

Technology Bond



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Projects

- Network Upgrade
- Phone System
- MS Mac Lab
- Server/SAN Upgrade
- Server Room Upgrade
 - Generator
 - UPS
 - Rewire of room
 - New Racks
- Teacher Devices

- HS Broadcast Studio
- Wireless upgrade
- Classroom MM
- TV Video System
- Student Devices
 - Pre-K thru 5th grade
 - 6th thru 12th grade
- Video Surveillance

- Completed
- In Progress
- Future Project

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Projects

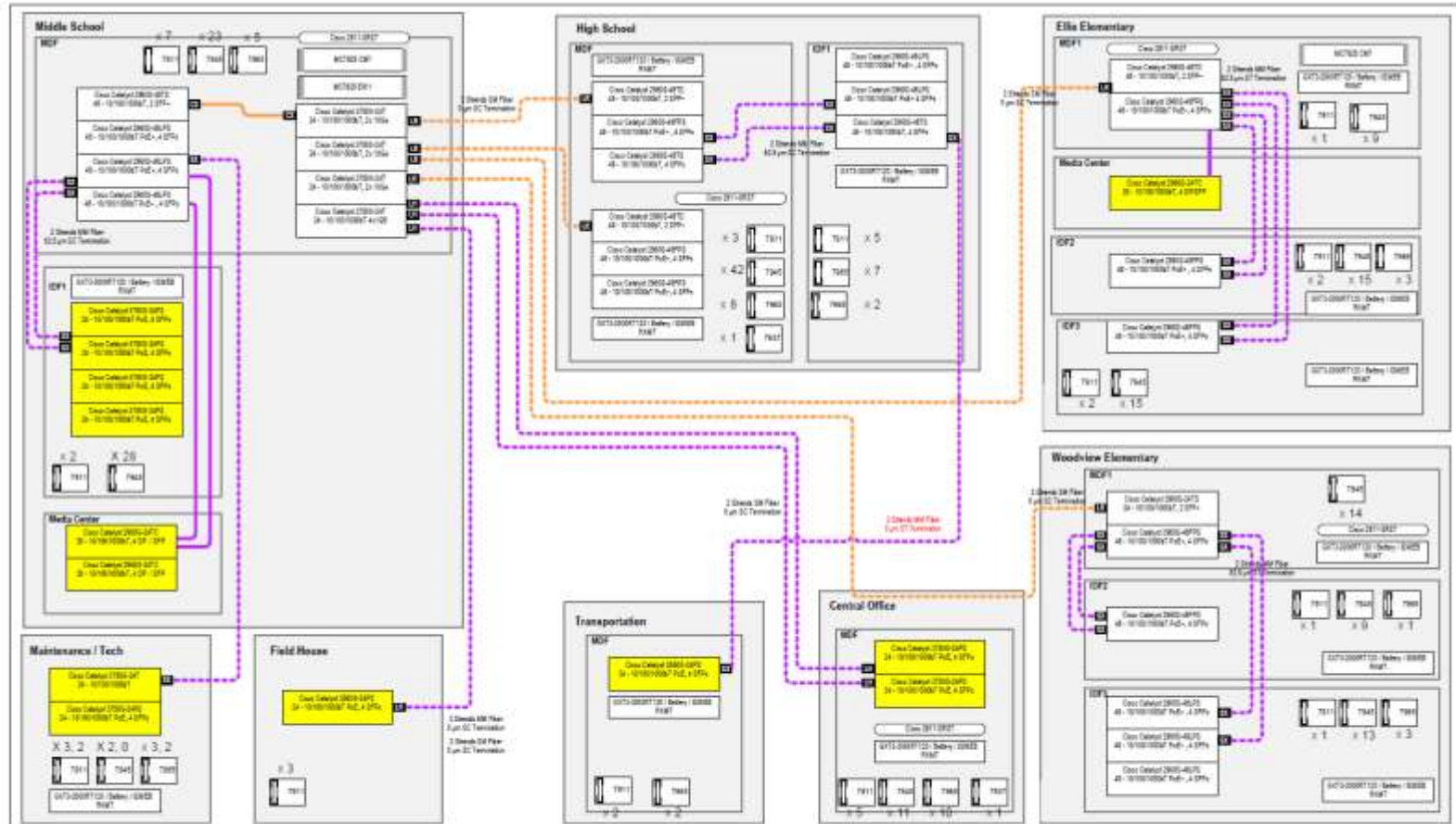
Network Upgrade

- Designed and Installed Cisco Switches to handle new IP Phone system, Wireless, Video, and other emerging technologies
- 1 Gigabit link to the Desktop
- 10 Gigabit link to HS, MS, Ellis, and Woodview
- Redundant links to many Buildings



