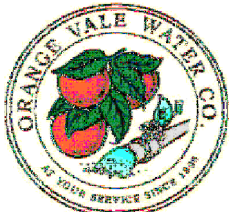


D_o =AVERAGE OUTSIDE PIPE DIAMETER (INCHES)
 A =OFFSET AT THE END OF THE PIPE (INCHES)
 R_b =MINIMUM BENDING RADIUS (FEET)

MAXIMUM BENDING DEFLECTION FOR PVC PIPE				
Nominal Pipe Diameter	Average Outside Pipe Diameter, "Do"	Minimum Wall Thickness	Minimum Bending Radius, "Rb"	Offset at Free End "A"
(inches)	(inches)	(inches)	(feet)	(inches)
AWWA C900 CLASS 150 DR 18				
4	4.800	0.267	120	20
6	6.900	0.383	185	13
8	9.050	0.503	240	10
10	11.100	0.617	400	6
12	13.200	0.733	800	4
AWWA C905 CLASS 235 DR 18				
14	15.300	0.850	1500	2
16	17.400	0.967	1500	2
18	19.500	1.083	1500	2

JOINT DEFLECTION OF AWWA C900 & C905 PVC PIPE IS PROHIBITED.

ORANGE VALE WATER COMPANY			
	MAXIMUM DEFLECTION FOR PVC PIPE		
	<table border="1"> <tr> <td>SCALE: NONE</td> <td rowspan="2" style="text-align: center; vertical-align: middle;">OV-5B</td> </tr> <tr> <td>DATE: 05/12</td> </tr> </table>	SCALE: NONE	OV-5B
SCALE: NONE	OV-5B		
DATE: 05/12			