

VERTICAL

BENCH

MARKS

A1 - SANBORN SLOUGH QUAD

1. T.16N., R.1E. Sec. 8 – S.W. corner of Sacramento Outing Club, 25' east of centerline of West Butte Rd., DWR cap marked "G.P.S. 18".
EL =

A2 – PENNINGTON QUAD

2. T.17N., R.1E. Sec. 26 – at 11593 North Butte Rd., located 1.85 mi. west of Almond Orchard Rd., 38' north of the edge of pavement, 9' west of the centerline of driveway, a disc set in a concrete post marked "K 1175 1961".
EL = 77.13 (NGVD 29), 79.5 (NAVD 88)
3. T.17N., R.1E. Sec. 25 – at 10875 North Butte Rd., located 0.89 mi. west of Almond Orchard Rd., 52' north of centerline, 20' east of driveway centerline, a disc set in concrete post marked "J 1175 1961".
EL = 84.04 (NGVD 29), 86.4 (NAVD 88)
4. T.17N., R.2E. Sec. 31 – on North Butte Rd., about 85' east of Bigelow Rd., 91' south of centerline of North Butte Rd., 2' west of a steel witness post, disc set in concrete post marked "G 1175 1961 USGS".
EL = 90.50 (NGVD 29), 92.8 (NAVD 88)
5. T.16N., R.2E. Sec. 5 – at the corner of Pennington Rd. and Powell Rd., 58' south of centerline of Pennington Rd. and 40' east of the centerline of dirt road going south to Bihlman's Rock Quarry, 1.5' north of fence, a USGS disc set in concrete post marked "F 1175 1961".
EL = 78.04 (NGVD 29), 80.4 (NAVD 88)

A3 – GRIDLEY QUAD

6. On S.R. 99 about 0.26 mi. north of Riviera Rd., in the south end of the west headwall of Bridge No. 12-102, a USCGS disc marked "F 18 1919 Reset 1949".
EL = 85.79 (NGVD 29), 88.06 (NAVD 88)
- 7a. T.16N., R.2E. Sec. 3 – at Pennington Rd., 0.70 mi. west of Krehe Rd., 27' south of centerline, 31' east of centerline of driveway, bronze cap in concrete post marked "B1909 BJ 72".
EL = 72.44 (NGVD 29)
- 7b. T.16N., R. 2E. Sec. 34 – at Pennington Rd., 0.496 mi. west of Krehe Rd., 40' north of the centerline of Pennington Rd., 15' west of the centerline of a dirt field road, 2' north of a steel witness post, and set in the top of a concrete post 0.3' above the ground, a disc marked "D 1175 1961"
EL = 72.56 (NGVD 29) 74.9 (NAVD 88)
8. T.17N., R.2E. Sec. 35 – 58' north of the centerline of Pennington Rd., 29' east of the centerline of Hedger Rd., a disc set in concrete post marked "C 1175 1961".
EL = 71.60 (NGVD 29), 73.9 (NAVD 88)
9. T.17N., R.2E. Sec. 36 – 22' north of the centerline of Pennington Rd., 83' west of the centerline of Billings Rd., a disc set in concrete post marked "B 1175 1961".
EL = 73.76 (NGVD 29), 76.0 (NAVD 88)
10. In Live Oak, at 2620 Nevada St., 29' south of the centerline of road, 4.9' west of a fence corner, 14.1' east of the center of a gate, level with the street, a stainless steel rod. Note: Access to the rod is through a 5 inch logo cap marked "D 1435 1988".
EL = 79.13 (NAVD 88)
11. In Live Oak, 40' east of the centerline of Broadway St., 171' north of the centerline of Elm St., a disc set in a concrete post marked "P 845 1949".
EL = 75.28 (NGVD 29), 77.55 (NAVD 88)
12. 61' west of the centerline of SR 99, 138' south of the extended centerline of Bishop Ave., 3' north of a utility pole, 3' south of a witness post, a disc set in a concrete post marked "N 845 Reset 1981".
EL = 73.6 (NGVD 29), 75.90 (NAVD 88)

