



# RESTRAINING SCHEDULE AND NOTES

JULY 2009

DRAWING  
NO.

M-3

RESTRAINED LENGTH IN FEET EACH SIDE OF		RESTRAINED LENGTH IN FEET FOR REDUCER																
PIPE DIAMETER (INCHES)	D. I. P.					P. V. C.					PIPE DIAMETER (INCHES)	RESTRAINED LENGTH IN FEET FOR LARGER DIAMETER PIPE						
	90°	45°	22 1/2°	11 1/4°	90°	45°	22 1/2°	11 1/4°	3"	4"		6"	8"	10"	12"	16"	20"	24"
3"	30'	15'	10'	5'	40'	20'	10'	5'	3"	0	0	0	0	0	0	0	0	0
4"	35'	15'	10'	5'	55'	25'	15'	10'	4"	40'	0	0	0	0	0	0	0	0
6"	55'	25'	10'	5'	80'	35'	20'	10'	6"	50'	45'	0	0	0	0	0	0	0
8"	65'	30'	15'	10'	90'	40'	20'	10'	8"	75'	70'	40'	0	0	0	0	0	0
10"	80'	35'	20'	10'	110'	50'	25'	15'	10"	95'	90'	40'	0	0	0	0	0	0
12"	95'	40'	20'	10'	130'	55'	30'	15'	12"	120'	115'	75'	40'	0	0	0	0	0
16"	120'	50'	25'	15'	165'	70'	35'	20'	16"	160'	155'	140'	125'	70'	0	0	0	0
20"	150'	65'	30'	15'	200'	85'	40'	20'	20"	200'	195'	185'	170'	150'	75'	0	0	0
24"	180'	70'	35'	20'	210'	90'	45'	25'	24"	160'	155'	150'	140'	135'	90'	50'	0	0
30"	190'	80'	40'	20'	250'	105'	50'	25'	30"	195'	190'	185'	180'	170'	120'	105'	70'	0
36"	220'	95'	45'	25'	0	0	0	0	36"	225'	220'	215'	210'	205'	180'	150'	125'	70'
42"	245'	105'	50'	25'	0	0	0	0	42"	245'	240'	235'	230'	225'	205'	180'	155'	105'
48"	260'	120'	60'	30'	0	0	0	0	48"	255'	250'	245'	240'	235'	215'	195'	175'	125'

RESTRAINED LENGTHS FOR DEAD ENDS AND BRANCHES FROM TEES SHALL BE THE SAME AS FOR 90° BENDS