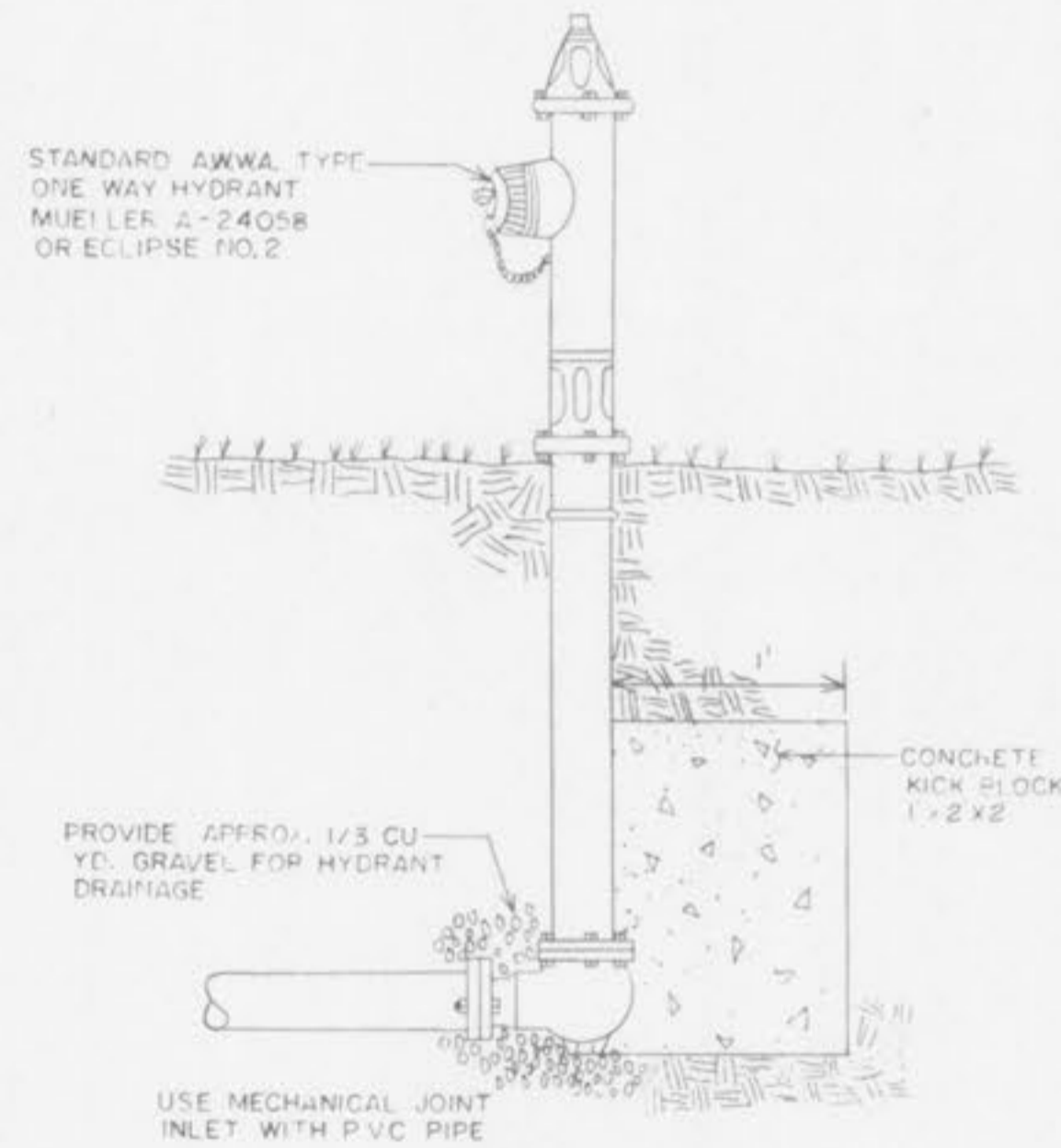
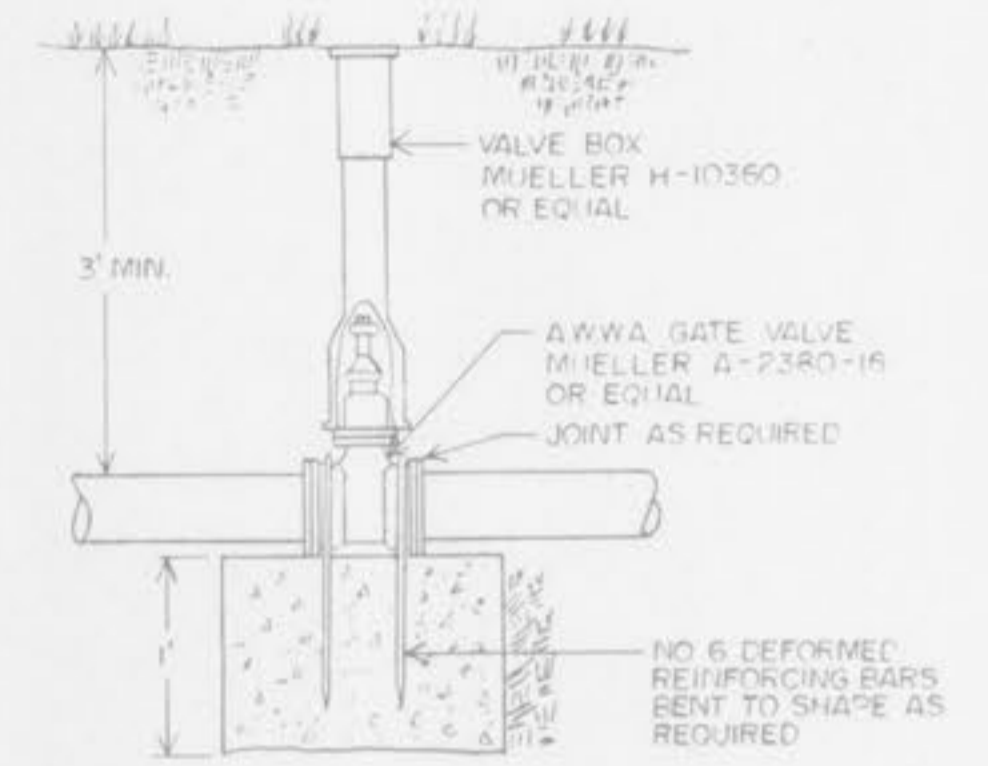