B1 – MERIDIAN QUAD

13. T.16N., R.1E. Sec. 31 – on Lower Pass Rd., at the northeast wing wall of a bridge crossing Butte Slough, "Mawson Bridge", a 2½" brass disc set.
EL = 53.84 (NGVD 29)
14. T.15N., R.1E. Sec. 5 – at the southwest corner of Pass Rd., and West Butte Rd. leading south, on the S.W. end of the S.W. wing wall of a concrete bridge, a chiseled square.
EL = 101.60 (NGVD 29)
15. T.15N., R.1W. Sec. 13 – in Meridian, 21' south of the centerline of SR 20 on the bridge crossing the Sacramento River and 0.20 mi. west of the centerline of Fourth St., in the sidewalk, a disc marked "B 114 Reset 1977".
EL = 77.6 (NGVD 29), 80.0 (NAVD 88)
16. In Meridian, 42' west of Meridian Rd., and in line with the south edge of Central St., at the north edge of a sidewalk and gate, a USGS cap marked "260 BTS 1908".
EL = 51.76 (NGVD 29), 54.2 (NAVD 88)
17. In Meridian, at the southeast angle of the junction of SR 20 and Central St., 121' south of the centerline of the highway, 52' ESE of the centerline of Central St., a 2½ alum disc marked "HPGN CA 03 04 1991".
EL = 41.0 (NAVD 88)

B2 – SUTTER BUTTES QUAD

18. T.16N., R.1E. Sec. 34 – on Pass Rd., 1.76 mi. east of centerline of West Butte Rd. going south, 34' south of centerline of Pass Rd., 34' east of drain crossing, 1' north of a fence, in concrete post flush with the ground, a disc marked "35 HJH 1952 214".
EL = 213.924 (NGVD 29)
19. T.15N., R.1E. Sec. 1 – on Pass Rd., 1.61 mi. west of centerline of Kellogg Rd., 33' south of centerline road, 9.8' above road level, 1.3' north of a fence, a disc set in concrete marked "34 HJH 1952 364".
EL = 364.13 (NGVD 29), 366.44 (NAVD 88)
20. T.15N., R.2E. Sec. 6 – on Pass Rd., 0.6 mi. west of Kellogg Rd., 43' south of centerline of Pass Rd., 86' west of centerline driveway at 9576 Pass Rd., 26' east of the centerline of Field Rd. with gate, 2.3' north of a witness post, a flange encased rod with a 5" logo cap marked "E 1443 2000".
EL = 218.24 (NAVD 88)
21. T.15N., R.2E. Sec. 5 – on Pass Rd., 0.56 mi. east of Kellogg Rd., 45' south of centerline of Pass Rd., 10.5' east of the northwest leg of a transmission tower, 3.3' east of the most easterly of two concrete guard posts, 1' north of a witness post, a flange encased rod with a 5" logo cap marked "F 1443 2000".
EL = 167.14 (NAVD 88)
22. T.15N., R.2E. Sec. 4 – in Sutter on Acacia Ave., at the bridge spanning the West Interceptor Canal, 2.6' north of the south end of the east concrete retaining wall of the south abutment, a brass disc marked "County of Sutter EL 98.26 NAVD 88".
EL = 95.93 (NGVD 29), 98.26 (NAVD 88)
23. T.15N., R.1E. Sec. 14 – on South Butte Rd., 0.55 mi. east of centerline of West Butte Rd., on the northwest wing wall of a box culvert crossing Marconi Creek, a brass disc marked "County of Sutter EL 63.10 NGVD 29".
EL = 63.10 (NGVD 29)
24. T.15N., R.2E. Sec. 17 – on South Butte Rd., 0.25 mi. east of Wyncoop Rd., 34' south of centerline of road at a fence line, a disc set in concrete post marked "57.772 F114 1932".

EL = 57.77 (NGVD 29), 60.2 (NAVD 88)

24A.T.15N., R.2E. Sec. 21 – on Franklin Rd. at Acacia Ave. in the northeast wing wall of Bridge No. 18C-87 spanning Wadsworth Canal, a brass disc marked "County of Sutter EL 58.92 NGVD 29".

