

CALIFORNIA DIVISION OF MINES AND GEOLOGY

FAULT EVALUATION REPORT FER-118

March 17, 1981

(Revised May 18, 1981)

1. Name of fault: Canada fault.
2. Location of fault: Palo Alto quadrangle, San Mateo County.
3. Summary:

I have reviewed the Town of Woodside General Plan and supporting geotechnical data (Dickinson). I plotted the accurately and approximately located active faults on the attached maps of the Palo Alto and Woodside quadrangles (in pencil). The few of these faults that lie outside the official SSZ's (orange highlights) are on the Palo Alto quadrangles, and are branches of the Canada fault and not the San Andreas.

I reviewed the 1941 Fairchild aerial photographs in the area of those faults which lie outside the current SSZ's. Evidence for some of the faults is ^{permissive} of Holocene movement, but not mandatory. Not all of the faults ^{mapped} could be detected on the photos.

Since Woodside is currently (according to the General Plan) requiring geologic studies close to these faults, and since we are short of time, I recommend we not revise the SSZ's at this time. Any rezoning should be based on a complete evaluation of this segment of the San Andreas and related faults. The existing SSZ's are very functional since they contain all the known active traces of the San Andreas.

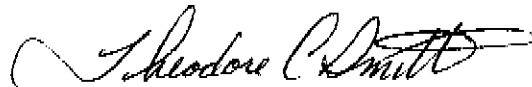
References:

Fairchild Aerial Surveys, 1941, Black and white aerial photographs, Flight C-6660, numbers 203 to 206, approximately 1:24,000 scale.

Cummings, J. C., 1976, Geology and Geologic hazards; Town of Woodside, California: Town of Woodside.

Dickinson, W. R., 1973, Reconnaissance of active traces of San Andreas fault in Woodside: Unpublished consulting report for the Town of Woodside.

Spangle, William, and Associates, 1976, General Plan, Town of Woodside, California: Town of Woodside.



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TCS/map

*I agree with the conclusions
-- zones are functional as is.
GCLA
6/25/81*