September 12, 1977

Ref: HA-5/26/77-954

Mr. Harold S. Masumoto Director of Administration University of Hawaii 2444 Dole Street, Fm. 212 Honolulu, HI 96822

Dear Mr. Masumoto:

"After the Fact" Conservation District Use Application for Governmental Use (Telescope Observatories and Accessory Improvements) at Hamakua, Hawaii

At its mesting of September 9, 1977 the Board of Land and Watural Resources approved your application subject to the following conditions:

- 1. That the applicant comply with all applicable statutes, ordinances, rules and regulations of the Federal, State and County governments, and applicable parts of Section 2C of Departmental Regulation No. 4.
- 2. Strict compliance with the policies and directives of the Mauna Kea Plan as devised and adopted by the Board of Land and Watural Resources.
- 3. Other conditions as may be prescribed by the Chairman.
- 4. Staff and personnel associated with the University of Hawaii astronomy observatories and ancillary facilities at the summit shall absolve the State of Hawaii from fault or blame in the event injury

Mr. Harold S. Masumoto Page 2 September 9, 1977

> or fatal harm is caused through their own negligence in observing safety practices and procedures.

should you have questions on any of these conditions, please contact the Planning Office at 548-7837.

W. Y. TROMPSON Chairman of the Board

Hawaii Board Member CC:

Hawaii District Land Agent

Hawaii County Planning Department Office of Environmental Quality

Control

Environmental Quality Commission

Department of Health

Department of Transportation

bcc: Land Management

DOWALD

Fish & Game State Parks

Forestry

Historic Preservation Ofc.



GEORGE R. ARIYOSHI GOVERNOR OF HAWAII



#### STATE OF HAWAII

DIVISIONS: CONVEYANCES FISH AND GAME FORESTRY LAND MANAGEMENT STATE PARKS WATER AND LAND DEVELOPMENT

## DEPARTMENT OF LAND AND NATURAL RESOURCES

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P. O. BOX 621 HONOLULU, HAWAII 96809

File No. HA-5/26/77-954 Expiration Date 11/22/77

September 9, 1977

Board of Land and Natural Resources State of Hawaii Honolulu, Hawaii

Gentlemen:

"After the Fact" Conservation District Use Application for Governmental Use at Hamakua, Hawaii

APPLICANT:

University of Hawaii 2444 Dole Street, Room 212 Honolulu, HI 96822

USE REQUESTED: Telescope Observatories and Accessory Improvements

LOCATION: Portion of TMK 4-4-15:9

AREA OF PARCEL: 13,321.054 A

AREA OF USE: 13,321.054 A

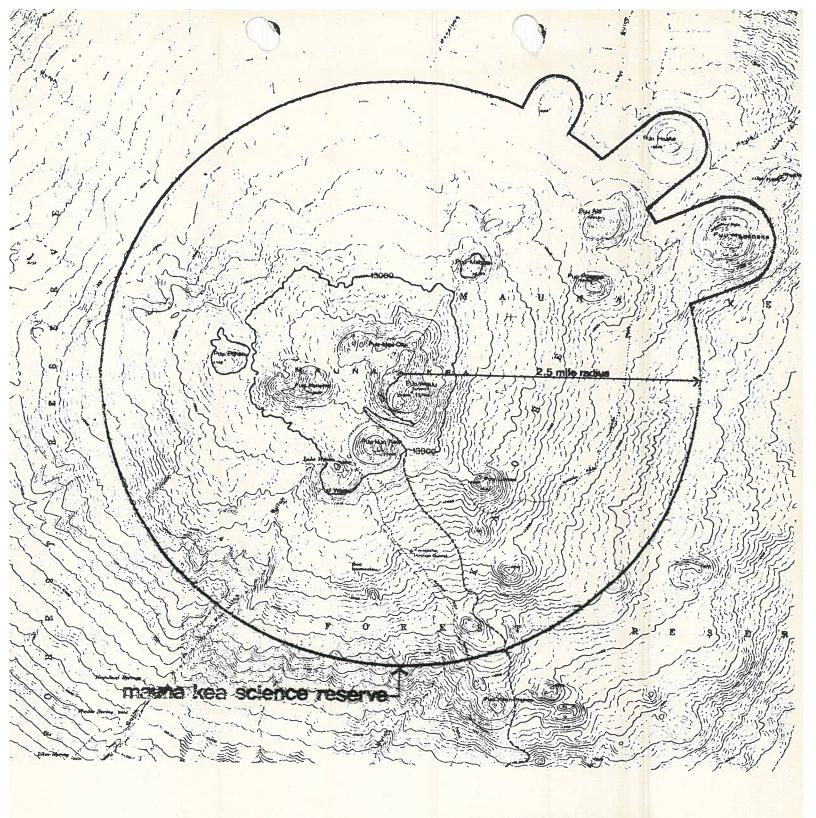
SUBZONE: General Use

DESCRIPTION OF AREA:

The site of active use is the summit area of Mauna Kea above the 13,700' elevation above sea level. Three principal observatories plus accessory improvements were constructed on State-owned lands commencing in July, 1968. Prior to start of construction approximately 13,321 acres were leased to the University of Hawaii, GL S-4191, in January, 1968. The area is more familiarly known today as the Mauna Kea Science Reserve and generally encompasses all of the land area above the 12,000' contour elevation.

