

Subject: MCC Facilities Focus Group Meeting	
Client: Metropolitan Community College	
Project: Center for Advanced & Emerging Technologies Construction Education Center Programming	Project No: 202261/177868
Meeting Date: 03/28/12 9:30 am – 10:30 am	Meeting Location: MCC FOC Bldg 21 Room 112
Notes by: Rachel Sibson	

Attendees:

Tim Wurtele, HDR
Rachel Sibson, HDR
Chris Ertl, HDR
Stan Horrell, MCC
Lindsay Neemann, MCC
Bernie Sedlacek, MCC
Sue Cullen, MCC
Robert Nirenberg, MCC
Daniel Lawse, MCC
Greg Stachon, MCC
Dennis Schlickbernd, MCC
Ed Piatt, MCC
Martin Vaughan, MCC
Jim Churchill, MCC
Frank Kompare, MCC
Jeff Gardner, MCC
Michelle Hackney, MCC
Myron Mayberger, MCC
George Vana, MCC

Topics Discussed:

Vision Statement:

“Establish a dynamic learning environment fostering **collaboration, integration, creativity** and **achievement**.”

Principles:

- a. Academic Synergy
- b. Interactive Problem Based Learning
- c. Flexible Spaces
- d. Industry Engagement

Campus Utilities:

- Bernie stated that TPO Roof is very slick, if mechanical equipment is up there, walk paths should be used.

- No distribution electrical equipment on roof, stated ICA has this set up and it's impossible to get to in winter. Roof top air handlers are always problematic at best.
- MCC suggested having a central generator system installed rather than having 9 different generators. Battery back-up lights do not work for the college.
- There is adequate power on the site.
- Service now comes in behind building 22; it is underground on campus and overhead off campus. 200 AMP.
- Bernie stated it would be nice to be able to back feed if power goes out.
- Stan stated there is a campus loop that has to be connected to. MCC prefers to have loop transformers. These assets will have to be looked at and evaluated.
- MCC stated that planning ahead to have additional connections is important, so as to not disturb the existing system.
- MCC suggested having a 6" loop. Will have to come off existing loop, piping in decent shape.
- High pressure sodium and LED lights don't look well together. HDR stated that for the new buildings, LED lighting will more than likely be used. MCC stated they prefer for the lighting to be consistent throughout.
- MCC stated they do not want any in-ground lighting. It fills with water and has ultimately been disconnected at FOC.
- MCC suggested a system like "Watt-Stopper". MCC does not want a proprietary system like the one being used for ICA. New buildings need to have an open communication system.
- Stan stated that the same level and type of visibility that is being used now should be used with the new buildings.
- MCC would like to have a manual system for overrides.
- MCC stated everything is metered and able to be read. Bacnet.

Easement and Site Constraints:

- Bldg 1 – 40,000 SF Bldg 2 – 50,000 SF. MCC concerned that this isn't enough space. Stan stated they will be multi-story buildings. Concerned about sewer easement. Stan stated building could be 3 stories high if wanted. Today, the focus shouldn't be the SF of the buildings.
- Bernie stated 30th Street backs up near 80th when it rains, building will need to be elevated and/or placed further back from the road.

Dock – Waste and Recycling:

- Dock will need to provide trash, recycling, room for forklift, dust collection, roll-off, truck access, and ramp for fork-lift.

Janitorial Services:

- Needs more discussion.

Security:

- Needs more discussion.

LEED:

- MCC would like to incorporate solar panels and solar hot water as a part of the building.
- Design the buildings to take advantage of passive solar heating as well as passive solar cooling.
- Building recycling systems from the start should be considered for the saw dust/wood chip removal.

Interior Finishes:

- MCC suggested going with polished concrete flooring.
- MCC stated they do not want KWAL paint, would like to specify Sherwin Williams.

- Restrooms should be solid surface counters only. Use in-wall cantilever, rather than external frame work. Use of raised edging, an ADA compliant hand dryer (World Dryers NOVA II) should be in place adjacent to the sinks, rather than across the room. Location and noise from hand dryers should be considered.
- Porcelain tile floor to ceiling in restrooms, no drywall because of the cleaning that is required.
- Acoustical tile ceilings in restrooms, to allow for access.
- No ceilings in mechanical/electrical rooms.
- Bathrooms should all have negative pressure.
- 1 inch partitions – Legacy manufacturing. (Should be in MCC Standards)
- Feminine dispensers – Bradley manufacturing. (Should be in MCC Standards)
- Will need interface walk-off carpet
- Extra outlets in the wall/floor (that are flush with the floor, to minimize tripping/falls) and/or furniture with outlets in them for recharging stations.
- MCC prefers Milliken carpets
- Any furniture that is powered will need to have separate circuit.
- Traditional classrooms need to be bigger, more flexible.
- Windows need to be deep enough to cover the blinds.
- If high bay lights are used, build in space/storage to get equipment in to change lights.
- MCC suggests installing a product that would protect the bottom half of the wall from chair/table/feet marks. Need to do something to save the walls.

Specific Space Needs:

- MCC stated making how the building works visible, would be a good learning opportunity for the students. Could set it up on a rotational dash board.
- HDR stated the building will be turned inside out so to speak, so all systems are exposed. HDR stated that some of the systems are quite loud and will selectively decide which items are showcased.
- Stan stated there is a dust collection system in place at the South campus. Duct system is QC – Quick Connect. Stan recommended using the QC system in the new buildings as well. System is unsightly; access for truck removal needs to be taken into account.
- MCC stated storage space is needed. Attic storage, furniture storage, a place to put filters near air handling units (not on open roof).
- MCC stated that a bus hub, like what is currently used at South campus, should be considered when constructing the new buildings.
- MCC would like to have a beefier service elevator than what is currently in the ICA.
- MCC stated they would not like to see any glass steps.
- MORE SPACE AND STORAGE!!
- MCC suggests building to 64 ft or 3 stories and shelling out the space to plan for the future.

Mechanical issues that needs to be incorporated via MCC's Design Guidelines:

- Motors need grounding rings
- Towers ground level
- Boilers-water boilers
- Welded
- Location of air-handlers and chillers needs to be considered. (In the MCC standards)

Action/Notes:

- HDR to receive/review MCC's standards.
- Send MindMixer link to all those in attendance.