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Network Layout



Revised:
8 OLC-LH-SM+
8 OLC-SX-AM+

Building Area Schools

Network Diagram - 1 of 2

Building, Michigan
Last Modified: 8/25/2009 - g

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Projects

Phone System

- Replaced aging phone system with a Cisco VoIP
- Installed 260+ phones.
- Changed incoming phone service saving over \$7000 a year



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Projects

MS and HS Broadcast Labs

- Upgraded workstations in MS Lab
- Installed new Broadcasting Lab at HS
- Installed new Mac Servers for HS and MS



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Projects

Server Room upgrade

- Rewired Server Room
- Upgraded Rack for better cooling
- Installed Cable Tray
- Installed Generator
- Installed Room Uninterruptible Power Supply (UPS)
- Rewired rooms electrical power including AC



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Transfer Switch and Electrical Service



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Generator



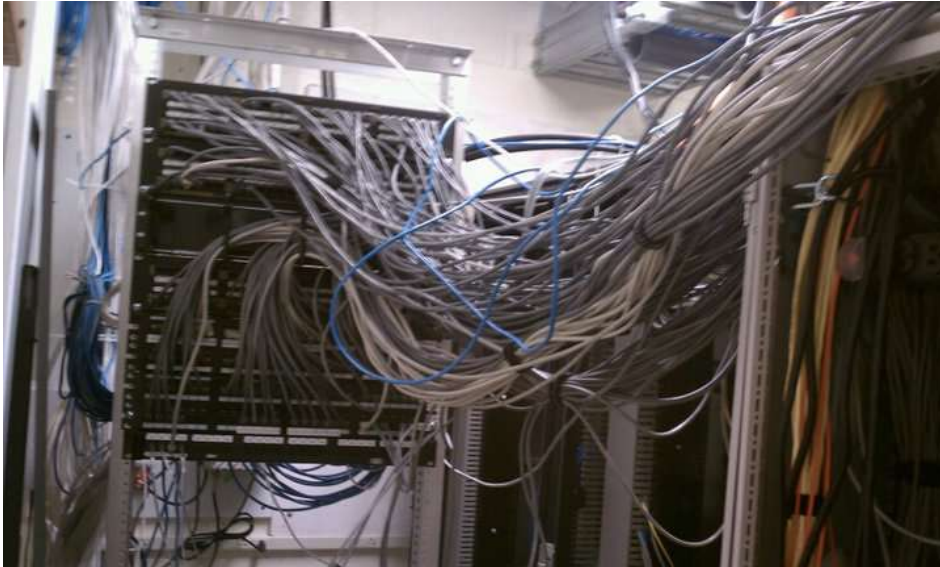
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UPS



