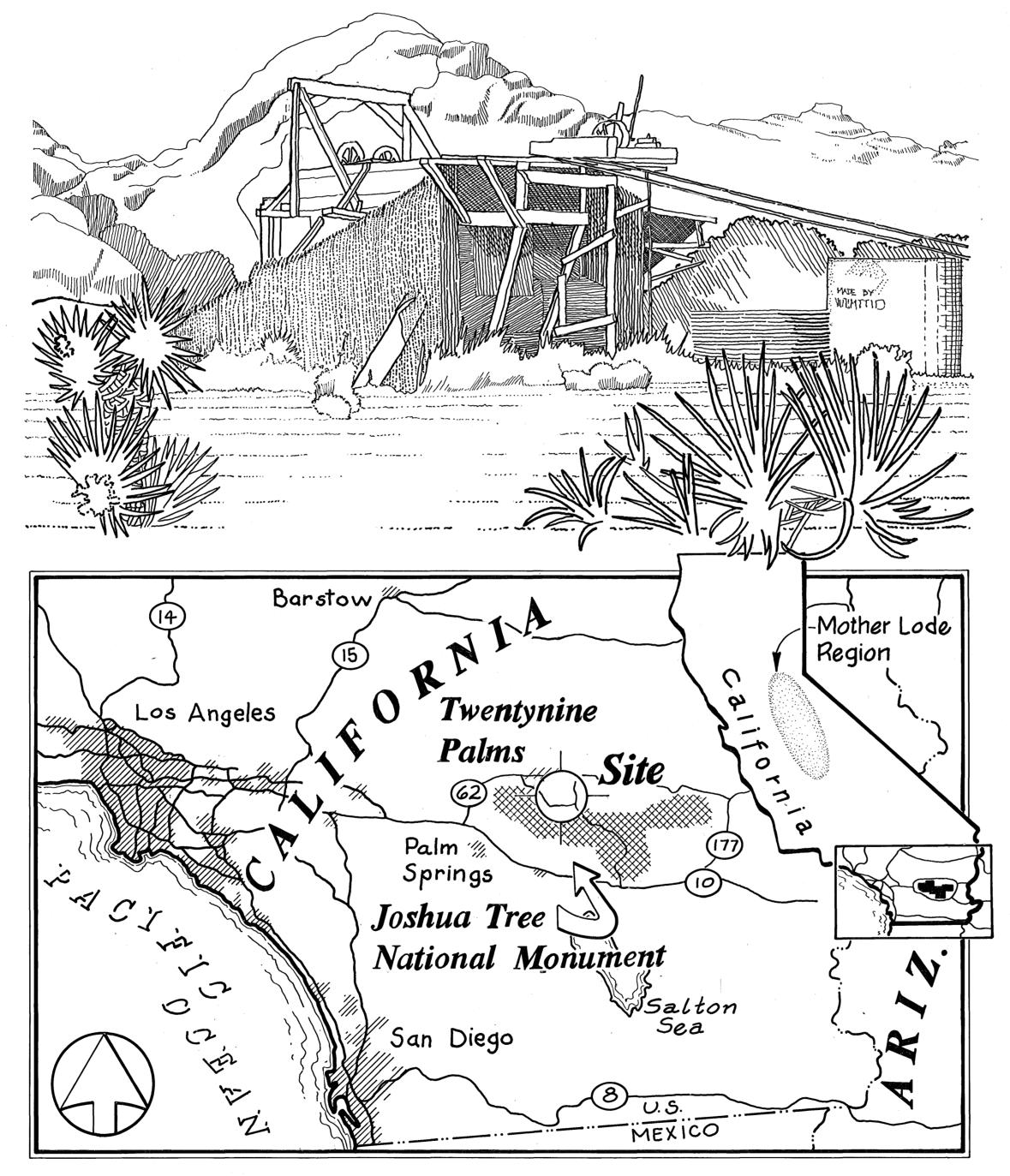
Joshua Tree National Monument 1931.

The Wall Street Gold Mill is the only mill in this region which is virtually complete and potentially operable. Because of that, and its local technological and mechanical significance, the mill is on the National Register of Historic Places. The two-stamp mill used amalgamation and concentration to remove gold from hard rock ore.

Features on the site include the mill machinery, the building which houses it, the well which supplied water for the mill's operation, and the well pump. William F. (Bill) Keys, long-time desert resident and small mine operator, opened the mill in 1931. It is south of Twentynine Palms, California, in the Mojave Desert. The site became part of Joshua Tree National Monument in 1971.

During the Depression, mining regions experienced a second gold rush. As miners arrived, Keys observed the need for a mill. He selected a site which had water, and filed a mill site claim on a five acre parcel in 1930. Keys gathered machines from mines and mills in the area, and assembled them to create the Wall Street Mill. He also added equipment after he opened the plant. As a result, the machinery in the Wall Street Mill dates from circa 1897 to the 19305.



