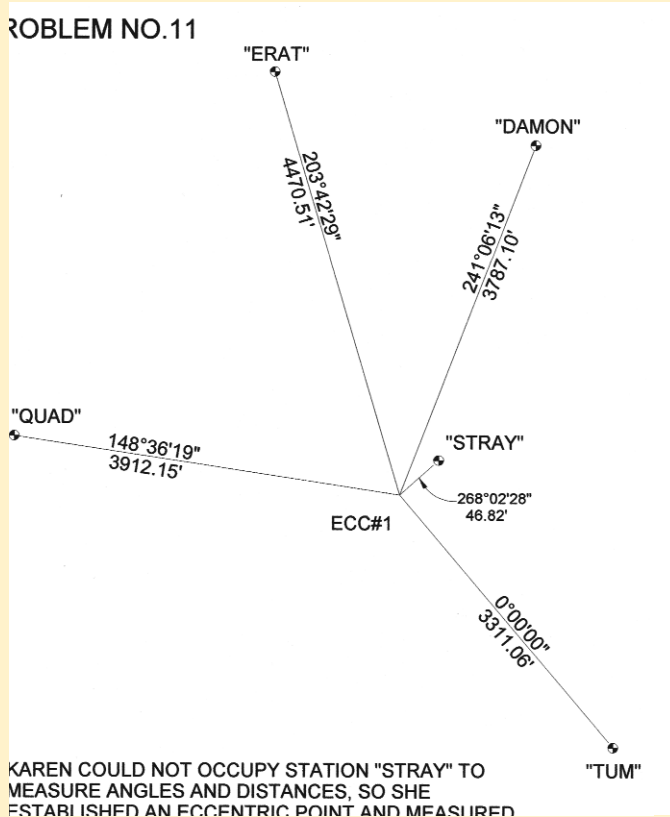




THE PROBLEM CORNER

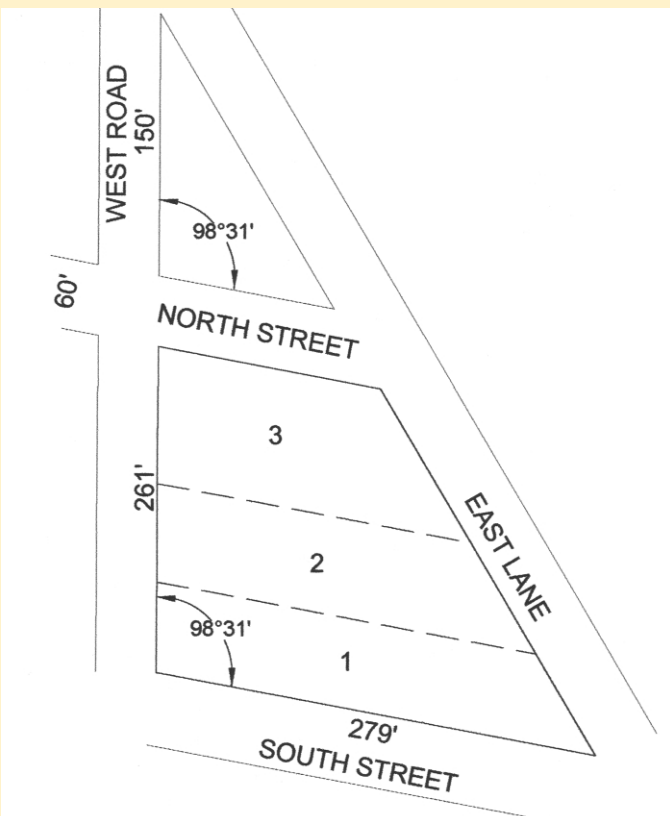
This month's trigonometry challenges involve determining directions and distances from an eccentric point, and creating equal-area lots. The solutions to Problems 9 and 10, which appeared in the December issue, follow on page 46.



Note: Due to overwhelming response from our readers, there's good news for those of you who don't want to wait until next month's issue to find the answers. Solutions are now posted on our Website. Visit www.profsurv.com and click on Problem Corner. Good luck!

Problem Number 11

Karen could not occupy station "STRAY" to measure angles and distances, so she established an eccentric point and measured the directions and distances shown. What are the directions and distances from station "STRAY" to all of the others, with "TUM" as the initial sight?



Problem Number 12

Divide the block between North Street and South Street into three equal area lots by lines parallel with South Street.

The problems for this column are contributed by retired California surveyor Dave Lindell, LS.