

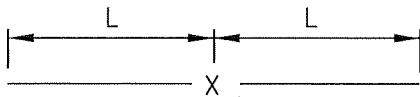
LENGTH OF RESTRAINED PIPE

PIPE SIZE	FITTING	90° BEND, TEE, PLUG, OR VALVE	45° BEND	22 1/2° BEND	11 1/4° BEND
4"	L	30'	9'	1'	—
6"	L	45'	13'	4'	—
8"	L	60'	18'	5'	1'
12"	L	90'	25'	7'	2'
14"	L	100'	28'	7'	2'
16"	L	110'	32'	8'	2'
20"	L	130'	39'	10'	3'
24"	L	160'	45'	12'	3'

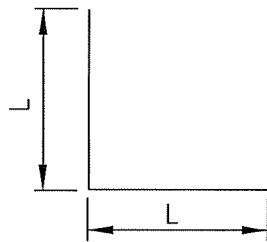
NOTES:

1. LENGTH OF RESTRAINED PIPE MEASURED EACH WAY FROM VALVES AND BENDS.
2. BASED ON 100 PSI INTERNAL PRESSURE.
3. LENGTH REFERS TO THE AMOUNT OF PIPE WHICH MUST BE TIED TOGETHER.
4. FOR LENGTH OF RESTRAINED PIPE AT DIFFERENT TEST PRESSURES, USE THE FOLLOWING EQUATION:

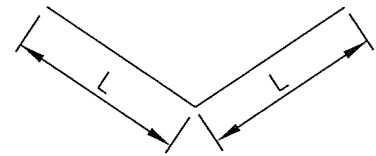
$$\text{LENGTH OF RESTRAINED PIPE} = (\text{TEST PRESSURE}/100 \text{ PSI}) \times (\text{TABLE VALUE})$$



TEE OF VALVE



90° BEND



BENDS

THRUST RESTRAINTS—TYPE B

NOT TO SCALE

2600B

**UPPER THOMPSON
SANITATION DISTRICT
THRUST RESTRAINT—TYPE B
STANDARD DETAIL NO. 2600B**



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