HDR THA ARCHITECTURE

MEETING NOTES

Meeting Date	: January 26, 2009	Project	: UO Lewis Integrative Science Building
Author	: Becca Cavell / Laurie Canup	Job No.	: THA Project 0810
Re	: Programming Phase – Coordinating User Group Meeting 2		

Present:

CUG Members:
Jim Hutchison (co-chair)
Mark Lonergan
Andrzej Proskurowski
Michael Jefferis
Helen Neville
Rick Glover
Deitrich Belitz
Bruce Bowerman
Lou Moses (co-chair)
Mike Haley
Rich Linton
George Sprague
Richard Taylor

Campus Planning
Fred Tepfer
Emily Eng

Consultants
Roger Snyder, HDR, managing principal
Chuck Cassell, HDR, lab planning principal
Regina Filipowicz, HDR, lab planner
Thom Hacker, THA, design principal
Steve Simpson, THA project designer
Laurie Canup, THA project architect
Becca Cavell, THA project architect

Summary Notes

2. 1 Introductions/Agenda
2. 2 Chuck proposed the following buildng modules for the Lewis project to create a modular, flexible building based on a meaningful space system, allowing easy future retrofitting.:
    - For the Lab, 28'-6" x 10'-8"
    - For the Lab Support zone: 13'-0" x 10'-8"
2. 3 Chuck showed a series of diagrams illustrating how the program might fit into the module.
    - Module diagrams become 2D representations of the program.
    - Chuck showed how "bench" and "dry" labs might fit into the module.
    - Diagrams show walls and doors diagrammatically; three bench bays are grouped, approximately representing the average amount of lab space per faculty member but the diagrams are not intended to imply ownership of space.
    - Student desks can be located within labs or in the support space zone.
    - The line between support space and lab can be moved if appropriate.
2. 4 The team noted that the Cognitive Neuroscience program needed the most work after the first round of programming. Lou noted that the concept of shared spaces might not work for this group.
2. 5 Office location relative to lab space was discussed.
    - Benefits of separate offices from labs include more efficient mechanical and structural systems, different interaction paradigm; Safety benefit is that students don't have to travel through lab for office visits.
    - Offices separate from labs is not the model used in Streisinger.
    - George: he personally likes having his office close to his lab.
    - Bruce: Molecular Biology is open to idea of office outside of lab because it encourages interaction among PI's.
    - Mark: if this is a truly shared space, the office becomes less important.

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- Richard: how we are achieving cross floor connections? The team responded later in the meeting by showing stairs and bridge connections across the atrium.
- Bruce: Klamath is a bad example of how to handle clustered offices outside of lab spaces.
- Jim: a good separation of offices across open spaces will help create vertical interaction. This will be the key to collaboration and the visual connections made while walking to one's office will foster connectivity.

2. 6 Chuck reviewed Draft 1 of the program in detail and reminded users that the first step in the process is to get the numbers correct even if they come in high. The second step will be cutting back to meet building target goals. Chuck explained that the labs were categorized into two types – "Bench labs" which are more intense with infrastructure and "dry labs". Another way to say this would be chemical lab vs. non-chemical lab.
    - Molecular Biology shows 5 labs: 2 Mouse Genetics and 3 Neuro-Bench
    - Material Physical Sciences shows 13 labs characterized relative to fume hood density (low, medium and high density).
    - Mark noted that his group plans to use labs as shared facilities.
    - Onyx Bridge labs include 5 which is a reduction from the previous count of 8. The project will need to fund a lab space renovation in another building for one lab, and the other 2 labs have been eliminated from the program because they are included elsewhere in the program and had been counted twice..
2. 7 Shared space – how is it accounted for and how will we track it? Currently it is additive, but perhaps there is a way to double up and share, saving space overall. Fred: the number looked too high, but it shouldn't be deleted. Chuck: it is more about shared space than SF/Faculty.
    - Neuor/Mol. Bio. + Material/Phys. sciences will generate lists for their groups.
    - All groups are to pull together possible shared space list and send to Fred. (homework)
2. 8 Chuck said that Cognitive Neuroscience was the most difficult to quantify. There are 3 kinds of spaces needed. Data collection Labs, Experimental Space, and Office Space.
    - CUG to send us numbers of graduate students (homework)
2. 9 Informatics – Computational Informational Systems was discussed. Depending on the goals, there might not be enough space.
    - Jim questioned the current vision for infomatics and suggested that the group needs a stronger vision and take a hard look at space allocation. Should the space should be integrated throughout the project in shared space?
    - Becca: there is an interest in creating an Informatics "storefront" which could interface with scientists and the broader UO community to help solve data-based problems.
    - Part of the Informatics program is for a CyberLab that can serve many functions and offers a "visioning" function. This could be a compelling semi-public space in the building.
    - Bruce asked about renovating space elsewhere to serve this need.
    - Fred: this is not Information Technology (IT), but is a program component on the science side about using computational tools and knowledge to help bring together scientists to solve problems.
    - Becca: can other users could attend the next informatics meeting so that a greater vision and understanding of the goals could be set? (homework – identify attendees)
2. 10 Chuck told the group that at some point, quite early in the process, the Program will no longer be referred to; it is an essential tool to help us begin the design process.
2. 11 Thom presented a series of slides. First he reviewed the site conditions, and diagrams previously shown to the User Group, then showed five diagrams of possible configurations of the building program on the site. Chuck noted that these diagrams show 100,000 GSF on the site, not the larger program currently shown in the program spreadsheet and summary.

