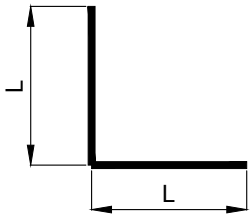
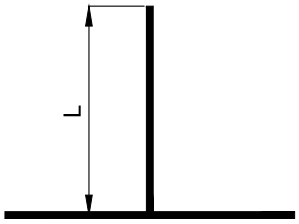
LENGTH OF RESTRAINED PIPE

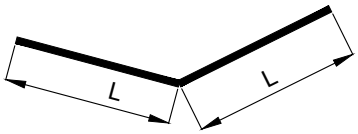
PIPE SIZE	4"	6"	8"	12"	16"	20"	24"
90° BEND, TEE, PLUG, CROSS	30'	45'	60'	86'	108'	132'	155'
VALVE	30'	45'	60'	86'	108'	132'	155'
45° BEND	21'	21'	22'	25'	32'	39'	45'
22 1/2° BEND	21'	21'	21'	21'	21'	21'	21'
11 1/4° BEND	21'	21'	21'	21'	21'	21'	21'



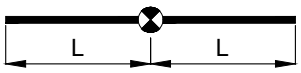
90° BEND



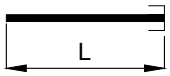
TEE



BENDS



VALVE



PLUG

NOTES:

1. ALL FITTINGS SHALL BE RESTRAINED.
2. ALL T-BOLTS SHALL BE COR-BLUE, ALL OTHER BOLTS SHALL BE STAINLESS STEEL
3. WHEN REDUCERS ARE USED AT VALVES OR FITTINGS, THE LENGTH OF RESTRAINED PIPE SHALL BE BASED ON LARGER PIPE SIZE.

REV. DATE:	08/2024	RESTRAINED LENGTH DETAIL
SCALE:	N.T.S.	

NTM NORTH TABLE MOUNTAIN WATER AND SANITATION DISTRICT

14806 WEST 52ND AVENUE GOLDEN, COLORADO 80403-1228

DWG. NO. W10