

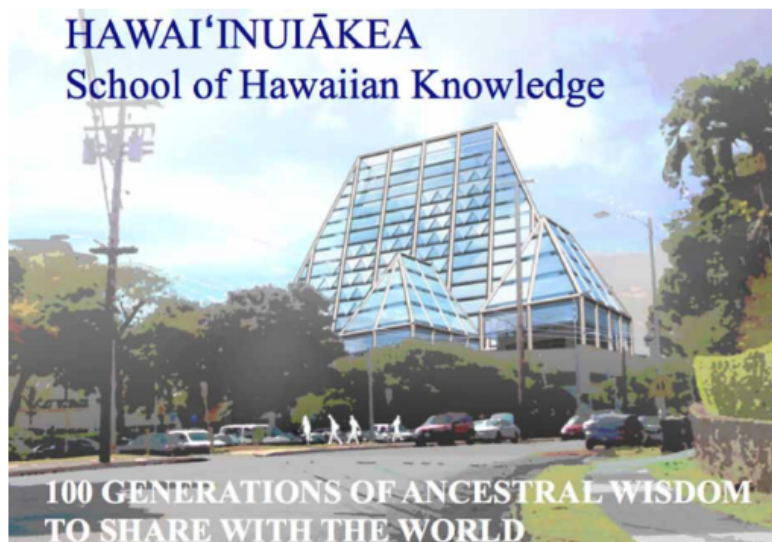
\$20 M from the Federal Government to retrofit all buildings at UH Mānoa with Photovoltaic panels.

Since UHM spends \$30 M from student tuition every year for Electricity, 2nd in cost only to the US Military on O'ahu, and since the legislature seems likely to cut the UHM salaries for professors and researchers by \$45 M, it seems only prudent to be more efficient in dealing with the cost of oil based electricity and convert to solar, which might cost only \$5 M per year.

I would also like to suggest that any future new buildings at UHM follow the design by Mike Barns, a Māori who received his architectural degree from the UHM School of Architecture, that provides a Photovoltaic skin for the proposed 16 story Hawai'inuiākea building. This is the Aloha 'Āina building proposal for the Hawai'inuiākea School of Hawaiian Knowledge that uses solar and wind for making electricity instead of the burning of imported oil. Please see the attached drawing and descriptions.

Perhaps when the BOR is considering building new buildings again, to help the construction industry, you might want to lead the State of Hawai'i with this design. If all State buildings incorporated Photovoltaic skins, we would save a lot of money on electricity from the State of Hawai'i Budget. By the way, Mike Barns has been building these type of buildings in Dubai for the past 15 years, and is now doing so again back in New Zealand.

Finally, we professors at UHM have a lot of great ideas, and we urge the BOR and the UH Administration to consult with faculty before you shut down the Schools and Colleges educating the youth of Hawai'i. Afterall, Faculty consultation is required by law; no use waste money on lawsuits. Mahalo nui loa.



FLOORS DRAFT ONLY!!!!

2007 Revisions

Roof Garden, Star Gazing Platform, swimming pool

16 Restaurant, Faculty Club

Gymnasium

15 Hālaeu Ola: Hawn Medicinal Herbs Offices and Classrooms

Kūpuna Lounge, Med School Outpatient clinic

14 Hawai'inuiākea School of Hawaiian Knowledge

Dean's Office, Secretary, Fiscal Officers, Meeting Rooms

13 Kamakakūokalani Center for Hawaiian Studies

Offices, Classrooms and Charter School Curriculum

- 12 Kawaihuealani** Center for Hawaiian Language
Offices, Classrooms, and Immersion Curriculum Development
- 11 Hawn Science** Offices & Classrooms
Kānewai Lo'i, Hui Konohiki, Hawn Engineering
- 10 Hawn Student Services**, Computer Labs, Study Rooms
Student Lounge, Dorm for visiting delegations
- 9 Kūkulu o Kahiki Technology Center**
Distance Learning Classrooms, Polycom Conference Lab
- 8 TV Station**, Video Production & Editing Labs
Program Development Offices
- 7 Library 4:** All Hawn Music and Film
Recording Studio, Radio Station
- 6 Library 3:** All Polynesian Language Documents
Maori, Tahitian, Rapa Nui, Marquesan, Tongan, Samoan
- 5 Library 2:** All Hawn Language documents
1 million pages of Hawn Language Newspapers
- 4 Library 1:** All Hawn Land Documents
Office Space for Kia'i 'Aina Land Researchers
- 3 Theatre** Studios and Offices
Dance Studios and Offices
- 2 Art Studios**, Artist-in-residence quarters
Theatre entrance, Art Offices
- 1 Protocol Entrance**, Gallery, Bookstore
Bottom Floor of a 2,000 seat Theatre
Hawaiian Immersion Pre-school



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