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?

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**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.

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