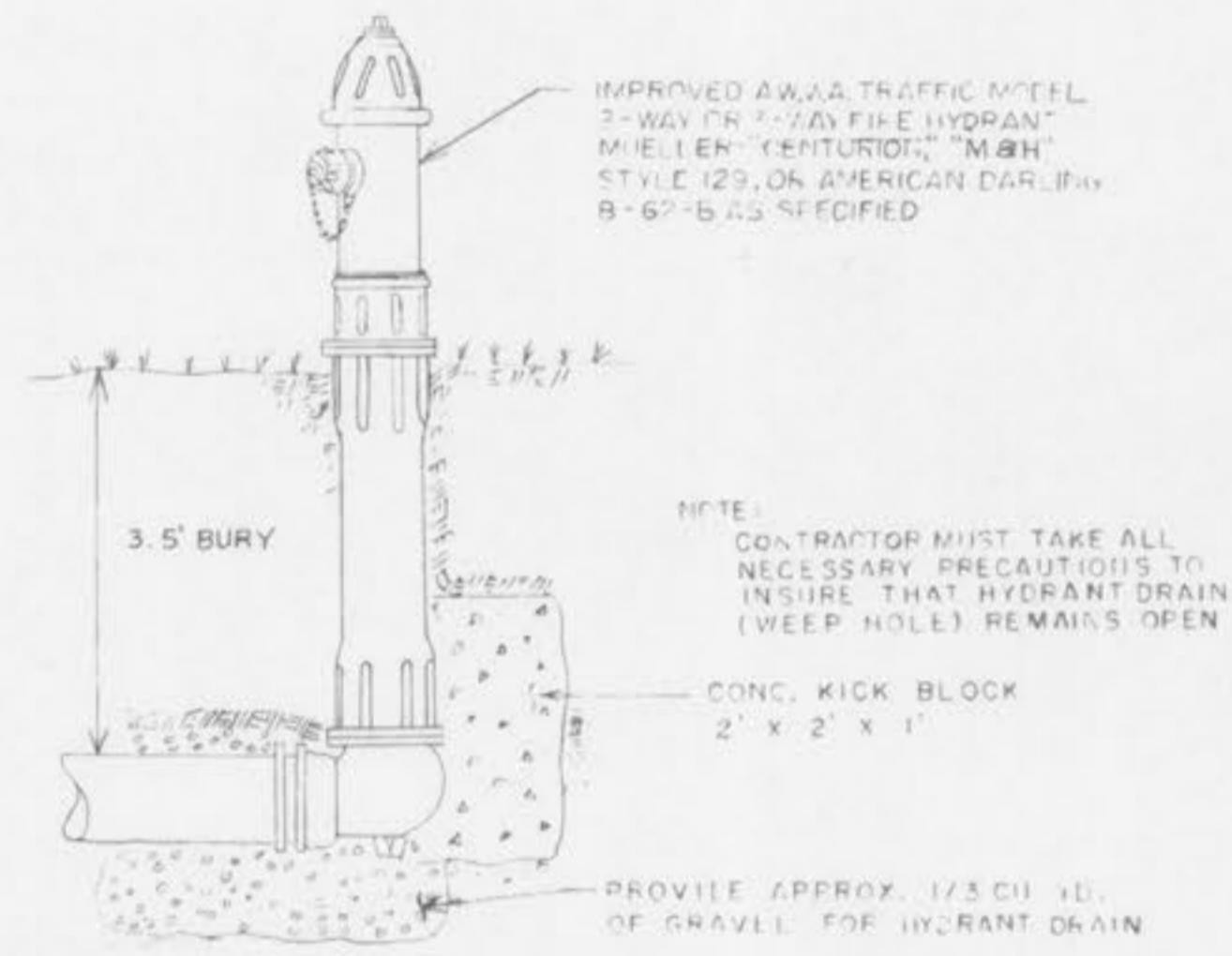


SECTION A-A

