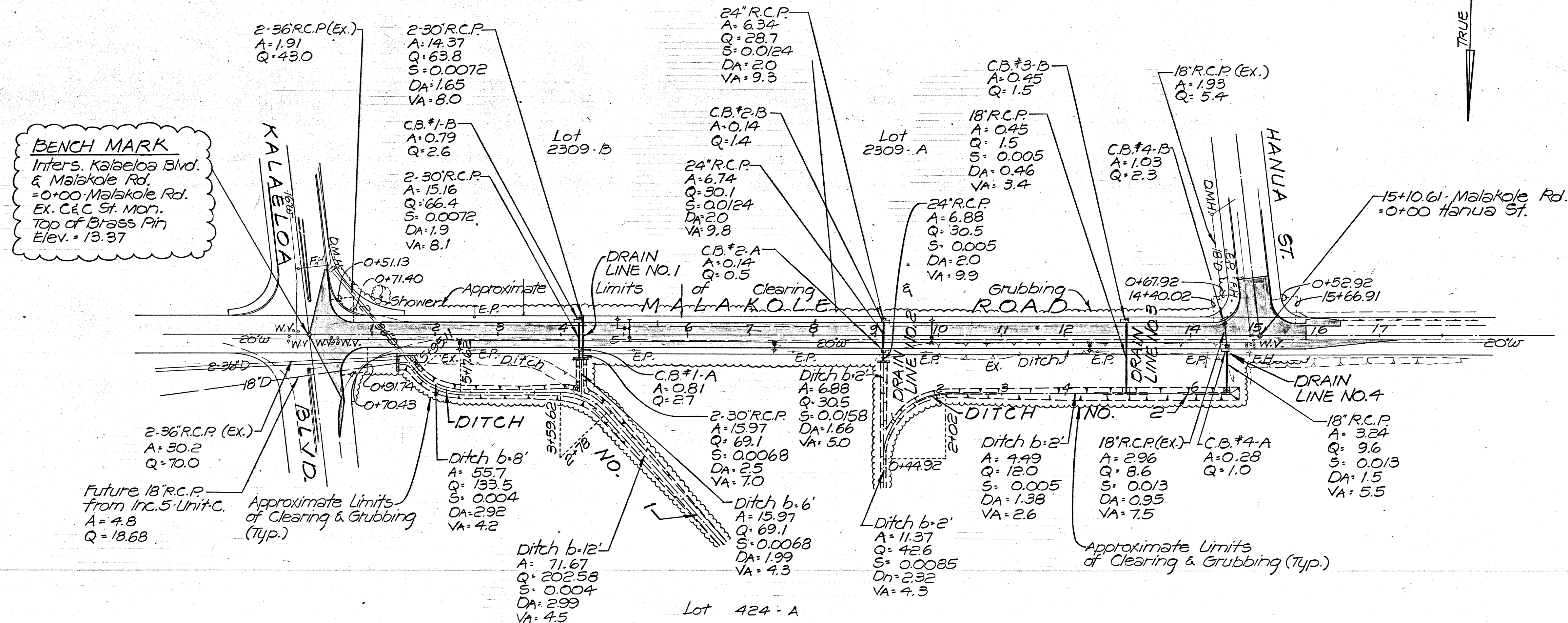
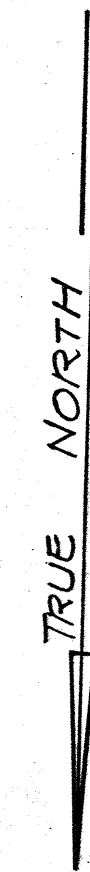


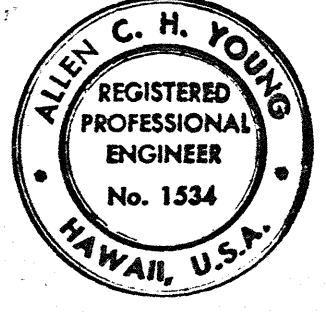
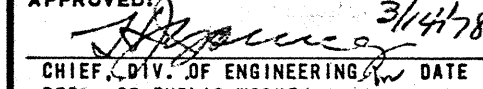


DRAINAGE DESIGN DATA:

1 hour rainfall = 2.2 inches ($T_m = 10$)
= 2.75 inches ($T_m = 50$)
Intensity, I , varies (2.86 in/hr. to 5.5 in/hr.) See calculation sheets
Runoff Coefficient, C , varies (0.40 to 0.95) See calculation sheets
Drainage Area: A = area
Design Runoff: $Q = CIA$

PLAN

Scale: 1" = 100'

ENGINEER	KYS	REVISION	DATE	BRIEF	BY	APPROVED
DRAFTSMAN	CS					
CHECKED BY	ACY					
		R. M. TOWILL CORPORATION PLANNERS, ENGINEERS, SURVEYORS, PHOTOGRAMMETRISTS 1600 Kapiolani Boulevard Honolulu, Hawaii 96814				
		JAMES CAMPBELL INDUSTRIAL PARK MALAKOLE ROAD IMPROVEMENT BETWEEN HANUA ST. & KALAELOA BLVD. AT HONOLULU, EWA, OAHU, HAWAII DEVELOPER: CAMPBELL ESTATE				
		GENERAL PLAN				
		APPROVED:  3/14/78 CHIEF, DIV. OF ENGINEERING, DATE DEPT. OF PUBLIC WORKS CHIEF, PLNG. & ENG. DATE BOARD OF WATER SUPPLY				
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.		DIRECTOR, DEPT. OF TRANSP. SERVICES				