Access to the summit from Hilo or Kona is via the Saddle Road (State Route 200) to Puu Huluhulu. From this location a 2-lane paved summit access road begins and continues past the Humuula Sheep Station to Hale Pohaku. From Hale Pohaku to the summit, except for about 800 feet of compacted gravel with an oiled surface, the road consists of compacted gravel.

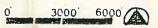
The summit is approximately 40 miles from Hilo and 6.5 miles from Hale Pohaku.

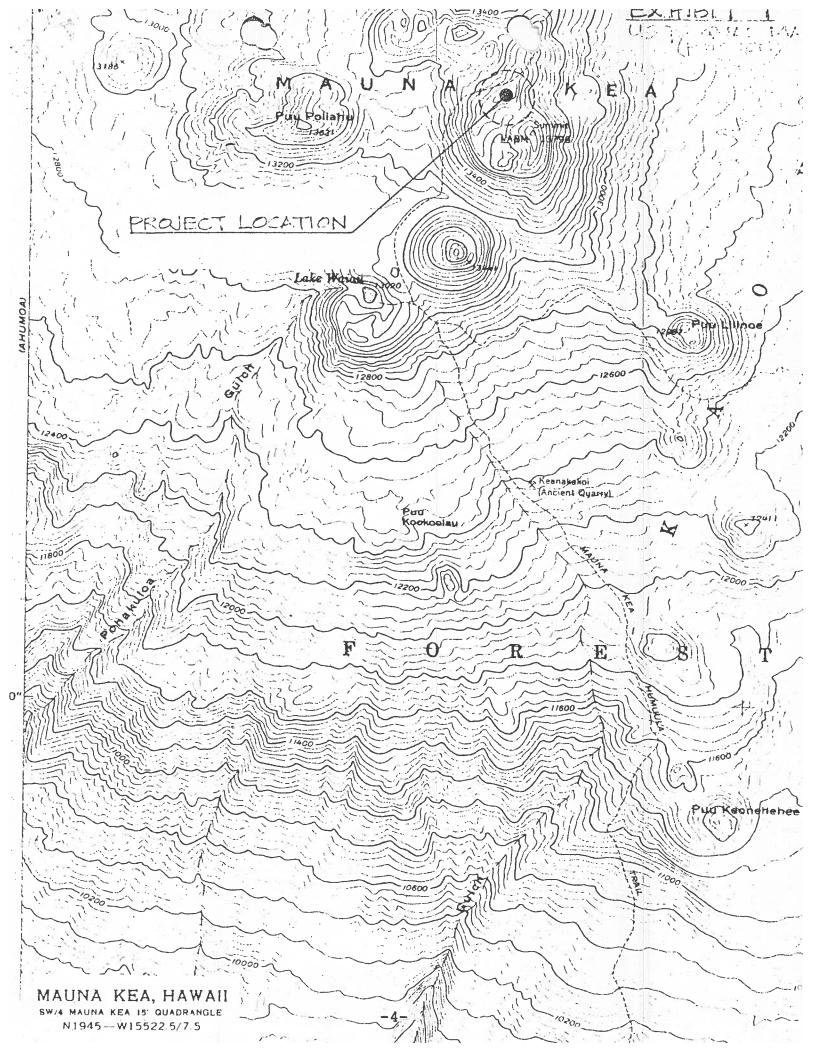


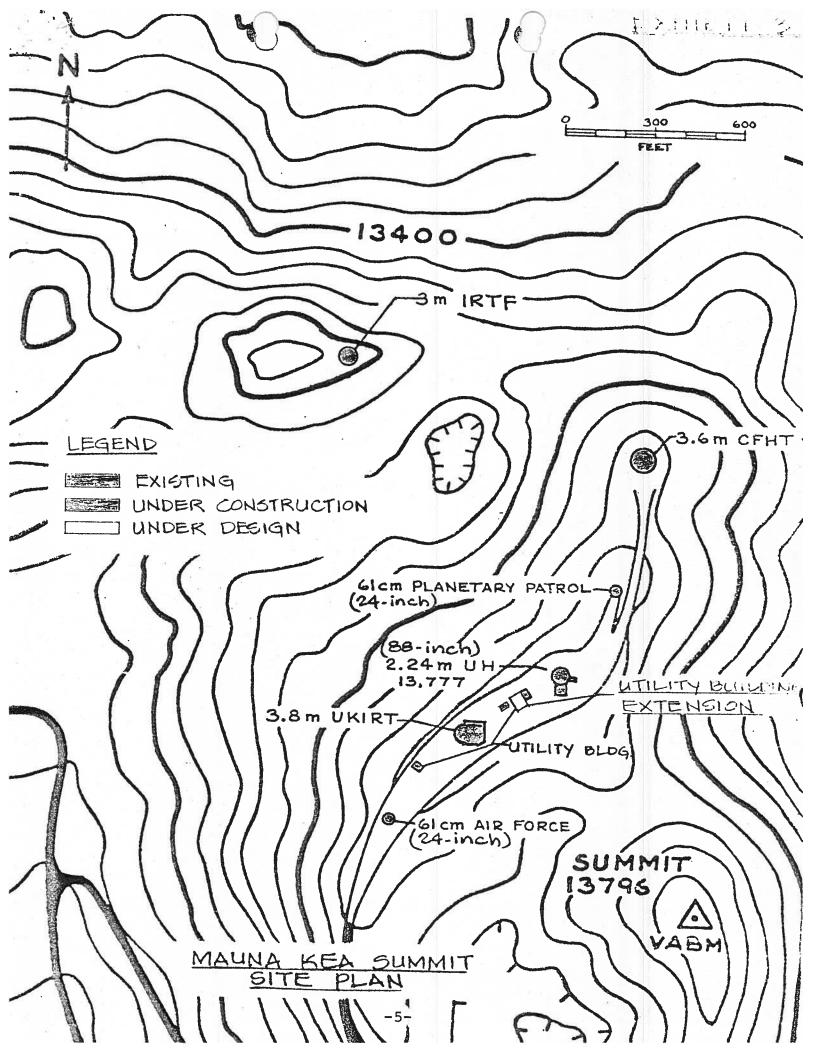
# MAUNA KEA SCIENCE RESERVE

Environmental Impact Statement for the existing operations and the construction and operations of the new IRTF and UKIRT Observatories Mauna Kea, Hawaii

EDAW inc.







Land Management: No objections.

State Parks: No known direct State Parks interests are involved concerning the astronomy facilities as long as snow activities can continue in the general area.

Historic Preservation Office: The proposed use will have no effect on any known historic or archaeological site on or likely to be eligible for inclusion to the Hawaii and/or National Registers of Historic Places. As such, this office has no reservations for the project to proceed. In the event any unanticipated sites or remains are encountered, the applicant is to contact this office immediately.

### ANALYSIS:

The use is permitted under Section 2B(1)(e) of Departmental Regulation No. 4. A negative declaration was determined for the "after the fact" action by the applicant in conformance with Section 1:30 of the EIS Regulations. With reference to the provisions of Section 205-29d, Hawaii Revised Statutes relating to Coastal Zone Management Area as defined by the County of Hawaii.

As remarked by the Hawaii County Planning Department, this is a housekeeping application, and it is the outcome of cooperative efforts on the part of the U. H. Administration and DLNR Staff to solicit the sanction of the Board of Land and Natural Resources for the ongoing scientific activities in astronomy at Mauna Kea. It is to be noted that the newer observatories for CFHT, UKIRT, and NASA have gone through the CDUA process and received the approval of the Board and at this time have completed or are nearing completion construction wise.

