

## **Facilities & Sustainability Committee Meeting**

Wednesday April 7<sup>th</sup>, 2021 – 1pm Zoom Meeting

Admin: Co-Chair (Mike Giacomini in place and James Coggins) M&O; Faculty Co-Chair Pamela Kelley, Health & PE

Admin Reps: Mike Giacomini, VP Finance & Admin Services; Stephen Waller, Dean of Instruction Math, Biology and Physical Science, Vacant, Executive Director Maintenance and Operations (Mike Giacomini in place).

Faculty Reps: Chris McCraw; Dinorah Castro; Richard Allen Bolar, Jonathan Ward, Chris Benker, Tim Heasley, John Chicca, Fabiola Butcher

Classified Reps: Juan Torres, Delano; Kristin Rabe, BCTS – Media Services, Chris Glaser, Campus Safety & Security, David Landon Webb, M&O

SGA: Krystal Knox, Senator for BC

**Attendees Role for 04/07/21:** Mike Giacomini, Kristin Rabe, Chris Benker, Fabiola Butcher, Jim Coggins, Dinorah Castro, Pam Kelley, Tim Heasley, Jonathan Ward, Chris McCraw, Richard “Allen” Bolar

**Absent Role for 04/07/21:** Juan Torres, David Landon Webb, John Chicca, Chris Glaser, Krystal Knox, Stephen Waller

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### **Meeting Notes: **\*\*UNAPPROVED Facilities & Sustainability 04/07/21 Meeting Minutes\*\*****

#### **I. Approve Previous Committee Meeting Minutes (03/03/21 Minutes)**

- i. Motion to Approve: All in favor
- ii. Approved by Committee on 04/07/21 (Motion to approve: Chris McCraw, Kristin Rabe, Chris Benker, and All)

#### **II. Campus Reopening (Giacomini)**

- i. Return to campus: working on reopening and how we are planning on returning, waiting on our county, communicating to go through as many committees as possible
  1. Gove looking forward to reopen the entire states in mid-June, depending on trends, will find out in the next week or to wither trends continue in a positive direction
  2. Depending on county and state
  3. In our county, we continue to expand vaccinations
  4. Depending on changes in regulations every day from CDC, Cal OSHA, or State Gov, and depending on COVID numbers to get closer to immunity
  5. We are in process of returning to campus
  6. Administration in the weeks to month and then coming Fall looking closer to normal but not 100% back on campus

7. Put plans in place and we are optimistic either way. At some point we will be at 100% opening, if new variant comes out go into it with positive mind and a bit of skepticism to plan either way
8. Facilities doing what we an to provide safest environment, it is a shared responsibility model
9. M&O Deep cleaning and Sanitation more regular and even more for high touch areas such as restrooms areas, etc. Subject to change depending on how things are going
10. We have had some classes during the pandemic and have been successful
11. Some classes, M&O, IT, and Public Safety have been on campus, no transmitted
12. Successful year with On Campus Operations.
13. Bipolar Ionization put on all HVAC systems. Charges air with positive & negative ions that removes certain molecular bonds within the viruses such as COVID and like the common flu and once immunity COVID will be acting like the common flu. The Bipolar Ionization, they would not be sustainable and it will promote clean air, dissipated and more molecules caught in the air filters
14. Installed in 2 Phases
  - a. 1<sup>st</sup> Round in the most used building in the Summer
  - b. 2<sup>nd</sup> Round after Summer before Fall, all locations & buildings
15. Portable Units because not all classes have HVAC
  - a. For example: Some labs have swamp coolers, the portable would be in spaces like this
  - b. 1 unit has capacity to pick up to 3,000 sq ft. One is more than sufficient for high touch areas such as Student Services with Old 151 Class in CSS building. One stop for Student Services. Will be putting in portable due to amount of traffic on a consistent basis
16. Return to Campus, create safe environment 1<sup>st</sup> on our list to come back to campus
17. And continue to communicate to ensure people are being heard. During Presidents seminar, some people brought up concerns some addressed. And will continue to adjust and create a safe environment to come back to campus
18. Question:
  - a. Chris M. Labs based classes such as auto shop, woodshops, swamp cooler buildings not practical to move to a portable, what is the strategy
  - b. Mike: Lab style classes, we are going to improve sanitation standards, still shared model, and the the portable units are just as effective and the downside is replacing filters more often but it will allow air flow to circulate as best as possible through the space. They are a bit costly per square foot but the idea is to use make it safer, and the space helps with distancing and volume of air.

- c. **Tim H:** HVAC related to Aerosol on plexiglass. A recent report from University of Colorado states plexiglass depending on HVAC system can cause buildup of aerosols, (Tim shared study).
- d. **Mike:** That has been discussion with Jim Coggins and purveyors, plexiglass is good to reduce transmission when you have a closer environment such as student trying to work with financial aid. You want it to be as big as you need it to be because it does start to restrict the flow of air but we are being cognizant when trying to balance the two.

