



Current IT Project Updates



Major Projects

- Information Learning Commons (ILC)
 - Library changes (see www.it.mtu.edu/ilc)
 - Other lab changes
 - New image (new imaging schedule, deployment)
 - Color printing changes

INFORMATION AND LEARNING COMMONS DEVELOPMENT

A cooperative effort of the Michigan Tech Library and Information Technology Initiative to Enhance Computing and Information Access Support for Michigan Tech Students



Phase 2 - Collaborative Spaces
Flexible clustered furniture optimized for collaboration

The Michigan Tech Library is undergoing a major renovation this fall to create a more technologically advanced learning environment to meet the evolving needs of students. This includes:

- **New, faster computing equipment** - Dell Optiplex 9020 All-in-One desktops will be installed throughout the library.
- **A more open and collaboration-friendly environment** - To better meet the evolving learning and computing needs of students, changes such as clusters optimized for collaboration and teamwork, more tools including whiteboards throughout, ergonomic computing desks and chairs (with AC/USB power points), shared collaboration screens, and digital signage will be installed throughout the upcoming school year.
- **Expanded Availability** - Operating hours will be increased to 24 hours a day, 7 days a week.
- **The migration of open lab seats to a common location in the Library** - Current "open" computer labs will be repurposed and refurnished as wireless lounges and academic spaces. For a list of affected labs, please visit the [computer lab listing](#).

The Michigan Tech Information and Learning Commons Development is a joint project of the [J. Robert Van Pelt and John and Ruanne Ople Library](#) and [Information Technology Services and Security](#).

The development is divided into 14 phases; the first and second phases are in progress and scheduled to be completed by September 16, 2013.

FOR MORE INFORMATION CONTACT

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Technology Officer

[Ellen Marks](#), University Librarian

Development Highlights



Computing Improvements

Enhanced access to the campus' common core software will be relocated from the open labs to the Van Pelt and Opie Library. Benefits to students include: Technology updates will focus on computing and mobile device support and include new, very fast computers (Dell All-In-One, new color printers, a multitude of power points, charging stations, wireless network upgrade and the library uplink increased to 10gigabits/second).



Campus Building Improvements

Re-purposing of open computer lab space in various buildings will begin mid-September and will result in a variety of wireless lounges, classroom, and other academic spaces.



Significantly Increased Collaborative Spaces and Student Choice

Students will see a number of changes phased in throughout the year, including furniture and clustered arrangements optimized for group-work and collaboration. Additional whiteboards, ergonomic computing desks and chairs, shared collaboration screens, and digital signage will also be installed.



Individual Work and Study Spaces

The third floor will remain the quiet space with more seating for individuals. The garden level will have more desirable study and computing spaces. Laptop bars will also be placed in several areas throughout the library. Based on student demand, the lobby area of the library will have "express stations" for quick access, and students will see a larger number of printer and scanners throughout the building.



24/7

The entire library facility will be open 24/7 for the full year with minor holiday exceptions and the ability to book study rooms, charge out materials, and get basic help at all hours. We will use this year to see how students wish to make use of the building and will proactively seek recommendations.



Specialized Clusters

Flexible furniture and specialized, often costly technologies and software will be available to support all programs and departments. The approach we are taking – flexibility – maximizes opportunities for making changes rapidly to support curricular and student needs.

Additional Library Enhancements

A very generous alumnus has provided the funding for a plaza and garden between the library and Rekhi Hall. In response to student requests, electrical outlets and better wireless will be available outside near the Library Café. Inside, seating near the Café will also be increased. William Jackson, another generous alumnus, has provided funding to support the Center for Teaching and Learning in the library with the goal of enhancing faculty teaching and student learning.