EL = 58.92 (NGVD 29)

B3 – SUTTER QUAD

25. On SR 99, 0.21 mi. south of Cutting Ave. in the southeast end of the east headwall of a concrete culvert spanning the Sutter Butte Canal, 59' east of the centerline of the highway, a disc marked "H 18 Reset 1981".
EL = 76.3 (NGVD 29), 78.53 (NAVD 88)
26. On SR 99, 0.39 mi. south of Clark Rd., 52' southwest of the centerline of the highway, 3' northwest of a witness post, a disc set in a concrete post marked "M845 1948".
EL = 70.23 (NGVD 29), 72.51 (NAVD 88)
27. T.16N., R.3E. Sec. 21 – on SR 99, 5.70 mi. north of the junction of SR 20 in Yuba City, 59' north of the extended centerline of Kent Rd., 53.8' west of the highway centerline, 3' east of a witness post and 3' north of another witness post, a triangulation station disc set in a concrete monument marked "LOMO 1939".
EL = 68.11 (NAVD 88)
28. T.16N., R.3E. Sec. 33 – on Live Oak Blvd., 0.85 mi. north of Eager Rd., in the northwest corner of concrete foundation, 41.3' east of the centerline of the highway and 115' north of the center of a road going east, a disc marked "K 845 1948".
EL = 66.58 (NGVD 29), 68.87 (NAVD 88)
29. On Eager Rd., 0.25 mi. west of Live Oak Blvd., in the south end of east concrete abutment sidewalk of the overpass of SR 99, 18.7' south of road centerline and 1.5' north of south end of the abutment, a disc marked "E 1435 1988".
EL = 89.59 (NAVD 88)
30. T.16N., R.2E., Sec. 35 – on East Butte Rd., 620' south of Sanders Rd., 38' west of the centerline of the road, just south of a road that forks northwesterly, a disc on an iron post marked "66B 1909 BM".
EL = 66.391 (NGVD 29)
31. T.15N., R.2E., Sec. 3 – in Sutter on Everitt Rd., 0.05 mi. north of Butte Ave., at the south end of the southeast wing wall of a bridge spanning the West Interceptor Canal, a brass disc marked "County of Sutter EL. 74.21 USGS".
EL = 74.21 (NGVD 29), 76.54 (NAVD 88)

32. T.15N., R.2E., Sec. 3 – on Mallott Rd., 0.26 mi. north of Butte House Rd., a brass cap set in the southeast wing wall of a concrete box culvert spanning the West Interceptor Canal.
EL = 61.01 (NGVD 29)
33. T.15N., R.2E., Sec. 10 – on Butte House Rd., 0.36 mi. east of Mallott Rd., on the east end of the northeast retaining wall of a bridge spanning Wadsworth Canal, a brass disc marked "B 1443".
EL = 57.37 (NGVD 29), 59.73 (NAVD 88)
34. T.15N., R.2E., Sec. 12 – on Butte House Rd., 0.55 mi. west of Township Rd., 1' west of the east end of the north concrete headwall of a box culvert. 70.5' west of the centerline of a driveway, 20.3' north of the road centerline, a disc marked "C 1443 2000".
EL = 60.24 (NAVD 88)
35. T.15N., R.2E., Sec. 1 – on Township Rd., at a bridge spanning the East Intercepting Canal, just north of Pease Rd., a brass disc set in the northeast corner of the concrete bridge deck marked "County of Sutter EL 59.22 USGS".
EL = 59.22 9 (NGVD 29) 61.63 (NAVD 88)
36. T.15N., R.3E., Sec. 8 – on Pease Rd., 151' east of the centerline of Tierra Buena Rd., 26' south of the centerline of Pease Rd., 14.8' west of the northwest corner of a PG&E substation, 2' west of a utility pole, 0.4' north of a witness post, a flange encased rod beneath a 5" logo cap marked "G 1443 2000".
EL = 59.76 (NAVD 88)
37. T.15N., R.3E., Sec. 9 – on Pease Rd. at the SR 99 overcrossing, 8.9' southwest of the southwest corner of the overpass, 24.3' south of the road centerline and 4.6' south of an asphalt curb, a brass disc set in concrete monument marked "Pease 1972".
EL = 84.73 (NAVD 88)
38. T.15N., R.2E., Sec. 15 – on South Butte Rd., 0.44 mi. west of Humphrey Rd. at a bridge scanning the Wadsworth Canal, a brass disc set in the east end of the northeast wing wall.
EL = 58.52 (NGVD 29)

