

Survey monuments are essential to establishing and maintaining property boundary lines over time and as a result are protected under California state law under Penal Code § 605, Streets and Highways Code § 732, 732.5, 1492.5, 1810.5, as well as Business and Professions Code § 8771: <http://leginfo.legislature.ca.gov/faces/codes.xhtml>

It is the responsibility of the City and County of San Francisco, Department of Public Works, Bureau of Street Use and Mapping Survey Division (BSM) to preserve these survey monuments and to maintain their exact positions over time.

Standard Referencing Fee: \$3,100

Due to the potential for movement or disturbance of survey monument during construction, all monuments within 10 feet of any proposed construction must be located and referenced by a licensed Land Surveyor on a Corner Record or Record of Survey prior to any construction taking place. This is to allow for optimal means of positional verification or replacement in the event that the monument is either potentially disturbed or removed by the construction. BSM requires a fee of \$3,100 per monument to cover the field and office-related costs of the standard referencing process.

Before contacting BSM to do the monument referencing, please fill out and submit an application and required funding **at least 2 weeks prior to construction taking place** so as to accommodate the need for planning and scheduling a field crew. Monument referencing will be scheduled once both the application and funding have been received. BSM will then notify the applicant once the referencing is complete so that construction may proceed. It is the responsibility of the applicant to inform BSM when construction is complete so that the post-construction stage of the referencing may be performed.

Extended Referencing

Where construction proceeded prior to standard monument referencing having been performed, a comprehensive field survey and office analysis shall be required to determine if the construction activity caused any potential movement of the monument or to reestablish the monument position in the event that the monument was destroyed. To perform this extended referencing additional fees shall be assessed and are estimated to be \$10,000 or more.

“Survey Monuments” should not be reset or relocated by the contractor unless under the direct supervision of a licensed land surveyor.

Some monuments are located beneath the ground surface and surrounded by well casings as depicted in Figure 1. When a well casing and lid is reset in the course of construction it shall be centered with respect to the monument as depicted in Figure 1 (without disturbing the position of the monument).

Please direct any concerns or inquiries regarding survey monument referencing or any other monument related issues to: Monument.Preservation@sfdpw.org.

Additional monument preservation information can be found on the California Land Surveyors Association website: <http://www.californiasurveyors.org/moncon-ls.html> and in the 2015 Subdivision Regulations, Appendix A, Sec. VI (page 41): <http://sfdpw.org/modules/showdocument.aspx?documentid=4740>

Figure 1

Some Typical Monuments with Well Casings



Figure 2

Some Typical Surface Monuments




Figure 3

Typical Corner Record

CORNER RECORD Document Number AB 6355 Lots 05E

City of San Francisco County of San Francisco, California

Brief Legal Description NORTHEAST CORNER OF BLOCK 6355 LOT 05E

	CORNER TYPE		COORDINATES (Optional)	
	Government Corner <input type="checkbox"/>	Control <input checked="" type="checkbox"/>	N. _____	E. _____
Meander <input type="checkbox"/>	Property <input type="checkbox"/>	Zone _____ NAD27 <input type="checkbox"/> NAD83 <input type="checkbox"/>	NAD83 Epoch _____	Elev. _____
Rancho <input type="checkbox"/>	Other <input type="checkbox"/>	Vert. Datum: NGVD29 <input type="checkbox"/> NAVD88 <input type="checkbox"/>	Meas. Units: Metric <input type="checkbox"/> Imperial <input type="checkbox"/>	
Date of Survey <u>January 16, 2014</u>				

Corner - Left as found Found and tagged Established Reestablished Rebuilt

Identification and type of corner found: Evidence used to identify or procedure used to establish or reestablish the corner:
SET REFERENCE POINTS FOR STANDARD CITY SURVEY MONUMENT. POINTS SET AS SHOWN ON PAGE 2 OF 2.

A description of the physical condition of the monument as found and as set or reset:
FOUND CITY MONUMENT IN CONCRETE SIDEWALK IN COVERED WELL WITH LEAD PLUG AND TACK. MONUMENT ID #17166.

SURVEYOR'S STATEMENT

This Corner Record was prepared by me or under my direction in conformance with the Land Surveyor's Act on October 22th, 2014

Signed Marilyn Lopes P.L.S. or R.C.E. No. 7550

COUNTY SURVEYOR'S STATEMENT

This Corner Record was received 10/27/2014

and examined and filed 10/27/2014

Signed Marilyn Lopes P.L.S. or R.C.E. No. 7550

Title Chief Surveyor

County Surveyor's Comment REFERENCE POINTS SET BY CITY CREWS UNDER DIRECTION OF THE COUNTY SURVEYOR

TW, JH