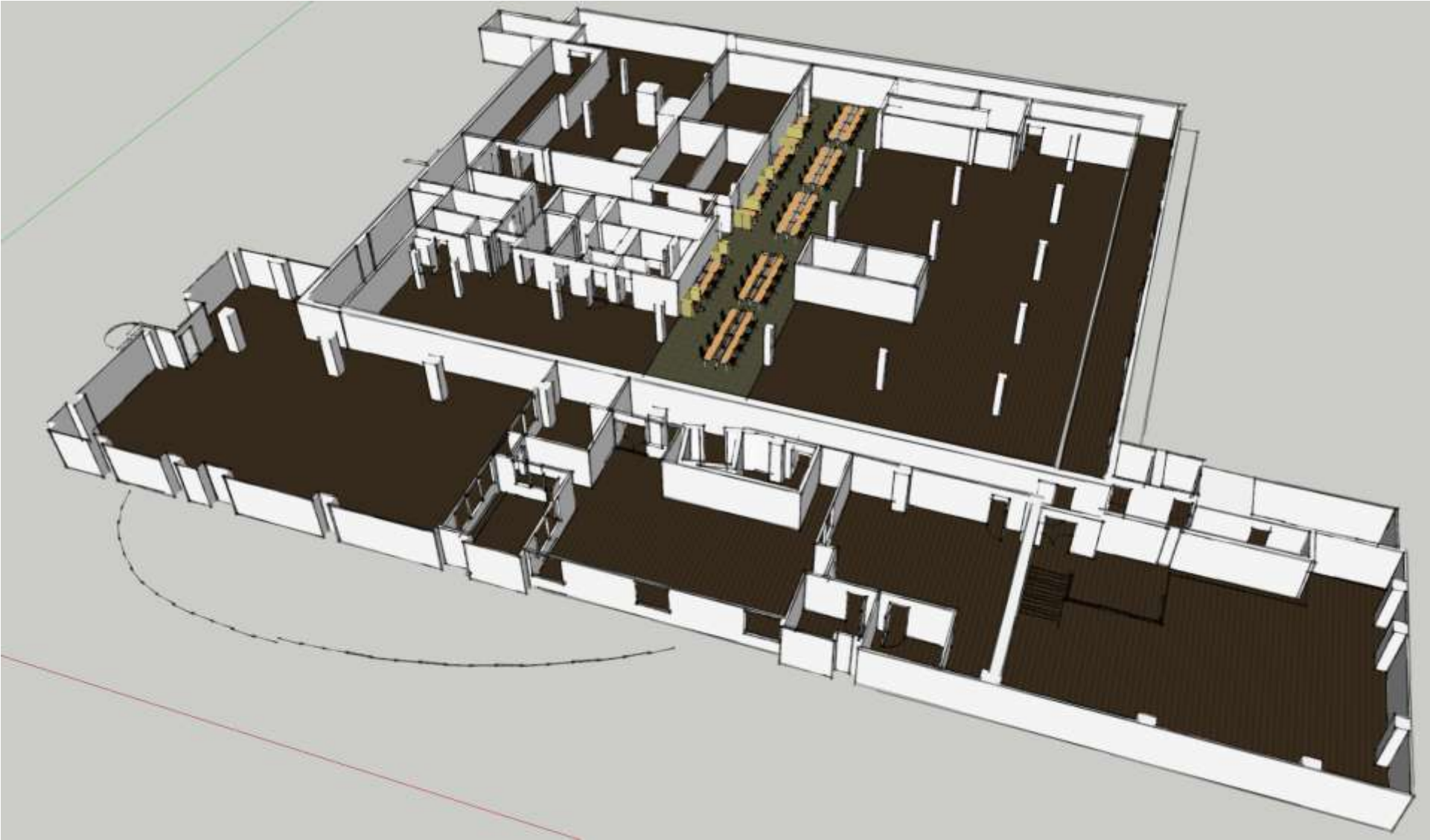
What Will Not Happen

- These transformative changes do not decrease student study or seating space; these will be increased.
- There will be changes in the location of the current, unbound research journals (from the Café area to the garden level) and some print indexes (e.g., Chemical Abstracts) will be removed (those with digital, value-added counterparts).
- The library will continue its weeding process by consulting faculty and interested students to eliminate, in Spring 2014, some print books that are no longer relevant to Michigan Tech's curricular or current and likely future research needs. This type of weeding – to make it easier to see and use new and useful print material – is not related to the technology transformation in the library.