39. T.15N., R.2E., Sec. 23 – on SR 20 at the southeast corner of the intersection of Humphrey Rd., 1' east of the west end of the south headwall of a concrete pipe siphon, a disc marked "H 114 Reset 1970".
EL = 49.9 (NGVD 29), 52.3 (NAVD 88)
40. T.15N., R.2E., Sec. 24 – on SR 20, 27.5' west of the centerline of South Butte Rd. projected south, 65' south of the highway centerline, 5.5' northwest of the west end of the west wing wall of the Sycamore Canal structure and 4.9' north of a metal witness post flush with the ground, a disc set in concrete marked "Canal 1972".
EL = 51.2 (NGVD 29), 53.5 (NAVD 88)
41. T.15N., R.2E., Sec. 27 – at the southeast corner of Franklin Rd. and Clements Rd., 27' south of the centerline of Franklin Rd. and 28' east of the centerline of Clements Rd., a USGS disc marked "44 Cal 1908".
EL = 44.22 (NGVD 29)
42. T.15N., R.2E., Sec. 24 – at the northwest corner of Franklin Rd. and Township Rd. in the southeast corner of the Franklin School yard, a USGS disc marked "50 Cal 1908".
EL = 50.759 (NGVD 29)

B4 – YUBA CITY QUAD

43. On Live Oak Blvd., 205' north of the extended centerline of Pease Rd., 41' east of the boulevard centerline, 3.6' north of a utility pole, 1' south of a witness post, a flange encased rod. Access to rod is through a 5" logo cap marked "G 1435 1988".
EL = 65.95 (NAVD 88)
44. On Queens Ave. in Yuba City, 72.5' west of the centerline of the southbound lanes of Live Oak Blvd., 34' north of centerline of Queens Avenue, 5.5' south of the south edge of a concrete sidewalk, 3' west of a fire hydrant, 2.3' north of the north curb of Queens Ave., a flange encased rod. Access to rod is through a 5" logo cap marked "H 1435".
EL = 61.74 (NAVD 88)
45. In Yuba City at the north corner of the northeast foundation block of the City water tower located at the intersection of Plumas St. and Fremont Way, a disc marked "58.737 M 114 1932".
EL = 58.737 (NGVD 29)
46. In Yuba City at the old Hall of Records located at the southwest corner of Second St. and B St., in the second row of concrete blocks above the ground, just south of the east entrance steps, a disc marked "61.621 P 114 1932".
EL = 61.621 (NGVD 29)

C2 – TISDALE WEIR QUAD

47. FUTURE – CRANMORE

48. FUTURE – TISDALE

49. T.13N., R.2E., Sec. 6 – on Coles Rd. 0.53 mi. east of Cranmore Rd., 35' north of the east end of Bridge No. 18C 47, measured from centerline of road in top of concrete gate lift, a chiseled square.

EL = 36.21 (NGVD 29)

50. T.13N., R.2E., Sec. 5 – on Steiner Rd., just north of the east end of Coles Rd., 20' east of the road centerline, in top of a concrete canal gate, a disc marked "13LC 1951 32".

EL = 31.721 (NGVD 29)

51. T.14N., R.1E., Sec. 36 – in the centerline of the levee road going east, at the south end of the bridge spanning the Tisdale Bypass, 173' east of the centerline of the bridge, a 1½" disc marked "T 1S0.05R 01-67 Calif. Water Res."

EL = 52.57 (NGVD 29)

52. T.14N., R.2E., Sec. 30 – on the north levee of the Tisdale Bypass, 389' east of the centerline of Progress Rd., 20' south of the centerline of the Levee Rd. on a 5' x 16' concrete structure, a disc marked "USED BM No. 1490 EL 53.65"

EL = 53.65 (U.S.E.D.)

C3 – GILSIZER SLOUGH QUAD

53. T.14N., R.2E., Sec. 10 – on Hughes Rd., 0.5 mi. west of Schlag Rd. on the northeast wing wall of Bridge No. 18C-37 spanning the east channel of the Sutter Bypass, a disc marked "County of Sutter EL 52.87 USGS.

