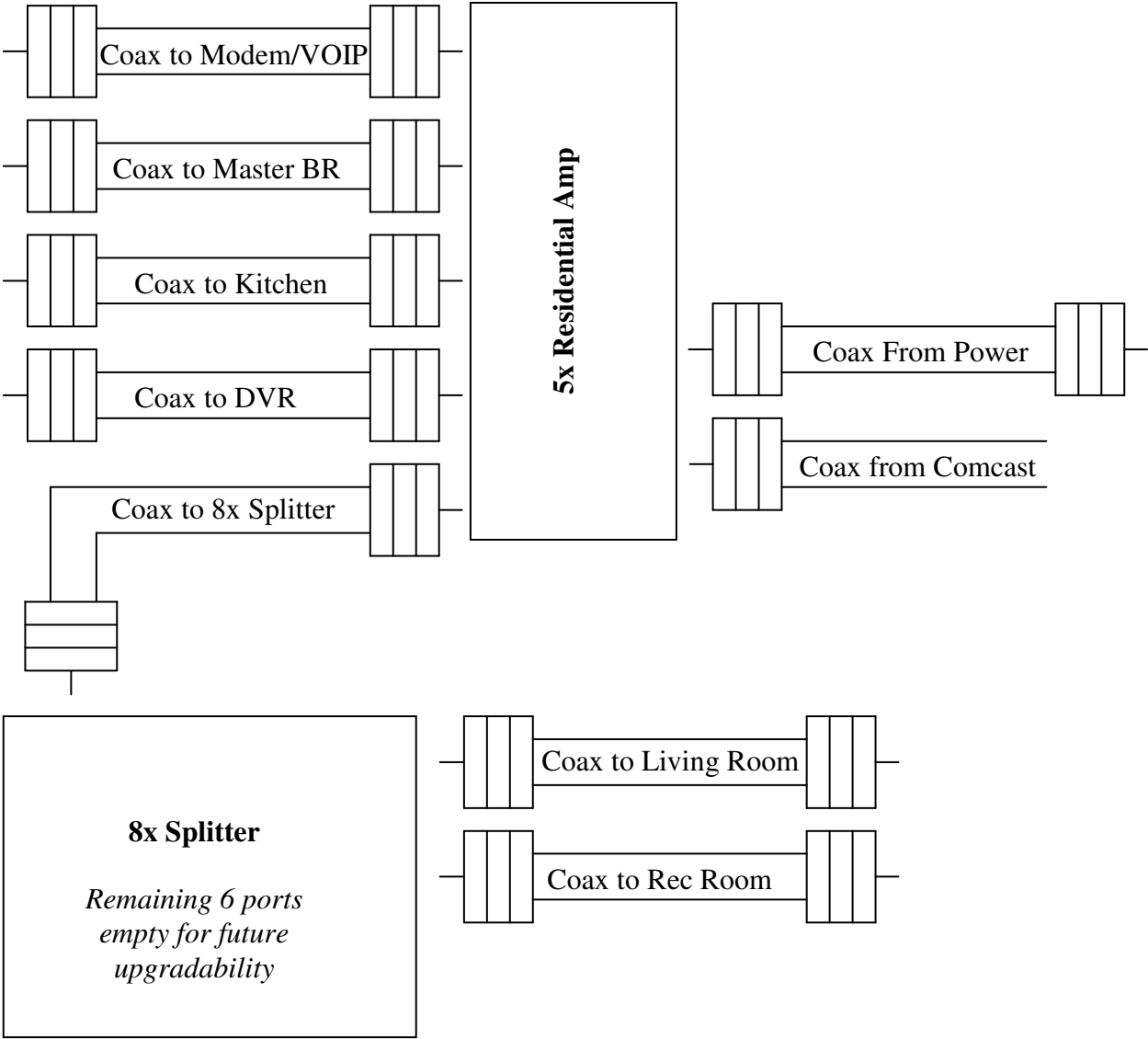
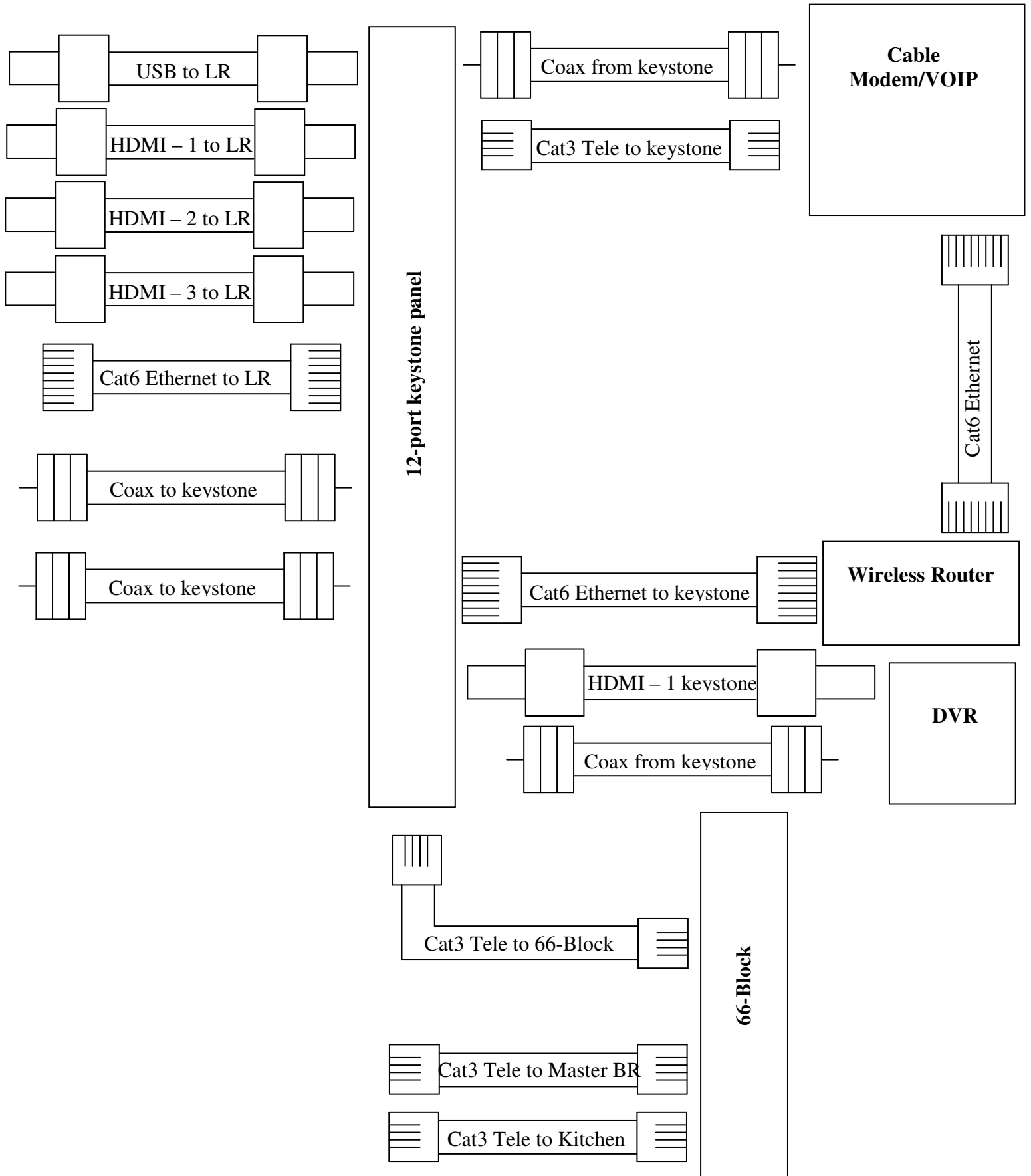


