

MEETING NOTES

Meeting Date : April 15, 2009 Project : UO Lewis Integrative Science Building
Author : Regina Filipowicz Job No. : THA Project 0810
Re : Neuroscience / Life Science Bench Lab User Group SD Meeting 1

Present:

User Group Members

Lou Moses, Psychology
Mike Wehr, Psychology/ ION
Karen Guillemin, Biology / IMB
Alex Ojerio - OVSAC

UO Representatives

Fred Tepfer
Emily Eng

Consultants

Chuck Cassell, HDR, lab planning principal
Regina Filipowicz, HDR, lab planner
Becca Cavell, THA project manager

Summary Notes

1. Goals for the meeting were discussed; primary objectives were to determine the types of spaces required and where those spaces occur as well as service utilities.
2. As atrium space is developed home base locations could move; home base locations should be sited at optimal traffic locations.
3. Controlled Environment Rooms: There should be two, (1) Cold Room @ 4°C and (1) Warm Room @ 37°C. Cliff was pushing for (2) CER's, but the users may be able to suffice with one.
4. Rename Chemical Storage Room to Storage.
5. There should be (2) 6' Biological Safety Cabinets for each Tissue Culture Lab.
6. It was noted that Cliff, Phil and Mike collaborate a great deal as they are major mouse users, so it makes sense for them to be located on the same floor.
7. Mo Bio (6) Module laboratory (Phil Goes Option) - *refer to Figure 1*
8. Life/Neuro Electrophysiology Labs should have the following:
 - (1) Tissue Culture station
 - (1) Fume Hood Alcove
 - (3) Sink locations in open labs
9. Fixed lab benches at perimeter walls with movable tables in the center.
10. Electrophysiology Lab doors should have hollow metal frames
11. Service Utilities Required:
 - Natural Gas (for Bunsen burners)
 - Lab Air (clean, dry air) @ 15-30psi
 - Lab Vacuum at benches
 - Purified Water at lab sinks (1-3 megohm)
 - Purified Water connection at specific lab sinks with an electrical outlet for user furnished water polisher (up to 18 megohm)
 - PE (pipe exhaust) – 1"Ø
 - (4) 110V outlets per workstation
 - 208V, 30A receptacles to be located in equipment rooms.
 - Data outlets required in all labs and support spaces
12. Valves for service utilities to be located above lab tables in open labs – *refer to Figures 2 & 3*

NOTE: Attention Attendees! Please review these notes carefully as they will form the basis of future work on this project. If you feel that anything is incorrect or incomplete, please call the author at 503-227-1254.

13. Rig Rooms require sound level of 40dba; it is key to keep noise level down in these rooms
14. Background noise in Mike's open lab currently 80dba which is much too loud; should be around 45dba.
15. Rig Rooms have high density power requirements which will generate high heat loads.
16. Rig rooms require shielded fluorescents and/or remote ballasts.
17. Safety Showers to be located in the equipment alcoves; eyewash/drench hose units to be located at lab sinks.