Note: Above elevation of 52.87 is the result of subtracting 3' from U.S.E.D. elevation which is an average difference between U.S.E.D. and U.S.G.S.
EL = 55.87 (U.S.E.D.)

53A.T.14N., R.2E., Sec. 26 – on the levee road of the east channel of the Sutter Bypass, 97' north of the prolongation of the centerline of O'Banion Rd., at the southeast corner of a 9' x 30' concrete pad, on the west side of the road, a disc marked "USED BM No. 1435-EL 57.46".

EL = 57.46 (USED)

C4 – OLIVEHURST QUAD

54. At the southeast corner of SR 99 and Garden Hwy., 260' northeast of SR 99 centerline and 65' east southeast of Garden Hwy. centerline, 7' southeast of a power pole, 3' west of a guy anchor, a disc set in a concrete post marked "29 LC 1952 Reset 1976".
EL = 41.523 (NGVD 29)

55. On Garden Highway, proceed 0.225 mile south of Oswald Road to the road leading to Boyd's Pump Boat Ramp. Turn left and go 0.413 mile to a gate on top of a gravel levee road. Benchmark is located 96 feet south of gate at the west base of the levee, on top of the southeast corner of a concrete structure and is a disc stamped "USED BM 303 EL. 54.10"

D2 – KIRKVILLE QUAD

55. T.13N., R.1.E., Sec. 24 – on Cranmore Rd., 0.78 mi. north of Pelger Rd., at a structure spanning the west side canal, 11' southeast of the road centerline, in the center of the east concrete curb, a disc marked "16 LC 1951 32".
EL = 32.359 (NGVD 29)
56. T.13N., R.2E., Sec. 28 – at the southeast corner of Pelger Rd. and Reclamation Rd., on the west end of the southwest wing wall of a concrete bridge spanning the "Main Drainage Canal", a disc marked "11 LC 1951 26".
El = 26.139 (NGVD 29)

D3 – SUTTER CAUSEWAY QUAD

57. T.13N., R.2E., Sec. 23 – on Pelger Rd. at Knights Rd., on southeast wing wall of Bridge No. 18C-58, a brass disc marked "County of Sutter EL 28.88 NGVD 29".
EL = 28.88 (NGVD 29)

58. T.12N., R.2E., Sec. 15 – at the northeast corner of Seymour Rd. and State Ranch Rd., 21' northeast of intersection in a concrete culvert headwall, a disc marked "19 LC 1951 22".
EL = 21.464 (NGVD 29)

D4 - NICOLAUS QUAD

59. T.13N., R.4E., Sec. 21 – on Rio Oso Rd., 0.57 mi. east of SR 70, on the southwest guardrail of the Western Pacific Railroad underpass, a chiseled square.
EL = 41.14 (NGVD 29)
60. T.12N., R.4E., Sec. 17 – at the southwest corner of SR 70 and Marcum Rd., 25' south of the south edge of pavement of Marcum Rd. and 39' west of a power pole, a disc set in a concrete post marked "LC 33 1952 34".
EL = 33.711 (NGVD 29)
- 60A.T.12N., R.3E., Sec. 2 - at the northwest corner of SR 99 and Sacramento Ave., on the southwest corner of a concrete pad located north of a steel building, a USGS disc unmarked.
EL = 33.19 (NGVD 29)