Coax Distribution



AV and Phone Distribution in Closet



Wiring Narrative:

Cable and internet and phone comes from Comcast via external coax cable from the pole which runs underground in the backyard, enters the house into the basement and terminates into the input port on a residential amp in the laundry room. There is a coax cable that runs from the power port of the amp to a transformer and plugs into electrical. There is a coax cable that runs from one of the ports of the residential amp to an 8x splitter. There is coax that runs from the designated modem/voip port on the amp to an F-Type connector keystone which sits in a 12-port keystone plate in the closet in the living room on the first floor which houses the modem, DVR and 66-block. From the remaining three regular ports on the amp, one line runs to the kitchen to an F-Type connector keystone which sits in a 2-port keystone plate at Dana's desk, one line runs to the master bedroom to an F-Type connector keystone which sits in a 2-port keystone plate which sits behind the dresser, and one line runs to the closet in the living room on the first floor to an F-Type connector keystone which sits in that 12-port keystone plate. There is a coax cable from the 8x splitter to the living room just behind the TV for non-DVR cable tuning and for pip. Finally, there is coax that runs from the 8x splitter to the rec room in the basement. The remaining six ports on the 8x splitter are not currently used but may later be utilized for a coax run to the mutli-purpose room in the basement, to the guest bedroom and perhaps to other rooms for secondary DVRs or other connections.

The coax connections from the basement to the closet, kitchen and master bedroom run through up to the attic crawl space and down to their designated rooms and whereas the coax from the basement to the living room simply runs from the basement straight up to the living room. The reason for this is there was already a pathway in use to the living room and running the rest to the attic would permit us to use that same pathway for all runs. The run to the rec room in the basement is a temporary run and is run externally.

From the closet to the wall behind the TV in the living room there are three HDMI cables, one USB cable, and one cat 6 ethernet cable. These five cables run from keystones which snap into the 12-port plate in the closet up into the attic crawl space and down into the living room and into keystones which snap into a 6-port keystone plate behind the TV. Additionally, from the closet there is cat 3 telephone cable which runs to the kitchen and cat 3 telephone cable which runs to the master bedroom. The two runs of cat 3 telephone cable is punched down into a 66-block in the closet in the living room and terminates in the kitchen and in the master bedroom into keystones which are each snapped into 2-port keystone plates in those rooms. Also from the 66-block there is a short piece of cat 3 telephone cable which terminates into a telephone keystone which snaps into the 12-port plate in the closet.

Housed in the closet are the cable modem/voip device, the DVR and the wireless router. From the 12-port keystone plate, coax runs to the modem/voip device, coax runs to the DVR, a telephone cable runs to the VOIP port, Ethernet runs to the router, and one HDMI cable runs to the DVR. Additionally, Ethernet runs from the modem to the router. Only one of the three HDMI ports on the 12-port are in use which allows for future upgradability including game console and blu-ray. The USB port is also not in use. This could later be used for an external hard drive full of media for the TV or could be used to connect a motion sensing bar from the game console to an area just below or above the TV mounted on the wall in the living room. One port on the 12-port panel is open to allow cat 3 telephone cables to pass through to the 66-block. Three ports are filled with blank keystones for future upgradability.