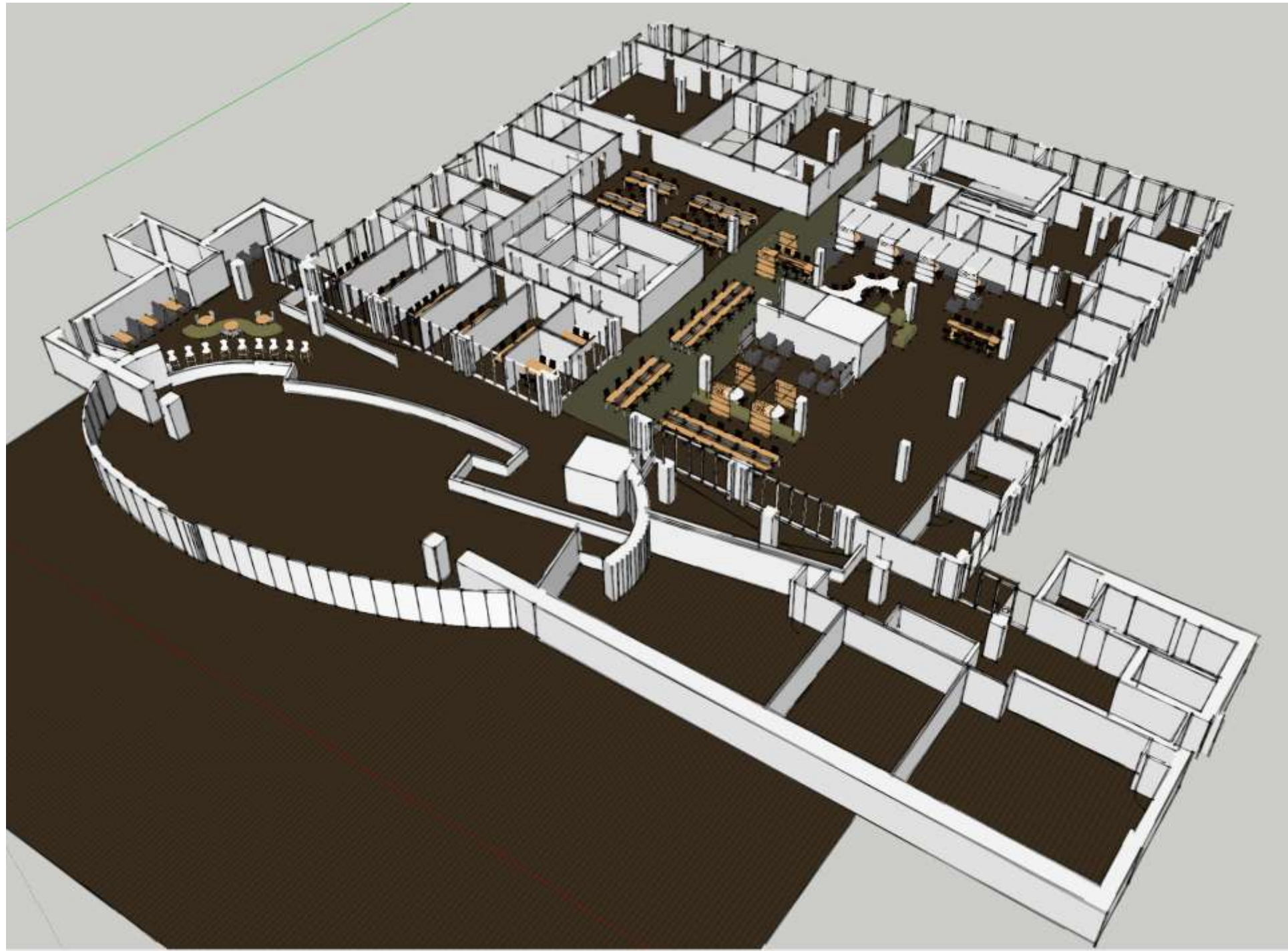
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Lab Repurposing

17	Various	Library Patron PCs	Win	21	
7	318	Open	Win	25	
7	723	Open	Win	20	
12	U202	Open	Win	12	
12	U203	Open	Win	12	
19	B006	Open	Win	20	
19	B010	Open	Win	18	
19	204	Open	Win	22	
20	119	Open	Win	15	
20	122	Open	Win	18	
20	125	Open	Win	25	
15	228	Open/Scheduled	Dual	11	
8	709	Open/Scheduled	Dual	21	









