

Campus Facilities Planning Board (CFPB)

Summary Points of Meeting

November 5, 2009

Hawai'i Hall 309

3:30 pm – 5:00 pm

Attendees: David Hafner, Eric Crispin, Kathy Cutshaw, Reed Dasenbrock, Francisco Hernandez, Tom Katsuyoshi, Peter Crouch, and Ann Sakuma

Guests: Wayne Nishijima and Thomas Lim

CTAHR: Komohana Research and Extension Center (KREC) – Phase II

This project is located in Hilo, Hawai'i and will include eight (8) experiment research stations and three (3) cooperative extension services.

Phase I – completed in 2009

- New research lab building – Wing C
 - Final cost of Phase I was three (3) times the original cost due to high electrical expenses
- Renovated Wing B, alteration from classroom to offices
- Due to insufficient funds, Wing A (admin offices and meeting rooms) and Wing D (incubator kitchen) were not completed and will be part of Phase II

Phase II – In addition to the last point above, this phase will also include roof repairs and the installation of solar photovoltaic panels.

- Funding Request: \$7.8M based upon current estimates
- Timing: request to be included in the upcoming biennium CIP budget
- This project promotes UH Mānoa as a state-wide campus

Committee's Feedback:

- Important to look at the use of electricity and health and safety issues.
- Recommend Facilities to take a look at the plans to assist in identifying areas that can be improved, especially regarding how the chiller plants will be set up.
- Campus Facilities Planning Board supports this project and supports CTAHR seeking funds for it.

Other Matters:

- Recommend developing a prioritization model for the legislature that reflects a sense of UH Mānoa's priorities and includes student participation.
- Previous meeting recaps approved and will be posted on website.
- Gartley Hall Update

- Engineering performing static analysis, goal is to stabilize the building so additional work can be done to determine cost to bring building into compliance.
- Have permission from consultants to go into the building to pull files for the Psychology department. In December, will empty out the building.
- Performing a trade-off study which looks into the cost for restoration or demolition and build new.
- In the process of organizing the move of Psychology into Sakamaki Hall and Krauss Hall.
- Cross ventilation in Gartley Hall is good. Originally built for classrooms. Basement is good for storage and equipment.
- Recommend redesigning Gartley Hall for historical design and integrity. Facilities will come back with a proposal to restore Gartley Hall and maintain integrity of the Quad.
- Underground water is a problem on the west end of campus.
 - A comprehensive study needs to be conducted on the subsurface flow which is occurring and not just the surface flow. Mānoa is sitting on a basalt matrix.
 - Drainage: Facilities met with the city to improve drainage on the mauka side, thru Mid Pacific, and onto the Mānoa campus. Will increase capacity (60" drain line) to something UH Mānoa can handle. The city's rationale is that they can only use city funds on city land which ends right at Mid Pacific Institute.
 - Recurring concern: spending so much money each time there is a flood. Can we have Geotechnical students do a study? Peter Crouch will see if there are student projects that can help with this problem. David Hafner will provide scope of work to Peter.
 - Recommend bringing the city and UH Mānoa together to work toward a solution that will be beneficial to both sides.
- Capacity: In 1972, there were 23K students. Today, there are 20K students with more faculty. The campus needs quantitative goals for student enrollment and an understanding of UH Manoa's capacity issues. Do we have enough classrooms? Who controls access to classrooms? Is there a need to change existing policies on space? What type of classrooms does Mānoa need?
- Vacancy rate/space utilization: working with architecture students to come up with a three (3) dimensional Building Information Modeling (BIM). The multiple sources of space information can be incorporated into the BIM. Phase I will be in the next 2-3 weeks on the classroom aspect. Target for completion is December 2009. Phase II will cover research space. Information on the number and type of space + quality of that space (reconfigure) is needed to make sound decisions; BIM project will help fulfill this need.
- With the number of classes UH Mānoa has, we can consolidate into four (4) days if classes run thru 6:30pm. Need to identify the types of classrooms in short supply. Need to also do a capacity analysis.

- Recommend applying capital rationing into decision making process. What is the best return for the investments made? Require the program side to be in sync with the facilities side. What is the academic plan for this campus?
- Recommend charging for utility usage for greater accountability.
- Option to consider: Technology fee charged to students to be able to provide them with quality classrooms.
- Academic Calendar Committee: Is in the process of reviewing implications for physical capacity, including recommendations to use space more efficiently. Supports capacity analysis.
 - Reviewing academic calendar to see whether it allows for facility renewal work. Are there enough logical breaks built into the academic calendar? Facilities will be working during the paid leave days to complete building projects during the down time. Giving facilities bigger blocks of time to do work is necessary.
 - Attempt to move to a trimester system.
 - Opportunities for summer conferences to generate revenue. Increase higher use of campus facilities.
 - Make Campus Center a study magnet, a social venue.
 - Students study more in groups vs. individually
 - Increasing student and faculty housing on campus will help attract and retain students and faculty.
- What are the next steps to increase quantity and quality of space?
- Will present discussions to Faculty Senate and BPW. Recommend small group to begin talks on student housing. Johnson Hall to be renovated.
- Meeting adjourned.