

Campus Facilities Planning Board (CFPB)

Summary Points of Meeting

March 3, 2011

Hawai'i Institute of Geophysics Room 210

2:00 pm – 4:00 pm

Attendees: David Hafner, Steve Meder, Kathy Cutshaw, Reed Dasenbrock, Clark Llewellyn, Amy Anderson, Peter Crouch, Vassilis Syrmos, Tom Katsuyoshi, Peggy on behalf of Paul Mitri, and Ann Sakuma

Kuykendall Hall Renovation

Presentation by the Center for the Built Environment and Lawrence Berkeley National Laboratory:

- This project is part of a US Department of Energy National Commercial Building Partnership Program. Technical support is being provided by the Lawrence Berkeley National Lab and the Center for the Built Environment at UC Berkeley.
- This project is only one (1) of three (3) nationally working to create a high-performance net zero energy design. The team includes experts in natural ventilation and acoustics.
- Information on the thermal comfort criteria for each of the three (3) different design scenarios (1-natural or hybrid ventilation, 2-mixed-mode, and 3-mechanically conditioned, fully sealed) was presented to seek CFPB committee approval on the “approach” so the team can proceed with the analysis phase to determine the system type and design applicable to each area.
 - Natural or hybrid ventilation: A naturally ventilated building. May be mechanically assisted to have minimal air conditioning. Acoustic and state of the art learning environment. Use of ceiling fans with operable windows.
 - Mixed-mode: Mostly naturally ventilated with air condition on some days for thermal comfort. Configurations include:
 - Concurrent: using operable windows with air conditioning at the same time in the same space.
 - Change-over: using operable windows and air conditioning at different times in the same space.
 - Zoned: using operable windows and air conditioning in different spaces at the same time.
 - Mechanically conditioned: Fully enclosed air conditioned building.
- Signaling systems: Balancing the benefits of manual and automatic windows via systems that indicate when it is good to open windows.
- In order to address energy savings and conservation, plan to have acoustical louvers on the mauka side of the building along with ceiling fans to fully utilize the trade wind flows. Will conduct analysis to derive the optimal combination for the design phase.

CONCLUSION: Committee agrees on the approach. The team will present their analysis to the committee on the above three (3) schemes and provide a recommendation at the next meeting.

Review of Spaces to be Vacated by ITS

According to data from the space survey, ITS currently occupies approximately 38,915 square feet on the Mānoa campus. The committee agrees to invite David Lassner to the next CFPB meeting to better understand the timeline and plans for the new IT building and space requirements going forward.

Review of Linked New Improvements and Relocation Plans

- Construction for the Sinclair basement renovations is targeted to begin August 2011.
- Since Sakamaki Hall will be converted into classrooms, the committee proposes to have the chancellor issue a formal request to UH System regarding the future location of RCUH and ORS.
- The History and Psychology departments will move from the 1st floor of Sakamaki Hall to the 2nd floor. This move will free up space on the 1st floor for 9-12 new classrooms making the entire 1st floor dedicated to student learning.
- A/C plan for Sakamaki Hall redone.

Review of Edmondson & Snyder Schedule and Financing (Update) – Dave Hafner

- Edmondson Hall – In design, will be shovel ready in December 2011, will be funded if we get Renovate to Innovate monies.
- Snyder Hall – In design.
- Other projects expected to be shovel ready by December 2011 include Gartley Hall and Kuykendall Hall.

Other Business

- The proposed design for a classroom building on the Henke Hall site is smaller and more reasonable and may provide the much needed surge space for the campus. The committee recommends a professional architect be involved in the design of the building and to have a tie-in to McCarthy Mall. Dave to check on the details of the appropriation for this project.
- Mānoa Innovation Center will be returned to the university in 2013.

Next Meeting: April 7, 2011

- Green Days – Committee agrees to continue Mānoa Green Days initiative.
- David Lassner – Status and update regarding new IT building.
- Kuykendall Hall Renovation – Analysis by design team.