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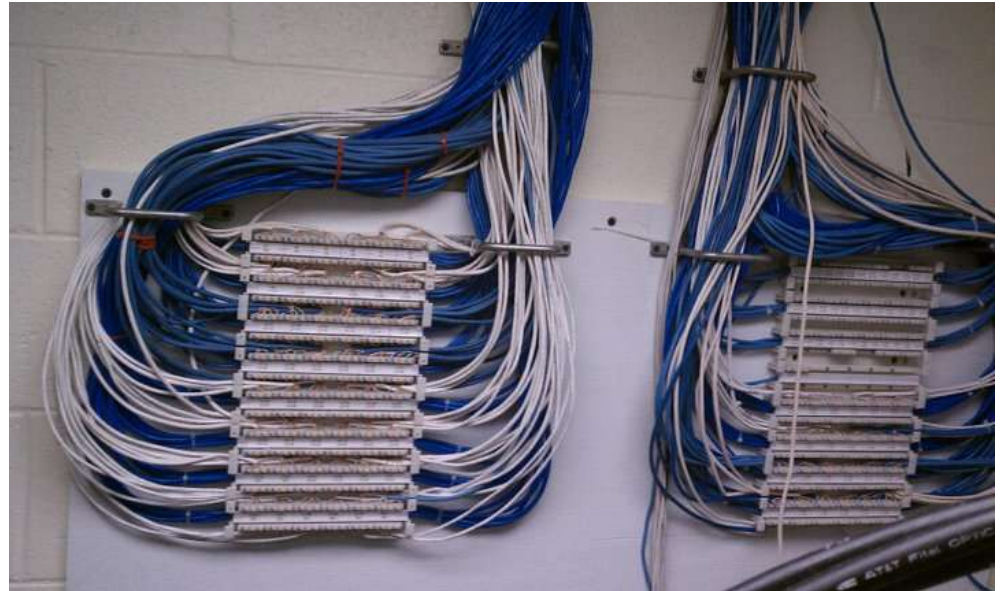
Before



After

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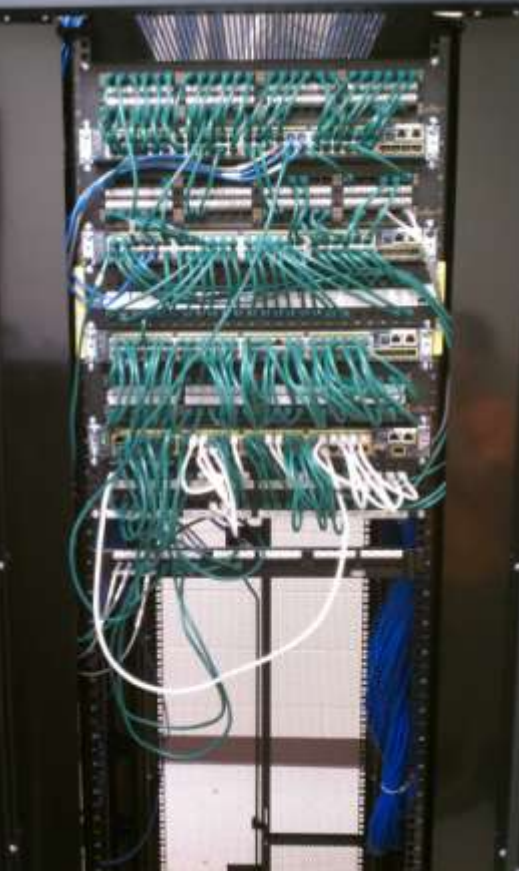
Before