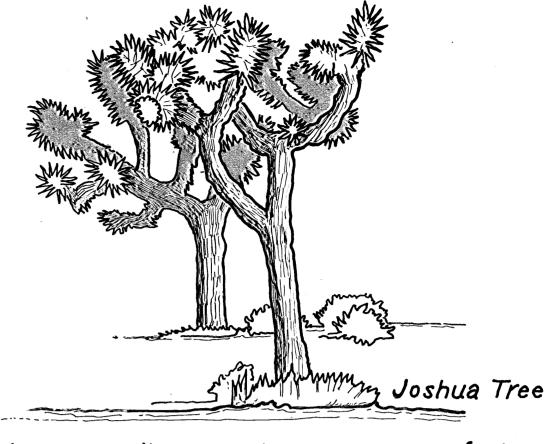
LOCATION MAP

0 20 60 Miles Scale 1: 1,540,000 0 50 100 Km

Site Location UTM Zone II Easting 580050 Northing 3766300

Keys operated the plant primarily as a custom mill, processing ore for other small miners for a fee. He also handled ore from his mines. The small size of the two-stamp Wall Street Mill was appropriate for the small scale mining that was conducted in the region. Keys worked the mill intermittently until 1942. His son, Willis, operated it in 1949, and Bill ran the plant for about a month in 1966. The Wall Street Mill has been closed since that time.

Heavy timber framing supports the ore chute, ore crusher, and the two-stamp mill. The vernacular construction that surrounds this heavy timber core is an eclectic range of wood framing members and corrugated sheet metal. Deck floors are wood planking and floors on grade are dirt. The machinery and equipment include a jaw crusher from the Fulton Engine Works, a twostamp mill built by the Baker Iron Works in 1891, an amalgamation table, a concentration table, a water pump, two large galvanized-iron water tanks, a three-horsepower Fairbanks Morse engine which operated the well pump, and a twelve-horsepower Western gasoline engine. The latter engine powered the mill machines through a system of shafts, belts and pulleys.



This recording project is part of the Historic American Engineering Record (HAER), a long-range program to document historically significant engineering and industrial works in the United States. The HAER program is administered by the National Park Service, U.S. Department of the Interior. The Wall Street Gold Mill Recording Project was cosponsored during the summer of 1991 by the Historic American Buildings Survey/Historic American Engineering Record under the general direction of Dr. Robert J. Kapsch, Chief; Joshua Tree National Monument, David Moore, Superintendent; and Park Historic Preservation, Western Regional Office, N.P.S.. Thomas Mulhern, Chief.

The field work, measured drawings, historical reports, and photographs were prepared under the direction of Eric DeLony, Chief of HAER. The recording team consisted of Ruth Connell, Supervisory Architect (Annapolis, MD.), Elizabeth Wegman-French, (University of Colorado), Historian, and Guek Hoon Ong (Louisiana State University) ICOMOS, Malaysia), and John G. Eberly, (Texas Tech University), Architecture Technicians. Formal photography was done by Brian Grogan, Yosemite, CA. William Truesdell, Chief of Interpretation, served as park liaison. Dr. Donald Hardesty, University of Nevada-Reno, provided archeological observations.

