

*See UM Consultant Procedures and Design Guidelines. All design guidelines posted are applicable. Information below supplements and supersedes information provided in Division 27 of those documents.*

1. CAT 6A cable will be supplied by Owner, installed by Contractor.
  - Conduits to be a minimum of 1-1/4" diameter.
  - Typically include 3 drops per outlet.
  - Termination will be by Owner.
  - Daisy chaining boxes in not an acceptable practice.
  - Conduit other than EMT shall be pre-approved during design by MUHC Managing Engineer.
  
2. Nurse Call System
  - CF PM will hire Nurse Call Vendor via MUHC Blanket Contract during design to provide input in bid documents.
  - Pathways, boxes and cable
    - Cable is purchased, installed, and terminated by the Cerner Nurse Call Vendor.
    - Nurse Call Vendor determines location of devices and specifies box types during design.
    - Contractor installs the pathways and boxes.
    - Specifications shall state the following: "Change in Nurse Call box type during construction is not allowed. Substitution request by contractor shall be denied unless approved by MUHC's IT vendor via the Owner's Representative. Approval in any other manner shall be at risk of the Contractor."

3. Fire/Smoke barrier assemblies shall be clearly marked on the Communications drawings, even if they are already marked on the Life Safety Plan.
  
4. See [\*UM System Consultant Procedures and Design Guidelines\*](#) Division 27 requirements for telecommunication room rated wall requirements.
  - This requirement may be waived for renovation projects if they cause an undue hardship on the project. Submit a variance request for waiver to the UM AHU for approval.
  - The Physical Environment Committee must review the waiver request prior to it being sent to the UM AHJ.
  
5. See [\*UM System Consultant Procedures and Design Guidelines\*](#) for sizes, configuration, and where to locate IT closets.

END OF SECTION