

Re: Site Plan for 108 Great Road Electrical

On Thursday February 29, Steve Quinn of Quinn Electrical here in Stow MA, Derek Scott of Hudson Light and Power and myself (retired Journeyman/Master Electrician) met on-site to discuss the electrical plan for the property at 108 Great Road. Here are our conclusions:

It is the intent of the Planning Board and the town-voted-in Lower Village plan to have all new electrical installations be underground. How to accomplish this mission without great cost impact upon new business entities is the question. HLP proposes an option taken by numerous towns (eg. Concord): any new installations go underground from the feed pole to the service entrance point. This allows for future replacement of overhead feeds to underground but allows for new installations to be compliant and ready for the future. This is easily possible for 108 Great Road and definitely not cost prohibitive.

Here in Stow, Hudson Light and Power (HLP) understands that plans for the future involve bringing electrical power underground across Great Road (north side) to the south side where the proposed Dunkin is planned for 108 Great Road. While the planning board does not expect Dunkin to absorb this cost of crossing Great Road underground, it is possible to achieve an underground feed from the electrical feed on the "to-be-replaced" pole on the south side of Great Road, coming down the pole in pipe, proceeding underground across the parking lot to the rear of the building where the electrical service will enter 108 Great Road.

In short, HLP suggests the following: the pole on the east side of the building presently supporting the two light heads for both the Presti property and 108 is no longer viable and needs to be replaced. HLP will replace this pole with an appropriately sized pole to support their electrical feed across Great Road. At present, the electrical feed crosses Great Road, attaches to the side of 108, then feeds over to the existing light heads. HLP proposes to feed directly across Great Road to this new light pole located in the same position as the existing pole on the east side of 108. From this pole, Dunkin can easily run underground from the pole to their service entrance location at the rear of the building. This proposal will allow Dunkin to comply with the Lower Village vision to work toward underground utilities, without great cost impact.

Margaret Costello -three drawings attached