END OF NOTES

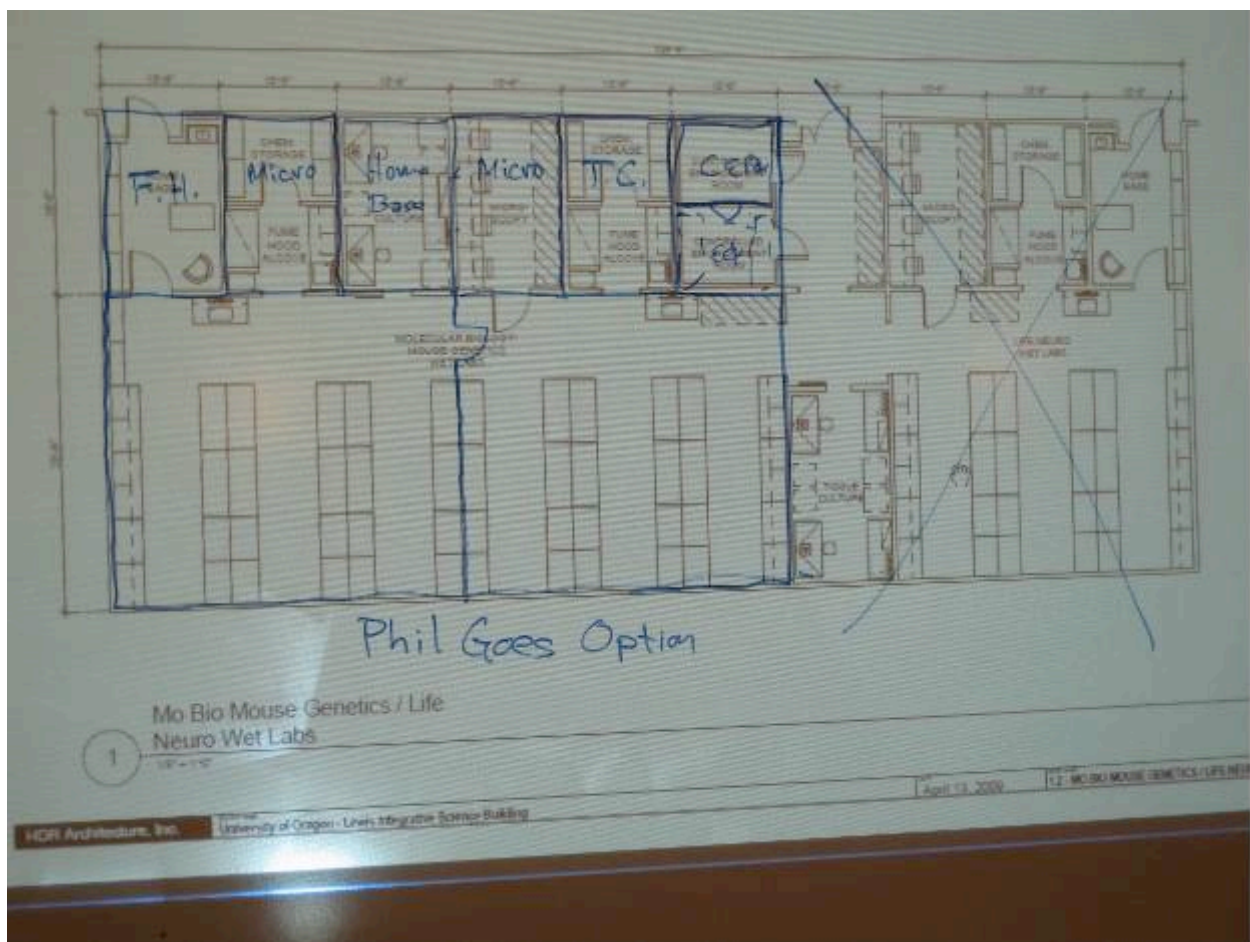


Figure 1

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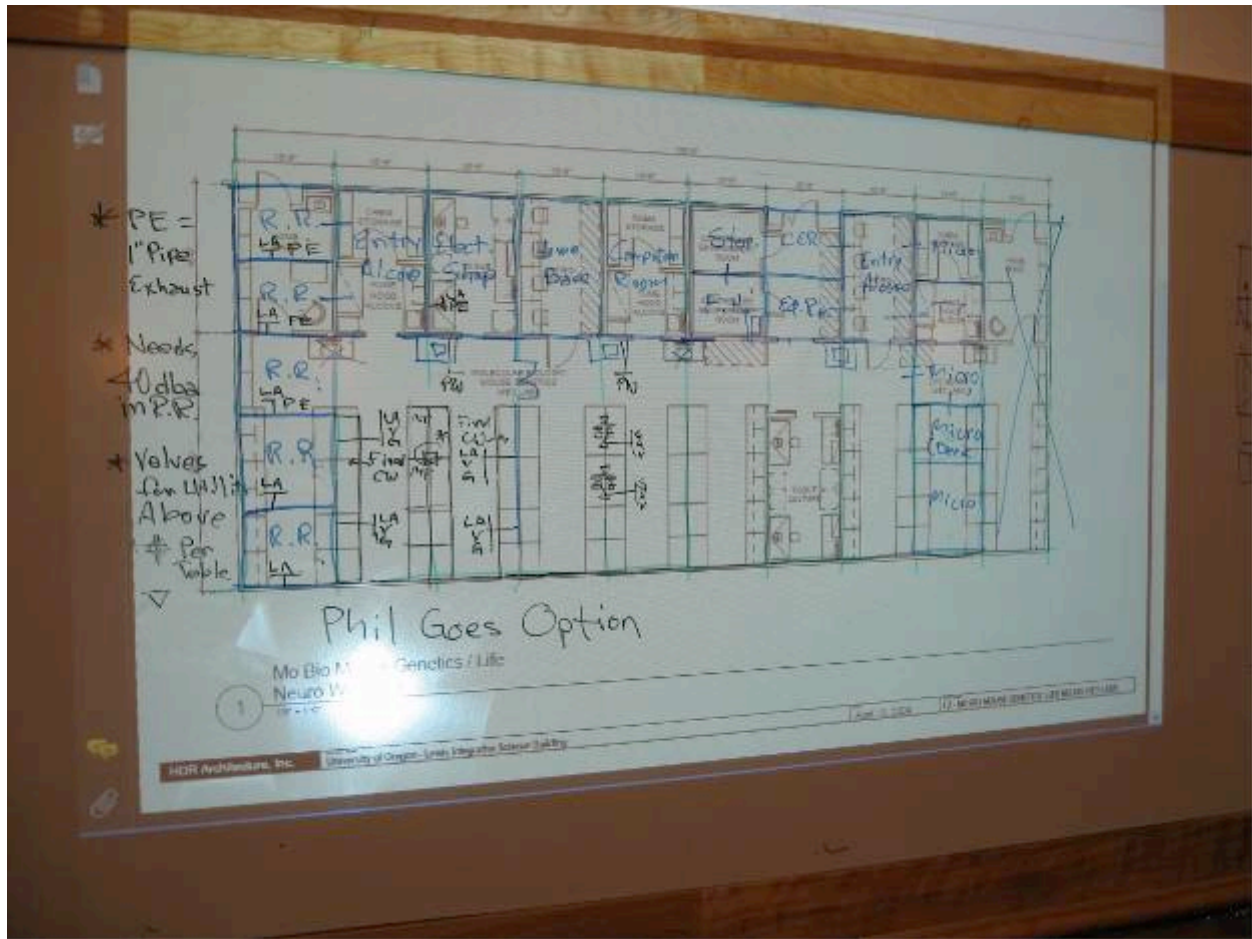


