

L = REQUIRED LENGTH OF RESTRAINED JOINTS

d = NORMAL PIPE SIZE E = ANGLE OF BEND

d	4"	6"	8"	10"	12"
11-1/4°	*	*	*	*	*
22-1/2°	*	1.5	2.0	2.5	3.0
45°	5	5	7	9	13
90° TEE PLUG	8	18	24	32	44

\*RESTRAINED JOINT REQUIRED AT FITTING ONLY

RESTRAINT JOINTS
NOT TO SCALE



VILLAGE OF INDIAN HILL DEPARTMENT OF WATER WORKS

 STANDARD RESTRAINT DETAILS DRAWING NO.

WW-126