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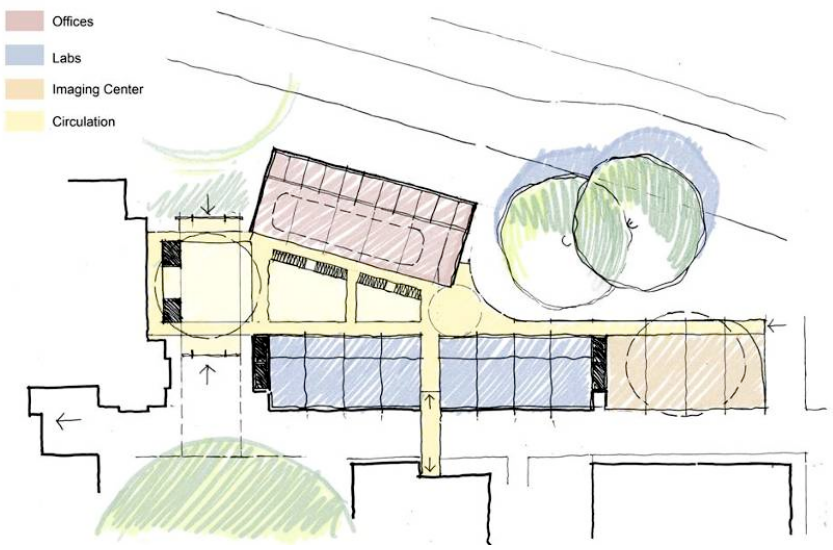
Option A

Based on sketch shown during the interview, this Option places the offices in a consolidated block to the north, with a bar of stacked labs to the south.

All Options show the MRI or Imaging facility on the east side of the site – the group discussed reasons for this approach and agreed that it seems a practical layout.

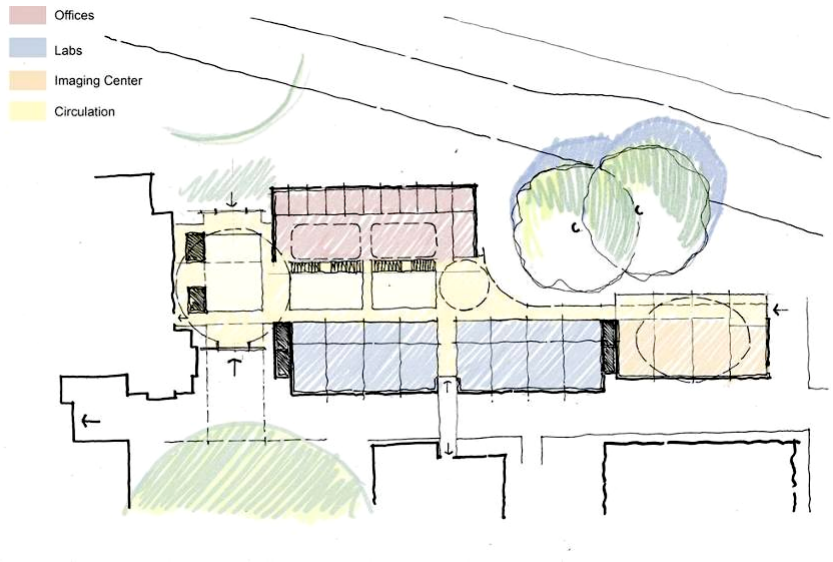


Option B

Option B respresents the same layout as Option A, but without the angled north wing.

This approach creates slightly less enclosed space and may be more affordable.

The relationship of the building to Streisigner and the Vivarium was discussed.



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Option C

This Option shows blocks of lab spaces to the north and south of an open space, with “saddlebags” of office spaces at three of the four ends. This located offices close to labs but fails to consolidate faculty offices.

Option D

This Option shows labs to the north and south of an open space, with faculty offices consolidated to the east.

Option E

Option E places all faculty offices in an eastern wing.

As in Option D, the office space could have a different floor-to-floor height from the laboratory spaces.

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2. 12 Thom reminded the group that the rectangular and the trapezoidal shapes are interchangeable at this time. A smaller atrium might be needed to meet budget goals.
2. 13 Fred: How to naturally ventilate the office core if it is close by to Franklin (noise, dust, etc.)?
2. 14 Fred: can you could isolate the office bar and change floor to floor for that zone? Can you incorporate the Cognitive Psychology area iwith the office bar?
2. 15 Chuck asked about graduate student / post doc relationships to the laboratories.
    - Mark stated the post doc needs to be close by to the lab for safety reasons.
2. 16 Chuck said that chemical vs. non-chemical is important to understand now.
2. 17 Chuck will update the program and it will be distributed to the User Group.
2. 18 Meeting adjourned at noon.

Homework:

- CUG to provide design team numbers of graduate students
- EE to invite broader audience to next Informatics User Group meeting
- Chuck to update program and distribute to CUG.

END OF NOTES

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