/E TWENTYNINE DAI MS VICINITY

HISTORIC MINING INITIATIVE RECORDING PROJECT

TRIM LINE

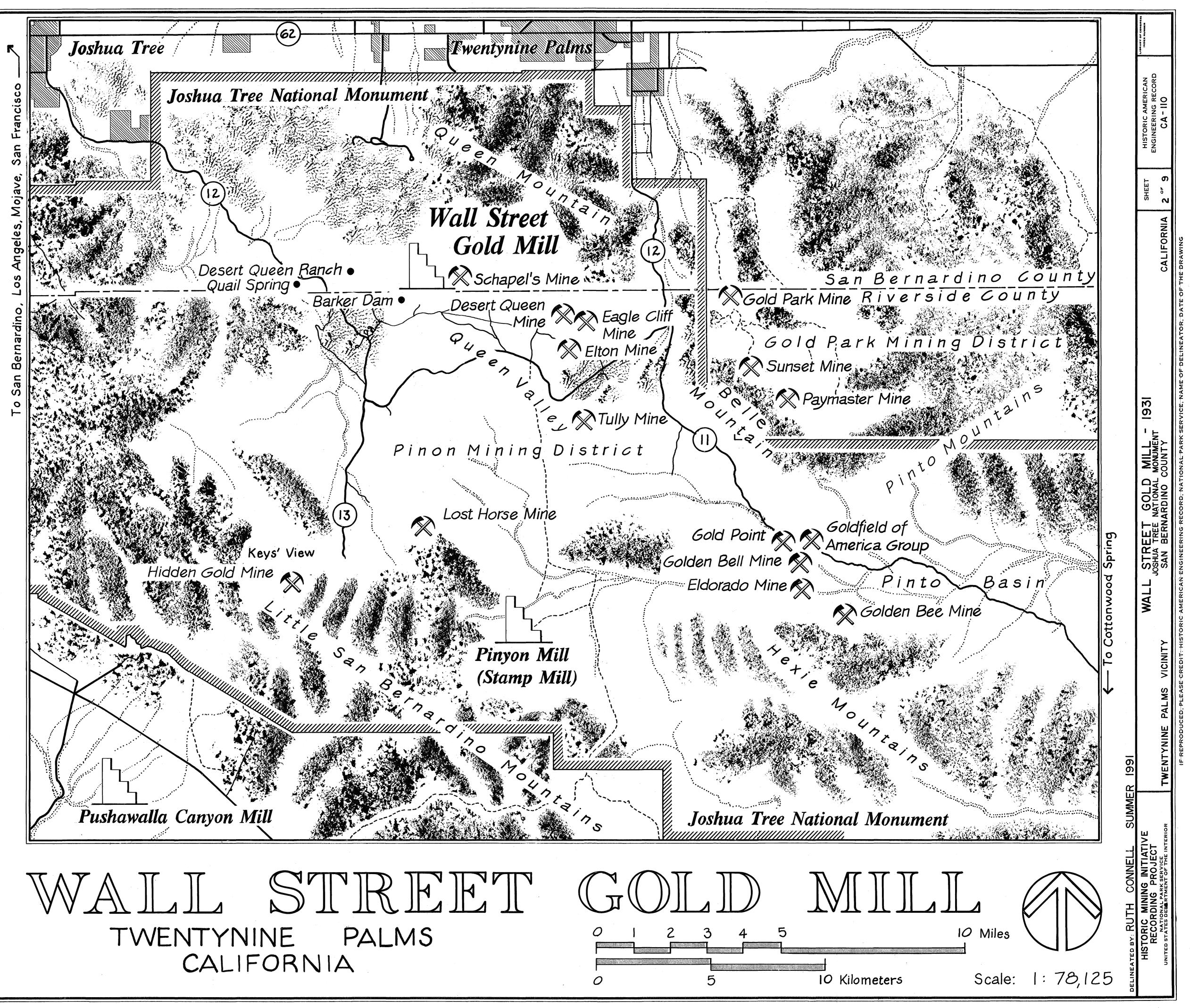
The Wall Street Mill was one point in a network of machinery, ore, water, supplies, and gold. The mill consisted of a conglomeration of equipment which the owner, William F. (Bill) Keys, acquired from several locations. Keys had previously installed the crusher at a mill he built in Pushawalla Canyon for the Hidden Gold Mine. The twostamp battery was originally made for the mill at the Pinyon Well, and the engine came from the Paymaster Mine. The concentrating table had been used at a short-lived mill just across the wash from the Wall Street Mill.

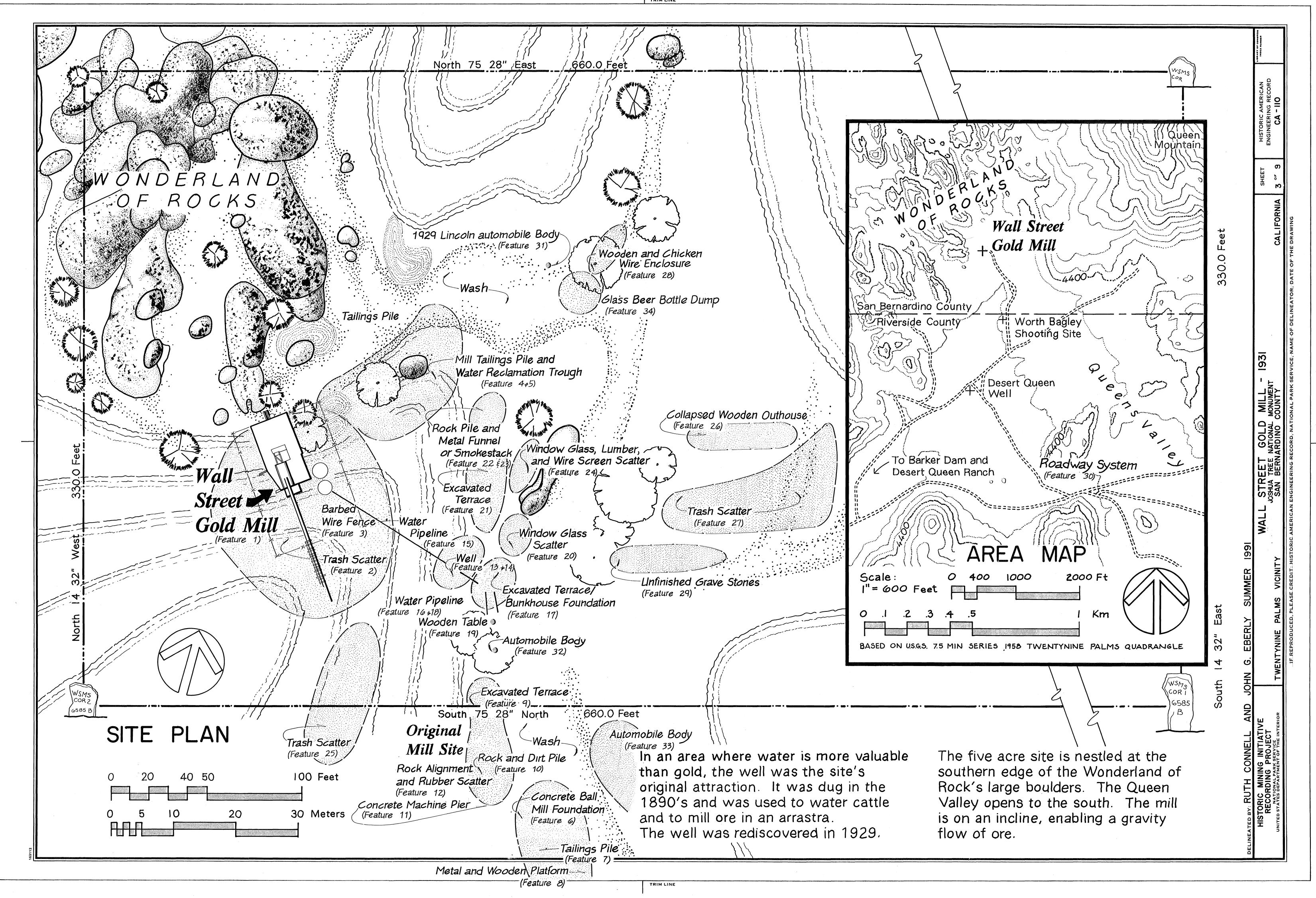
Once the Wall Street Mill began operation in 1931, it processed ore from numerous mines in the Pinon and Gold Park Mining Districts, including Keys' own Desert Queen Mine. A well at the mill site provided water, a valuable resource in the desert. In dry years, when that well was low, Keys hauled in water from Quail Spring, Barker Dam, and the well at his Desert Queen Ranch. San Bernardino and Los Angeles were major supply points. When the gold was removed from the ore, it either went back to the miner, to a smelter in Mojave or to the U.S. Mint in San Francisco.

