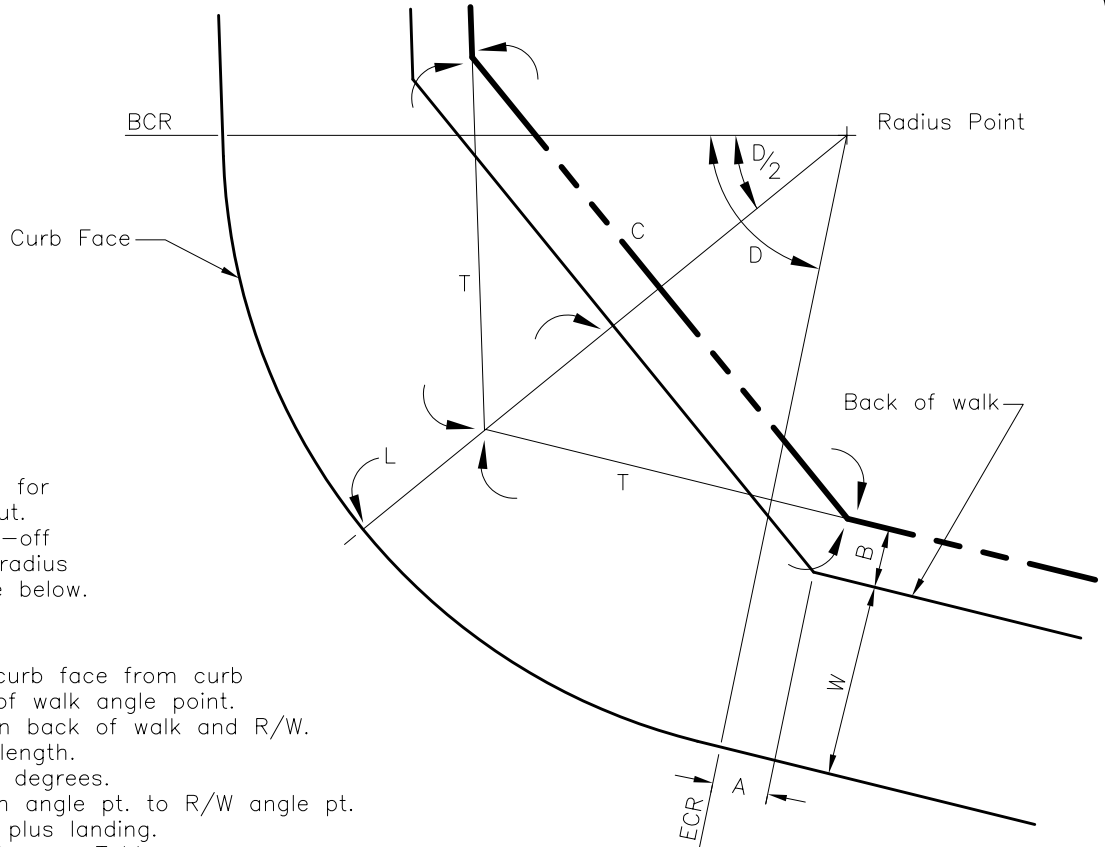




CITY OF LODI

PUBLIC WORKS DEPARTMENT

R/W Corner Cut-off & Curb Return Requirements



NOTES

1. See Std. Plan 612 for curb return layout.
2. Provide corner cut-off for curb return radius required in Table below.

LEGEND

- A = Distance along curb face from curb return to back of walk angle point.
- B = Distance between back of walk and R/W.
- C = Corner cut-off length.
- D = Central angle in degrees.
- E = B.O.W. dist. from angle pt. to R/W angle pt.
- L = Length of ramp plus landing.
- R = Curb return radius per Table
- T = R/W tangent distance in ft.
- W = Distance from face of curb to back of walk in ft.

FORMULAS

$$A = \frac{R-W - [(R-L) / \cos(D/2)]}{\tan(D/2)} \text{ or } (R-W) / \tan(D/2) - (R-L) / \sin(D/2)$$

$$C = 2T \cos(D/2)$$

$$E = B \tan(D/4)$$

$$L = 10' \text{ for } R = 20' \text{ \& \ } 25'$$

$$12' \text{ for } R = 30' \text{ \& \ } 35'$$

$$T = (R-W-B) \tan(D/2) + \frac{R-W-B - [(R-L-B) / \cos(D/2)]}{\tan(D/2)}$$

CURB RETURN RADIUS TABLE

Intersection of:	Minor Res.	Std. Res.	Minor Collector	Major Collector	Industrial (Local)	Arterial
Face-Face						
Minor Res.	34'	20'	-	-	-	-
Std. Res.	39'	20'	20'	-	-	-
Minor Col.	44'	20'	20'	25'	-	-
Major Col.	52'	20'	20'	25'	30'	-
Ind. Local	52'	-	-	-	30'	-
Arterial	64'	25'	25'	30'	30'	35'
Other	>64'	* *	S P E C I A L		D E S I G N * *	

Dr. KT	No.	Date	Revision	Appr.	Approved By: <i>F. Wally Sandelin</i>	STD PLAN
Ch. WS					12/28/00	611
Date 12/00					Date	

F. Wally Sandelin
City Engineer
R.C.E. 39895