

Madison Harris

From: Madison Harris
Sent: Friday, August 16, 2024 1:23 PM
To: Madison Harris
Subject: FW: 362/366 Taylor - Duplex Review
Attachments: TAYLOR AVENUE ELECTRICAL PHOTO SURVEY 8-2-24.pdf; EXISTING POLE BETWEEN 386 & 382 TAYLOR.pdf; EXISTING POLE BETWEEN 352 & 342 TAYLOR.pdf; PREVIOUS ELECTRICAL CONNECTION TO 362 TAYLOR 20FT ABOVE GRADE.pdf; 362&366 Taylor Proposed Pole with conduit from Overhead Lines.pdf; 18 ft SNOW RAKE SCALE.pdf; Temp Supply from Overhead Supply.pdf

From: KARL KRUGER <kruegerarchitect@comcast.net>
Sent: Wednesday, August 7, 2024 10:32 AM
To: Madison Harris <planner1@minturn.org>; John Krueger <john@jkcovail.com>; Michelle Metteer <manager@minturn.org>
Cc: Jeffery Spanel <jspanel@inter-mtn.net>; Jay Brunvand <treasurer@minturn.org>; Kevin Rindy <code@minturn.org>
Subject: RE: 362/366 Taylor - Duplex Review

Hi Madison, Town Staff and Town Council,

I am sending this e-mail as my summary of the reason I have requested to come before the Town Council to demonstrate i meet the spirit and intent of Minturn Code section 16-17-110.

Sec. 16-17-110. - Underground utilities. Except as otherwise approved by the Town Council, all wires, cables or other equipment for the distribution of electric energy and telecommunications signals, with the exception of transformers, meters, junction boxes and similar equipment, shall be placed underground. Where developments are approved along or with crossing existing overhead power and communication facilities, energy and telecommunications may be obtained from these existing facilities. The service connections to these facilities shall be placed underground unless otherwise approved by the Town Council due to economic, engineering or aesthetic reasons. Utility easements and right-of-way shall be provided as part of the development. (Prior code 16-17-11)

- **I believe I meet the spirit and intent of section 16-17-110** because i have removed overhead connection lines to my building and i am not reinstalling it. Currently, any new or existing home on Taylor has to somehow obtain new or replacement electrical service from existing overhead lines- whether its an existing pole or a new pole seems immaterial. No existing poles are near my property- the closest is 60ft, the other is 100 ft away. In addition, the proposed 20' tall new new pole is not itself an overhead line or distribution equipment, but is rather a support for a conduit from the overhead line to the ground, where underground burial of electric service to the duplex will begin.
- **A new, substantial pole will be required for just my temporary electrical service needed to build the duplex** (see last attachment) and it might as well be permanent since it is likely just as expensive to install a 20' permanent pole (round, 18" diam.) for an electrical line that is only 20' above Taylor pavement. Paying for an install and de-install of the temporary pole in addition to the requirements in the bullet point below are uneconomical, redundant and a waste of materials and labor and effort all soon to be undone if /when the electrical lines are buried.

- **There doesn't appear to me to be a good reason for me to trench**, provide heavy duty electrical cable, and back-fill 60 ft and also repave my neighbor's 20' wide drive just to get electrical service to my property corner from an existing pole, especially when this new 60' electrical service line will be redundant if/when Minturn ever does bury the electrical distribution line.
- **My northern neighbor, (372 Taylor) if/when the property redevelops, could use this new proposed pole** instead of trenching, installing cable, and back-filling 50' to the nearest pole and repaving 20' of newly installed asphalt. The trenching for 372 Taylor will also be redundant when/if lines are ever buried if approval is not given to install a 20ft pole for both of our use.

Background: The overhead electrical line, that the home I demolished was connected to, is at 20 ft above the grade below. I know this because when Xcel disconnected it, a little wide spot with some bumpers or insulators remained (see attachment 4) and that's the connection/line that I measured to. I used a snow rake that is 18'-0" tall out measure the line height and you can see the line is at about 20'. (see 2nd to last last attachment)

Apparently there is a high voltage line that is well above the electrical line that my old home once was connected to. That apparently high volt line comes down to a transformer on a pole in front of 386 and 382 Taylor (see photo 2). From the transformer a line comes down the pole to the line that I measured to, which is presumably voltage for households. It will thus require a 20 ft pole (exposed above soil) to reach the household voltage service line.

I am not adding overhead line, just a pole to bring electricity down for the duplex to use and my neighbor's property to use if/when my neighbor rebuild .

Thanks,
Karl Krueger / Architect
www.karlkruegerarchitect.com