

**MAS2202 Design Development - New Science Building**

Mass. State Project No. MAS2202  
Science, Nursing, and Allied Health Renovations  
Massasoit Community College, Brockton Campus, Brockton, MA  
2024-08-06 9:00am-11:00am

Attendees:

**DCAMM**

Stephen O'Conner	DCAMM Deputy Director of Construction
Orville Henry	DCAMM Construction Project Manager
Robert Anderson	DCAMM Project Engineer
Jenny Burton	DCAMM Senior Project Manager

**MCC**

William Mitchell	MCC VP for Administration, CFO
William O'Neill	MCC Exec. Dir. Of Budgeting and Fiscal Reporting
Jen Holbrook	MCC Staff Associate to VP of Admin, CFO
Gail Gibson Sheffield	MCC VP of Academic Affairs
Richard Hadley	MCC Project Executive
Chris Volz	MCC Head of Facilities
Cameron Pettiford	MCC Director of IT Services
Katie Ruggieri	MCC Dean of Science and Math
Mellany McFadden	MCC Earth Science
Bindeshar Sah	MCC Physics
Bill Hanna	MCC A+P
David Johanson	MCC Lab Tech
Kenra Twomey	MCC Chemistry
Ana Estabrooks	MCC Lab Tech
Rachel Fransiosi	MCC Math and Science Admin
Andy Oguma	MCC Biology

**DESIGN TEAM**

Marc Perras	JA Associate Principal
Sarah Tarbet	JA Senior Associate
Silvia Colpani	JA Project Manager - Allied Health
Mary Gillis	JA Project Manager - Science
Jessie Bennett	JA Project Designer
David McCullough	Page Principal
Alissa McFarland	Page Project Manager
AJ (Abdul) Khan	Page Project Designer

**COMMODORE BUILDING**

Robert Blanchard	CBI Project Executive
Sen Blankenship	CBI Project Manager

## **Agenda:**

1. Project Schedule
2. Current Floor Plan
3. Lab Planning & Development

## **Meeting Notes:**

1. Introduction and Project Schedule
  - a. "Science + Math" program title has changed to "STEM".
  - b. Further discussions will be needed to understand how this will impact signage and graphics.
2. Floor Plan Updates
  - a. The removal of the mechanical room in the bottom right corner of the plan creating a student lounge space.
3. Lab Planning
  - a. General Biology Lab (majority of notes apply to all labs):
    - i. We do not need locks on all storage, locks on flammable storage cabinets & microscope cabinets
      1. Dealing with individual keys to access equipment storage has been an issue for the adjunct faculty.
        - a. Padlock mechanism is preferred vs. keys. Page to research.
      2. Flammable cabinets need to have a physical key.
    - ii. Cabinets & Storage
      1. Cabinets are currently all painted metal.
      2. Open cabinets & shelving is good for storage.
      3. Savings in cabinetry has been targeted to achieve the budget. Sidewall markerboards with storage behind will be treated as an add-alt in all rooms except for Physics/Earth Science where more storage is needed.
      4. MCC believes current storage at primary marker board wall (approx 24' long) will be acceptable if add-alt for sidewall is not accepted.
        - a. Cabinets can be added along the sidewall at a later time if need be.
      5. No drying oven needed in general Bio.
    - iii. Accessibility
      1. Tables are adjustable in height; but not push button adjustable.
        - a. The front rows pre-set to 34"
        - b. Back rows pre-set to 36"
      2. Sink is accessible with proper knee clearances.
    - iv. AV/IT
      1. Do we need a specialized AV cabinet for equipment as a part of the cabinetry at the teaching wall.
      2. Possibly could be a podium
      3. JA to raise these issues with the MCC Technology team.
  - b. Flex Biology/Earth Science Lab:
    - i. Scullery sink
      1. All scullery sinks will be made accessible. PAGE to confirm
      2. S05 size is confirmed acceptable.
      3. Page will add sediment traps to all Earth Science lab spaces.
    - ii. 12-24 microscope storage based on the microscope size.

