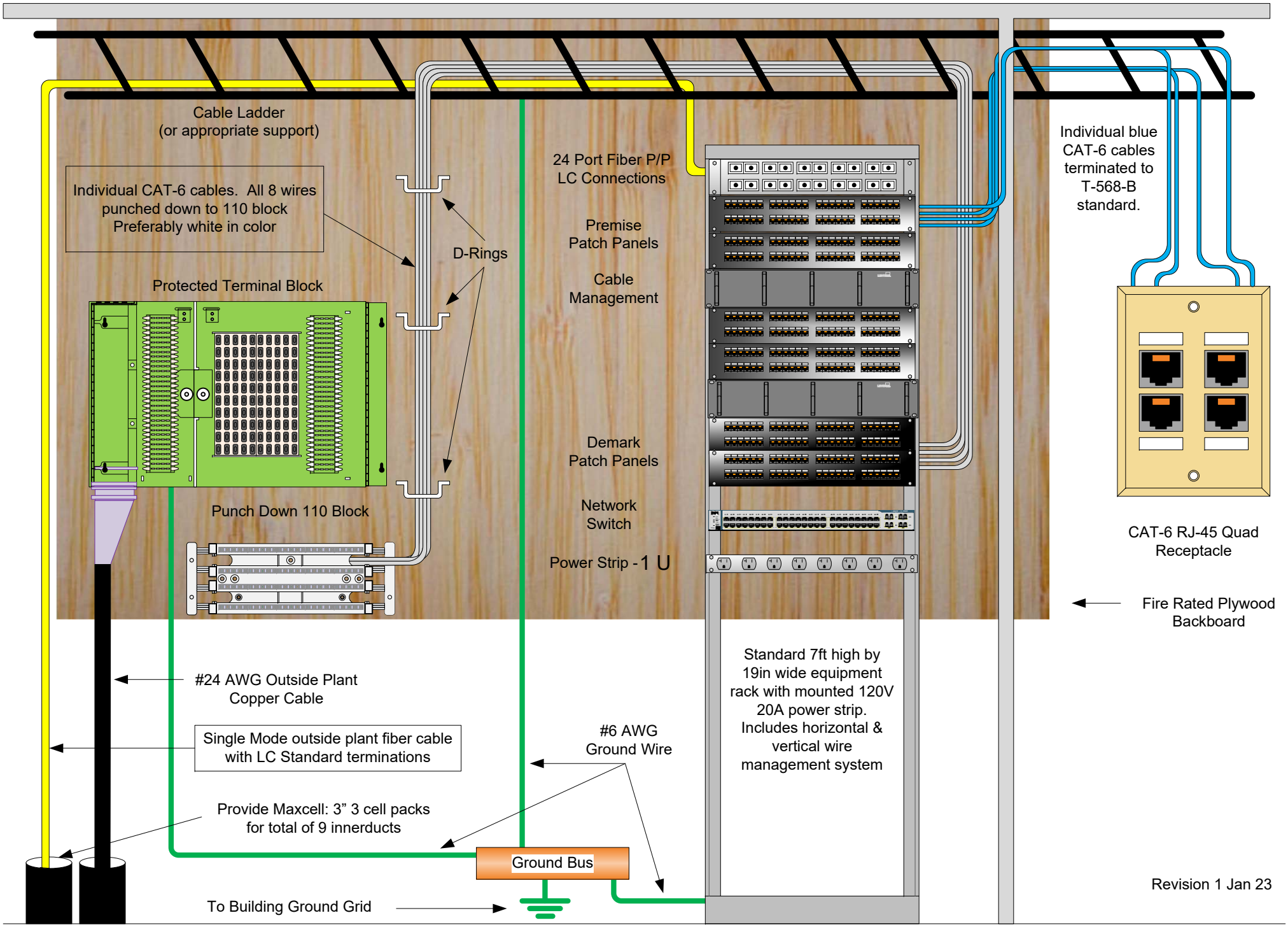
01 – COMMUNICATIONS EQUIPMENT ROOM / OVERVIEW



