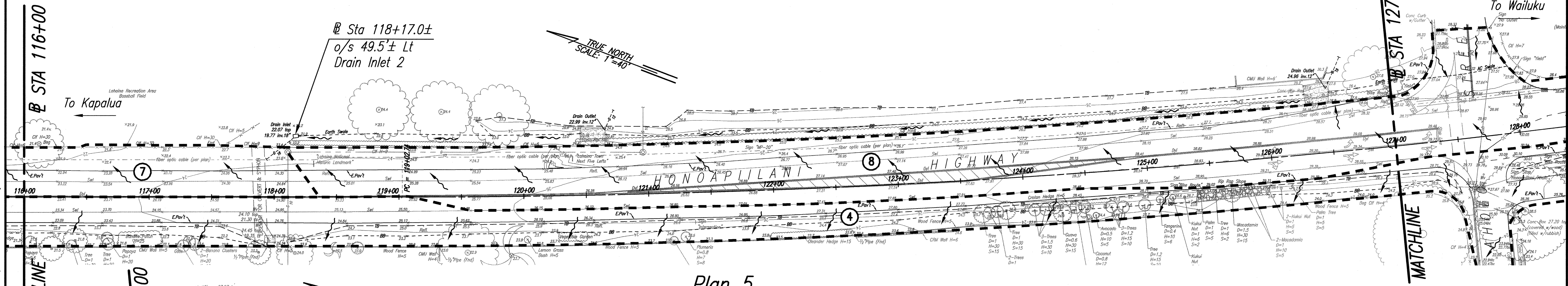




FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	65	194



Plan 4
Scale: 1"=40'



Plan 5
Scale: 1"=40'

Drainage Area	EX4	EX5	EX6	EX7	EX8
Area (acres)	4.88	1.47	0.21	0.90	1.30
Flow (cfs)	16.35	4.70	0.82	3.79	4.56

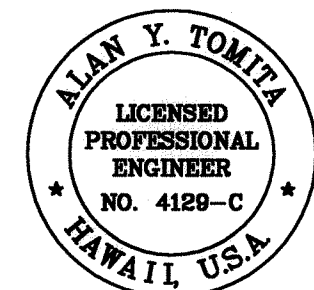
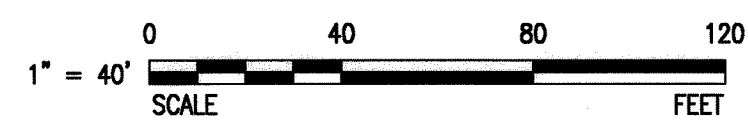
NOTES:

1. DRAINAGE CALCULATIONS BASED ON THE STATE DOT-HWY DOCUMENT, "DESIGN CRITERIA FOR HIGHWAY DRAINAGE," DATED FEBRUARY 1, 2001 AND THE DEPARTMENT OF PUBLIC WORKS AND WASTE MANAGEMENT, COUNTY OF MAUI DOCUMENT, "RULES FOR THE DESIGN OF STORM DRAINAGE FACILITIES IN THE COUNTY OF MAUI," DATED NOVEMBER 12, 1995.
2. RUNOFF QUANTITIES DETERMINED THROUGH THE USE OF THE RATIONAL METHOD (25-YEAR STORM).
3. CULVERT QUANTITIES DETERMINED THROUGH THE USE OF THE RATIONAL METHOD (50-YEAR STORM).

LEGEND:

- DRAINAGE AREA BOUNDARY
- ~ OVERLAND SURFACE FLOW
- DIRECTION OF PIPE FLOW
- ① EXISTING DRAINAGE AREA

Graphic Scale:



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EXISTING DRAINAGE PLANS - 2

*Honoapiilani Highway Widening
Lahainaluna Road to Aholo Road
Project No. STP-030-1(39)*

Scale: As Shown Date: October 2008
SHEET No. 2 OF 2 SHEETS