PHASE 1 GROUND



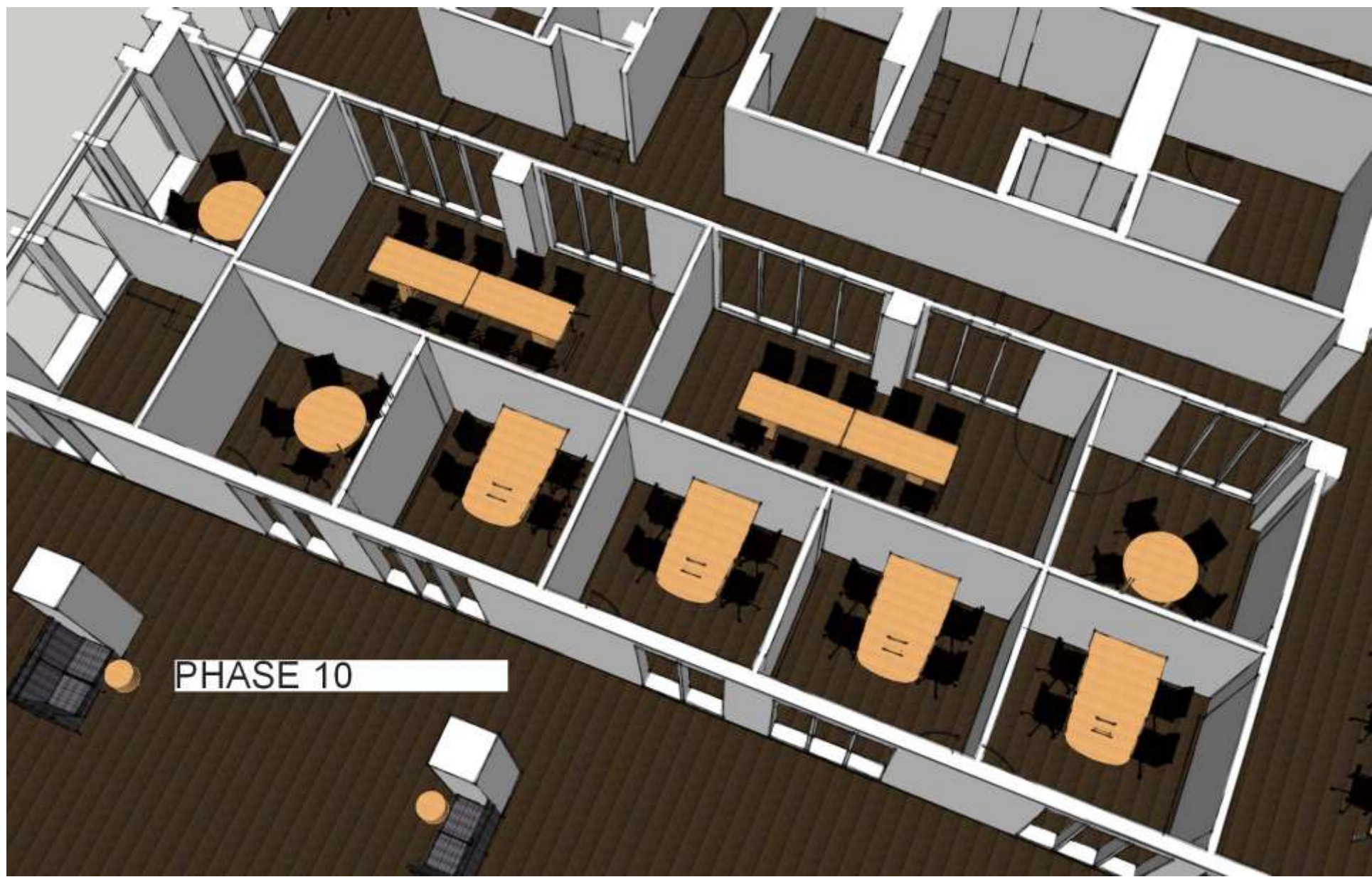
PHASE 1 1ST





PHASE 4





PHASE 10



Design Solutions: 1st Floor

EXISTING



PROPOSED

Information Technology Services / Library Services

J. Robert Van Pelt and John and Ruanne Opie Library

Information Learning Commons Development

Design Solutions: 1st Floor

EXISTING



PROPOSED

Information Technology Services / Library Services

J. Robert Van Pelt and John and Ruanne Opie Library

Information Learning Commons Development

Design Solutions: 1st Floor



Design Solutions: 2nd Floor

EXISTING



PROPOSED

Information Technology Services / Library Services

J. Robert Van Pelt and John and Ruanne Opie Library

Technology Space Project

Design Solutions: 3rd Floor

EXISTING



PROPOSED



IT Major Projects

- Card system replacement
 - Banking
 - Cards
 - Reader/Gold upgrades
- Digital signage (FourWinds)
- Superior.research.mtu.edu