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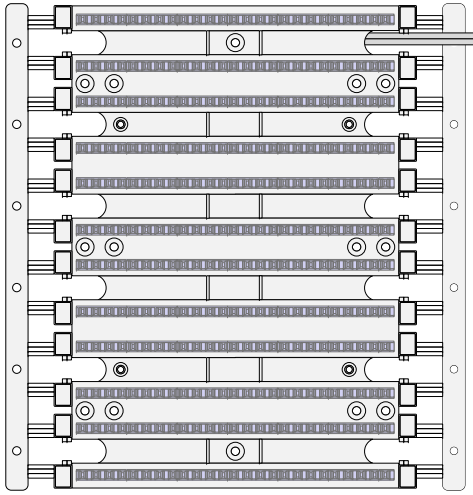
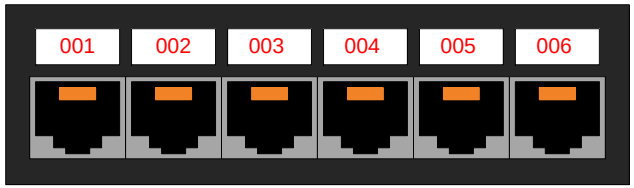
02 – COMMUNICATIONS EQUIPMENT ROOM / DEMARK SIDE

110 Punch Down Blocks

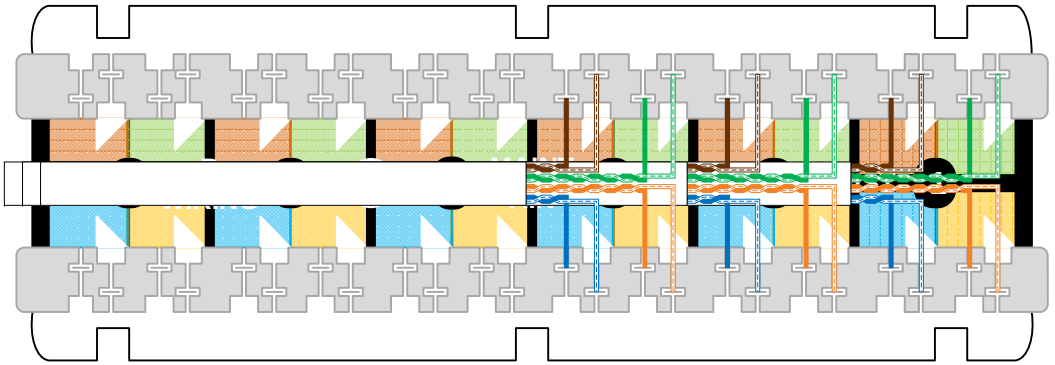


Cat-6 Demark Patch Panel

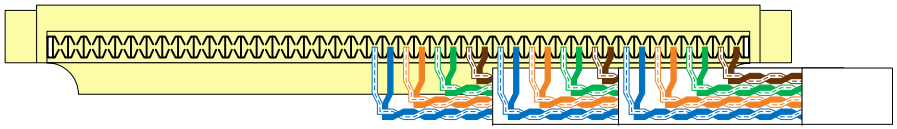
Demark Patch Panel Labeling



Demark Patch Panel Wiring Diagram



110 Punch Down Wiring Diagram



NOTES:

01. Cat-6 cabling between the patch panel and 110 punch blocks should be white in color.
02. All eight (8) wires should be punched down and usable on both the patch panel and the 110 block.
03. The patch panel should be labeled numerically starting with the number 001. The 110 block numbering should coincide with the patch panel.

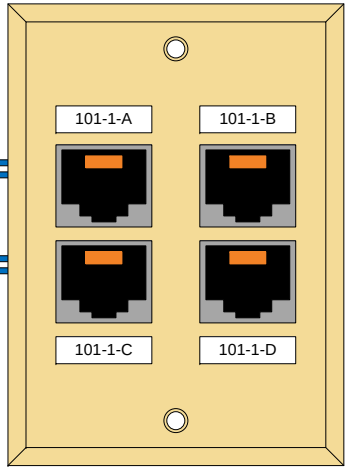
Patch Panels

04. Preferably, there should be installed enough patch panel appearances to equal one appearance for each quad jack installed within the building. If dual jacks are called for in the specifications, then there should be enough appearances to equal one appearance for each dual jack.

