

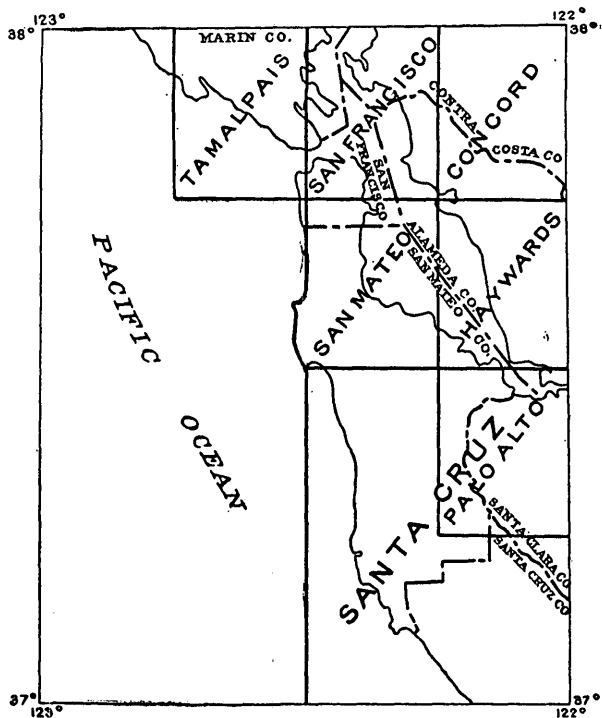
DEGREE QUADRANGLE 37°-38°, 122°-123°

FIGURE 36.—Diagram of degree quadrangle 37°–38°, 122°–123°

CONCORD QUADRANGLE

[Latitude 37° 45'–38°; longitude 122°–122° 15']

CONTRA COSTA COUNTY

Primary leveling by J. A. Vogleson in 1896

From Martínez southeast along highway through Pacheco to Concord

	Feet
Pacheco, brick building with iron shutters, formerly a warehouse, owned by G. Anderson, third building north of road to Concord and post office; iron piece projecting from wall, U. S. C. & G. S. b. m -----	21. 495
Pacheco, 0.75 foot south of preceding bench mark, in wall of same building; bronze tablet stamped "21" -----	21. 480
Concord railroad station; top of rail at road crossing-----	42. 3
Concord, west corner of public square, southeast of intersection of Main St. with street running by Kline's Hotel; iron post stamped "65" -----	64. 953

From Danville north along road to Pacheco

	Feet
Alamo, east side of Main St., north side of lane to railroad ranch, opposite hotel and post office; iron post stamped "270"-----	270.646
Walnut Creek, in school yard, between eucalyptus trees, near east fence; iron post stamped "151"-----	150.937

PALO ALTO QUADRANGLE

[Latitude 37° 15'-37° 30'; longitude 122°-122° 15']

SANTA CLARA AND SAN MATEO COUNTIES

Precise leveling by the U. S. Coast and Geodetic Survey in 1910-11

From Sunnyvale northwest along Southern Pacific R. R. to Redwood

	Feet
Sunnyvale, in east end of grass park which lies northwest of Southern Pacific R. R. station; red metal disk in concrete post (U. S. C. & G. S. b. m. L-7)-----	97.769
Mountain View, north of Southern Pacific R. R. station, in south side of northern one of two circular grass parks; red metal disk in concrete post (U. S. C. & G. S. b. m. K-7)-----	77.598
Mayfield, in south end of small grass park, north of the Southern Pacific R. R. station and west of track; red metal disk in concrete post (U. S. C. & G. S. b. m. J-7)-----	32.838
Palo Alto, in north end of small grass park, east of Southern Pacific R. R. and south of University Ave.; red metal disk in concrete post (U. S. C. & G. S. b. m. I-7)-----	62.080
San Mateo County near Palo Alto, Santa Clara County, at north end of Southern Pacific R. R. bridge over San Francisquito Creek, which forms the boundary between San Mateo and Santa Clara counties, west of track, on top of stone abutment; red metal disk (U. S. C. & G. S. b. m. H-7)-----	73.523
Menlo Park, on opposite side of alley from Oak Grove Villa Hotel, in top of concrete sphere on a corner post, about 1.2 meters above the ground; red metal disk (U. S. C. & G. S. b. m. G-7)-----	70.633
Redwood, north of Southern Pacific R. R. station, in north corner of triangular grass park; red metal disk in concrete post (U. S. C. & G. S. b. m. F-7)-----	12.713

SAN FRANCISCO QUADRANGLE

[Latitude 37° 45'-38°; longitude 122° 15'-122° 30']