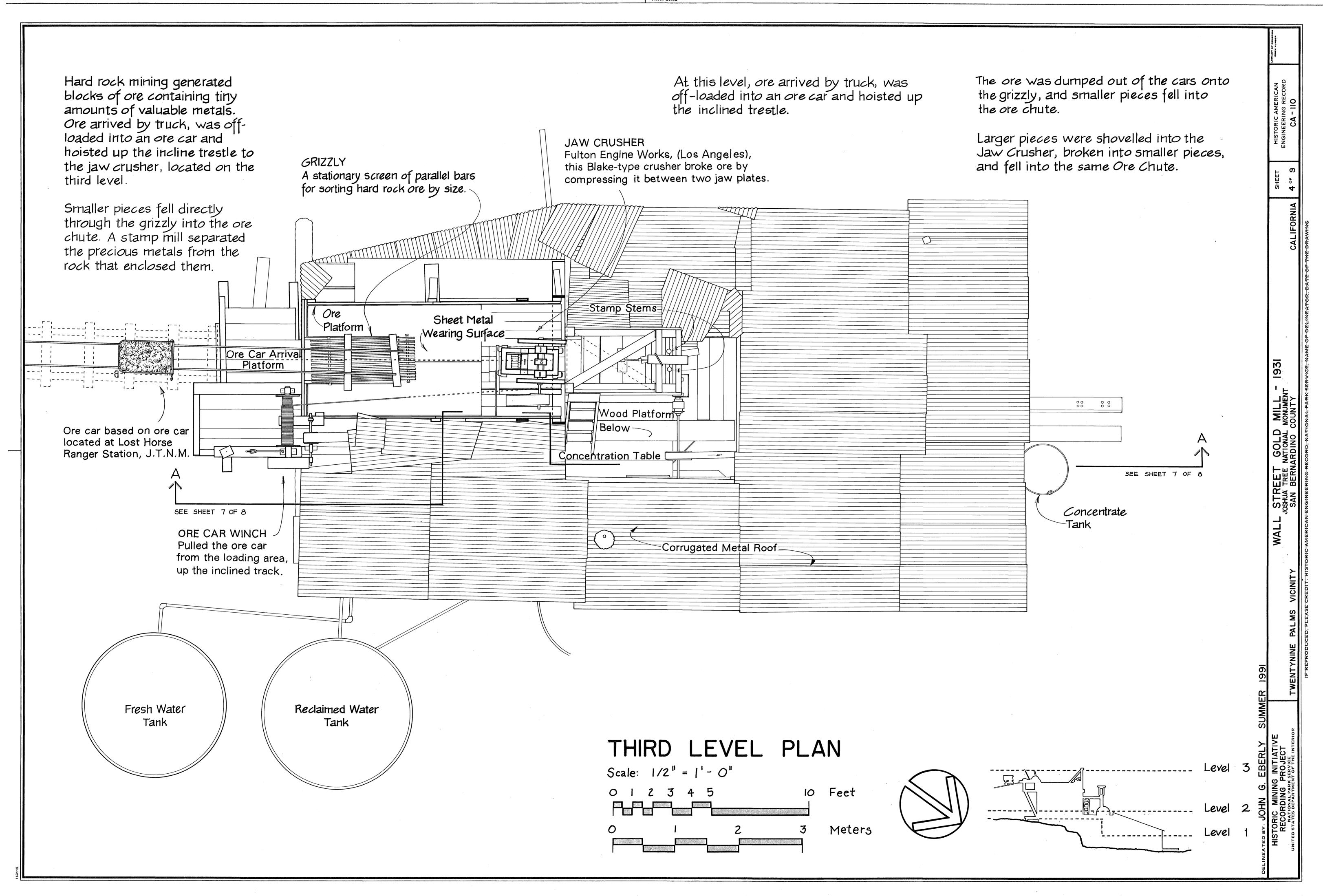
The following mines were known by more than one name: Eagle Cliff as the Black Eagle; Elton as D.C.; Tully as the Crown Prince; Golden Bell as the Margaret and as the Bluebell; Golden Bee as Dickey Boy.

