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UNIVERSITY OF ARKANSAS VISITS HAWAII TO

PLAN & DESIGN THE WHITMORE AGRIBUSINESS TECH PARK

The Agribusiness Development Corporation, a state agency which , is working with the University of Arkansas Community Design Center and the HIDESIGN

Studio, a University of Hawaii School of Architecture community design center (CDC) and outreach program to plan and design the Whitmore Agribusiness Tech Park, a component of the Whitmore Project.

Schools of Architecture across the country have established CDCs to provide architectural and engineering services that encourage



community development efforts. Combining interdisciplinary academic initiatives, CDCs engage project stakeholders and collaboratively create a product that will be used towards the architectural design of a project. Architecture majors are also engaged during this process so students cant take part in the design of a project.

During their stay, faculty and students took various site visits to facilities purchased by the Agribusiness Development Corporation and historic sites in Wahiawa. In order to draft an appropriate master plan for the park, planners needed to understand Wahiawa's plantation history and how cultural ties should be intertwined with the revitalized facility. Infrastructure such as roads and pathways could be named after the fifteen pineapple plantation camps that existed before Dole decided consolidate worker housing into Whitmore Village.

Further, as farmers become tenants of the Whitmore Agribusiness Tech Park and occupy facilities we hope that they restore the historic façade captured in the Wahiawa Urban Design Plan. While the exterior will be reminiscent of the old Wahiawa Town the interior will be equipped with modern day processing and packaging equipment so farmers are food safety certified. A master plan gives tenants a baseline start of what needs to be built.

We hope to see an integrated plan that would support farmers and the nearby community.

COMMUNITY UPDATES

Hawaii Gas recently dedicated the new Waihonu Solar Farm with a blessing of the project facilities on the grounds of Honbushin International Center in Mililani. Senator Dela Cruz presented a certifi-

cate to celebrate an important milestone for renewable energy and sustainability in Hawaii.

In 2015, developers announced plans to develop the \$5.46 million solar farm. After one year the project has been completed. Comprised of Waihonu North LLC and Waihonu South LLC, for a combined total of 6.5 MW, the Waihonu Solar Farm is currently the largest active solar farm on Oahu and has the ability to power approximately 1,000 homes on the island.



Under the Hawaii Clean Energy Initiative, Hawaii became the first state mandated to achieve a 100% renewable portfolio standard by 2045. According to the Hawaii Energy Facts & Figures Report, the State's Renewable Portfolio Standards still remains at 23.4%. The development of these projects takes Hawaii one step closer towards achieving this goal.

The solar farm is contracted to sell electricity to Hawaiian Electric Company under a power purchase agreement. It is under 20-year initial term at a fixed rate of 23.6 cents/kWh. The direct current electricity generated by the solar panels is converted to alternating current electricity for use by consumers via the electric utility's grid.