03 – COMMUNICATIONS EQUIPMENT ROOM / PREMISE SIDE

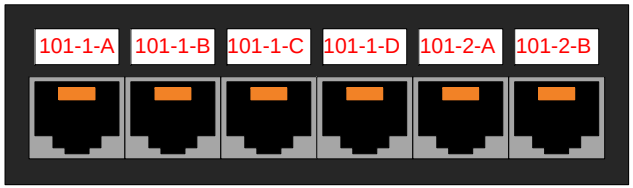
Cat-6 Premise Patch Panel

CAT-6 RJ-45 Quad Receptacle

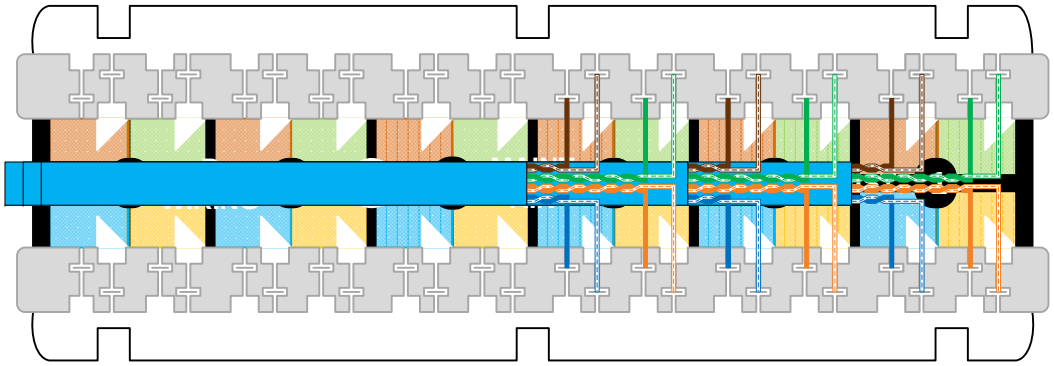


Room 101 – JK #1

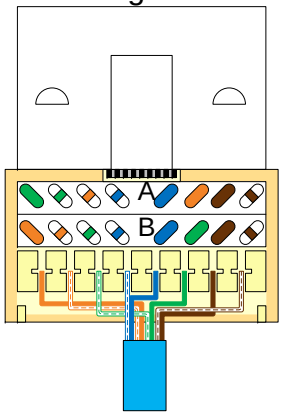
Premise Patch Panel Labeling



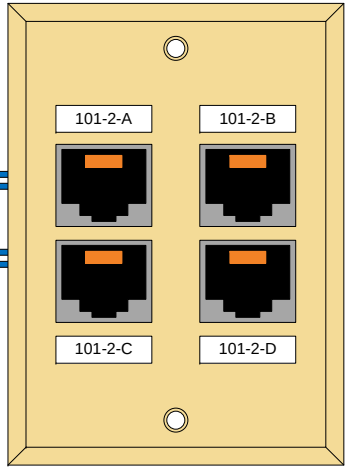
Premise Patch Panel Wiring Diagram



Jack Wiring Diagram



CAT-6 RJ-45 Quad Receptacle



Room 101 – JK #2

NOTES:

01. Cat-6 cabling between the patch panel and wall jacks should be blue in color.
02. All eight (8) wires should be punched down and usable on both the patch panel and the wall jack.
03. The patch panel and wall jacks should be labeled with room number, faceplate number, and jack position. For instance the first quad jack in room 213 should be labeled “213-1-A/B/C/D”. The second jack in room 213 should be labeled “213-2-A/B/C/D”. Dual jacks should just carry the “A/B” designators.
04. There should be no differentiation made between voice or data jacks. All jacks should be wired as data jacks utilizing T-568-B standard

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