Category 4
wedge argument

"Wedge" Elimination of the 2014 Truline Map
CESR Prevails

Finding: CESR on the 1967 Swift map is the only Wedge that satisfies all criteria. The bearings of BA, BD, and R'A eliminate the 2014 Truline map. The iron pipe at C eliminates B.

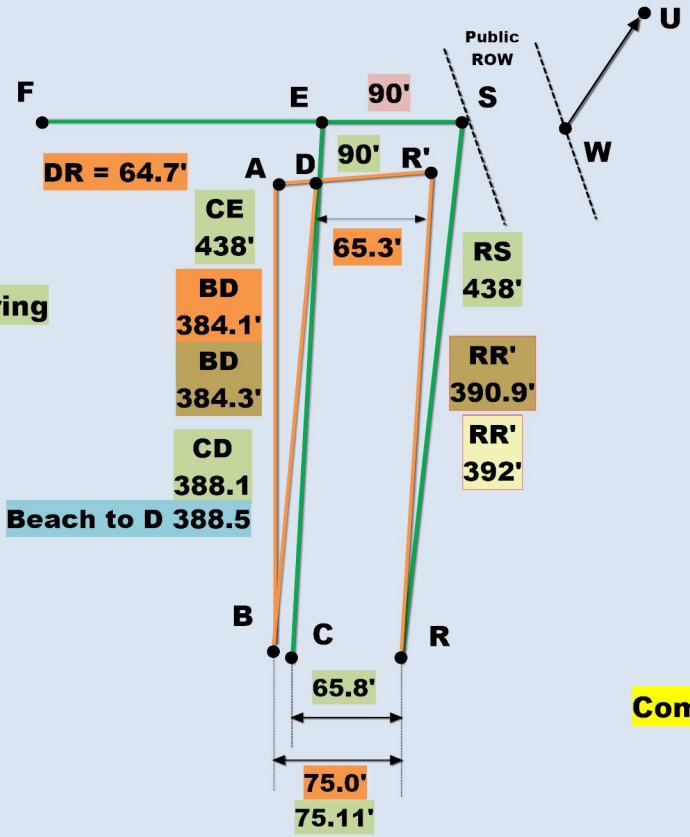
This is a Stand Alone Proof for the Kent FEC Boundaries on the 1947 & 1967 Swift Maps

February 3, 2017

Four Criteria Prioritized
- 90-Foot Section
- Back Border S 53 W
- Long Border N 33 W
- Equidistant Borders

2017 Horizons Engineering
2014 Truline Map
2008 Truline map
1947/1967 Swift Maps
1971 Swift deed
1947 Kent Deed
1947 Willis Deed

Bearings
BA = N 36-28-10 W
CA = N 37-51-50 W
R'A = S 50 W
BD = N 30-53-05 W
SE = S 53 W
CE = N 33 W



The Wedge

"wedge" is used as a convenient identifier

Wedge Bearings Across the Top
SE = S 53 W
R'A = S 50 W
SE = S 53 W

Wedge Distance Across the Top
ES = 90'
AR' = 90'

Equidistant Legs
BA ≠ RR'
BD ≠ RR'
CE = RS

Common Border Bearing
CE is N 33 W
BD = N 30-53-05 W

Existence of Stake E in 1947?

Stake E does not exist in 2017. Yet, the position of E represents *perfect bearing fits* for N 33 W and S 53 W in the 1947 Kent deed. Also, the 1947 Swift map indicates a 90-foot distance between S and E. Stake S does exist in 2017. Did E exist in 1947?

Intersection of Two Bearings at E

Starting from the summit of Mt Pisgah the bearing N 33 W passes through the iron pipe C at two cedar trees and intersects a line 90' from S on a bearing of S 53 W. That point of intersection is E which is located in a 1-foot space between two boulders. In the early 1970's when the Kent stakes disappeared Sherrill Kent repeatedly referred to the two cedar trees and the two boulders as marking the Kent property lines.

Wedge	criterion 1	criterion 2	criterion 3	Criterion 4
BAR'R:	90-foot section satisfied ---	R'A bearing fails	--- BA bearing fails	--- BA ≠ RR'
BDR'R:	90-foot section absent ---	R'D bearing fails	--- BD bearing fails	--- BD ≠ RR'
CESR:	90-foot section satisfied ---	CE bearing satisfied	--- SE bearing satisfied	--- CE = RS