After

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Before



After

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Before



After

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After

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After



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Projects

In Progress

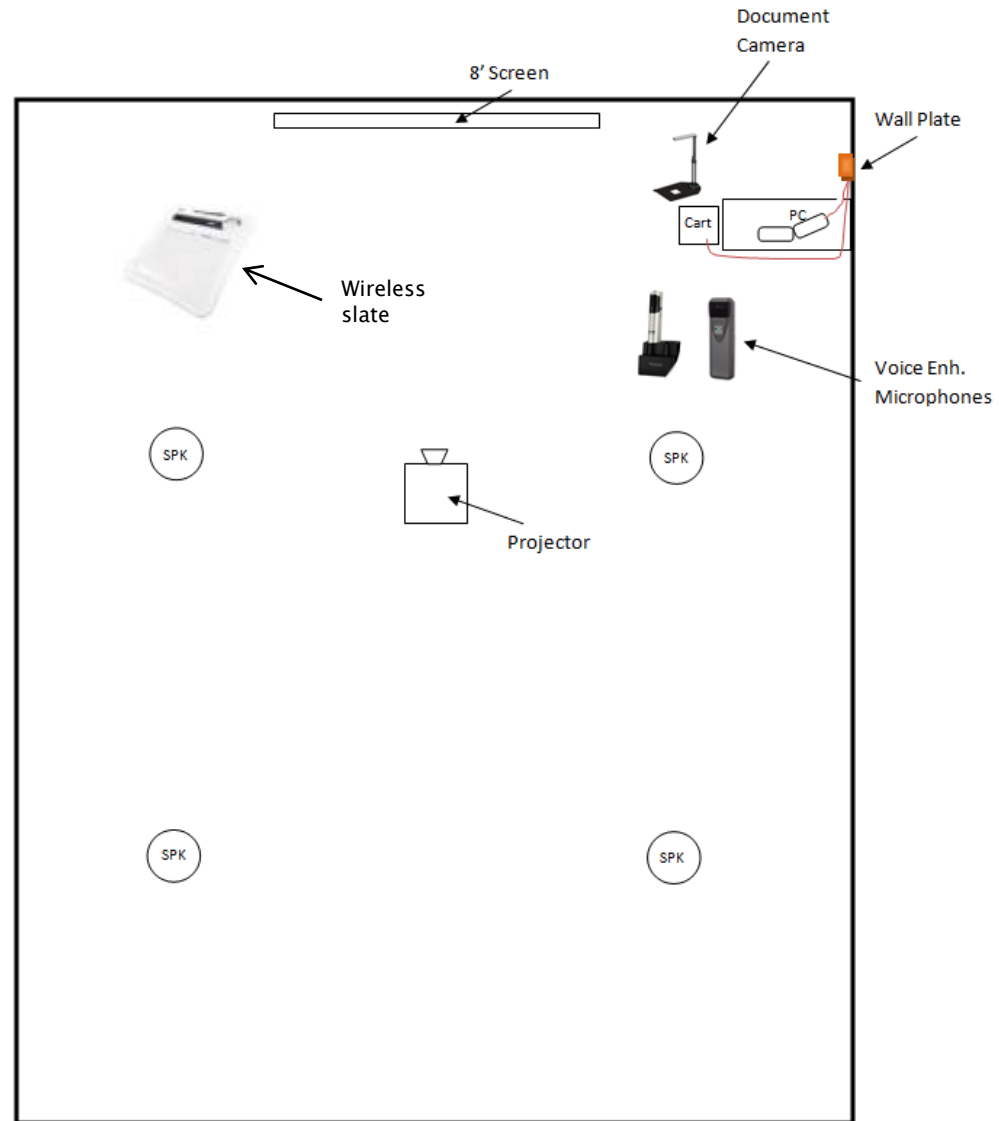
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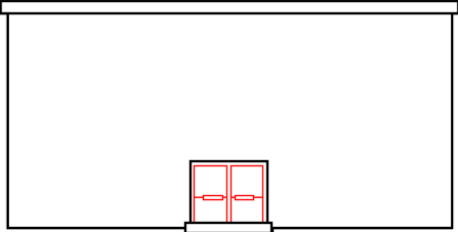
Classroom Multi-Media

- Document Camera
- Projector
- 8' Screen
- Multimedia wiring Infrastructure
- 4 speaker Sound System

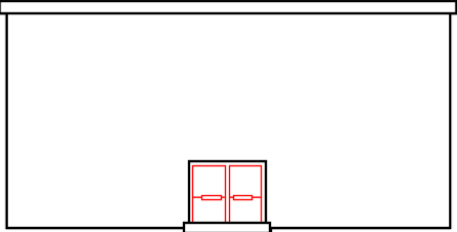


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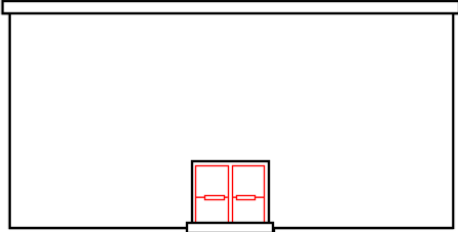
Orchard Hills



