

Detailed Guideline for Buried High Speed Internet Connections to Gold Mountain Homes

Note1: Steps 1 thru 11 are for homeowners that have no dedicated conduit connection and have elected to use the landline connection to their homes.

Note 2: *For homeowners with a dedicated conduit connection, follow steps 1, 2, 3, 5 & 8 thru 11 (italicized) only.*

1-AGREEMENT: *Complete your application for service with Plumas Sierra Telecommunications (PST) and the GM Hold Harmless Agreement.*

2-SCHEDULE: *Schedule an evaluation appointment with Tom Long, GMHSI project manager.*

3-EVALUATION: Complete your evaluation and have the direction of the underground track of your landline from the landline pedestal to your home tracked and marked by GMHOA personnel. GMHOA personnel will use a traceable rodder in the landline conduit and white paint to mark the soil surface showing the underground path of the landline conduit. *If you already have a dedicated conduit, GMHOA personnel will identify the path from the street to the wall and where one needs to make an opening in the interior wall to access the conduit if necessary.*

4-DISCONNECT AT&T: If not already done, discontinue your AT&T service and schedule them to disconnect your AT&T service wire at their pedestal. To schedule AT&T, call 611 and be persistent until you talk to a real person. After AT&T has disconnected your service wire at their pedestal, the landline needs also to be disconnected at the home terminal box and removed from the landline conduit.

5-HOME CONDUIT OPENING: *Taking information received from the evaluation as to where the landline or dedicated conduit enters the wall in your home, cut an access opening in the wall to allow a pull tape to be installed in the conduit and the conduit to subsequently be capped.*

6-TRENCH: After GMHOA personnel have installed the protective trunk line vault and the new conduit sweep for your connection at the street, have a two foot deep trench dug from the sweep opening starting two feet from the vault to intercept the landline conduit at a 45 degree/or less angle.

7-CONDUIT INSTALLATION: Install a 2" schedule 40 conduit connection from the dedicated sweep opening 2 feet from the vault to a 45 degree/or less angled conduit connection into the landline conduit. Using glue for the PVC conduit connections, glue all joints in the connection. It is important that all joints be water tight to prevent possible water intrusion into one's home from the new conduit connections. All conduit angled connections must have a minimum radius of 24 inches.

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8-PULL TAPE: *Have a pull tape rated at a minimum of 400 lb. test installed from the sweep riser opening at the street thru the landline conduit or dedicated conduit to the opening in the wall. Cap your personal conduit connection openings at the street and in the wall to prevent any debris from entering the conduit. Your personal conduit is now ready for the internet service connection when PST is ready.*

9-SCHEDULE INSTALLATION: *After the optical cable in the trunk line at the street has been installed by PST, and you have been notified that installation of the internet cable to your home can begin, schedule an installation appointment with PST.*

10-OPTICAL NETWORK TERMINAL (ONT): *PST will install your ONT on a wall in your garage, home, or crawl space near the opening exposing your landline conduit or dedicated conduit. You must have a 120V socket nearby to power the ONT.*

11-ROUTER INSTALLATION: *After PST has completed and functionally tested your internet service signal at the ONT, connect a CAT 5 or 6 cable into one of the communication ports of your ONT and extend the CAT 5 or 6 cable to wherever you want your router/modem. Your router should support wireless and wired connections for the internet, voice over internet protocol (VOIP), and streaming TV applications. Netgear's top rated ORBI series of routers use advanced technology that allows wi-fi signals to cover up to 5000 square feet of space in and around your home. In some cases, this coverage will significantly decrease the need for lengthy CAT 5 or 6 cable connections.*

12-TRAINED INSTALLER FOR CONDUIT AND PULL TAPE:

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