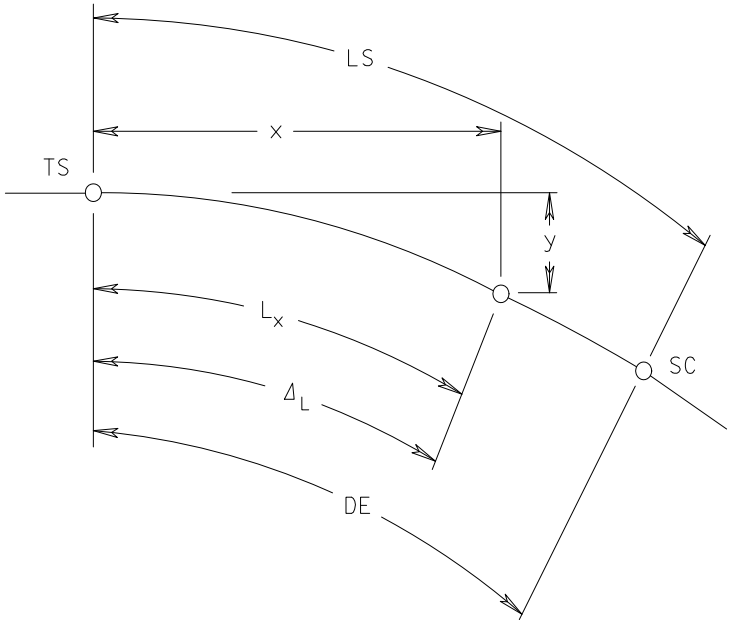
TO FIND COORDINATES OF ANY POINT ON THE SPIRAL

A DISTANCE L_X FROM THE TS



$$DE = (28.6479 \times LS) \div R = (90 \times LS) \div (\pi \times R)$$

$$\Delta_L = (L_X \div LS)^2 \times DE$$

$$Z_L = 0.01745 \times \Delta_L$$

$$x = L_x \times [1 - (Z_L^2 \div 10) + (Z_L^4 \div 216)]$$

$$y = L_x \times [(Z_L \div 3) - (Z_L^3 \div 42) + (Z_L^5 \div 1320)]^*$$

FIGURE C-6-5 COORDINATE POINTS ON THE SPIRAL

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* Rev. 1/07