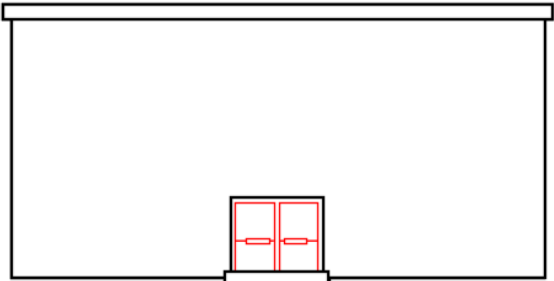
Ellis



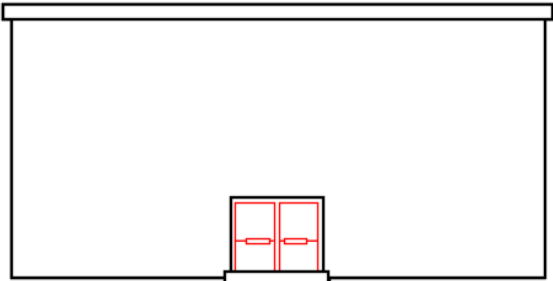
Woodview



Middle School



High School

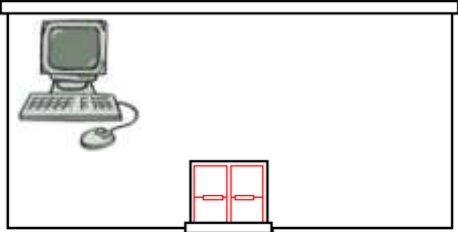


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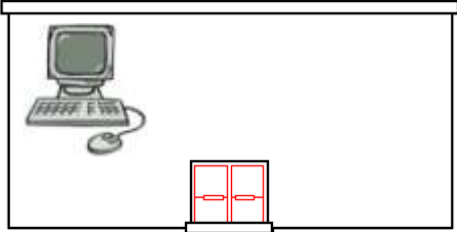
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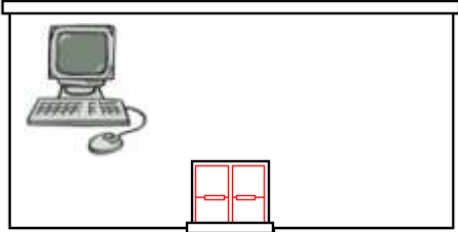
Orchard Hills



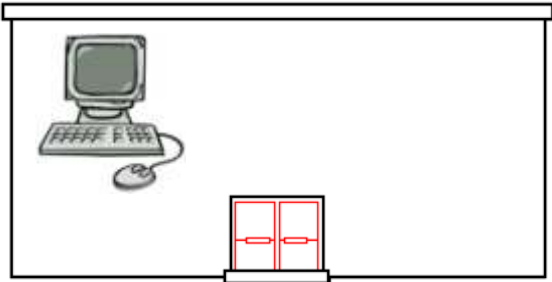
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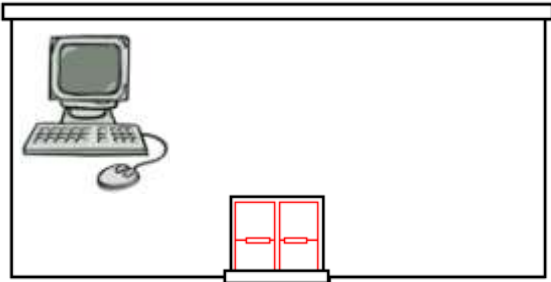
Woodview