D5 – SHERIDAN QUAD

61. T.13N., R.4E., Sec. 12 – on Pleasant Grove Rd., 0.35 mi. north of Bear River Dr., 1.4' north of the south end of the southeast retaining wall of Bridge No. 18C-9, a brass disc marked "Sutter County EL 82.51 NGVD 29".
EL = 82.51 (NGVD 29)
62. T.13N., R.4E., Sec. 25 – at the southeast corner of Pleasant Grove Rd. and Kempton Rd., 29' east of the centerline of Pleasant Grove Rd. and 33' south of the centerline of Kempton Rd., a disc marked "61 BZ 1908 BZ1".
EL = 62.38 (NGVD 29)
63. T.12N., R.5E., Sec. 5 – on Riosa Rd., 0.72 mi. east of Brewer Rd., on top of the southwest wingwall of a concrete bridge, 9.5' south of the centerline of the road, a disc marked "D 858 1949"
EL = 74.26 (NGVD 29), 76.58 (NAVD 88)
64. T.13N., R.5E., Sec. 33 – on Riosa Rd., 1.7 mi. east of Brewer Rd., 28' north of the centerline of the road, 12' west of a driveway, 2' south of a fence, a disc set in concrete marked "C 858 1949".
EL = 98.24 (NGVD 29), 100.57 (NAVD 88)
65. T.12N., R.4E., Sec. 13 – on Pleasant Grove Rd., 460' south of Marcum Rd., 32' east of the centerline of the road, 1.5' west of a fence, a disc set in concrete marked "K 858 1949".
EL = 52.53 (NGVD 29), 54.84 (NAVD 88)

E3 – KNIGHTS LANDING QUAD

66. T.12N., R.2E., Sec. 26 – on Buell Rd., 0.57 mi. south of Del Monte Ave. in Robbins, 67' west of the centerline of SR 113, 13' north of the centerline of Buell Rd. in top of the north end of a concrete culvert, a disc marked "2 LC 1951 18".
EL = 17.872 (NGVD 29)
67. T.11N., R.2E., Sec. 2 – on SR 113, 0.53 mi. north of Leiser Rd., 41' east of the centerline of the highway in the northwest corner of step in a concrete irrigation box, a disc marked "1 LC 1951 30".
EL = 29.739 (NGVD 29)
68. T.11N., R.3E. Sec. 3 – on West Catlett Rd., about 300' east of Garden Hwy., 100' east of the centerline of a driveway leading to a house, 60' northeast of the northwest corner of a large barn, 25' south of the centerline of West Catlett Rd., a disc set in concrete marked "X 858 1949 USCGS".
EL = 28.84 (NGVD 29), 31.2 (NAVD 88)
69. T.12N., R.3E., Sec. 31 – on Mackert Rd. Bridge (18C-42), located 2.56 mi. south of Del Monte Ave. in Robbins along Reclamation Rd., a brass disc set in the northwest retaining wall of the west abutment marked "County of Sutter EL 25.87 USGS".
EL = 25.87 (NGVD 29)
70. T.11N., R.3E. – on Bates Rd., 0.23 mi. south of Ely Rd. and about 250' west of Reclamation District 1500 pumping station in Karnak. To locate monument, climb wooden staircase going up levee to the south, proceed northeasterly along levee road for 60'±. Monument is 30 feet south of the centerline of the road, and is a disc marked "USED BM No. 1544 EL 44.43", set on top of a 8.5' x 15' concrete structure.
EL = 44.43 (USED)

E4 – VERONA QUAD

71. T.12N., R.4E., Sec. 28 – at the southeast corner of SR 70 and Striplin Rd., 100.5' west of the centerline of the frontage road, 37' south of the centerline of Striplin Rd., 20.3' north of the east end of a chainlink r/w fence that runs parallel with Striplin Rd., a disc encased in a PVC pipe with an access cover set in concrete marked "CA – HPGN – DENSIFICATION STA. 03-EH-1993".
EL = 35.3 (NAVD 88)
72. T.12N., R.4E., Sec. 31 – on West Catlett Rd., 1.20 mi. east of Garwood Rd., at a concrete bridge, on the top of the north headwall, 1.6' west of the east end, 12' north of the centerline of the road, a disc marked "U858 1949 USCGS".
EL = 24.28 (NGVD 29), 26.6 (NAVD 88)
73. T.11N., R.4E., Sec. 6 – on West Catlett Rd., 1.95 mi. east of Garwood Rd., 87' northwest of the northwest corner of a house, 32' south of the centerline of the road, 1' west of a fence, a disc set in concrete marked "T 858 1949 USCGS".
EL = 31.36 (NGVD 29), (33.7 NAVD 88)
74. T.12N., R.4E., Sec. 26 – Chisled "+" in top of concrete wing wall at the northeast corner of a bridge spanning Auburn Ravine, 0.5 mi. north of Catlett Rd., on a gravel road one mi. east of Pacific Ave.
EL = 45.72 (NGVD 29), RM2 on FEMA Panel No. 255
75. T.12N., R.4E., Sec. 34 – on Catlett Rd., 295' east of the centerline of Pacific Ave., in the top of the northwest wing wall of Bridge No. 18C-91, 15' north of the centerline of the road, a disc marked "Q 858 1949".
EL = 44.06 (NGVD 29), 46.4 (NAVD 88) RM3 on FEMA Panel No. 255

