



Sun Peaks Utilities Co., Ltd.

Memorandum

To: All Residential Property Owners and Contractors
From: Sun Peaks Resort
Date: May 1, 1998
Re: Wiring Your New Home Memo

Sun Peaks Utilities in conjunction with Sun Peaks Resort Corporation and Tourism Sun Peaks is working to provide a state of the art communications infrastructure at Sun Peaks that will support all of the advanced services and features available Today and Tomorrow.

With our advance communication infrastructure and our fibre optics connection to Kamloops, Sun Peaks has access to all, and more of the services that are currently being offered in major metropolitan centers like Vancouver, Toronto, and Los Angeles. Many of the advanced telecommunication features are available today such as high speed Internet access, Video Conferencing, Voice Mail, Caller ID, Conference Three Way Calling, Call Alert, just to name a few..

To ensure that your property has the ability to utilize these services when you want them, please review the following guide for wiring your new home. If you or your contractor have specific questions, please contact the office at 250-578-5490.

Suggested Design Guidelines

To meet the high quality, higher data speeds as well as protect yourself from merging technologies; you may want to consider implementing a structured wiring plan that will ensure that both to day and future communication and entertainment services will be available to you.

Have your contractor run a two-inch communication duct from your house to the utility services at the curb. At Sun Peaks both the telephone and CATV run in the same utility duct system and a two inch conduit is needed to accommodate these and future communication cables.

To service both CATV and Telephone, you will need to have your builder/electrician install TWO (2) distribution boxes on the outside of your home. The boxes will need to be set one on top of the other on the side of the building and connected to your 2" access conduit. The first box would house your telephone connection and the second would house your Cable TV connection. (See attached diagram). Please note, a ground wire is needed in both distribution boxes.

It is suggested that all telephone and CATV cable runs and outlets be serviced with a minimum of Category 5 - four pair copper telephone cable and RG6 coaxial cable and associated connectors. Wall plates are now available that support 2 to 6 jacks (any combination of telephone and CATV) at a reasonable cost.

Note: Prices quoted are budgetary & do not include the provincial or federal taxes.

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Wiring Your Home Memo - Continued

Each cable run should be home run (dedicated) to a central distribution point. You may consider setting aside a common wall in your utility / mechanical room with a 110-power connection allowed for. This way if any terminal equipment or electronics need to be installed to provide services such as alarm circuits, high speed Internet access, mechanical plant monitoring, remote meter reading, as well as plain old telephone service, you are ready. (This is already a standard wiring procedure in most commercial properties.)

In addition, any room that could be used as an office or meeting room should have dedicated coaxial cable runs (same as used for cable TV) in addition to the telephone wiring. This may be used to accommodate high-speed data links (Internet, commercial network access, video conferencing, etc.).

When considering where to locate the telephone and cable TV outlets and in which rooms, remember it is much cheaper to pre-wire outlets that you may not need now, than it is to fish new cables into finished walls later. A number of developers and builders at Sun Peaks Resort have placed extra wiring and outlets, but have not terminated the cable ends. This way, there are lots of options for the future.

Telus and the Tourism Sun Peak's Cable TV charge only for the number of services connected, not for the number of outlets you actually have connected within your home.

However, due to power available to drive the cable TV system, only four (4) cable runs are normally connected at the distribution box. If you require more than 4 cable runs, we might suggest you place a dedicated coaxial cable between the distribution box and a common point in your home for each dwelling unit. This would enable your contractor/electrician to install a CATV amplifier and connect many more cable runs (depending on the size of the CATV amplifier you purchase).

How many jacks to install?

Traditionally, each residence or suite had one telephone jack per bedroom and one jack in the den, kitchen or living room. As well, only one cable TV jack was installed on the opposite side of the bedroom from the bed for TV. However, today and in the future, we will have the option to do such things as watch TV over our computer and access the Internet, banking or play video games on our TV. With merging technologies, the type of connection and location may be critical in where you can access these services.

Don't forget to treat any suites the same way as you would your main house.

In order to meet the communications demands of tomorrow, commercial and residential structures should look towards aligning their communications wiring plans with the Intelligent Building Standards. Thus it is very important to remember that while there may be one or many suppliers that will deliver phone, CATV and multi-media services to your home, you will be responsible for the delivery of their services within your building.

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