**ii. Commencement Virtual**

- 1. BC Commencement will stay a virtual environment. We wouldn't know if we can pull off commencement in person in the stadium. If we did, it would be capped at having max 100 people and we have 1000 graduates, regulations don't allow for large capacity. Virtual Commencement will be this year.
- 2. Next Year, plan for in person Commencement

**III. Measure J update (Giacomini)**

**I. Mike provided Measure J New Const PowerPoint (Visual from Parson's recent pics)**

**II. New Campus Center**

- i. Bookstore, Student Government, Executive Offices, Foundation, Edu Learning Labs for educational workshops within staff and faculty
- ii. Bigger committees, more flexibility and places to meet
- iii. 3<sup>rd</sup> Floor – 450 plus seated for dining for events and holds closer to 700 in Auditorium seating
- iv. Elevator signed off, waiting on approval from state, it's a slow process
- v. Lots of loose ends within this building but will refrain
- vi. Accelerated timeline, looking at a half a million sq ft new construction and renovation, 6yr timeframe
- vii. Recap, first project completed the VRC, turned out really well
- viii. In-Construction: Campus Center and in conjunction the Campus Center is a 2-building project 3 story building and moderation of Cafeteria and Fireside chat room
- ix. That part in is going to trail in Opening up Main building
- x. Custom made stainless steel until June
- xi. Pictures shown on Power point: Renovated Dining Commons and
- xii. Interior 1<sup>st</sup> Floor and 2<sup>nd</sup> Floor
  - 1. 1<sup>st</sup> floor SGA Space, Workroom for SGA, Faculty dining space
  - 2. 2<sup>nd</sup> Floor Foundation Boardroom, waiting area for Executive Suites, cubicles Executive Staff, and looking out over the bluffs from the conference room
- xiii. S&E
  - 1. 68,300 sq ft, massive building
  - 2. Steel erected

3. Concrete in majority of area, a lot of scaffolding
4. Impressive building

III. Memorial

- i. Broken down in 3 Phases
- ii. Phase 1 – completed new track & field and upgrading all
- iii. Phase 2 – completed updates to first level concessions and restrooms
- iv. Phase 3 - Updating 2<sup>nd</sup> level concessions and restrooms and press box

IV. Combined Gym & Field house

- i. Construction Started
- ii. 3 stories in size and 71,100 sq ft (not actually 3 stories)
- iii. Moving a lot dirt
- iv. One story underground infrastructure, somewhat underground
- v. From University Ave, looks like 3 stories high

V. Welcome Center

- i. In Design at DSA
- ii. Scheduled to start in April but pushed back until we have people moved
- iii. 12,500 sq ft
- iv. Waiting for completion of Campus Center
- v. Designed as One Stop Shop for:
  1. In-Coming Students, A&R, Outreach, Business Services, FA, etc.

VI. Admin Services Building

- i. In Design at DSA
- ii. In old Bookstore
- iii. Public Safety, HR, Marketing, Student Health Center, Institutional Research, Scheduling, Budget Office, Bargaining and Senate Office, Shared Conference Space
- iv. Depending on when they are able to start
- v. Scheduled completion May 2022

VII. Arvin General Educational Center

- i. Still in design and on schedule, close to completed design then to DSA
- ii. Oil derrick on property, and a lot of Pipeline and easements
- iii. Remediated and all the prepared and ready for construction
- iv. On schedule to for Feb 2023 completion

VIII. Delano Learning Resource Center

- i. 50% State funded project
- ii. Next 60 days or so coming out of DSA
- iii. Next step construction depending on governor's budget because its funded in stages
- iv. Provide a Librar. Study Hall, flexible classroom, tutoring labs student services, faculty offices
- v. Modular units will have to go away
- vi. Scheduled to be completion May 2023

#### IX. AG Building

- i. Tarring down current building and building on top of it
- ii. Working with Architect to get it refined and make sure it is fitted into space, we should get it back and then in a Design Schematic
- iii. Details Design Drawing for submittal to DSA
- iv. Anticipated to be completed in April 2024
- v. Green houses, shaded space, classrooms, labs, facilitate growth
- vi. Incredible look

#### X. Smaller Projects:

- i. Replace Elevator in Humanities building, was going out 3-4 times every semester, replaced with new unit
- ii. Water pressure, run sprinklers 24hrs a day, focus water early and evenings to not loose due to evaporation.
- iii. New and remodeled of nearly half a million sq ft

#### IV. **Sustainability Update** (Giacomini)

##### i. Solar Field

1. Offset energy use
2. Board approved
3. All Surveys done
4. Plans changed due to some challenges (ex: electrical wiring, there is a gas line in re-route)
5. Also working on all interconnection agreements, So Cal Electric Delano Campus and PG&E with BC Campus
  - a. Process 60-75 days for each location
6. Everything looking good for beginning with insolation
7. Beginning of this Fall estimating project completion, has to get done to see savings and take advantage of savings
8. 1<sup>st</sup> Phase attempt to save 75-85% Electrical Use
9. 2<sup>nd</sup> Phase 3-4 after AG building back online
10. Then see electrical usages for our new spaces
11. Some other renovations and mark adjustments
12. PG&E won't to allow use of system that is considerably bigger than what we currently use, for example: anticipation building a system at 110% and use of 95-200% of energy use of what we are going to need three years down the line, we can't do to this magnitude because we will become a utility.

##### ii. EV Charging Stations

1. Current Solar lot in the N/E corner of campus, 10 EV charging stations
2. Grant money helping offset some of the costs
3. Sustainability is not just saving water/electricity sustainability but also personal sustainability as well

iii. Peace Garden

1. In design phase, putting together schematics
2. Reflective area
3. Outside of library, nice lush quiet space, may have water feature
4. Working with AG on selection of the right plants and trees make it in Bakersfield climate
5. Hopefully done in Summer

iv. Wellness Path

1. Create environment where people can have a measured walk or walking meetings
2. Goal to have shade as much as possible, shade trees for when it gets warm
3. Three different paths
  - a. 1<sup>st</sup> 600 meters path at Get Bus between Business and Levan Center all the way to Humanities and AG Farm
  - b. 2<sup>nd</sup> one 2k path primarily to run through campus and around football field
  - c. 3<sup>rd</sup> 5k mile path uses a lot the outskirts of the campus and depths and tubes inside our campus
4. Goal to have different avenues for people to work on personal wellness and sustainability of self

Meeting Adjourned at 2:05pm