

TABLE I

MAXIMUM PERMISSIBLE DEFLECTION (INCHES)				APPROX. RADIUS OF CURVE PRODUCED BY SUCCESSION OF JOINTS (FEET).			
NOMINAL SIZE OF PIPE (INCH)	16 FT LENGTH	18 FT LENGTH	20 FT LENGTH	12 FT LENGTH	16 FT LENGTH	18 FT LENGTH	20 FT LENGTH
4	28	31		85	110	125	
6	24	27		100	130	145	
8	18	20		130	170	195	
10	18	20		130	170	195	
12	18	20	22	130	170	195	220
14	12	13.5	15	190	250	285	320
16	12	13.5	15	190	250	285	320
18	10	11	12	230	300	340	380
20	10	11	12	230	300	340	380
24	8	9	10	300	400	450	500
30	8	9	10	300	400	450	500
36	7	8		330	440	500	
42	6	7.5		340	450	510	
48	6	7.5		340	450	510	

NOTE:

1. MAXIMUM ALLOWABLE DEFLECTION SHALL BE 50% OF MANUFACTURERS RECOMMENDED DEFLECTION.

CITY OF NORFOLK – DEPARTMENT OF UTILITIES
STANDARD DETAILS

SCALE:
NOT TO SCALE

MAXIMUM PERMISSIBLE DEFLECTION IN LAYING
MECHANICAL-JOINT PIPE

DRAWING NO.
CWS 06

DATE: 03/07