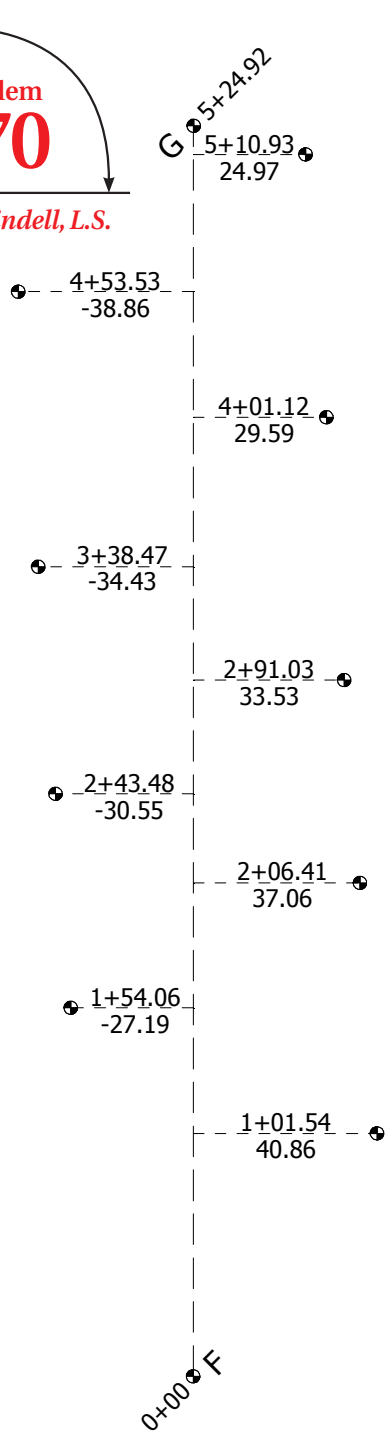


**Problem
170**

by Dave Lindell, L.S.



While random traversing from F to G you locate the nine original property corners along the sidelines of an old 66-foot wide right-of-way as shown. Where would you establish a centerline for the 66' r/w?

**Problem
171**

by Benjamin Bloch, Ph.D.

Fibonacci Series

There are growth patterns in nature that can be exhibited mathematically by the Fibonacci Series, a recursive sequence where each term or number is the sum of its two preceding numbers. Consider the Fibonacci Series based on the two numbers 1 and 1. Thus: 1, 1, 2, 3, 5, 8, 13, etc. The third number, 2, is the sum of the two preceding numbers 1 and 1. The fourth number, 3, is the sum of the two preceding numbers 1 and 2.

- Continue the pattern for the first 30 terms.
- What is the ratio of the 24th term to the 23rd term? What is its significance?
- What is the ratio of the 23rd term to the 24th term? What is its significance?
- How does this relate to a piano keyboard?