Middle School

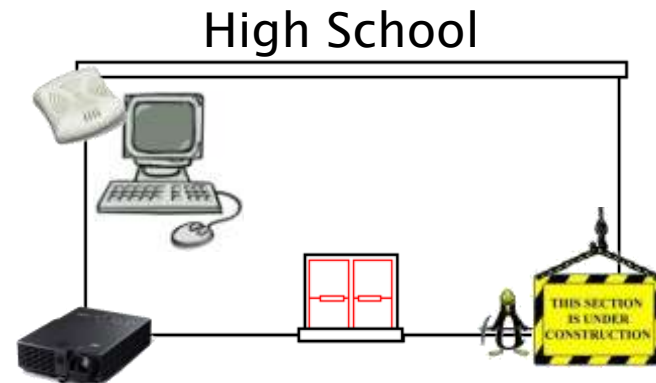
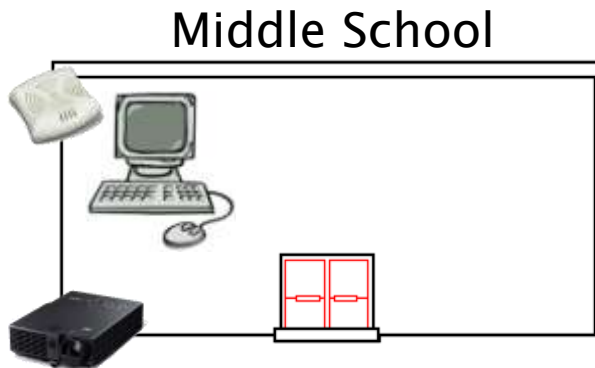
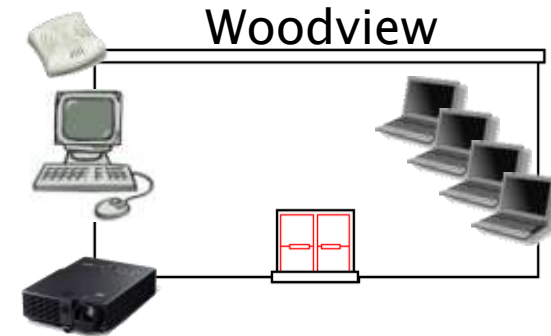
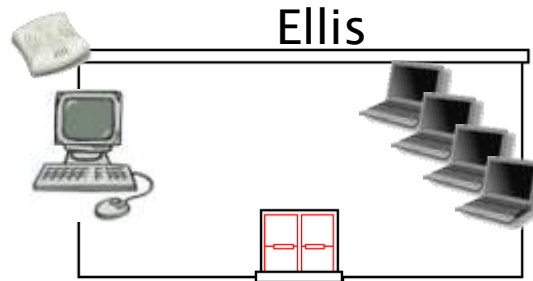
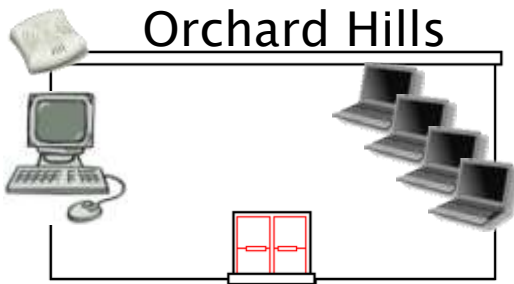


High School



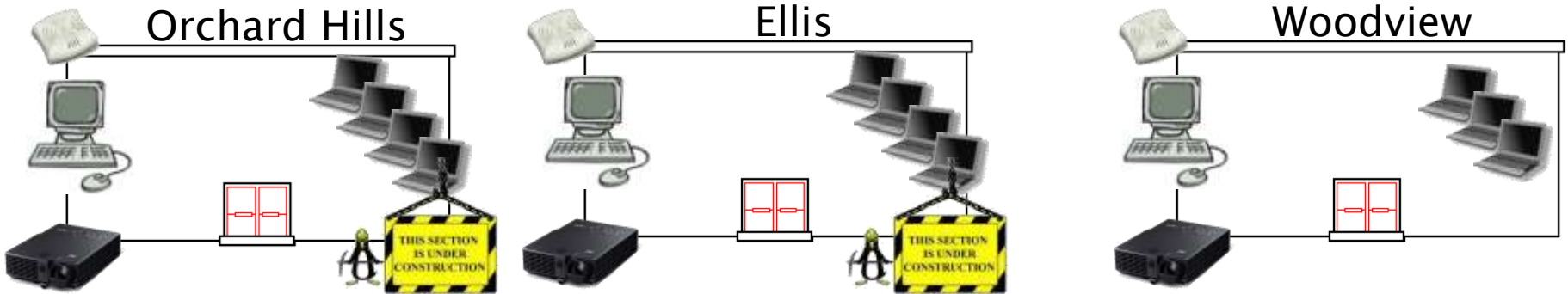
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10-11 Sum11 11-12 Sum12 12-13 Sum13



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10-11 Sum11 11-12 Sum12 12-13 Sum13

- Install district wide video system



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