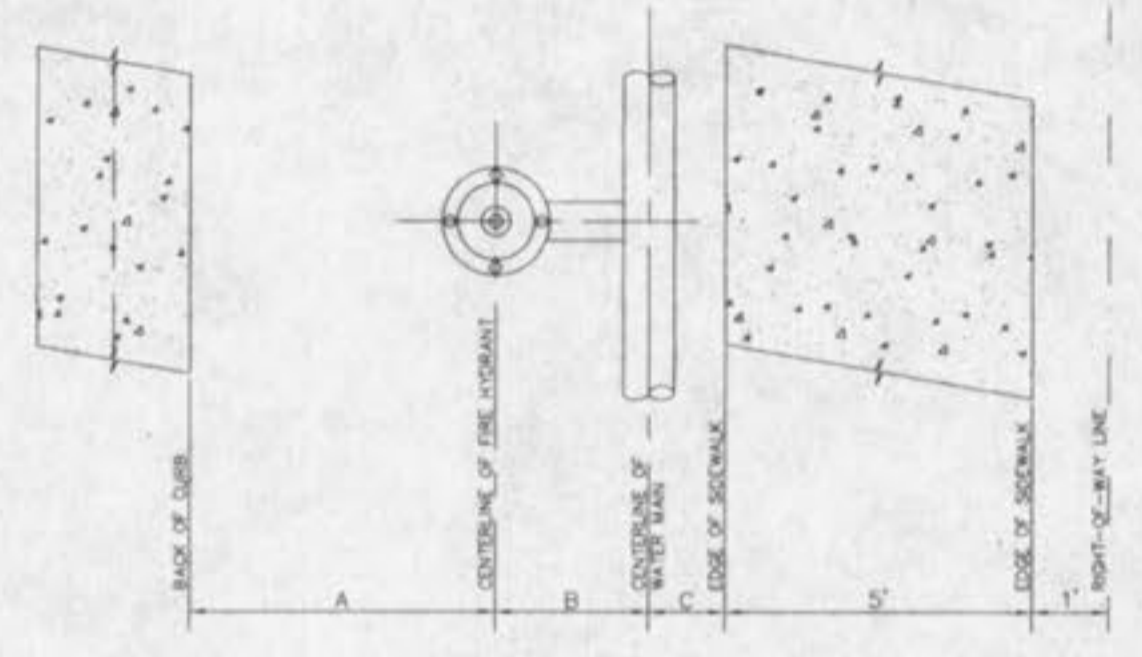


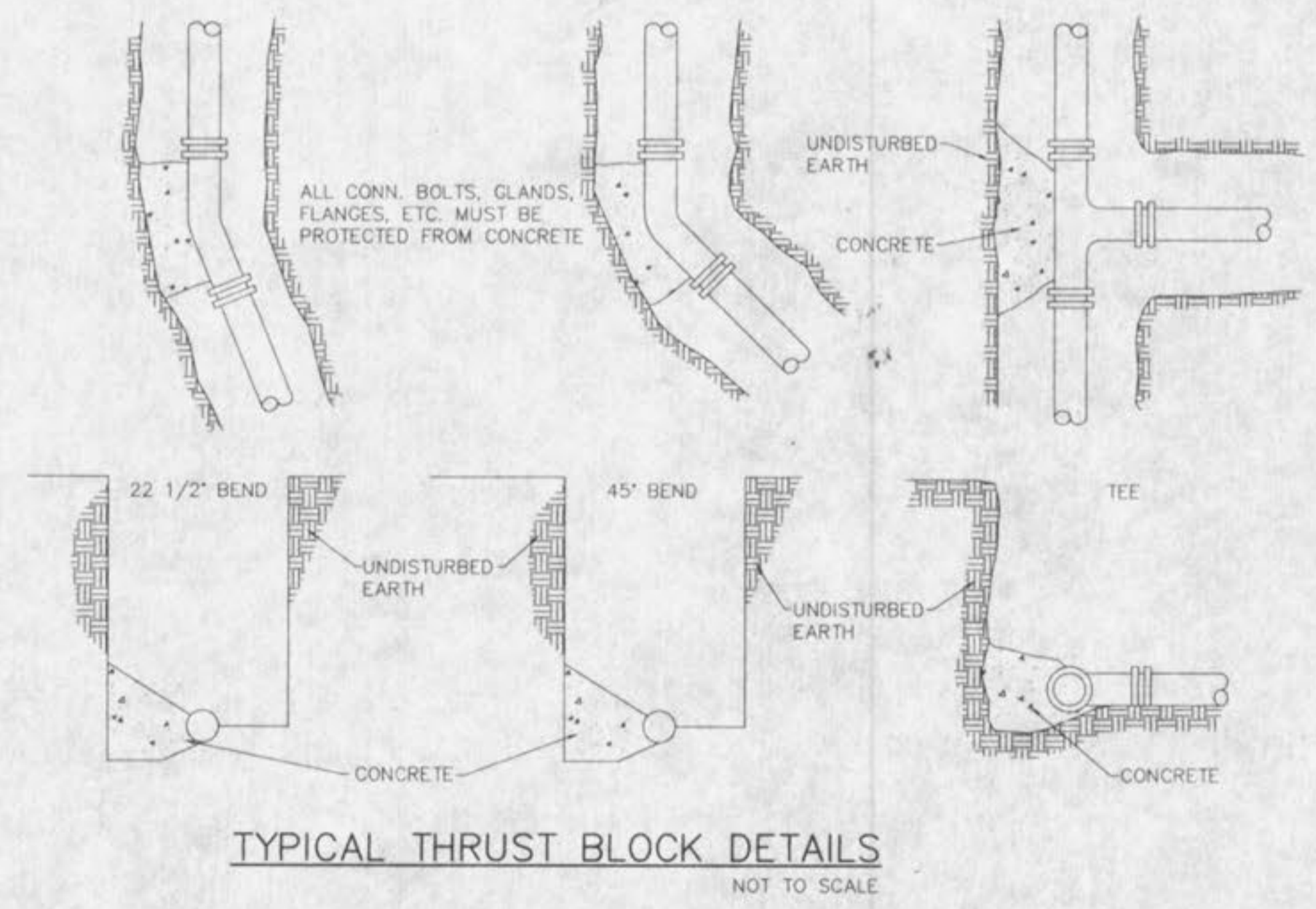
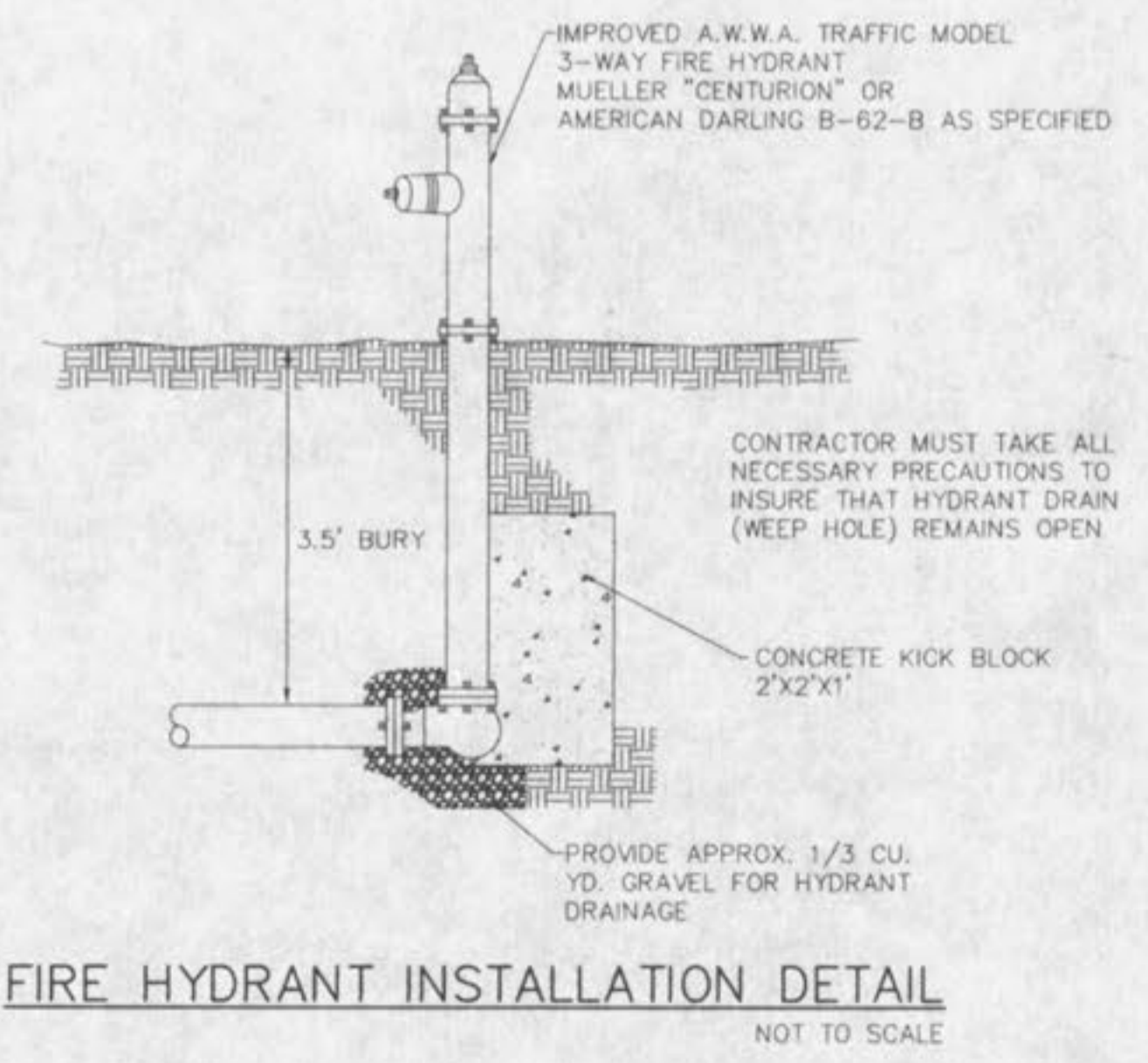
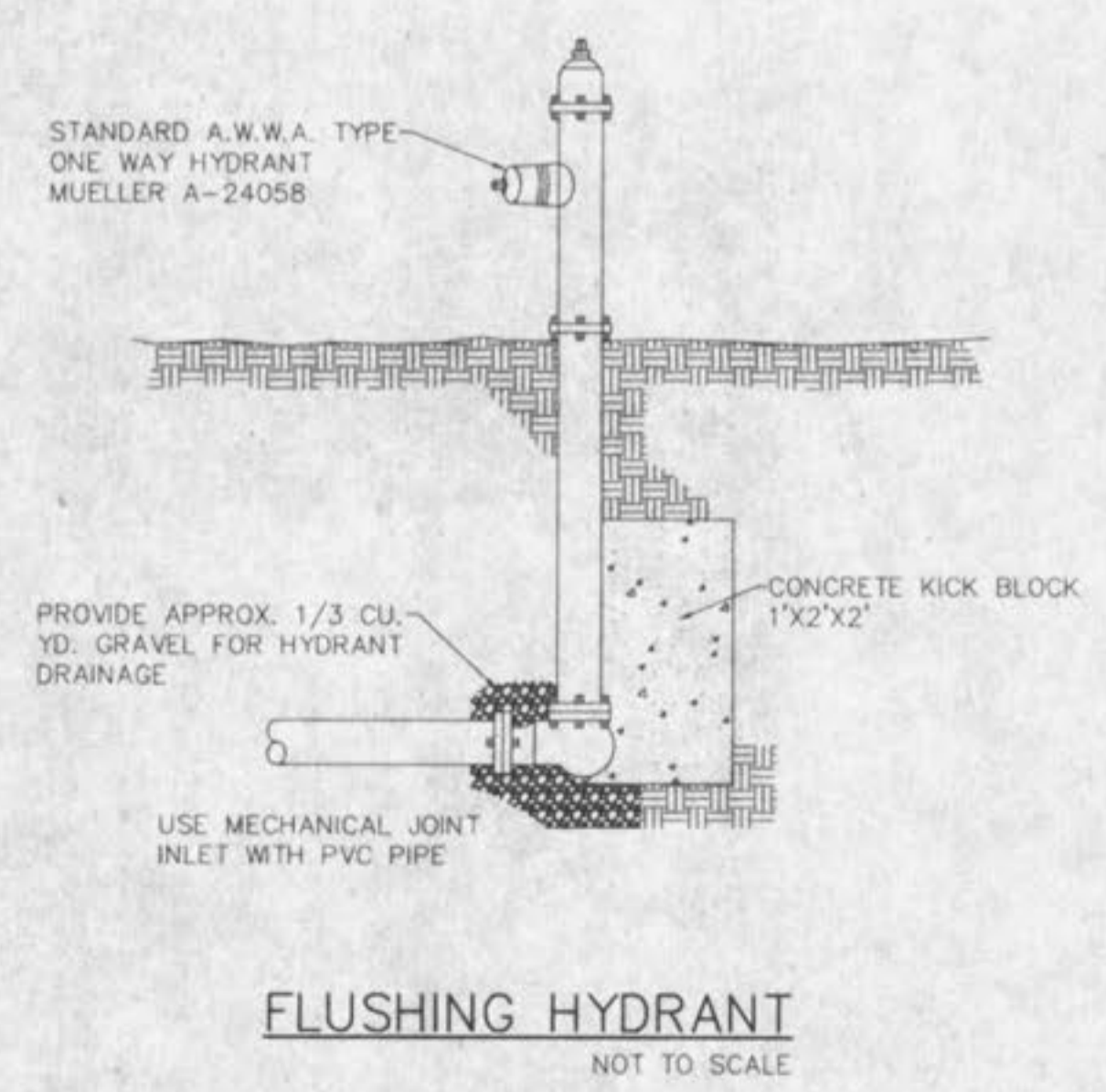
TYPICAL WATER AND SEWER SEPARATION
NOT TO SCALE



CONFIGURATION

	A	B	C
