

# IRDF Community Network Upgrade Project

Informational Session

Wednesday, February 13, 2008

# IRDF Community Network Upgrade

- All FSILGs can participate
- Participating FSILGs will be brought up to a base specification developed by AILG-IT and IS&T
- MIT IS&T providing technical & project oversight
- IRDF will fund 100% of the Base Specification work
- Opportunity for additional systems to be installed

# Advantages of Participation / base specification

- Gigabit level infrastructure
- 802.11N wireless standard
- Up-to-date data package enabling improved diagnostics for troubleshooting
- Network infrastructure ready for the next decade
- All wiring done to building code
- VOIP (Voice Over IP) capable backbone

# Process and Timeline – Phase 1

- 2/21 – overview informational meeting
- A simple network map created by 2/28
- List of above spec work desired by 2/28
- Post 2/28 - Phase 1 Vendor – Utility Consultants, Inc. (UCI) - will visit and develop detailed plans for RFP

## Process and Timeline – Phase 2

- Proposed Scope of Work reviewed and approved by Project Contacts
- Compilation of scope of work into bid by IS&T
- Early Spring – RFP will be put out to bid
- Summer 08-09 installations

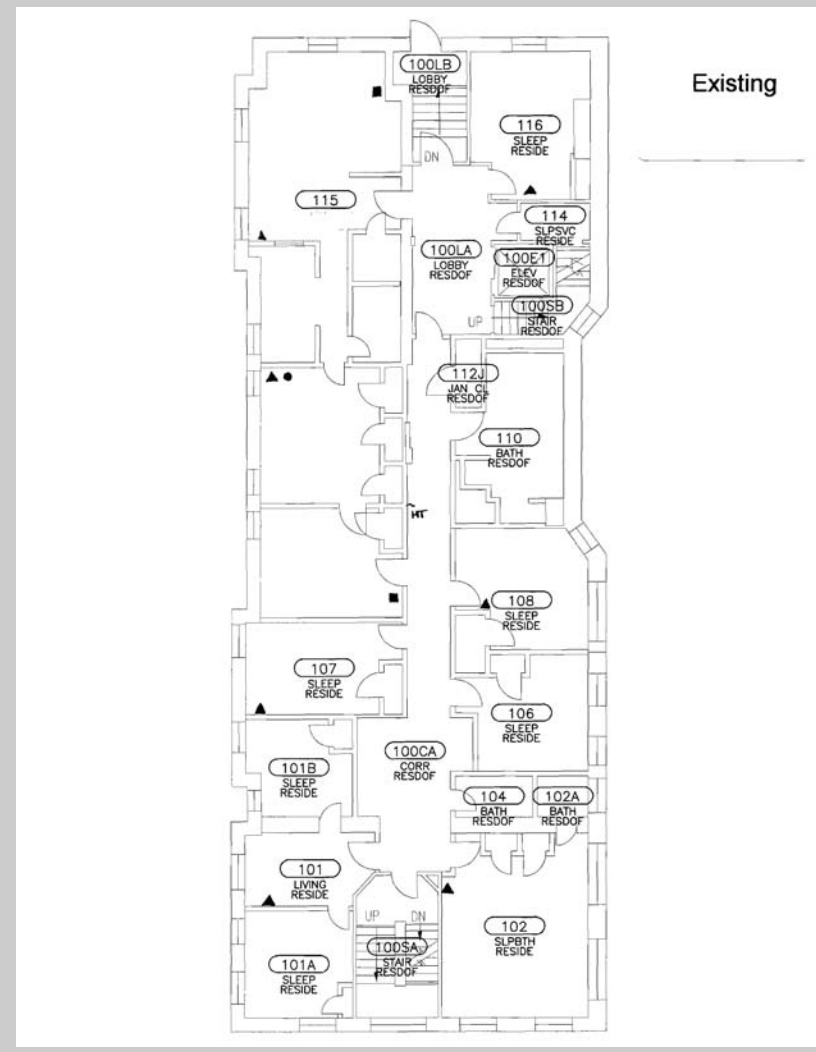
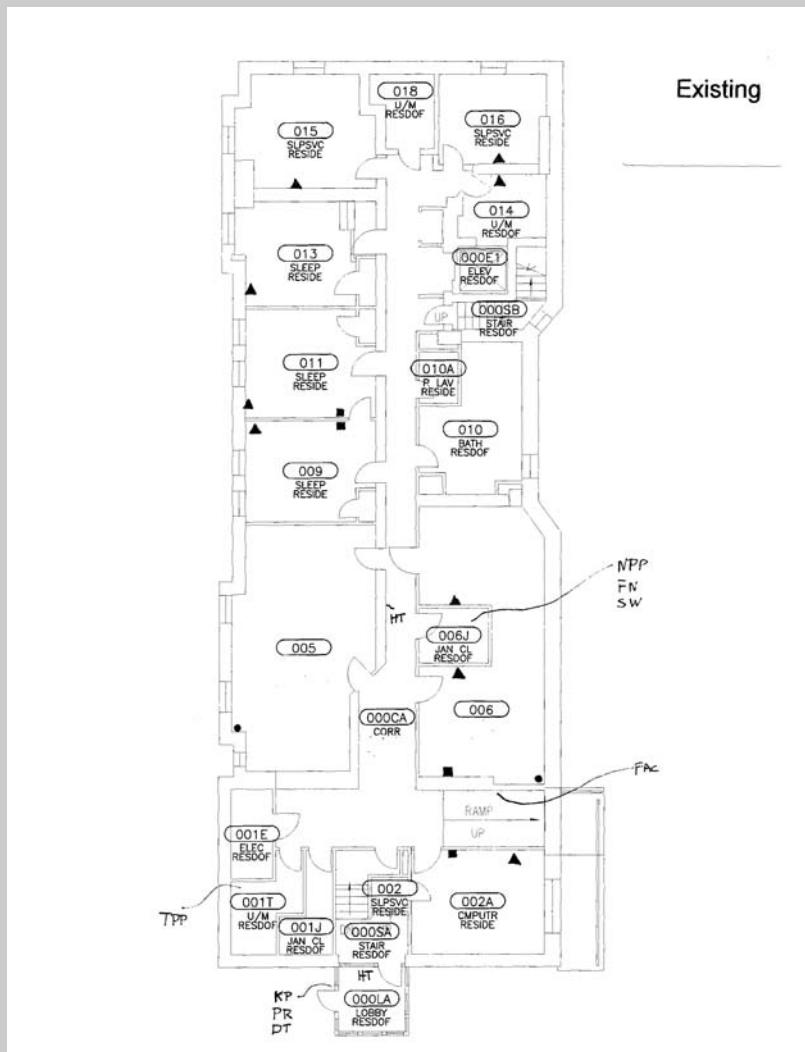
# What you need to complete by the end of February

