BOUNDARY AMENDMENTS USE DISTRICT BOUNDARIES DOCKET NO. DATE JUL 1 8 1969 DISTRICT MAP DISTRICTS U = URBAN A72-348 APR 6 '73 STATE OF HAWAII UNITED STATES PAPAALOA QUADRANGLE LAND USE COMMISSION R = RURAL A = AGRICULTURAL C = CONSERVATION DEPARTMENT OF THE INTERIOR HAWAM-ISLAND AND COUNTY OF HAWAII DEPT. OF PLANNING & ECONOMIC DEVELOPMENT 7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 HONOMU 15 QUADRANGLE GEOLOGICAL SURVEY EFFECTIVE DATE: AUG 4 1969 155°07'30" 20°00' FEET map H-59 Stengle Muragin Mapped, edited, and published by the Geological Survey SCALE 1:24000 1000 0' 1000 2000 3000 4000 5000 6000 7000 FEET Control by USGS and USC&GS ROAD CLASSIFICATION: Topography by photogrammetric methods from aerial photographs taken 1954 and 1965. Field checked 1966 Medium-duty Light-duty far by bar bar barrens Unimproved dirt Polyconic projection. Old Hawailan datum CONTOUR INTERVAL 20 FEET

DATUM IS MEAN SEA LEVEL

SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER

THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 2 FEET 10,000-foot grid based on Hawaii coordinate system, zone 1 State Route 1000-meter Universal Transverse Mercator grid ticks, zone,5, shown in blue HAWAHAN ISLANDS ST HAWAH PAPAALOA, HAWAII NW/4 HONOMU 15° QUADRANGLE N1952.5—W15507.5/7.5 APPROXIMATE MEAN DECLINATION, 1966 QUADRANGLE LOCATION FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

18 MARY ASSIDERANCE

(N.M.CELESTER MERCHANIC)

LAND USE DISTRICT BOUNDARIES JUL 1 8 1969 Subj DISTRICT MAP STATE OF HAWAII DISTRICTS UNITED STATES U = URBAN
R = RURAL
A = AGRICULTURAL
C = CONSERVATION KEAAU QUADRANGLE LAND USE COMMISSION DEPARTMENT OF THE INTERIOR . DEPT. OF PLANNING & ECONOMIC DEVELORM. F HAWAII-ISLAND AND COUNTY OF HAWAII GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 291000m.E. 710 000 FEET 0 42'30" 0 19°37′30″ 155°00′ 680 000 FEET INTERIOR - GEOLOGICAL SURVEY WASHINGTON, O. C. -1984 154°52"30" (MAKUU 1:62 500) Mapped, edited, and published by the Geological Survey Control by USGS and USC&GS Topography by photogrammetric methods from aerial photographs taken 1954 and 1961. Field checked 1963 ROAD CLASSIFICATION Polyconic projection. 1927 North American datum 10,000-foot grid based on Hawaiian coordinate system, zone 1 CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY I FOOT Unimproved dirt 00 1000-meter Universal Transverse Mercator grid ticks, zone 5, shown in blue HAWAIIAN ISLANDS APPROXIMATE MEAN DECLINATION, 1963 KEAAU RANCH QUADRANGLE LOCATION KEAAU, HAWAII FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C. A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST NW/4 MAKUU 15' QUADRANGLE N1937.5-W15452.5/7.5

LAND USE DISTRICT BOUNDARIES JUL 1 8 1969 DISTRICT MAP STATE OF HAWAII DISTRICTS KUKAIAU QUADRANGLE LAND USE COMMISSION U = URBAN UNITED STATES DEPT. OF PLANNING & ECONOMIC DEVELOPMENT R = RURAL HAWAII-ISLAND AND COUNTY OF HAWAII DEPARTMENT OF THE INTERIOR A = AGRICULTURAL
C = CONSERVATION 7.5 MINUTE SERIES (TOPOGRAPHIC)
SEVE HAMAKUA 15 QUADRANGLE EFFECTIVE DATE: AUG 4 1969 GEOLOGICAL SURVEY 155°22'30" 252000m.E 155*15 20°07'30" LAUPAHOEHOE 0.3 Mil 155° 15' IKEANAKOLUI Warrand address and published by the Geological Survey ROAD CLASSIFICATION Control by USGS and USDAGS Tripography by multiplex methods from aerial photographs taken 1954 and by the Hawarian Territorial Highway Department 1956 Medium-duty Light-duty 1 5 0 1 KILOMETER Unimproved dirt Advance field check 1957 CONTOUR INTERVAL 40 FEET State Route Polecumic projection. Did Hawalian datum DATUM IS MEAN SEA LEVEL SHORELING SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 2 FEET 550 JDJI00 real grid based on Hawaiian coordinate system zone 1 1000 melter Universal Transverse Mercator guid ticks; HAWAIIAN ISLANDS THAWAII KUKAIAU, HAWAII SE/4 HAMAKUA 15 QUADRANGLE N2000—W15515/7.5 Decreed elevations are shown in brown QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

(51)