

Wendy Meisner

From: Zach Dahl
Sent: Thursday, July 05, 2018 8:32 AM
To: Wendy Meisner
Subject: FW: Altos One Structural and GC Letters for City Council
Attachments: Altos_One_SouthBay_GC_Letter.pdf; Altos_One_Structural_Letter.pdf

Follow Up Flag: Follow up
Due By: Monday, July 09, 2018 8:00 AM
Flag Status: Flagged

Hi Wendy,

Can you forward this information along to Council as supplemental info for the 4856 ECR Story Pole Exemption request? Thanks.

Zachary Dahl, AICP
Planning Services Manager

Community Development Department
City of Los Altos
(650) 947-2633

From: Mircea V [REDACTED]
Sent: Tuesday, July 03, 2018 6:26 PM
To: Zach Dahl <ZDahl@losaltosca.gov>
Subject: Altos One Structural and GC Letters for City Council

Zach, The Structural engineer made his letter to city council and I just received a GC letter in support of that so those two documents should be supplementing the agenda item for July 10th.

Thanks much.

Happy 4th.

Mircea

July 3, 2018

City of Los Altos
1 North San Antonio Road
Los Altos, CA

RE: Story Pole Review
4856 El Camino Real
Los Altos, CA

To Whom it May Concern:

As a general contractor, the installation of story poles on the subject site using the “cantilever” pole approach will necessitate the use of a crane or lift to install these poles. The poles are likely to be relatively large and will have to extend several feet into the ground. Consequently, the poles will probably be over 70’ long. Since the site currently has an occupied building and is served by an active parking lot, it is our opinion that the pole installation may very well be a risk and danger to the occupants of the building and vehicles in the parking lot. For this reason, as a contractor, we would not be willing to install cantilever story poles on this site and recommend the installation of conventional story poles that utilize guy wires for lateral stability.

Respectfully,



Richard Furtado
CEO



June 27, 2018

Los Altos City Council
1 North San Antonio Road
Los Altos, CA 94022

Re: Story Pole Review
4856 El Camino Real
Los Altos, CA

To Whom It May Concern:

As requested, I have investigated the issue related to the story pole installation at the subject site related to the construction of a new five-story apartment building. It is my understanding that the Town of Los Altos requires the submission of a story pole plan as a condition of project planning approval. This site is particularly challenging in that the story pole installation will occur while the existing building and associated parking is still occupied.

I have investigated the details for the installation of story poles, by speaking with firms that specialize in their installation. Informationally, the story poles for this site must extend to a height of approximately 61' above grade on the El Camino side and approximately 35' at the building rear, to match the building profiles at the front and rear.

My investigation into story pole construction for this site revealed the following. Standard story pole construction utilizes relatively small vertical members, (such as 1-1/2" steel tube or small timber members, 2x4 or 3x4), laterally stabilized by three sets of guy wires oriented at 120 degrees to each other, anchored to the ground. Guy wire vertical spacing varies, depending on the height varies. For this installation, the guy wires would be spaced at approximately 20'. The guy wires occupy space that restricts use of that space for parking, etc. For this site, there is a limited number of locations where story poles can be installed without compromising a significant amount of parking.

I also looked into the feasibility of utilizing cantilever story poles, thereby, eliminating the need for guy wires. I was not able to find a story pole company that could install cantilever story poles at the 61' required height. It was conveyed to me that this is a very unconventional, non-standard method of story pole construction. Installation of cantilevered story poles would likely require the fabrication of steel poles, specifically designed to cantilever 61' above grade. It would also likely require the engagement of a general contractor, with a relatively large crane or lift to install the poles. Given that this site is currently occupied, this may impose some danger or safety risk to the building tenants during the installation.

In summary, I have over 40 years of experience in the design of commercial buildings throughout the San Francisco Bay area. Many of these projects required the installation of story poles. To the best of my recollection, none of the story pole installations were constructed without the aid of guy wires.

In summary, it is my strong recommendation that the story poles utilize the standard guy wire construction and avoid the use of cantilever poles. It is also my opinion that the use of cantilever story poles erected on an occupied site presents an unnecessary and complicated installation operation.

Yours truly,

STRUCTURAL ENGINEERS, INCORPORATED



Sam Koerper, S.E. #02799
Founding Principal