60' RIGHT-OF-WAY/36' PAVEMENT/WITHOUT SIDEWALK	3'	3'	N/A
60' RIGHT-OF-WAY/36' PAVEMENT/WITH SIDEWALK	5'	3'	1'
50' RIGHT-OF-WAY/26' PAVEMENT/WITHOUT SIDEWALK	5'	3'	N/A
50' RIGHT-OF-WAY/26' PAVEMENT/WITH SIDEWALK	3'	3'	1'

TYPICAL WATER MAIN AND FIRE HYDRANT LOCATIONS
NOT TO SCALE



MAIN SIZE (I.D.)	MIN. THRUST BLOCK BEARING DIMENSIONS TO BEAR AGAINST UNDISTURBED EARTH				
	45° BEND	22 1/2° BEND	TEE	VALVE	CROSS
2"	5' X 1'	5' X 1'	5' X 1'	5' X 1'	5' X 1'
4"	1' X 1'	1' X 1'	2' X 1'	2' X 1'	1' X 1'
6"	1.5' X 1'	1' X 1'	2' X 1'	2' X 1'	1' X 1'
8"	2' X 1'	1' X 1'	2' X 2.5'	2' X 2'	1' X 1.5'
10"	2' X 2.5'	1.5' X 2'	2' X 3.5'	2' X 3'	2' X 2'
12"	2' X 3.5'	1.5' X 2.5'	3' X 3.5'	3' X 3'	2' X 3'
16"	3' X 4'	2' X 3'	4' X 4.5'	3' X 4.5'	3' X 3.5'

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