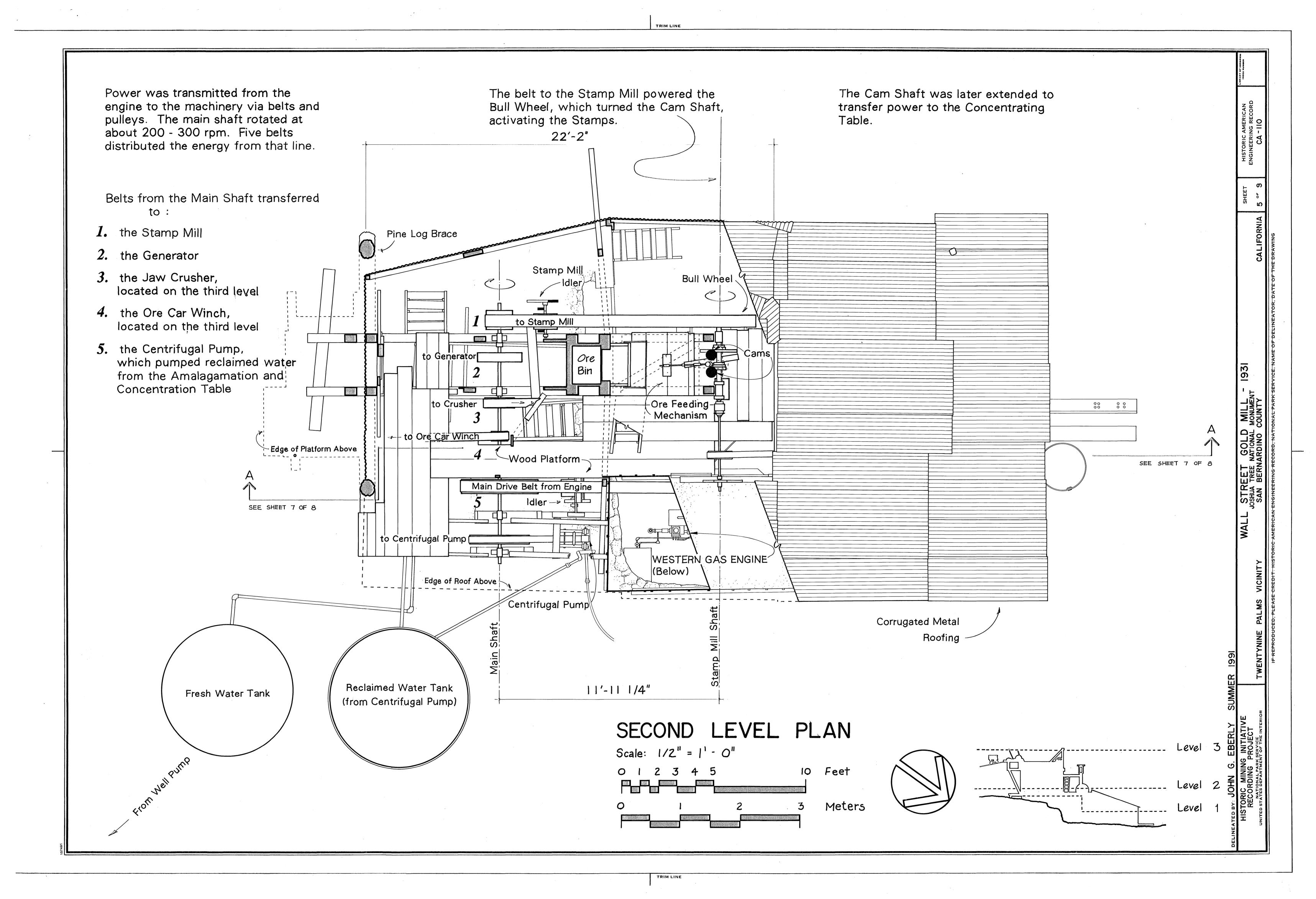
This map is based on USGS topographical maps modified and revised by Trails Illustrated with the cooperation of the National Park Service.

