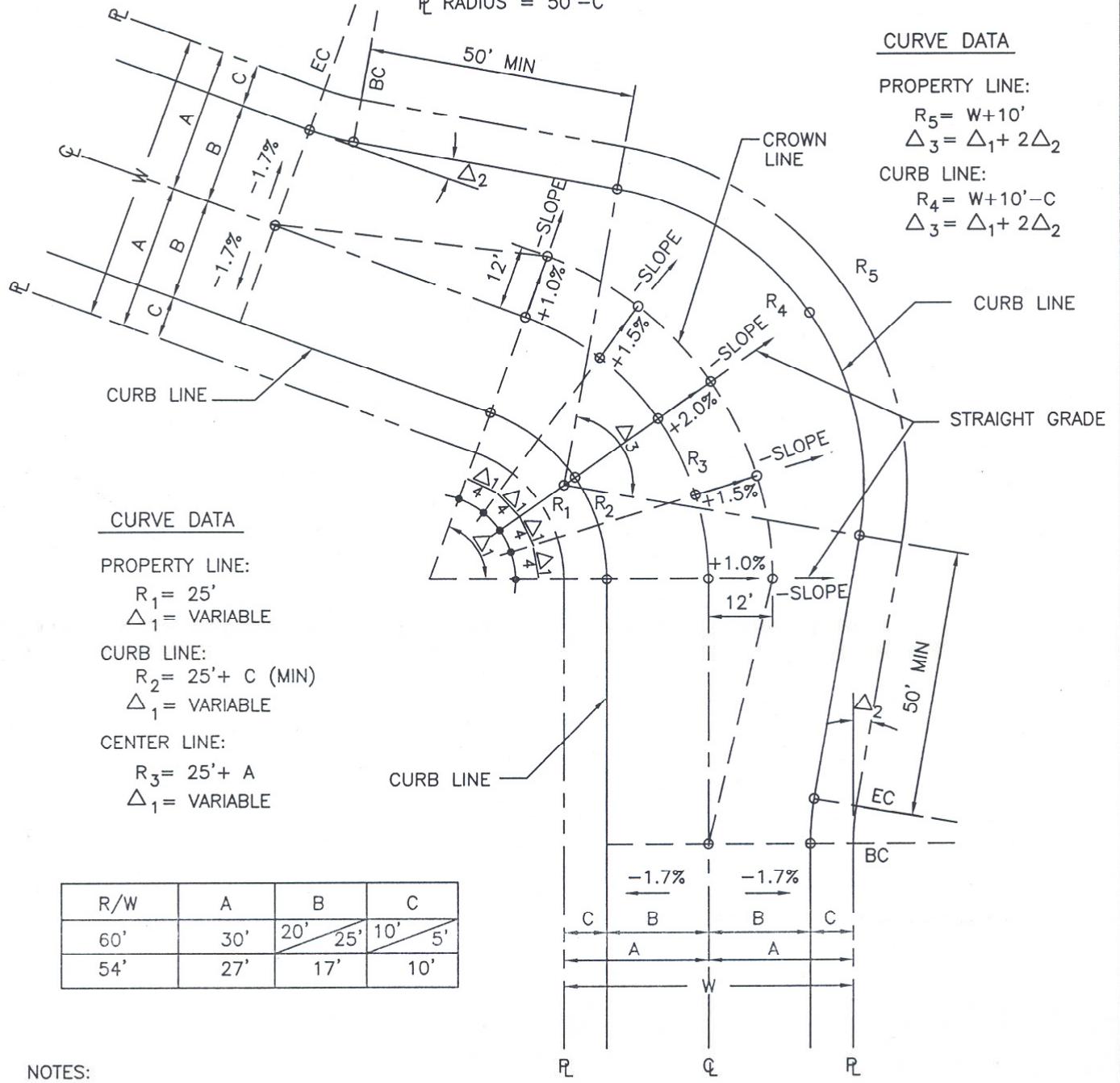


CURVE DATA Δ_2
 CURB RADIUS = 50'
 R_c RADIUS = 50' - C

CURVE DATA
 PROPERTY LINE:
 $R_5 = W + 10'$
 $\Delta_3 = \Delta_1 + 2\Delta_2$
 CURB LINE:
 $R_4 = W + 10' - C$
 $\Delta_3 = \Delta_1 + 2\Delta_2$



CURVE DATA
 PROPERTY LINE:
 $R_1 = 25'$
 $\Delta_1 = \text{VARIABLE}$
 CURB LINE:
 $R_2 = 25' + C$ (MIN)
 $\Delta_1 = \text{VARIABLE}$
 CENTER LINE:
 $R_3 = 25' + A$
 $\Delta_1 = \text{VARIABLE}$

R/W	A	B	C
60'	30'	20' / 25'	10' / 5'
54'	27'	17'	10'

- NOTES:
1. USE NORMAL SECTION FROM INNER CURB TO CENTER LINE.
 2. FROM CROWN LINE TO OUTER CURB, THE MAXIMUM SLOPE IS 1" PER FOOT.
 3. SUPERELEVATIONS PERCENTAGES SHOWN ARE STRAIGHT GRADE FROM CENTER LINE TO CROWN LINE.
 4. ELEVATIONS ARE REQUIRED WHERE CIRCLE (o) IS SHOWN.

CITY OF TORRANCE
STANDARD KNUCKLE

STANDARD NO.

T113

SHEET 1 OF 1

DATE ISSUED
 FEB 15, 2007

ROBERT J. BESTE
 PUBLIC WORKS DIRECTOR
 R.C.E. NO. 50737

TI/T113