



		RUN SIZE DIAMETER									
		4	6	8	10	12	14	16	18	20	24
BRANCH SIZE DIAMETER	4	*	*	*	*	*	*	*	*	*	*
	6	X	*	*	*	*	*	*	*	*	*
	8	X	X	*	*	*	*	*	*	*	*
	10	X	X	X	10	2	*	*	*	*	*
	12	X	X	X	X	19	12	4	*	*	*
	14	X	X	X	X	X	28	22	15	8	*
	16	X	X	X	X	X	X	37	31	26	13
	18	X	X	X	X	X	X	X	46	41	30
	20	X	X	X	X	X	X	X	X	55	45
	24	X	X	X	X	X	X	X	X	X	72

* - 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 18' LENGTH OF PIPE INSTALLED ON EACH SIDE OF THE RUN.
2. ALL JOINTS WITHIN THE 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 ON GENERAL NOTES FOR USE OF RESTRAINED JOINT LENGTHS.

CITY OF ST. GEORGE ENGINEERING DEPARTMENT

REVISIONS		
DATE	DESCRIPTION	BY

**STANDARD TEE DUCTILE IRON
RESTRAINING SYSTEM DETAIL**

STANDARD DWG. NO.	
309	1 OF 1
APPROVED:	
DATE:	BY: LBB