

November 6, 2012

VIA Email

Mr. Bruce Locke
 Capital Development Board
 James R. Thomson Center
 100 West Randolph Street, Suite 14-600
 Chicago, IL 60601-3283

Re: Science Building Addition and Renovation Project
 College of Lake County, Grayslake, IL
 CDB Project Number: 810-056-025
 Architect's Project Number: 211001.00
Core Group Meeting Minutes

Summary of a Core Group Meeting held at 9:00 am on Thursday, November 1, 2012 in room A261 at the College of Lake County. These notes record our understanding of items discussed and decisions made at this meeting. Please notify us within seven (7) calendar days of any necessary additions or corrections.

PERSONS IN ATTENDENCE

Bruce Locke..... Senior Project Manager, Capital Development Board
 Dave Agazzi..... Vice President – Academic Affairs, College of Lake County
 Rich Haney Vice President – Educational Affairs, College of Lake County
 Arlene Santos-GeorgeAssistant Director for Ed Affairs, College of Lake County
 Bruce Moy..... Instructor Chemistry, College of Lake County
 Maureen Robinson..... Associate Dean Biology & Health Science, College of Lake County
 Steve Dulmes.....Instructor, Laser Photonics Optics, College of Lake County
 Cindy Trombino.....Instructor, Biology, College of Lake County
 Shane Jones.....Instructor, Biology, College of Lake County
 Tara Simmons.....Instructor, Biology and Chemistry, College of Lake County
 Mary Urban.....Instructor, Biology and Chemistry, College of Lake County
 Scott Foster..... Project Engineer, Affiliated Engineering, Inc.
 Burcin Moehring.....Lab Planner, Legat Architects
 Scot Parker.....Project Manager, Legat Architects
 Scott Steingraeber Legat Architects
 Steve Brubaker Brubaker

ITEMS DISCUSSED

1. Current floor plans of the building addition were reviewed and the following items were discussed:
 - a. There is a core area at the west end of the floor plan containing a stair, an elevator, washrooms, and building utility space. There is a second stair at the east end.
 - b. An earlier concept included a monumental stair in the atrium. This has been eliminated to save costs. The two other stairs will be made wider to improve the users' comfort.
 - c. Having some glass around the stairs is desirable, but this needs to be balanced with the code requirements for fire separation from the existing building.

Science Building Addition and Renovation Project

College of Lake County, Grayslake, IL

CDB Project Number: 810-056-025

Architect's Project Number: 211001.00

Core Group Meeting Minutes

November 6, 2012.....Page 2 of 4

- d. Both stairs and the elevator will go to the penthouse level.
 - e. The washrooms at the east end of the addition are very close to some existing washrooms. Several reasons lead to them being placed here. It was our understanding that the existing washrooms are heavily used, although it was suggested that this may be false. Thinking about the future student services, this corridor intersection will become even busier. It may be more desirable to have them near the new south campus entry. CLC will consider this and confirm the location within two weeks.
 - f. Multiple layouts for the Engineering spaces were presented.
 - i. The classroom will be used for instruction using some low level lasers. Therefore, exterior light is not desirable, similar to the laser labs themselves. This room may be used for other disciplines, as well.
 - ii. The option with the open lab area to one end of the floor may be more desirable for teaching in the room, but having all laser labs accessible along the atrium could be beneficial.
 - iii. The Engineering office needs to be near the open lab, but also accessible from the main corridor. It should be sized to house three faculty members.
 - g. The overall building area is still a bit higher than programmed. One way to reduce square footage is to eliminate the secondary corridor between the Engineering spaces and the Atrium. This will impact some student space within the atrium. This change also results in some structural columns falling within some Engineering spaces. This will be reviewed in greater detail.
 - h. Chemistry:
 - i. The layouts on levels 2 and 3 have not changed. The three smaller labs are scheduled to have 8 fume hoods, 4 on the east and west walls. The two larger labs are scheduled to receive 10 fume hoods.
 - ii. The two faculty offices are shown off the small corridor near the elevator, one on each floor. Signage needs to be considered to make sure the offices can be found easily. The size of the third floor office will be increased to fit three occupants.
 - iii. There does not need to be a door between the offices and the adjacent lab. This will be deleted.
 - iv. May consider swapping one of the third floor Instrument Labs with a second floor storage room. Focus group to discuss further.
 - i. Student space is planned in several areas.
 - i. On the north side of the first floor in the atrium.
 - ii. A coffee, snack counter is planned near the elevator. It has not been determined who will operate this counter. With food service moving north to the center of campus, it may be desirable to have sandwiches available here, in addition to coffee and snacks. There will need to be a focus group to review the requirements for this area.
 - iii. Several areas on the upper floors, over the vestibule, and along the edge of the balcony.
2. Steve presented exterior design concepts.
- a. Designs including brick and metal panel are being considered. The costs of both are being studied.