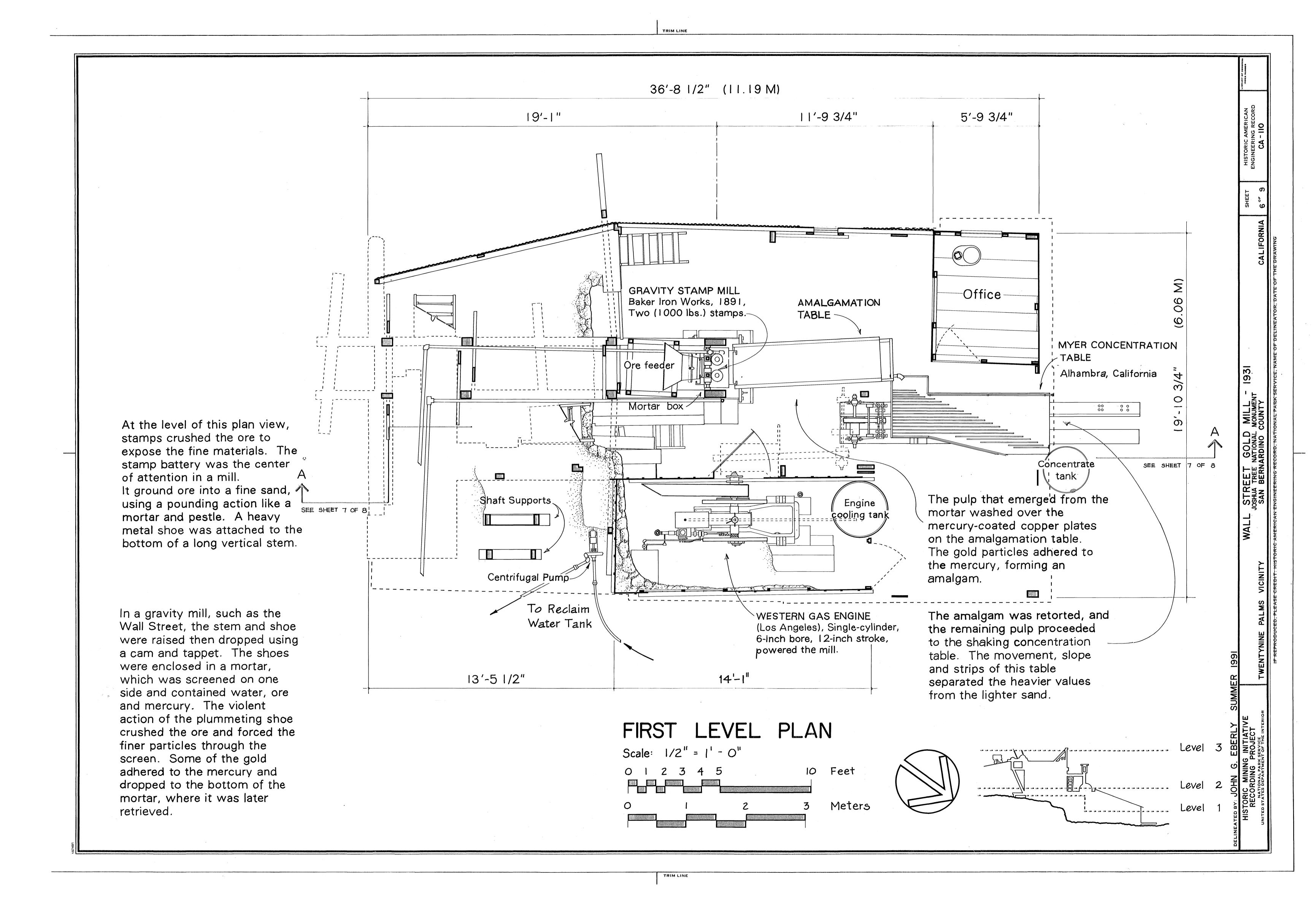
Trails Illustrated P.O. Box 3610 Evergreen, Colorado 80439-3425