ALAMEDA, CONTRA COSTA, SAN FRANCISCO, AND SAN MATEO COUNTIES

Primary leveling by J. A. Vogleson in 1896

From Oakland Point to Oakland, thence north along Southern Pacific R. R. to Sbrante

	Feet
Oakland Point, 30.5 feet from corner of machine shop, 19 feet from corner of office of Southern Pacific Co., 1 foot from west edge of walk from railroad track to machine shop and 9 feet south from west side of doorway, 0.4 foot underground; Southern Pacific Co.'s bench mark on top of a 30-foot bar of railroad iron driven in solid ground by a pile driver (afterwards covered with a wooden platform with a hole bored through the planking for access)-----	7.920
Oakland, Broadway front of Hall of Records, in foundation on north side of entrance, 4 feet above ground; bronze tablet stamped "24"-----	24.112

Precise leveling by the U. S. Coast and Geodetic Survey in 1910-11

At San Francisco

	Feet
San Francisco, on north side of Sickles Ave., on left of entrance to No. 110 Sickles Ave., 35 meters west of Huron Ave., on cement surface at west end of iron gate; cross (U. S. C. & G. S. b. m. City 418) -----	310.987
San Francisco, on south side of Ocean Ave., about 12 meters east of San Jose Ave., at west end of bottom step to side entrance to a saloon; cross (B. M. City 386) -----	192.457
San Francisco, at intersection of San Jose, Circular, and Joost avenues, at southeast corner of rail guard around Southern Pacific R. R. gatepost, about 1 meter above the ground; cross (B. M. City 640) -----	194.852
San Francisco, on north side of Bosworth St., opposite Lyell St., in top of dome at east end of east concrete retaining wall, at entrance to culvert under Southern Pacific R. R. viaduct; cross on the head of an iron spike (B. M. City 635) -----	159.314

SAN MATEO QUADRANGLE

[Latitude 37° 30'-37° 45'; longitude 122° 15'-122° 30']

ALAMEDA, SAN FRANCISCO, AND SAN MATEO COUNTIES

Precise leveling by the U. S. Coast and Geodetic Survey in 1910-11

From San Carlos northwest along Southern Pacific R. R. to Holy Cross

	Feet
San Carlos, on Southern Pacific R. R. station, in east side of eastern stone post that supports roof over passageway, about 0.23 meter above the pavement; red metal disk (U. S. C. & G. S. b. m. E-7) -----	25.741
Belmont, north of Southern Pacific R. R. station, in south end of grass park, midway between rail and fence; red metal disk in concrete post (U. S. C. & G. S. b. m. D-7) -----	34.810
Beresford, about 300 meters north of Southern Pacific R. R. station, west of track, in the concrete foundation of signal tower 202; red metal disk (U. S. C. & G. S. b. m. C-7) -----	22.923
San Mateo, at east entrance to small park at Southern Pacific R. R. passenger station, in top of concrete wall, about 0.3 meter north of the north pillar; red metal disk set in cement (U. S. C. & G. S. b. m. B-7) -----	27.392
San Mateo, on Ellsworth Ave., about half a mile north of Southern Pacific R. R. station, in south side of F. A. M. building, about 3 meters from southeast corner and about 1 meter above the ground; red metal disk (U. S. C. & G. S. b. m. A-7) -----	25.837
Burlingame, on east side of Southern Pacific R. R. station, under ticket window, in foundation, about 0.15 meter above the pavement; red metal disk (U. S. C. & G. S. b. m. Z-6) -----	30.538
Millbrae, in east wall of power substation, about 1 meter from northeast corner and about 1.5 meters above the brick pavement; red metal disk (U. S. C. & G. S. b. m. Y-6) -----	18.432
San Bruno, about 15 meters northeast of Southern Pacific R. R. station, signal tower 108; top of southern inside base bolt (U. S. C. & G. S. b. m. X-6) -----	26.713

	Feet
Holy Cross, north of stone building at entrance to Holy Cross Cemetery, between Southern Pacific R. R. track and the street, on east side of the fountain, on east side of a large conical rock; red metal disk (U. S. C. & G. S. b. m. W-6)-----	88. 205

SANTA CRUZ QUADRANGLE

[Latitude 37°-37° 30'; longitude 122°-122° 30']

SAN MATEO, SANTA CLARA, AND SANTA CRUZ COUNTIES

Primary leveling by C. C. Ward in 1899

From Los Gatos southwest along road to Boulder Creek

	Feet
Montezuma School, 45 feet north of, in corner of yard; iron post stamped "1459 S F"-----	1, 458. 800
T. 9 S., R. 2 W., at center of NE. ¼ sec. 12, 30 feet south of Brown School; iron post stamped "2135 S F"-----	2, 134. 700
Bear Creek School, 10 feet north of northwest corner of; iron post stamped "735 S F"-----	734. 700
Boulder Creek, in yard of Boulder Creek House, at east side of fountain; iron post stamped "484 S F"-----	483. 615

