

Given:

$\Delta = 100^{\circ}00'00''$
 $R = 275.00'$
 $PC = 1+25.00$

Find:

Tangent distances and tangent offsets to layout this curve on full stations.
Additionally, calculate deflection angles and sub-chords to check.

- (1) $\Delta = 100^{\circ}00'00''$
- (2) $R = 275.00'$
- (3) $L = \underline{\hspace{2cm}},$
- (4) $C = \underline{\hspace{2cm}},$
- (5) $T = \underline{\hspace{2cm}},$
- (6) $M = \underline{\hspace{2cm}},$
- (7) $E = \underline{\hspace{2cm}},$
- (8) $D_A = \underline{\hspace{1cm}}^{\circ} \underline{\hspace{1cm}}', \underline{\hspace{1cm}}''$
- (9) $D_C = \underline{\hspace{1cm}}^{\circ} \underline{\hspace{1cm}}', \underline{\hspace{1cm}}''$
- (10) $df = \underline{\hspace{2cm}}^{\circ}$

STATION	l	α	TD	TO	$\alpha/2$	SC
1+25.00	-0-	-0-	-0-	-0-	-0-	-0-
2+00						
3+00						
4+00						
5+00						
6+00						
+						