- iii. Faculty will discuss and confirm if a full set of stereoscopes/microscopes will be stored in this lab.
  - iv. Deeper cabinets behind markerboard are for bone boxes. Just one in bio flex F01 - see Page markup.
- c. Earth Science Flex Labs:
- i. Pegboard drying rack is needed in this lab. One is adequate.
  - ii. There are many existing drying racks that could be reused.
  - iii. One sink other than the scullery sink is accessible
  - iv. Glass cabinets are not preferred in this lab because of mess, but the other labs have glass cabinets
    - 1. Its recommended science standard is glass cabinets, allied health solid cabinets.
- d. Physics/Earth Science Flex:
- i. Sink configuration to be identical to Bio Flex lab.
  - ii. Back wall is open for maps and other materials
  - iii. Air tracks can be stored on the back cabinet @ the back wall
    - 1. The ones the MCC has are 6'-7"
  - iv. This lab is the one that will need most storage for odd shaped objects (like guitars)
    - 1. Tall cabinets for storage but also drawers and shelves, adjustable shelves
    - 2. 5/LP-116: markerboard with cabinets storage will need adjustable shelves. This alternate will be good for storage. 4' standard height marker board is acceptable for storage behind it
  - v. Bigger drawers at 3'-0" wide.
- e. Physics/Earth Science Storage:
- i. A refrigerator is needed, but the one Page is showing might be too big. A standing fridge/freezer unused from another space would be nice to have.
  - ii. Page will enlarge scullery sink in this location
  - iii. Special outlet for drying oven. Page to update
    - 1. F15 bee cabinet: can it be moved to the bio-prep space? Or in a bio room or earth science bio flex room. Page to look for another location for bee cabinets, MCC also to discuss internally.
    - 2. Interns need to have bees on hand. Do not need to be secured. 3 tall cabinets, 1 short.
    - 3. Confirm the existing wood rock cabinet is being reused.
    - 4. Racks next to F01 in place of F08s (shelves) - adjustable rack storage shelves are fine.
  - iv. JA to eliminate (infill) the window in the mudroom for more wall space.
  - v. Map cabinet: add working surface on top.
- f. General Chemistry:
- i. Do not need pegboard drying racks here.
  - ii. Use a lot more drawers rather than cabinets.
  - iii. F01 Shelving dimensions are fine for tall storage in this lab.
- g. Chemistry prep & Instrumentation
- i. Chemical storage has been expanded for accessibility
  - ii. Key card for access
  - iii. Flip door swing into chemical storage, 42" door is not needed
  - iv. Check accessibility clearances
- h. Organic Chemistry:
- i. Change one of the long 3ft drawers to a regular cabinet with swing doors.
  - ii. Teacher station to accommodate a document camera. This is true for all labs.
- i. All labs will need a hardwired internet connection so that they won't just rely on wifi during classes
- j. Chemistry Prep:

- i. Door to Chem storage will want to swing out and does not need to be 42". JA to change in plan.
- ii. More cabinets are to be added to open wall space within the Chem Prep area.
- k. A&P:
  - i. Ventilation in the animal storage room is imperative, JA to confirm with Salas.
    - 1. The current biggest issue is mold, not chemical smell.
  - ii. Flip door swing in prep rm going into specimen storage
  - iii. Flip door swing to specimen Storage.
  - iv. Would like to increase number of places that microscopes are stored, at a lower level.
  - v. Will not use cubbies at the front of the room for backpack storage because of class disruption.
    - 1. Cubbies will instead be used for bone boxes
  - vi. Microscope connected to a camera. Needs spaces for a permanently installed near the teaching table connected to av.
  - vii. Two bio laptop carts (lockable), need to allocate space for them. JA to confirm dimensions from spreadsheet.
  - viii. Requested that A&P and Earth Science have solid cabinets
    - 1. There is some concern of objects being taken from cabinets if they are visible.
    - 2. Revisit solid versus glass front cabinets at a later time.
    - 3. Bioprep, cell, micro, molecular biology to be reviewed at a later date along with the Greenhouse review. Remote meetings are ok for MCC.

End of minutes