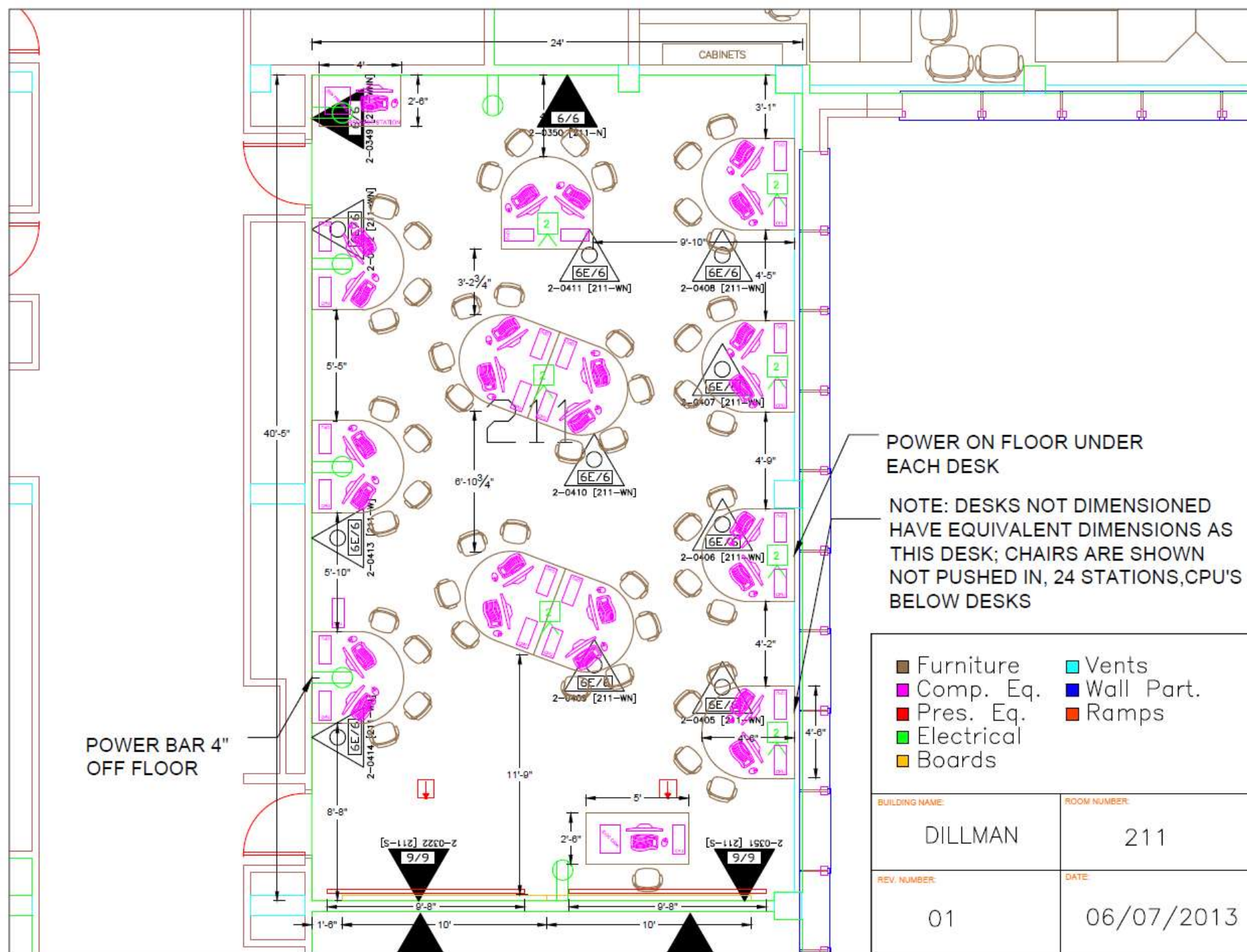


Teaching and Learning Projects

- Exercise Science and Kinesiology classroom and network planning (DPT w/ CMU)
- Campus Room Upgrades
- Major upgrade to Dow 642 (Jackson Gift Support)
- Fisher 330 / 331, Dillman 214, MEEM 1106, GLRC 202
- Rich response system evaluation
- Remote.mtu.edu

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- Many projector upgrades
- Continued Jackson Gift planning with CTL (Mike M.)
- Upgrades to EERC 5th floor Visualization system
- Panopto pilot
- Engineering Geo Wall in GLRC
- IT Lab Scheduling and Resource Management (Maps/Web, etc.)





Network Connectivity Projects

- Alberta, Citizen's Bank Building, KRC, AERB, APSRC
- Ruppe / Gundlach fiber
- Residence hall wireless improvements
- Campus wireless survey
- Ongoing switch replacement
- Printer "privatization"

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IT Service Projects and Changes

- Google Groups (replace lists)
- Egress Switch
- Storage migration (Quota increase)
- Windows Domain Consolidation
- XP -> Win 7 by January 2014
- New AV (Microsoft Security Essentials)
- Purchasing policy changes (procurement, inventory, planning)

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- Athletics video board and production facility project
- External IT security review
- Server Consolidation
- Software Cycle and Lab Imaging
- Prepping 100-200 Grad student PCs

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Questions?