# Health Sciences Copper Cabling Notes

**Fiber Runs**

- Fiber from NCAB 1st floor main telco to Health Sciences IT server room OSP rated fiber per spec 24 strand – See Electrical Site Plan for additional notes
- Fiber from 1st floor IT server room to 1st floor telco  per spec– 24 strand
- Fiber from 2nd floor telco to 1st floor telco per spec– 24 strand
- Fiber from 3rd floor telco to 1st floor telco per spec – 24 strand
- Fiber from 3rd floor telco to roof penetration for Outdoor wireless location. – OSP rated fiber – 12 strand per spec.  Final rooftop location to be determined and terminated in an appropriate size NEMA box.

**Copper cable**

- All interior cables connecting to the telco's will be **white** in color.
- Plenum Rated Cable for all indoor locations.
- 24 cables from 1st floor telco to the 2nd and 3rd floor telco's and the IT server Room.  Connected to a 24 port patch panel at each location and separate by a 1U cable management.
- Single cable coiled above grid at each door with biscuit for lock controls as indicated by notes.
- Room scheduling panels - single cable coiled above grid at each door with rj45 as indicated.
- Emergency phone cable location – 2 - OSP cables per spec
- Wireless locations, ceiling mounted mic (2 cables) and projector cable to be combined into a j-box with faceplate coiled above grid.
- Single Cable for POE Clocks per plans terminated in wall plate.
- 2 cables to roof for WAP, OSP copper from 3rd floor telco.  Run in conjunction with Fiber to roof and terminated in NEMA box.

**Telco Rooms**

- IT server Room – single 2 post rack
- Telco rooms - two 2-post racks per room with cable mgmt. per spec
- Nursing SIM lab – single 2 post rack with cable mgmt per spec with 6 copper runs back to 2nd floor telco

**Patch Cables**

- Type, quantities and color per spec