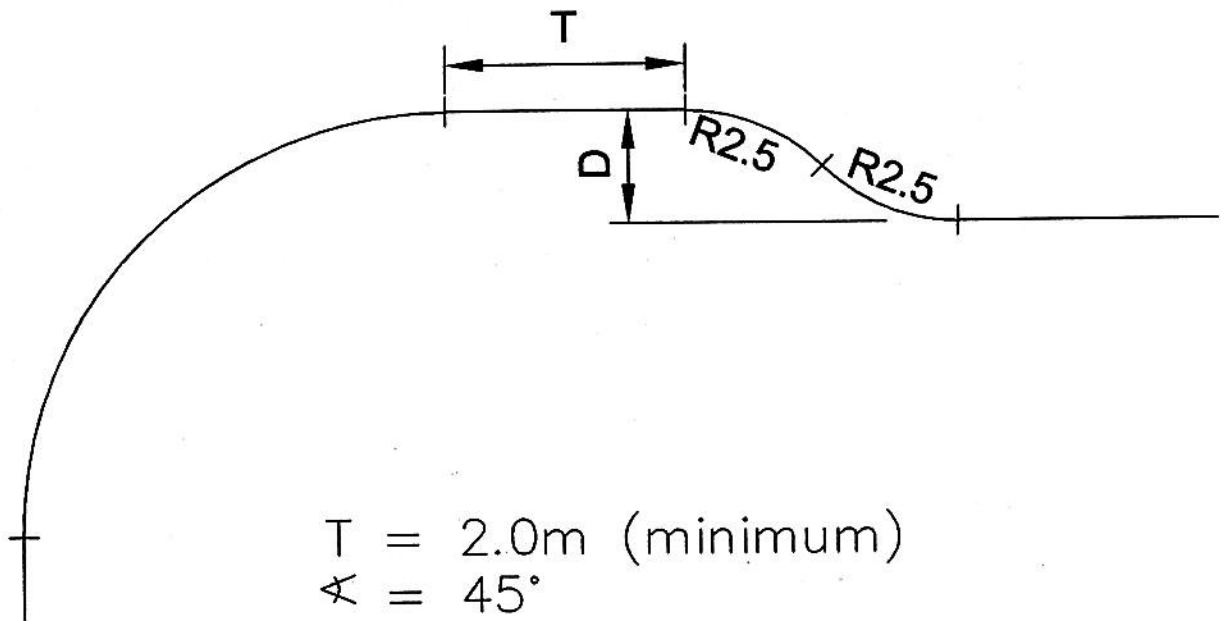


BULGE DETAIL for $D=1.0$ to 1.4m



$T = 2.0\text{m}$ (minimum)

$\sphericalangle = 45^\circ$

R inner = 2.5m

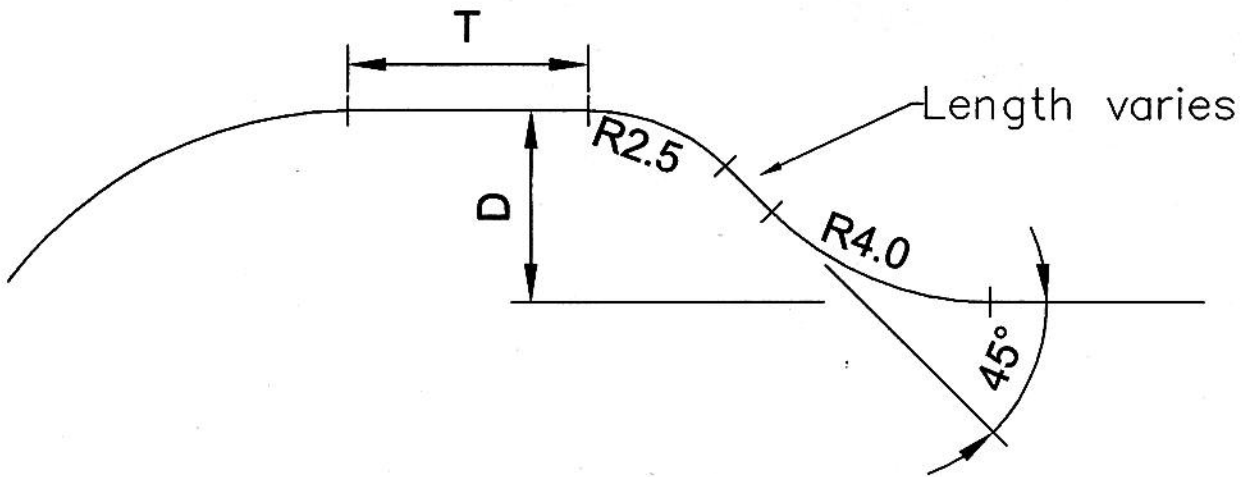
R outer = 2.5m

NOTES: If parking or other conditions constrain these parameters, adjustments should be made in the following priority order:

- (i) reduce the R inner to $R = 2.5\text{m}$
- (ii) minimize the depth (D)
- (iii) reduce the tangent (T) to an

ASSISTANT CITY ENGINEER	STRAT. TRANS. ENG
NEIGH. TRANS. ENG	TRAF. MGT. ENG.

BULGE DETAIL for D=1.5m or greater



$T = 2.0\text{m}$ (minimum)

$\angle = 45^\circ$

R inner = 4.0m

R outer = 2.5m

CITY OF VANCOUVER ENGINEERING SERVICES

DIV. TRANSPORTATION

Dec 16, 02 TM

TM

Plan: needed not needed

ref. Mgt. Neigh. Trans

INTERIM GUIDELINES
FOR
BULGE DESIGN

SCALE: 1:100

DRAWING NUMBER YF853

REVISION