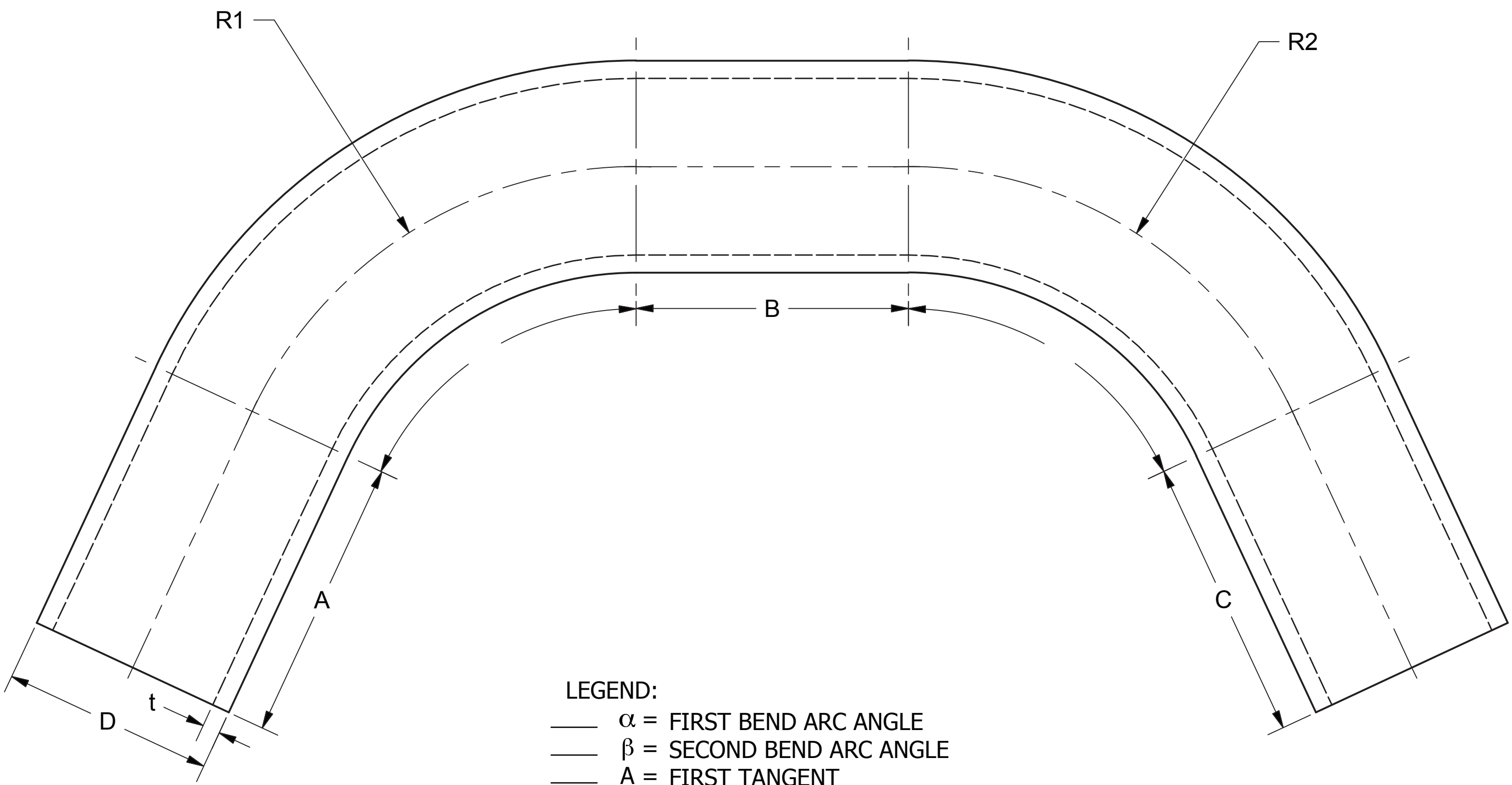


4 3 2 1

D C B A



- LEGEND:**
- α = FIRST BEND ARC ANGLE
 - β = SECOND BEND ARC ANGLE
 - A = FIRST TANGENT
 - B = STRAIGHT BETWEEN BENDS
 - C = SECOND TANGENT
 - D = TUBE OUTSIDE DIAMETER
 - R1 = FIRST RADIUS
 - R2 = SECOND RADIUS
 - t = TUBE WALL THICKNESS

Tulsa Tube Bending Established 1959 COMPANY			
PART NUMBER: UBEND			
DESCRIPTION:			
COMMENTS:			
PROJECT:	MATERIAL: Generic	REV:	
SCALE:	DRAWN BY: jfranks	DATE:	SHEET: 1 OF 1

THIS DRAWING IS THE PROPERTY OF TULSA TUBE BENDING COMPANY. THE INFORMATION CONTAINED HEREIN IS CONFIDENTIAL, AND THE DISCLOSURE THEREOF WITHOUT THE PRIOR WRITTEN CONSENT OF TULSA TUBE BENDING COMPANY IS EXPRESSLY FORBIDDEN. THE INFORMATION CONTAINED MAY BE THE SUBJECT OF PENDING OR CONTEMPLATED PATENTS AND IS FURNISHED WITHOUT PREJUDICE TO THE PATENT RIGHTS OF TULSA TUBE BENDING COMPANY. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS LOANED, RETURNED UPON REQUEST, AND IS NOT TO BE COPIED OR REPRODUCED IN ANY MANNER.

4 3 2 1

A