

## **Campus Facilities Planning Board (CFPB)**

Summary Points of Meeting

July 7, 2011

Hawai'i Hall 309

2:00 pm – 4:00 pm

Attendees: Steve Meder, David Hafner, Peter Crouch, Amy Anderson, Reed Dasenbrock, Clark Llewellyn, Vassilis Syrmos, Tom Katsuyoshi, Mark Gilbert, and Ann Sakuma

### **Kuykendall Update**

- Project is currently in schematic review/design phase.
- 70% of the four-story building will be non-air conditioned.
- Natural ventilation or air assist mechanism with dehumidification process will be used for this building.
- Ventilation and acoustical control testing (design analysis) underway to ensure both mechanisms work together and not against each other.
- Wind tunnel testing also being conducted.
- A 65% to 75% reduction in energy usage is targeted for this building.
- Occupant surveys (before and after) will be done to understand usage patterns and to monitor progress.
- Monitoring equipment will be installed in the building to gauge energy usage.
- Data collected will assist the university on future building projects and also provide information to the campus community on energy savings.
- This type of building is the first for this campus and may require additional maintenance but the committee feels it is important for the university to invest in making this type of sustainable project work (experimental project necessary for future reference).

### **Gartley Update (see attached)**

- This project is an enclosed building that will be mechanically controlled, approximately 28K sqft, fully air-conditioned.
- This building will be occupied by the School of Social Work.
- Classroom space has been increased in the building (greater campus available spaces).
- Plan has been revised to be more open and accessible with increased top lighting.
- Energy Update: Previous kilowatt hours (kWh) per sqft for Gartley Hall were under 4kwh. According to Fung and Associates, it is expected to increase to approximately 27-29 kWh once refurbished. A typical office building uses around 23 kWh per sqft and a Leed Silver building uses around 19 kWh per sqft.
- The committee recommends establishing a standard kWh per sqft measure for architect/design companies to meet.

**McCarthy Mall Art Installation - January 2012 (see attached)**

- Artwork by Akihiko Izukura to be displayed for two weeks in January on McCarthy Mall and next to the Art Building.
- A fabric tunnel will run 60 meters from Varney Circle to McCarthy Mall. Ends of the tunnel can be folded up at night.
- Displays will be on the ground and hanging from the trees.
- 100% silk fabrics.
- Installation of the artworks is planned for January 12-13, 2012.
- The display will be on exhibit from January 13-28, 2012.
- Disassembly will take place at the end of January 2012.

**Conclusion: Committee endorses this project. The only concern is how the displays are attached to the trees. Recommend the appropriate parties work with the Landscaping unit to ensure safety and to minimize damage.**

**Campus Planning (see attached)**

- For discussion purposes only. No decision sought.
- Current campus planning initiatives include a host of plans, policies, and assessments.
  - o Green energy plan (David Hafner): Two (2) projects in the pipeline → lighting retrofit program + photovoltaic plan.
  - o Transportation Demand Management Plan (Mark Gilbert): Nelson Nygaard (consultant) met with users. Working with Auxiliary Enterprises, who is in the process of hiring a Transportation Coordinator. Large educational component involved. Working with city to maximize collaboration.
  - o Campus Landscape Master Plan – a comprehensive view of the campus landscape with circulation and concept design.
  - o Water/Drainage Sewage Master Plan – This plan will inform us of our current infrastructure capacity and will help us optimize landscaping → best practices of water and sewage management, implement solutions for the campus moving forward.
  - o Signage Plan (Mark Gilbert) – working on building identification signs, wayward signage, banners, and branding of the campus. Implementation is being planned by campus districts.
  - o Building and Design Standards/Guidelines – will go out for solicitation in the coming weeks.
  - o COE Master Plan – will go out sometime this month.
- The above parts will be interwoven to become a campus master plan for UH Mānoa.
  - o Key areas of focus:
    - College of Education Site:  
The Historic Division wants to keep buildings. Castle Memorial Hall will be kept for heritage purposes. A number of the other buildings can be changed. Want to aggressively plan to maximize usage and

return to the university. Potential 4-story COE building with mixed use for housing and vendor sites are under consideration.

- USDA/CTAHR Magoon Site  
USDA agreed to demo four (4) of the buildings. One of the buildings is being kept in agreement with CTAHR. Recommendations include faculty housing, commercial use, and expansion of the MIC.
  - Henke Hall Site
  - Bachman-Hemenway Site  
Move Henke Hall classrooms to Hemenway/Campus Center site
  - Mauka/Facilities Support Site  
LRDP currently has research buildings in this area with roads moved. Great location for the solid waste management system.
  - Lower Campus (between Athletics Complex and the Varsity Circle apartments)  
Majority of occupants are UH system offices.
- The Committee agreed that a framework needs to be established to address the following questions and points.
- How do the programmatic priorities of the university tie-in to the above site developments?
  - What are the guidelines that will lead the campus to make informed and viable decisions that will also take into consideration the concerns of the neighborhood boards and other constituents?
  - Look into improving access into the university.
  - Include an open space plan and shading into the master plan.

### **Other**

The supplemental budget to OCI will include Kuykendall renovation (\$34M) and the Snyder project (\$36M). Balance of request will include deferred maintenance + elevator repair system + parking structure renovation + master planning funds.