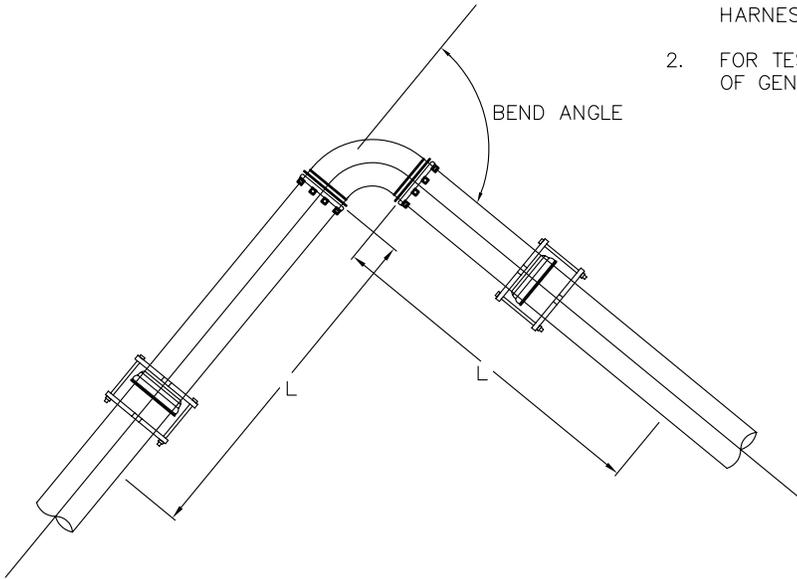


HORIZONTAL BEND

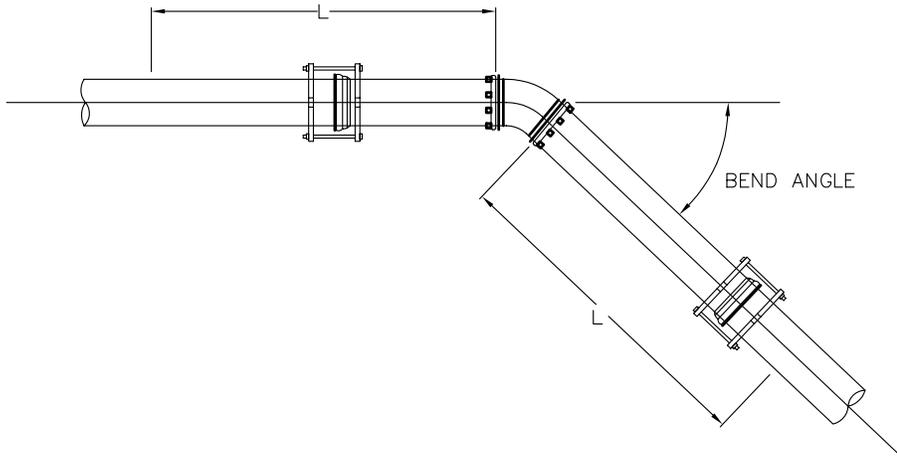
1. ALL JOINTS WITHIN LENGTH "L" MUST BE RESTRAINED.
USE RETAINER GLAND AT MECHANICAL JOINTS AND HARNESS WITH PUSH-ON PIPE PER CITY STD. SPECIFICATIONS.
2. FOR TEST PRESSURES AND LAYING CONDITIONS SEE SECTION OF GENERAL NOTES FOR USE OF RESTRAINED JOINT LENGTHS.



BEND ANGLE	SIZE				
	4	6	8	10	12
11.25	3	3	3	4	4
22.5	3	5	7	7	9
45	7	11	13	15	18
90	17	24	31	37	43

RESTRAINED LENGTHS, "L" (IN FEET)

VERTICAL BEND



BEND ANGLE	SIZE				
	4	6	8	10	12
11.25	5	7	9	11	13
22.5	11	15	19	23	27
45	23	31	40	48	56

RESTRAINED LENGTHS, "L" (IN FEET)

1. ALL JOINTS WITHIN LENGTH "L" MUST BE RESTRAINED.
USE RETAINER GLAND AT MECHANICAL JOINTS AND HARNESS WITH PUSH-ON PIPE PER CITY STD. SPECIFICATIONS.
2. FOR TEST PRESSURES AND LAYING CONDITIONS SEE SECTION OF GENERAL NOTES FOR USE OF RESTRAINED JOINT LENGTHS.