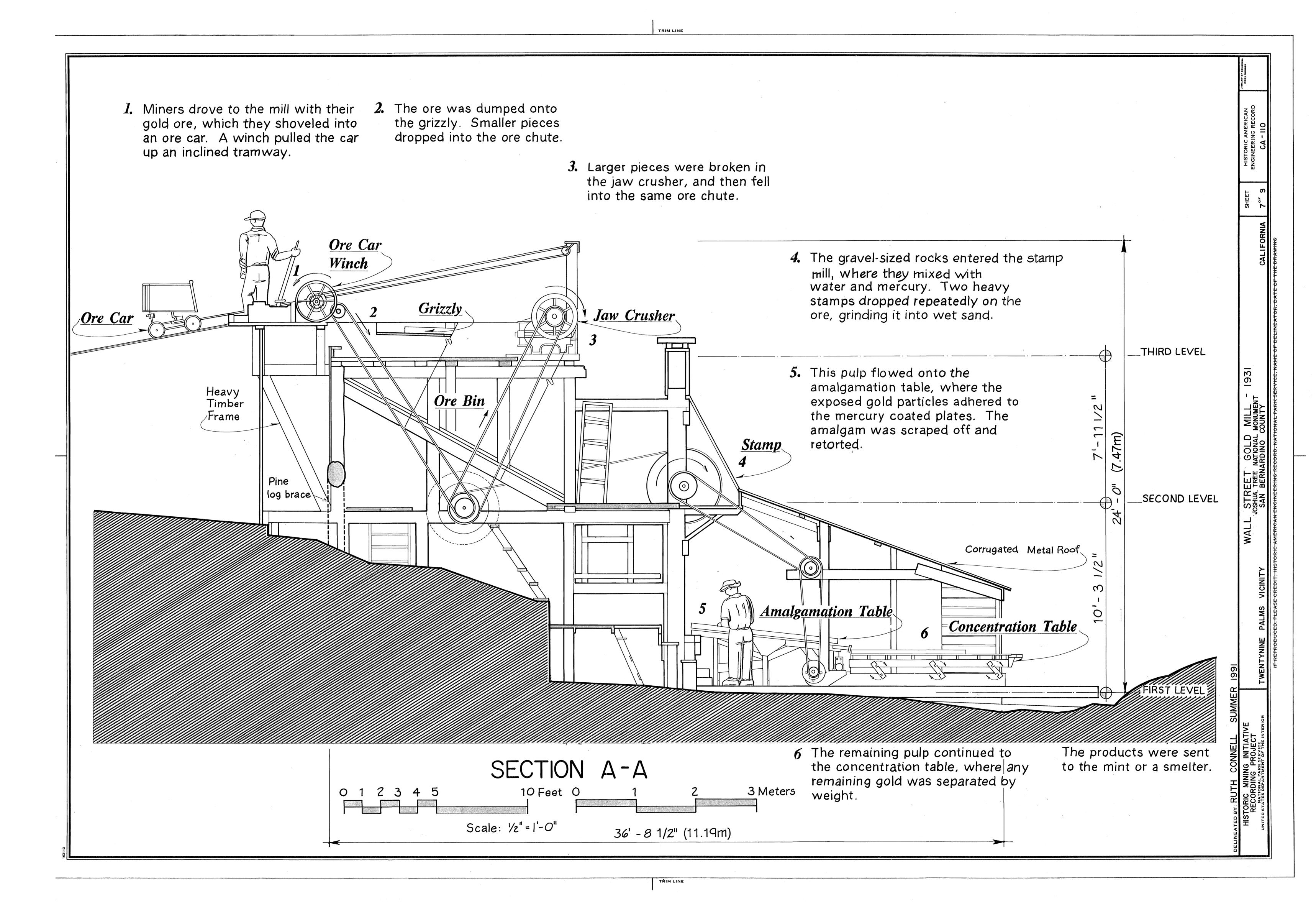


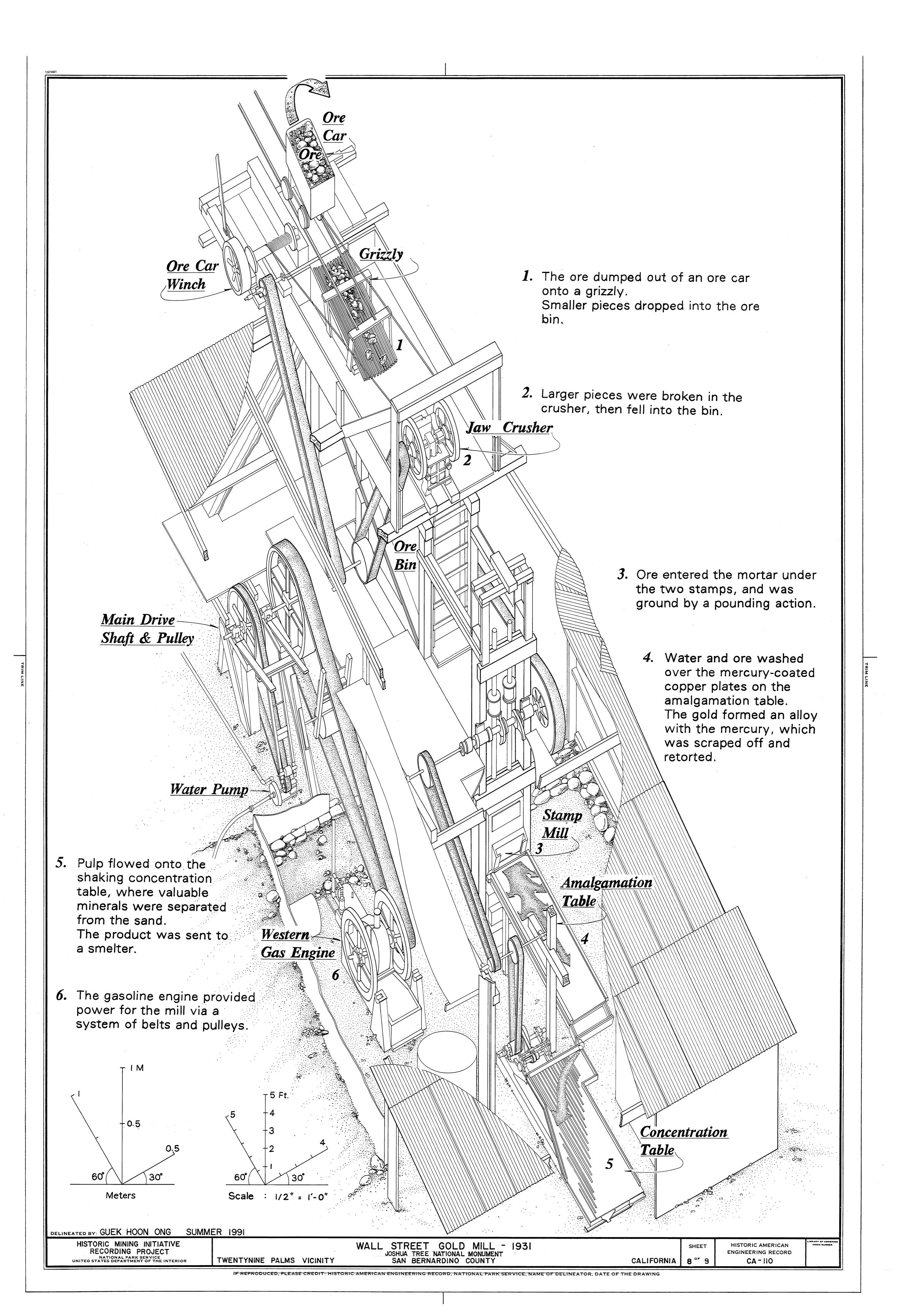


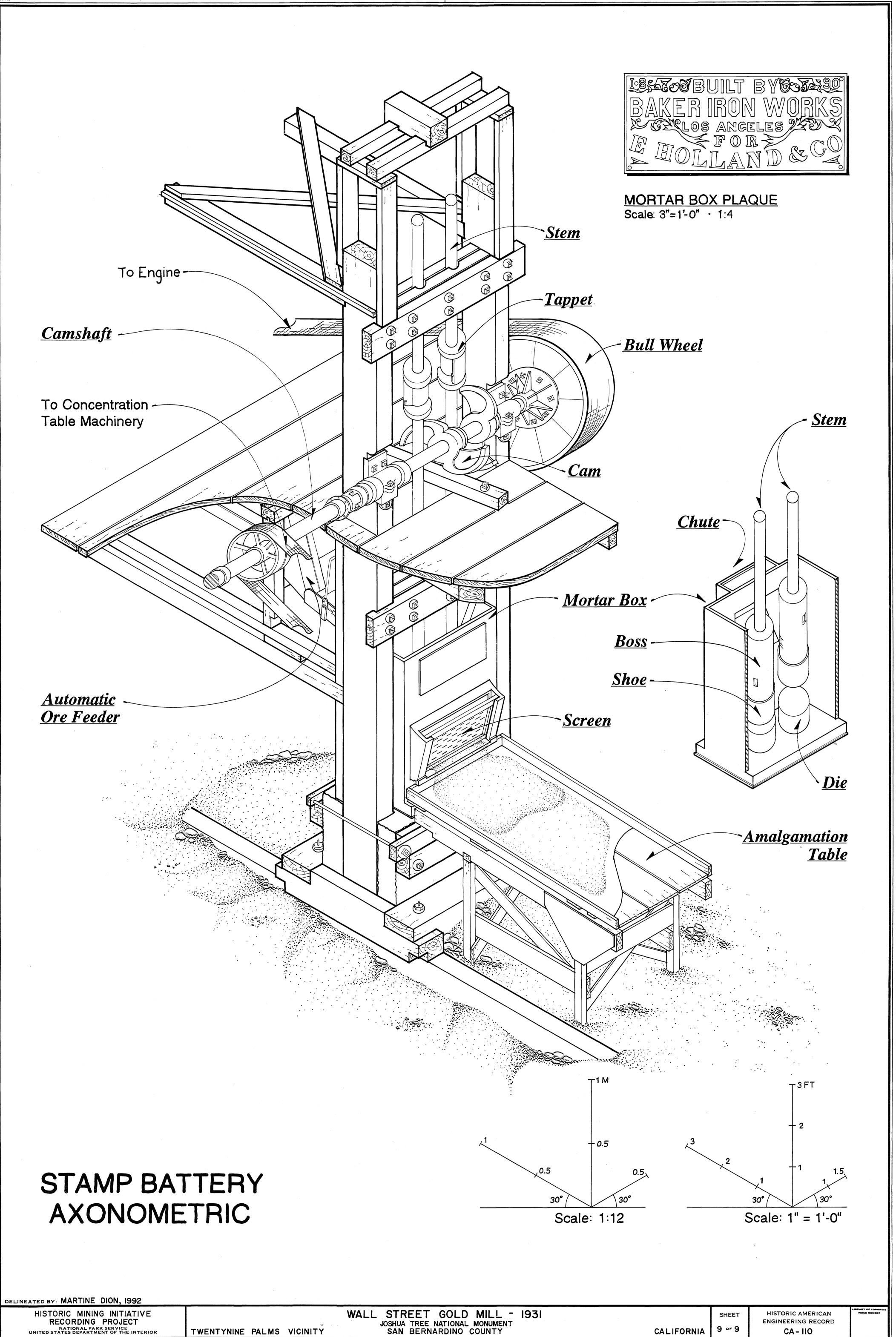












IF REPRODUCED, PLEASE CREDIT: HISTORIC AMERICAN ENGINEERING RECORD, NATIONAL PARK SERVICE, NAME OF DELINEATOR, DATE OF THE DRAWING