Radial Bearing Annotation

Layer(s) involved: **anofp-bdry-rb, anofp-cl-rb, anofp-row-rb, anofp-lf-rb, anofp-lots-rb**

Radial bearings are automatically annotated for all non-tangent arc end point conditions as well as all conditions of non-radial junctures with arcs. This feature is generated as a natural part of the Final Plat annotation and is not included within any of the design scale annotation sets or the Preliminary Plat annotation. Each arc condition that mathematically merits radial bearing notification is annotated according to a layer name classification which reflects the nature of the entities which produced the specific condition. The layer name classifications are: ANOFP-BDRY-RB (Boundary), ANOFP-CL-RB (Centerline), ANOFP-ROW-RB (Right-Of-Way), ANOFP-LF-RB (Lot Fronts), and ANOFP-LOTS-RB (Lot Lines). Radial bearing annotation consists of two entities, a line and a block. The line is always a 25.00' projection of the actual radial bearing outwardly from the top of the arc. The block contains attributes for the radial bearing and the distance, in feet, for the radius distance which correlates to the arc of that radial bearing (Figure RB2). The distance notification provides clarity when at a juncture of two non-tangent arcs such as is the case in the example at the southwest corner of Lot 1. The juncture for arcs C13 and C5 is non-tangent, and the resultant radial bearings are annotated as RB5 and RB4 respectively. Looking at the table, the radius for RB5 is 775.00' and the radius for RB4 is 227.77'. All radial bearing annotation is via an Automated Platting, Inc. line block. The Automated Platting, Inc. line table software gives you the option of an alpha prefix for making the table. Therefore, when making a table for radial bearings you need to enter 'RB' when prompted for the alpha prefix. The standard for all bearing annotation by Automated Platting, Inc. is to reference all bearing quadrant information to the North – either NE or NW. The default placement of the line and block entities are the result of a standard mathematical expression.

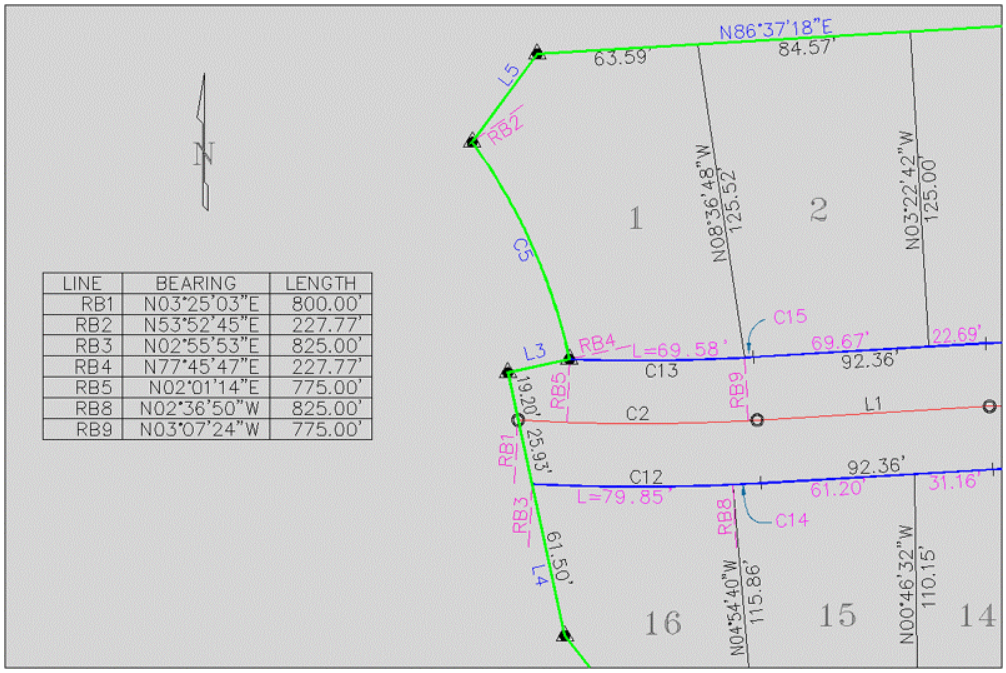

Figure RB1

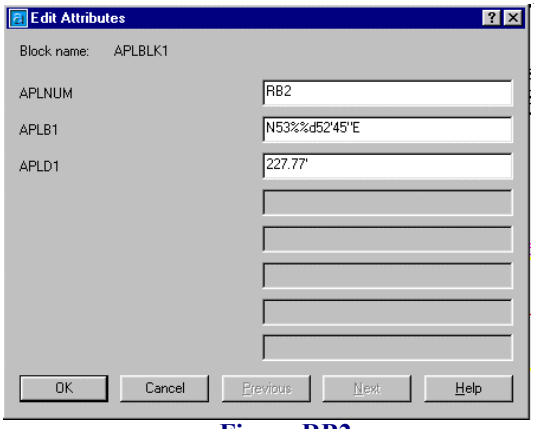

Figure RB2

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