
Meeting No.: 5 – Building Committee
Topic: Design Development
Present: See attached Attendance Sheet

1. **Room Data Sheets:** DSA presented (5) copies of the September 7, 2006 version of the Room Data Summary. Furniture layouts are at a schematic level and furniture is indicated for sizing and location purposes only at this time. The storage volume indicated is based on information presented by CMU in past meetings. CMU will review the areas noted below and provide a single marked up document for DSA's use and incorporation into the final Design Development plans. Areas that may require particular attention include:
 - a. **Charter Schools:** Existing furnishings don't fit within the conceptual sketches provided by CMU at some locations and some executive offices are configured without all of their current furnishings in place. CMU will advise on strategies to proceed.
 - b. **Classrooms:** Refer to the building technology below.
 - c. **Science Methods Labs:** CMU will advise on the need for fume hoods in the Methods Labs and confirm the specific utilities required at the wall and/or at benches.
 - d. **CALI Lab:** DSA Main purpose of space: bring technology into the building and provide exposure, in an academic setting, to the latest classroom instructional methods and technology. This space should include raised access flooring.
 - e. **The Centers:** DSA has subtly reworked the plan of that area to accommodate the storage requirements established by CMU. DSA recommends that this area be reviewed with the end users.
2. **Building Technology Package:** Room orientation and configuration are both critical path items. Based on these decisions, MEP will establish the infrastructure necessary to support these spaces and therefore the Design Team requests that CMU carefully consider these items. Digital versus Analog distribution technology will impact future design decisions; based upon conversations at this meeting the Design Team will pursue a digital solution throughout the facility.
 - a. **Room Orientation:** Primary displays are oriented toward the main corridor in lieu of the 'short' walls or the exterior walls. Secondary displays can be provided along the short walls. Up to (6) secondary projectors may be accommodated with 5-6 people at each technology point. Smaller classrooms have a centrally located primary screen and an angled secondary. CMU questions: Laptop operation of secondary projectors – How are student laptops interfaced into the network and projector? Student laptops will be hard wired network points at each projector. Do all classrooms offer similar levels of technology support? DSA has indicated a similar level of infrastructure at all classrooms.
 - b. **Typical classroom technology:** Typical classrooms will be provided with a lectern annotation tablet (flat panel display), keyboard, mouse, and AV rack / printer. This equipment is located along the shared wall on current plans. A remote location for AV support equipment is acceptable. CMU questions: What is the proposed lectern shapes, size, and configuration? DSA is showing a relatively small lectern model, but final design

direction is pending. CMU cautioned that sufficient ventilation is critical for integrally or co-located CPU.

- c. Classrooms adjacent to the light wells: DSA proposes two options for projection within the classrooms: a) retractable screens b) direct projection onto glazing. Direct projection can be enhanced by the use of factory or field applied films on the surface of the glazing. Retractable screens are a traditional solution addressing the requirements of digital projection. Based upon input from CMU, DSA will assume designated classroom glazing will be used for writing and not for projection.
- d. Tab-tensioned Screens: Not critical in lower resolution, but always beneficial for superior projection. Electrically operated screens have high levels of reliability and offer end-user benefits through integration with classroom controls. DSA will proceed with the design including electrically operated screens where appropriate.
- e. Small group meeting areas: The use of embedded flat screen displays is a nice idea. Storage in the small group storage is acceptable, but not required for technology based requirements.

3. **Interior Finishes:** DSA provided an update to previously presented interior finishes.

- a. Child Development Center: DSA reviewed suggested interior finishes with representatives from the Child Development Centers. At this time all finishes presented are accepted.
- b. Corridor Finishes: Trespa versus Plyboo – Cost competitive materials and thickness. Plyboo offers material strength comparable to maple or oak. CMU has undertaken some material research and has been encouraged by the materials qualities and aesthetics.
- c. Display cases: Generally located at each department (4) plus Centers and Apparel Marketing in front of the Auditorium. Building signage and displays will be included into the design of the corridor elevation.
- d. Classroom Finishes: Resilient versus carpet tile flooring; DSA proposes using the same material that is used in the CDC. Carpet options include products by two different manufacturers. Hard surface flooring limits beneficial sound absorption in modern classrooms, but is more easily cleaned and maintained. CMU requests that DSA provide non-carpet finish options for next meeting.
- e. Group Study Rooms: Slate, Terra Cotta (Glazed on the interior- Bob suggested acoustical). These stacked spaces will all have very similar finishes to increase continuity between these areas.
- f. Human Development Clinic: A more refined and softer palette of finishes for a calming affect.
- g. Faculty Offices: Option to go warm or cool tone within the flooring. Intended to work with Charter Schools existing.
- h. Dean's Suite: Subtle vibrancy, texture to the flooring

4. Q+A Session:

- a. Smoke evacuation system: CMU has no concerns in using the main entry doors as part of the smoke evacuation system.
- b. UPS System: CMU will confirm the extent of any UPS systems required for the building.
- c. Snowmelt: DSA will provide snowmelt at (6) locations total. Where indicated, the snowmelt will extend to 25' beyond the edge of the building; the extent may be reduced at the play entrances.
- d. Fume Hoods: CMU will verify if hoods will be required in the Methods Lab.
- e. Aramark Contract: CMU will follow-up with Aramark and establish a coordination meeting
- f. Departmental Cage Storage: Provided storage in central areas will be sufficient.

5. Schedule:

- a. DMB: Offered DSA a cautious but open answer that ... Suggests follow up with DMB in the coming weeks to review system with the project manual
- b. Board Meeting:
 - i. Wednesday evening: DSA will prepare a 15-minute informal presentation to the Board. The presentation is scheduled to be held in the Mt. Pleasant Room in the University Center.
 - ii. Thursday afternoon: DSA will present an overview of the project to date as well as a forward thinking session. The audience will include both the Board and the larger community. DSA will plan on a 15-minute presentation with a 10-minute Q+A follow-up.
 - iii. PA 345 of 2006 and subsequent acts are the funding vehicle for the project.

6. Next Meeting. The next meeting will be Thursday, September 21, 2006 at 1pm

The above represents the items discussed and conclusions reached. If there are any required clarifications please contact the undersigned.

Andrew J. Hetletvedt, AIA

Distribution: Meeting attendees
DSA project file