

Reynolds Telephone Company

New Construction Guidelines

This information is provided as a reference for wiring in any new construction within the Reynolds Telephone Company exchange boundary. Reynolds Telephone Co. recommends this information be thoroughly reviewed by the homeowner and contractor overseeing construction of the home. Reynolds Telephone Co. offers telephone, high speed internet, and IPTV (Cable Television) service to every subscriber within our exchange. If you wish to subscribe to any of these services in the future you should pay special attention the individual requirements for that service as they tend to differ significantly from standards in other areas. Any questions should be directed to our business office where one of our service technicians are more than happy to work with the you.

General -

- All services are supplied from a NID typically placed on the side of the home by the power & gas meter. Four feeder cables need to be placed from this area to a central distribution point. The distribution point must be easily accessible and have an available grounded electrical outlet (ie: utility-room, closet, basement). Three of the cables should be CAT5 UTP cable, and one of them should be a multi-conductor power cable provided by RTC. The length of this run should not exceed 100'.

Telephone –

- For standard telephone service RTC recommends individual home-run cable runs from each jack to the previously mentioned distribution point. Daisy chaining between jacks is strongly discouraged. RTC recommends a minimum two pair twenty-four gauge CAT3 UTP cabling be used.
- Each location should be terminated into a standard modular telephone jack using the red/green or blue/white pair as line one. A jack should be placed anywhere where telephone service may be desired. Any splices in the conductor should use IDC or B type connectors.

High Speed Internet / IPTV Service (Cable TV) –

Reynolds Cable Inc offers 100% digital IPTV and High Speed Internet service. These services DO NOT utilize standard co-ax cable to carry their signal. RCI can provide and install cabling for these services free of charge if an application for service is already submitted. Free installation is subject to RCI standard installation policy which is available online or from our business office.

- For IPTV/HSI service individual home-run cable runs will be needed from each desired television or internet device location back to the previously mentioned distribution point. Cabling must be four pair twenty-four gauge CAT5 UTP cable or better.
- The cabling at each desired television or internet device location should be terminated into an 8P8C keystone jack using the T568B wiring scheme. At the central distribution point appropriate slack should be left or cables terminated into CAT5 or better patch panel.
- Standard telephone service jacks should be installed following the same guidelines listed in the “Telephone” section.

All of the procedures described above can be performed by Reynolds Telephone Co. if desired. Standard installation rates apply and may be viewed online at reytel.net/tos.html or obtained from the RTC business office.