From Boulder Creek northwest along wagon road and trail to Iverson's ranch

Sequoia School, in yard, at south side of stile; iron post stamped "916 S F"-----	915. 625
Butano Ridge, at end of wagon road; iron post stamped "2319 S F"-----	2, 318. 580
Iverson's ranch, at junction of Boulder Creek and Pescadero Creek trail with road to La Honda, west side of road; iron post stamped "422 S F"-----	421. 599

From La Honda north to divide between La Honda Creek and Santa Clara Valleys

La Honda, north side of front entrance to hotel, at steps; iron post stamped "403 S F"-----	402. 621
Summit of divide between La Honda Creek and Santa Clara Valleys, in forks of road, at northwest corner of saloon; iron post stamped "1680 S F"-----	1, 679. 050

From Brown School north along road to sec. 36, T. 8 S., R. 2 W.

T. 8 S., R. 2 W., sec. 36, at junction of road leading north with reservoir road, near county line, in Mrs. Gist's yard, at north side of gate; iron post stamped "2256 S F"-----	2, 255. 559
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From Boulder Creek south along road to Santa Cruz

Ben Lomond, 10 feet from northwest corner of office of Rowardemen Hotel, in yard; iron post stamped "344 S F"-----	343. 530
Felton School, midway between two front entrances; iron post stamped "286 S F"-----	285. 388
Santa Cruz, at entrance to court house, in left base of arch; aluminum tablet stamped "18 S F"-----	17. 559

From Iverson's ranch west along pipe line to Tar Creek

T. 8 S., R. 4 W., east side of sec. 1, 0.2 mile west of Tar Creek, at right of pipe-line trail, in heavy timber; iron post stamped "420 S F"-----	420. 035
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From Iverson's ranch north to Alpine School, thence west to La Honda
 Alpine School, 0.25 mile west of, in triangle at junction of May-
 field and La Honda road with Page Mill road; iron post stamped
 "1590 S. F."----- Feet
 1,590.009

From Santa Clara-La Honda Creek divide northeast to Palo Alto
 Portola, junction with road to, at corner of fence surrounding E. K.
 Preston's house, on south side of road; iron post stamped "388
 S F"----- 388.010
 Leland Stanford Junior University, on south side of inner quad-
 rangle, on south side of west building, west of cellar steps, on top
 of stone ledge, next to wall; aluminum tablet stamped "89 S F"--- 88.577

From Redwood southeast along county road to San Jose
 Redwood, at northeast corner of Sixth and Arguello streets, opposite
 Southern Pacific Co.'s station, top of fire hydrant (C. & G. S.
 bench mark given as 15.412 feet above mean lower low water)--- 12.312
 Palo Alto, at northeast corner of station, on iron rail surrounding
 walk, which rail is set in brick and cement (established by the
 Coast and Geodetic Survey and the elevation given as 63.327)---- 63.360

From Del Mar west to Santa Cruz, thence north 3 miles
 Seabright, in front of station; top of rail----- 46.8
 Santa Cruz, 0.9 mile north of station, at southeast corner of San
 Lorenzo River bridge, in guard rail; bolt head painted "U. S.
 28 B. M. No. 45"----- 28.14
 Santa Cruz, at junction of south line of Pacific St. and west line of
 Washington St.; iron post stamped "S. F. 14 1908 26" (reset
 in 1912)----- 13.770
 Santa Cruz, east side of entrance to Santa Cruz County courthouse,
 in base of arch; aluminum tablet stamped "S. F. 18"----- 17.559
 Santa Cruz, northwest corner of brick building facing Pacific Ave.,
 next building south of courthouse; aluminum tablet stamped
 "S. F. 18 1908 27"----- 17.269
 Santa Cruz, 2.8 miles north of, west of the cement culvert; chiseled
 circle, painted "U. S. 170 B. M. No. 47"----- 169.50

TAMALPAIS QUADRANGLE

[Latitude 37° 45'-38°; longitude 122° 30'-122° 45']

MARIN COUNTY

Primary leveling by L. D. Ryus in 1899-1900

From San Geronimo southeast along Northwestern Pacific R. R. to San Rafael
 Fairfax, in front of station; top of rail----- Feet
 109.5
 San Rafael, railroad station, foot of northeast corner of shed over
 track, northeast corner of cap (Coast and Geodetic Survey bench
 mark, 12.175 feet above mean lower low tide)----- 9.344