

CHAPTER 120.32. SUBDIVISIONS SURVEYS

Sec. 120.32.010. Required.

Before the final map of a subdivision can be prepared or submitted, an accurate and complete boundary survey of the lots, roads, easements and boundaries of the subdivision must be made by a civil engineer registered in the State or a licensed land surveyor. The survey is to be in compliance with the California Land Surveyor's Act.

(Prior Code, § 9339; Code 1997, § 16.32.010)

Sec. 120.32.020. Error limit.

A traverse of the exterior boundaries of the subdivision and of each lot therein, when computed from field measurements on the ground, must close within a limit of error of one foot in 5,000 feet or perimeter. The civil engineer or land surveyor must furnish the County Surveyor at the time the final map of a subdivision is submitted to him or her for his or her certificate, the traverse sheets showing mathematical closure, within the allowable limits of closure. On curves, closure shall be by chord measurement. Other detail maps shall be furnished as may be required for accurate checking.

(Prior Code, § 9340; Code 1997, § 16.32.020)

Sec. 120.32.030. Monument placement.

~~The civil engineer or land surveyor making a survey of a subdivision shall cause permanent monuments as specified in this section to be set in the ground as follows:~~ The civil engineer or land surveyor making a survey of a subdivision shall cause permanent monuments as specified in this section to be set in the ground in accordance with Chapter 121.10.030.

- ~~A. — A 1½-inch (inside diameter) or larger galvanized capped iron pipe, at least 30 inches long, driven at least 24 inches in the ground, will be set at each boundary corner of the subdivision and along the boundary lines of the subdivision at intervals of not more than one-fourth mile. The year date shall be stamped on the top of the cap.~~
- ~~B. — A three-fourths-inch (inside diameter) or larger galvanized (or cadmium plated) capped iron pipe at least 18 inches long, set firmly in the ground and extending approximately three inches above the surface of the ground, shall be set at all lot corners and curve points.~~
- ~~C. — All monuments shall be stamped on the top of the cap with either the notations "RCE" for the registered civil engineer or "LS" for licensed land surveyor, together with the license number of the civil engineer or land surveyor. Lot numbers may be stamped on the caps.~~
- ~~D. — If a monument is set in a paved street, it shall be set with its top at least six inches below the finished grade line of the street, in a cast iron cup with a cast iron cover, set flush with the finished grade of the street.~~
- ~~E. — All full section corners, quarter corners and sixteenth corners that are a part of the subdivision or are required ties to the subdivision shall be rehabilitated for preservation, if required, and complete notations as to what was found or set at each of these U.S. government land survey corners shall be made upon the subdivision map as required by the California Land Surveyor's Act. Unless the U.S.~~

~~government corner is monumented by a 1½-inch or larger galvanized capped iron pipe, it shall be replaced with a 1½-inch or larger galvanized capped iron pipe which shall be stamped appropriately in the manner specified in the manual of surveying instructions, U.S. Bureau of Land Management together with the notation of either "RCE" or "LS" and the license numbers of the civil engineer or land surveyor. The annual date shall also be stamped thereon.~~

~~F. If the found and accepted section, quarter and sixteenth corner is found adequately monumented with a 1½-inch or larger galvanized iron pipe, but is not stamped or only partly stamped, the missing date shall be stamped thereon including the notations of either "RCE" or "LS" and the license numbers and the year date. A statement as to what was found, set or added shall be placed on the subdivision map.~~

~~G. By order entered in its minutes, the Board of Supervisors may authorize placement of other specified kinds of permanent monuments in a specified subdivision.~~

~~H. Prior to a request made to the County Surveyor for a field inspection of the placement of all required monuments, the monuments shall be adequately flagged with wooden stakes and colored ribbon to enable the monument to be readily found.~~

~~(Prior Code, § 9341; Code 1997, § 16.32.030)~~

Sec. 120.32.040. Monument guarantee.

- A. Where the certificate of the civil engineer or land surveyor states that all the monuments will be set on or before a specified later date, the subdivider shall furnish to the County Surveyor a bond or cash deposit in an amount equal to the estimated cost of setting the monuments guaranteeing the payment of the cost thereof. The bond or cash deposit receipt shall be furnished to the County Surveyor for his or her approval prior to his or her signing the final map. The County Surveyor shall file the bond or notice of cash deposit from the auditor with the Board of Supervisors.
- B. Within five days after the final setting of all the monuments has been completed by the civil engineer or land surveyor, he or she shall give written notice to the subdivider and the County Surveyor that the final monuments have been set.
- C. The written notice to the County Surveyor will state that the monuments have been set, that request for inspection is being made and that he or she has received payment from the subdivider or otherwise releases his or her obligation and requests that the subdivider's bond or cash deposit be released to the subdivider.
- D. The County Surveyor will make the field inspection of the monuments and, if found acceptable, shall report by letter to the Board of Supervisors within 30 days subject to weather conditions, stating that the monuments have been set in compliance with this title and recommends release of the bond or cash deposit to the subdivider.

(Prior Code, § 9342; Code 1997, § 16.32.040)

Sec. 120.32.050. Non-completion of monument placement.

- A. If the subdivider does not present evidence to the Board of Supervisors that he or she has paid the engineer or surveyor for the setting of the final monuments and if the engineer or surveyor notifies the Board of Supervisors that he or she has not been paid by the subdivider for the setting of the final monuments, the Board of Supervisors may, within three months from the date of said notification, pay to the engineer or surveyor from any deposit the amount due, subject to certification that the monuments have been set and that the County Surveyor has field checked and accepted the monuments.

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- B. If the setting of the monuments is not complete and acceptable on the first field inspection, a fee of \$100.00 payable to the County Surveyor will be required for the second and each additional field inspection required.

(Prior Code, § 9343; Code 1997, § 16.32.050)

Sec. 120.32.060. Substitute surveyor setting monuments.

In the event of the death, disability or retirement from practice of the engineer or surveyor charged with the responsibility for setting monuments, or in the event of his or her refusal to set the monuments, the Board of Supervisors may direct the County Surveyor or such engineer or surveyor as it may select to set the monuments. When the monuments are so set, the substitute engineer or surveyor shall amend any map filed pursuant to this subpart in accordance with the provisions of Sections 66469 through 66472 of the Subdivision Map Act. All provisions of this subpart relating to payment shall apply to the services performed by the substitute engineer or surveyor.

(Prior Code, § 9344; Code 1997, § 16.32.060)

Sec. 120.32.070. County Surveyor fee.

The fees as set forth by resolution of the Board of Supervisors shall be paid to the County Surveyor as a prerequisite to the filing of a final map on all subdivisions.

(Prior Code, § 9345; Code 1997, § 16.32.070)