

09-1514
1-12-10 #28



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Carlton Engineering
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Attn: Jeff Thompson

Re: **Hines Aerial Mapping Efforts**

The following is a summary of aerial mapping efforts as requested by Alan Hines of his El Dorado Hills - Vista Del Lago property and the property to the east.

Prior Mapping

Initial project mapping was performed in December 2003 by aerial photogrammetric survey methods utilizing a 1st-order analytical stereo-plotter. The 2003 aerial mapping was flown at a low altitude to fit the immediate project area, and mapping was performed to meet national map accuracy standards for a 1-foot contour interval.

2009 Aerial Mapping

In December 2009, client requested new aerial photography and mapping be performed. Along with imaging the Hines property, the flight parameters of the 2009 photography incorporated the lands to the east of the Hines property as well. HSI personnel established aerial targets for the flight, and tied additional ground elevations (to assist in expanding the mapping limits of the prior 2003 photography).

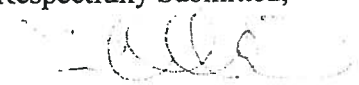
The 2009 aerial mapping was flown at an appropriate altitude to fit the immediate project area, and mapping was performed on a 1st-order analytical stereo-plotter to meet national map accuracy standards for a 2-foot contour interval.

Expansion of 2003 Aerial Mapping

With the 2009 additional ground ties expanding the 2003 mapping limits, the original 2003 photography was again set-up in the aerial mapping plotter. Additional data was compiled to an area down-slope to the easterly of the Hines property. This expanded aerial topo coverage reflected December 2003 conditions of a portion of said east slope, at a 2-foot contour interval.

The aerial mapping from Dec 2003 and subsequent Dec 2009 aerial mapping surveys are established on and related to the same horizontal and vertical datums.

Respectfully Submitted,


James L. White
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Submitted by Doug Roca
#28
at Board Hearing of 1/12/10