76. T.12N., R.4E., Sec. 34 – on Catlett Rd., 898' east of the centerline of the Western Pacific Railroad tracks, or 1.03 mi. west of Pleasant Grove Rd., 34' south of the centerline of the road, 16' east of the centerline of a driveway leading to a farm house, a disc set in concrete marked "P 858 1949".
EL = 38.96 (NGVD 29), 41.3 (NAVD 88)
77. T.12N., R.4E., Sec. 34 – 0.28 mi. south of Catlett Rd. along the Western Pacific Railroad tracks, a 60.d spike in the top of a 14" x 13" wooden support at the northeast corner of a trestle spanning King Slough. Spike is 3.9' below east rail.
EL = 39.15 (NGVD 29), R.M.4 on FEMA Panel 255
78. T.11N., R.4E., Sec. 4 – on Pacific Ave., .059 mi. south of Catlett Rd., on the northwest wing wall of Bridge No. 18C-92 spanning the East Side Canal, a chiseled square.
EL = 40.95 (NGVD 29), R.M.5 on FEMA Panel 265
79. T.11N., R.4E., Sec. 9 – at the southeast corner of Howsley Rd. and Natomas Rd., at the southwest corner of the west abutment of Bridge No. 18C-113 spanning Pleasant Grove Creek Canal, a brass cap marked "SA 26 1951 USCE".
EL = 42.15 (NGVD 29), RM 6 on FEMA Panel 265
80. T.11N., R.4E., Sec. 10 – at the corner of Fifield Rd. and Natomas Rd., at the northwest end of the northwest wing wall of Bridge No. 18C-38, spanning Pleasant Grove Creek Canal, a brass cap marked "County of Sutter EL 47.51, U.S.C.E.".
EL = 47.51 USCE
81. T.11N., R.3E., Sec 23 – on Garden Hwy. 0.1 mi. north of Sankey Rd., on the southeast retaining wall of Bridge No. 18C-01 spanning the Cross Canal, a brass disc marked County of Sutter EL 45.65 USGS.
EL = 45.65 (NGVD 29)

E5 – PLEASANT GROVE QUAD

82. T.12N., R.4E., Sec. 35 – on Pleasant Grove Rd., 316' north of the centerline of Catlett Rd., 30' west of the centerline of the road, a disc set in concrete marked "N 858 1949".
EL = 46.92 (NGVD 29), 49.23 (NAVD 88)
83. T.11N., R.4E., Sec. 11 – on Howsley Rd., 0.24 mi. west of Pleasant Grove Rd. leading north, in the northeast corner of the south headwall of Bridge No. 18C-125 spanning Howsley Creek, a chiseled square.
EL = 45.00 (NGVD 29), RM7 on FEMA Panel 265
84. T.11N., R.4E., Sec. 1 – on Howsley Rd., 23' west of the centerline of Pleasant Grove Rd. leading south, and 18' north of the north edge of pavement of Howsley Rd., a disc on an iron post marked "47 B 1908 BG 1".
EL = 48.069 (NGVD 29)
85. T.11N., R.4E., Sec. 23 – a P.K. nail and shiner on the northeast headwall of the Western Pacific Railroad trestle spanning Curry Creek, 0.3 mi. south of Keyes Rd. and on the north side of Curry Creek.
EL = 38.98 (NGVD 29), RM 11 on FEMA Panel 265
86. T.11N., R.4E., Sec. 36 – on Riego Rd. 138.5' west of the centerline of Pleasant Grove Rd. leading south, 28.5' north of the centerline of the road, 1.7' south of a wire fence, a disc set in concrete marked "Riego 1939 No. 4 1971".
EL = 47.0 (NAVD 88)

