

Campus Facilities Planning Board (CFPB)

Summary Points of Meeting

April 1, 2016

Hawai'i Hall 309

12:00 pm – 2:00 pm

Attendees: Kathy Cutshaw, Lori Ideta, Debora Halbert, Cheri Vasek, Edward Hoogland, Kevin Griffin, Michael Bruno, Todd Simeroth, Kristin Kumashiro, Donna Kiyosaki, Jan Gouveia, Reed Dasenbrock

Guests: Sharon Williams and representatives from WRNS Studios and Sherwood Design Engineers.

1. LMP/Infrastructure/Water/Circulation & Accessibility Update (S. Williams):

Proposed Design Concept (see separate link for presentation):

- Project integration into the LRDP, including efforts to get the watershed into a special district eligible for funding to mitigate the 100 year storm.
- Utilidor vs Direct Buried: Two (2) trunk line options to organize the “spaghetti” of lines running throughout the campus via bundling.
- Drainage and storm water management: to capture and reuse storm water by having two (2) central utility plant (CUP) tanks on campus.
- Sanitary sewer and recycled water: CUP blending tanks to treat wastewater for non-potable reuse (irrigation).
- The campus currently has 64 chillers + loops cooling our buildings. A central chill water system will help reduce water, energy, and repair & maintenance.
- Target reduction of potable water use by 73% and total water use by 37%.
- Proposed plan also includes solid waste management, photovoltaics, circulation and accessibility, and landscape integration.

DISCUSSION: This proposed plan would be good to do in an ideal world. Due to the current budgetary situation and state of our facilities, the committee agrees that it is not feasible as an active path forward at this time. The Facilities department is moving toward a holistic approach to servicing buildings on campus and is looking at doing a pilot project to achieve cost savings at a smaller scale. Facilities will work to see what can be incorporated into current and upcoming plans to ensure energy goals and greater efficiencies can be achieved.

2. Campus Services (D. Huebler, C. Noffsinger)

- Original plans were to renovate the unused space in the Auxiliary Services building (formally a commercial bakery) to accommodate the growth of the Department of Public Safety (DPS). The original projected project cost of \$1.3M inflated to \$5M to bring the aging facility up to code to meet health and safety standards.
- DPS provides service to the campus 24/7, including emergency management and response.
- Space is needed to accommodate the growth of DPS, including a larger area for the communication center, the core for systems including CCTVs, access control alarms, and fire alarm monitoring. The current infrastructure does not enable appropriate

back-up power to be installed causing challenges on a real and regular basis.

- Campus Services here to inform the CFPB of their situation.

DISCUSSION: There are no viable options currently available from Planning's perspective that could meet the needs of DPS for a hard shell facility within the limited resources of the campus. Leadership would need to guide discussion and identify the direction UH Mānoa would like to go in. This exercise will help make informed decisions to ensure future benefits for the campus regardless of change in leadership.

3. BSL3 Update (M. Bruno)

- The opening of the JABSOM BSL3 operation has been delayed to April 15, 2016. The target use of the facility is May 1, 2016. Half of the JABSOM facility will be used for bacterial research and the other half for virus research.
- Problem with the basic design of the facility seems to be the cause of the frequent shut-down. Investing \$1M to fix the infrastructure problem is an option for consideration.

4. Strategic Planning Matrix (R. Dasenbrock) - <https://manoa.hawaii.edu/strategicplan/>

- The research and energy components of the draft strategic plans will most likely have a direct connection to the physical plant. Space requirements to fulfill the plans will be reviewed.

5. Facilities Update (J. Gouveia, D. Kiyosaki)

- NOAA Building → A walk through of the Annex facilities with Engineering and Research is scheduled for April 8, 2016.
 - Main Building – Awaiting funding plan from HSHK to cover renovation costs.
 - Annex 1 & 2 – Moving forward with assessment + cost proposal.
- A facilities summit was held to understand priority areas.
- Currently, deferred maintenance (DM) is \$500M. Would like to move from a DM plan approach to a holistic campus modernization approach → transformative projects that aligns programmatic needs with structural improvements.
 - The priorities of the UH Mānoa campus should drive the process.
 - With student projections and the new budget model, what will UH look like in 20 years?
 - A larger conversation, including the business community, is needed to develop a cohesive approach on how the university can help meet the needs of the state.

CONCLUSION: Jan and Donna will revisit this topic and bring options to the table for future discussion.

6. Space Requests (K. Griffin)

- Space requests have been received from a number campus departments, including Campus Services, Campus Resource & Service Center, Biosciences/Bioengineering, Center for Biographical Research, Study Abroad, Honors Program, Health Services, Outreach Program, CASSAS, Native Hawaiian Advising, and Welcome Center for Student Services.

7. Funding Update (J. Gouveia)

- Priority project list for UH Mānoa (\$7M)
 - #4 – Change Orders (\$800K)
 - #3 – CTAHR (\$2.5M)
 - #2 – NOAA (\$1.4M)
 - #1 – Master Plan (\$2.3M) → BOR did not approve.

8. UHM Project Work Flow Chart

- Feedback from persons with design and mechanical/technical experience needed.