PVC RESTRAINED JOINTS

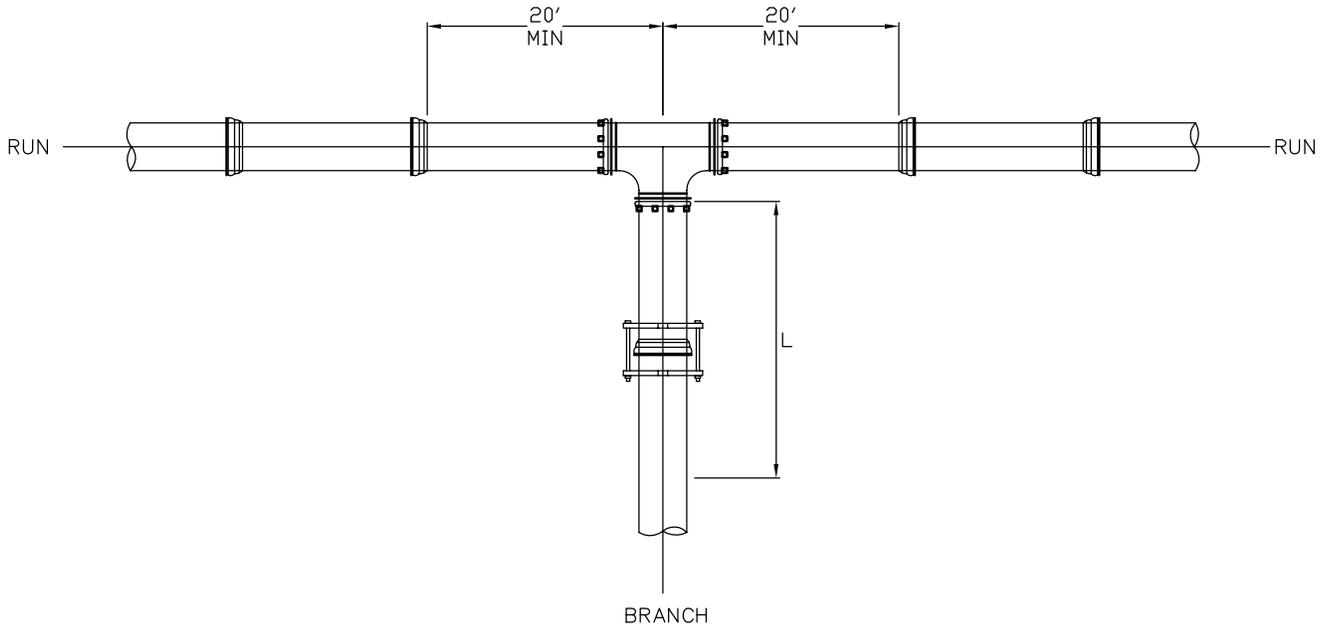
SHEET 1 OF 2

REVISIONS
12/08/05

CITY OF KERMAN

STD.
NO.
W-10

TEE



		RUN SIZE				
		4	6	8	10	12
BRANCH SIZE	4		*	*	*	*
	6	X	*	*	*	*
	8	X	X	*	*	*
	10	X	X	X	*	*
	12	X	X	X	X	13

* - FOR THIS CONDITION NEED ONLY RESTRAIN THE BRANCH OUTLET OF THE TEE.

RESTRAINED LENGTHS, "L" (IN FEET)

1. RESTRAIN THE TWO MECHANICAL JOINTS ON THE RUN SIDES OF THE TEE. THERE SHOULD BE A FULL 20 FEET LENGTH OF PIPE INSTALLED ON EACH SIDE OF THE RUN.
2. ALL JOINTS WITHIN LENGTH "L" ON THE BRANCH MUST BE RESTRAINED. USE RETAINER GLAND AT MECHANICAL JOINTS AND HARNESS ON PUSH-ON PIPE PER CITY SPECIFICATION.
3. FOR TEST PRESSURES AND LAYING CONDITIONS SEE SECTION OF GENERAL NOTES FOR USE OF RESTRAINED JOINT LENGTHS.

PVC RESTRAINED JOINTS

SHEET 2 OF 2

REVISIONS
12/08/05

CITY OF KERMAN

STD.
NO.
W-10