Figure 2

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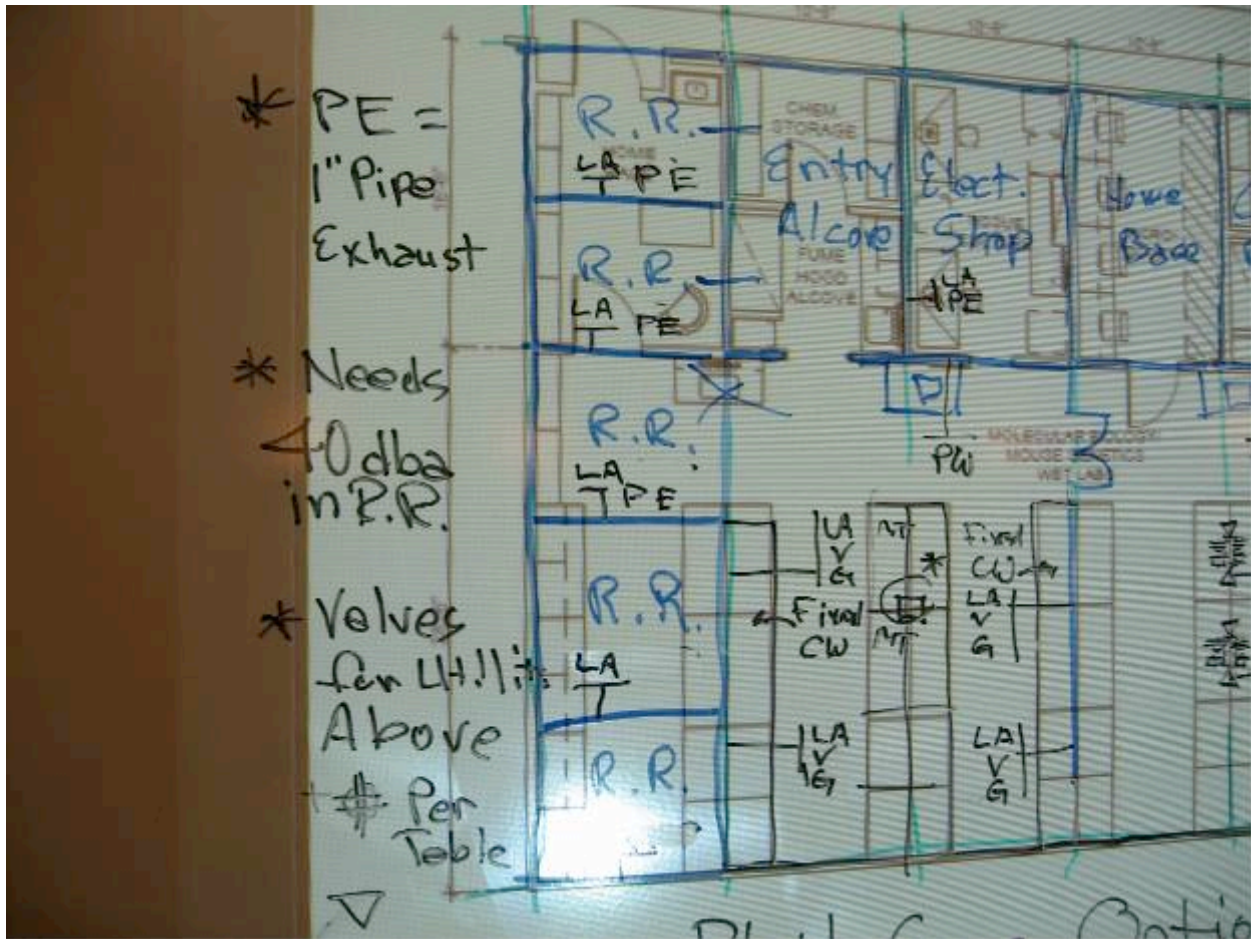


Figure 3

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