Appendix C - preliminary specifications 12-6-2007

Cable runs will be in wall, where not possible they shall be in wire mold
Main wire chases from demark to drops will be in one or two central locations
The runs will not be in conduit / pipe in public spaces wherever possible
All wall / ceiling openings / penetrations shall be returned to prior condition
All remedial painting, plastering, etc is the responsibility of the vendor
All penetrations will be firestoped per code
All existing dead network wiring removed per code

Preliminary tech specs
- cat6 Plenum rated per spec
- Patch panels, jacks, etc all cat6 rated
- system must test out to gigabyte spec on entire system form MIT entry switch
- Wireless coverage shall be throughout the entire structure except where designated
- wired drop in all rooms except bathrooms and utility closets
- Central demark point for entire network
- individual direct runs to all drops
- Single drop per location
- in bedrooms one drop per normal student occupancy for the room
- individual drops to all shared house computers
- individual drops to all shared house servers
- individual drops to all shared house printers
- pull cords shall be left in all pulls for future expansion
- 2 cat 6 runs to all Ap locations
- Rack system installed to hold wireless, switches, UPS, MIT switch, Verizon LIU - extra space for future expansion desired

A Thin Client system similar to Aruba / Ortronics or Cisco system, or equilivant
A, B, G coverage with a documented upgrade path to N when ratified

Items to be provided at completion of installation
- Verification data on test results for all drops
- Drop locations, wire paths, wire chase, demark location
- All drops, switches shall be labled
- Everything shall be indicated in CAD in accordance with MIT CAD specification
- Full CAD plans shall be physically produced for House, FCI, IST
- Documentation for all equipment shall be provided in physical and digital form to the House, FCI, IST

Long term support and Training:
- Provision to provide education on an annual basis (IAP)