



CURVE DATA
 CURB RADIUS = 50'
 $R_L = 50' - P_s$

CURVE DATA
 PROPERTY LINE
 $R = W + 10'$
 $D_3 = D_1 + D_{2s} + D_{2L}$

CURVE DATA
 PROPERTY LINE
 $R_1 = 25' \text{ (MIN.)}$
 $D_1 = \text{VARIABLE}$

CURB LINE
 $R_1 = 25' + P_L \text{ (MIN.)}$
 $D_1 = \text{VARIABLE}$

CENTERLINE
 $R = 25' + W_L / 2$
 $D = \text{VARIABLE}$

CURB LINE
 $R = W_L + 10' - P_L$
 $D_3 = D_1 + D_{2s} + D_{2L}$

STRAIGHT GRADE

CURVE DATA
 CURB RADIUS = 50'
 $R_L = 50' - P_s$

NOTES:

1. USE NORMAL SECTION FROM INNER CURB TO CENTER LINE.
2. FROM CROWN LINE TO OUTER CURB, THE MAX. SLOPE IS 1" PER FOOT. (8.33%).
3. SUBSCRIPTS "S" AND "L" DENOTE SMALLER AND LARGER STREETS RESPECTIVELY.
4. SUPERELEVATION PERCENTAGES SHOWN ARE A STRAIGHT GRADE FROM CENTERLINE TO CROWN LINE.
5. ELEVATIONS REQUIRED ON PLAN WHERE CIRCLED (o).
6. WHEN STREETS HAVE TILT - TYPE SECTIONS, THE CROWN LINE WILL NOT NECESSARILY TERMINATE IN CENTER LINE AT ANGLE POINT OF CURB.
7. MINIMUM STREET FLOW LINE GRADE SHALL BE 0.5% MINIMUM, REVERSE GRADE VERTICAL CURVES EXCEPTED.

CITY OF MISSION VIEJO



STANDARD KNUCKLE

STANDARD
 PLAN NO.

309

Robert Anderson 9-23-03
 APPROVED RCE 30190 DATE

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