Science Building Addition and Renovation Project

College of Lake County, Grayslake, IL

CDB Project Number: 810-056-025

Architect's Project Number: 211001.00

Core Group Meeting Minutes

November 6, 2012.....Page 3 of 4

- b. The existing brick at CLC is three colors. Using combinations of these in different groups or patterns is being studied.
 - c. Three colors of metal panel matching the brick colors are being studied. These will be custom colors, so it is difficult to acquire samples ahead of time. Paint colors can be selected for review.
 - d. To support the LEED goals regarding daylighting and views, windows will be provided into all regularly occupied spaces, except where natural light is detrimental to the function.
 - e. There is a long canopy extending east to strengthen the new south entry concept.
 - f. Photovoltaic panels have been considered on the south wall, but for cost reasons, we're working on layouts to fit them all on the roof.
3. The site design was discussed.
- a. A drop-off road is planned at the east entry, running under the long canopy.
 - b. The geo-thermal field is planned to go in the existing faculty parking lot, but close to the new building to reduce the amount of paved area disturbed.
 - c. The drive and visitor parking area are shown to remain.
 - d. Dave indicated that, in addition to the improvement needed for this project, master plan funding has been identified to improve the parking areas south of the new building.
 - e. Green space south of the building or within the parking area is desirable. Reworking the circulation could improve the efficiency to allow some open areas without losing parking spaces.
 - f. Moving the visitor parking to the lot east of the Performing Arts building would make this more centrally located.
 - g. It was agreed that Legat would develop some design studies of the site south of the addition to Brae Lock road. Once a concept is approved, we can identify what portion needs to be completed as part of the science project.
4. Engineering items:
- a. How the fume hoods are operated will have a significant impact on the building energy use. AEI has studied several concepts for fume hood operation. Operational strategies to allow a majority of the fume hoods to be decommissioned (turned off) over night or weekends and holidays could reduce the energy consumption by as much as 20% over full-time operation.
 - b. It is anticipated that certain fume hoods would remain on for storage, but others could be decommissioned or at least have their flow rate significantly reduced at unoccupied times.
 - c. Legat will issue data on different styles of fume hoods ahead of the focus group meetings.
 - d. One of the four laser labs will need 100% exhaust. The other three may need some type of flexible "snorkel" exhaust system.
 - e. The general engineering lab does not have specific exhaust requirements.
 - f. The classroom could be used by chemistry for minor demonstration, so some exhaust may be needed.
 - g. Dimmable LED lighting in the engineering areas is desirable. Being able to turn off different wave lengths is also beneficial.

Science Building Addition and Renovation Project

College of Lake County, Grayslake, IL

CDB Project Number: 810-056-025

Architect's Project Number: 211001.00

Core Group Meeting Minutes

November 6, 2012.....Page 4 of 4

5. Focus groups meetings are scheduled for Friday, November 16th. Legat will issue packets of information several days ahead of this meeting to give the faculty time to prepare for the discussion. The engineering focus group meeting is scheduled for 11:00 am, but if this can be started a little earlier to accommodate one of the faculty members, it would be desirable.

6. The next Core Team meeting will be Thursday, December 16, 2012 from 9:00 to 10:30 am.

Thank you.

Sincerely,
Legat Architects, Inc.



Scot Parker AIA LEED AP BD+C

cc Ali O'Brien, Ted Johnson, Steve Holman, Rob Twardock, Mark Coykendall - CLC
Jeff Sronkoski, Vuk Vojovic – Legat
Danielle Kowalewski, Kelly Mills, Bill Schmidt – Terra Engineering
Marvin Fitzwater, CCS

File: 211001.00B

FILENAME: 211001 CORE - MM 110112.DOCX