To debate the current unsanctioned status of the three U. H. observatories now would be, at best, informative but academic. It is felt that the failure to obtain the approval of the Board for the use of State-owned Conservation lands may well be based on assumption rather than outright omission.

An explanation based on assumption does seem plausible since earlier applications for State-owned conservation lands were submitted to the Board by Land Management with recommendations for favorable action subject to compliance with Sections 2C and 2F of Departmental Regulation No. 4. While the records do not indicate that such was the case, in the disposition of the General Lease, it may be reasonable to conclude that the participants of the lease assumed that the construction of observatories was permitted in conjunction with the purposes of the Mauna Kea Science Reserve.

The use of Mauna Kea for astronomical research, given life by the issuance of the general lease, is further embodied and is the forms of the Mauna Kea Plan recently adopted by the Board. The U. H. observatories, where sited, are relected in the utilization plan for the summit of Mauna Kea.

# RECOMMENDATION:

Approval of this "after the fact" application for the construction and use of three telescope observatories and ancillary

facilities for astronomical research, subject to the following conditions:

- 1. That the applicant comply with all applicable statutes, ordinances, rules and regulations of the Federal, State and County governments, and applicable parts of Section 2C of Departmental Regulation No. 4.
- 2. Strict compliance with the policies and idrectives of the Mauna Kea Plan as devised and adopted by the Board of Land and Natural Resources.
- 3. Other conditions as may be prescribed by the Chairman.
- 4. Staff and personnel associated with the University of Hawaii astronomy observatories and ancillary facilities at the summit shall absolve the State of Hawaii from fault or blame in the event injury or fatal harm is caused through their own negligence in observing safety practices and procedures.

Respectfully submitted,

L. Bancista

LEONARD BAUTISTA taff Planner

APPROVED FOR SUBMITTAL:

W. Y. THOMPSON, Chairman of the Board