

Township West Boundary of
41 NORTH Range 45 EAST To

Monte Diablo Base and Meridian.

Before proceeding further with the exteriors of this Tp., I made a change of 10 minutes in the latitude arc of my solar compass by *subtracting 10 minutes* from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the corner to sections 31, 36 T41N
 Ranges 44, 45 E on the eighth standard Parallel
 North. I run

North on a true line between sections 31, 36
 Va. 18° East.

Ascend gradually

33.00 Head of ravine bears S. W.

40.00 Set a Basalt stone $14 \times 10 \times 9$ ins. 9 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on $\frac{1}{4}$ face. Dug pits $18 \times 18 \times 12$ ins. N and S of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

68.00 Top of ridge bears N. E. & S. W. Descend gradually

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 25, 30, 31, 36 marked T. 41 N. S. 30 on N. E., - R 45 E, S. 31 on S. E., - S. 36 on S. W. and S. 25 on N. W. faces with 1 notch on S. and 5 notches on N. edges. dug pits, $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Smooth Mountains. Bunch grass. Soil 2^d rate