- Prepare simple network maps, "as is" and "desired"
- Designate contact individuals
- Decide on additional related wiring/services
- Access to all rooms in the house - have the keys

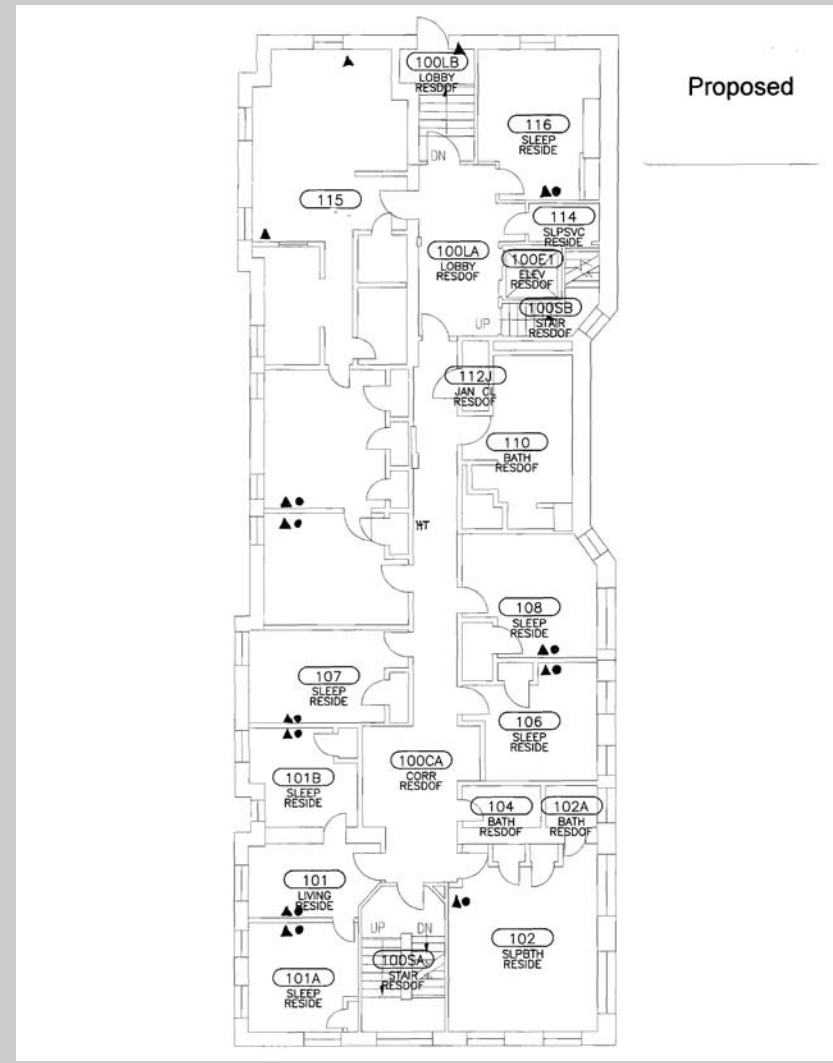
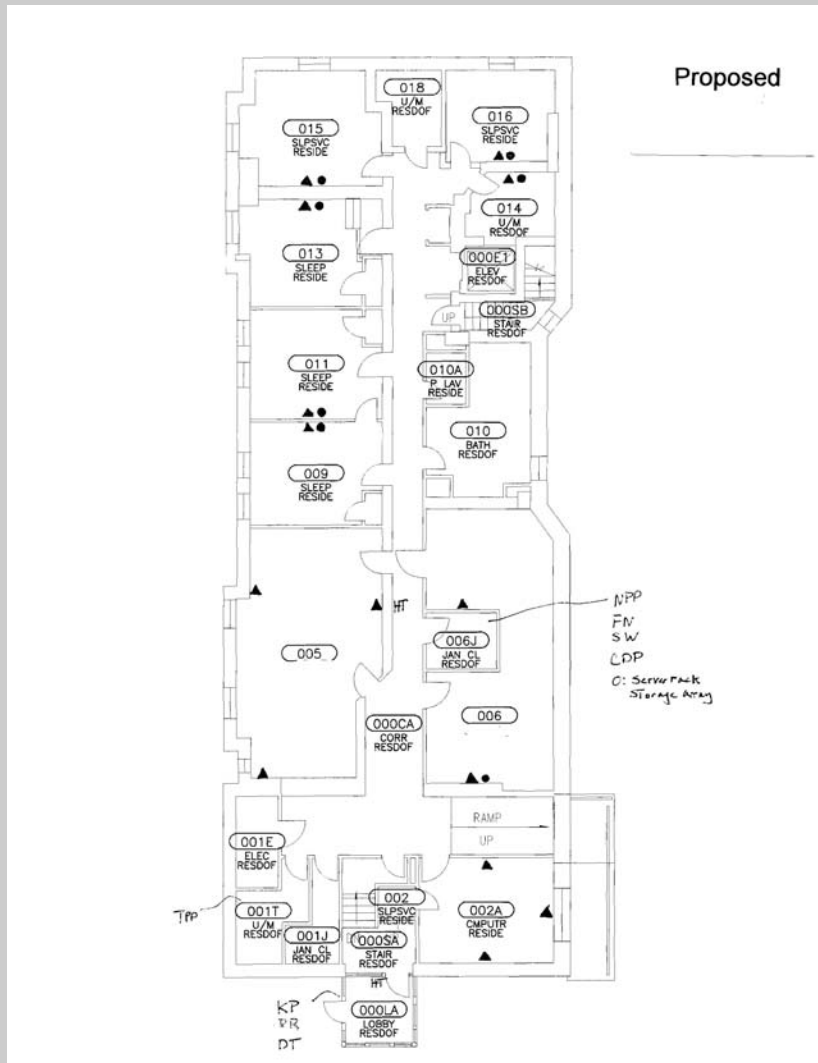
# Simple Network Map - Legend

- Network drops - filled triangle.
- Telephone jacks - filled square.
- Cable jacks - filled circle.
- Network Patch Panel - use NPP.
- Fiber Node (MIT equipment) - use FN.
- Cisco Switch (MIT equipment) - use SW.
- Other Network equipment - use O and describe on a separate sheet

# Simple Network Map - Existing



# Simple Network Map - Proposed



# Simple Network Map - SW

- MIT Entry Switch



# Simple Network Map - FN

- Verizon / MIT Fiber Node



# Simple Network Map - NPP

- Network Patch Panel



# Resources

Next informational session - Thursday, Feb. 21  
7:15-8PM in Lobdell (W20-208)

Packets are available now, or can be picked up in  
the FCI Office W20-020A

IRDF Community Network Upgrade Project  
[web.mit.edu/irdf/network](http://web.mit.edu/irdf/network)