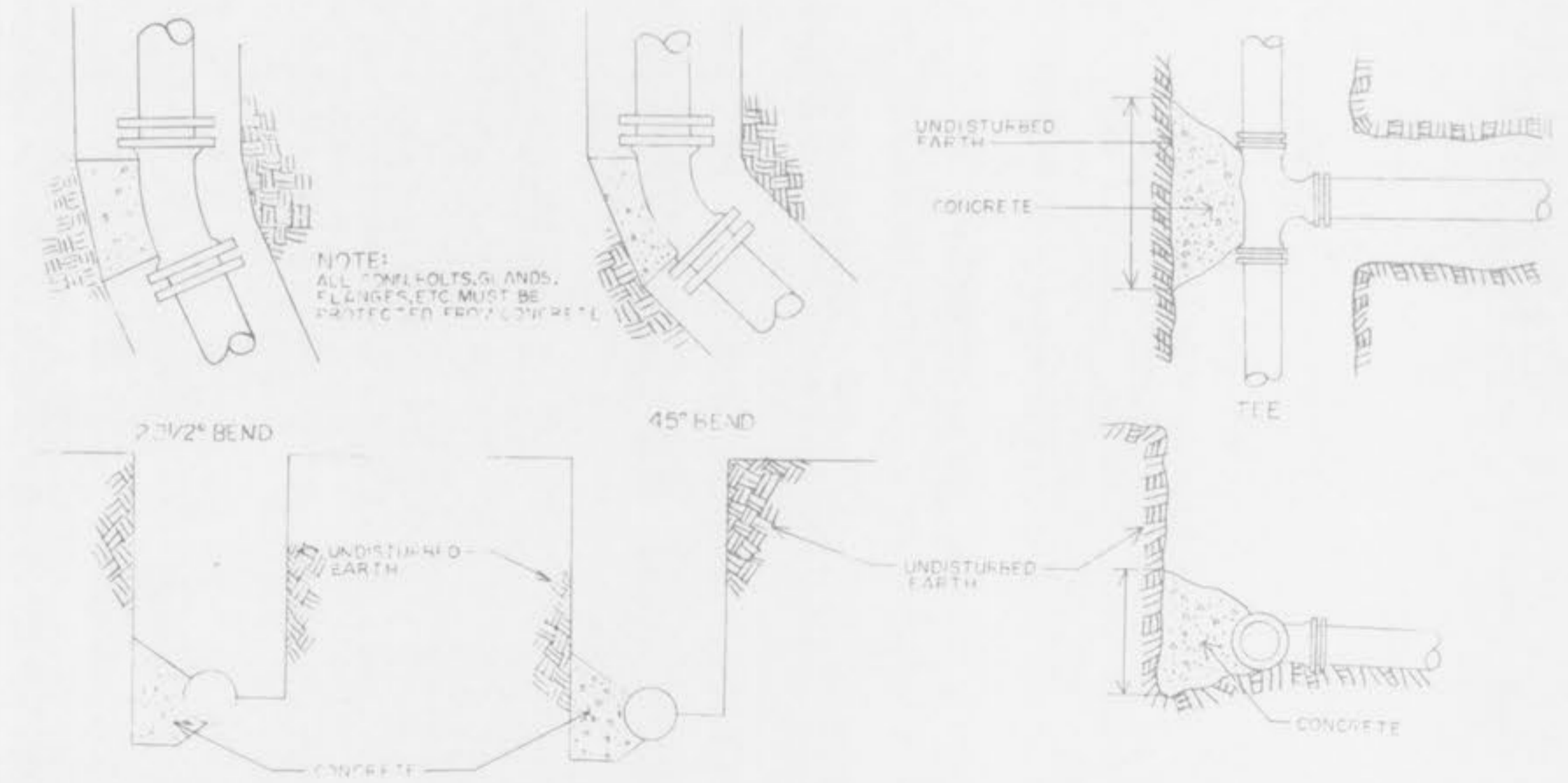
TYPICAL WATER MAIN INSTALLATION DETAILS
 NO SCALE



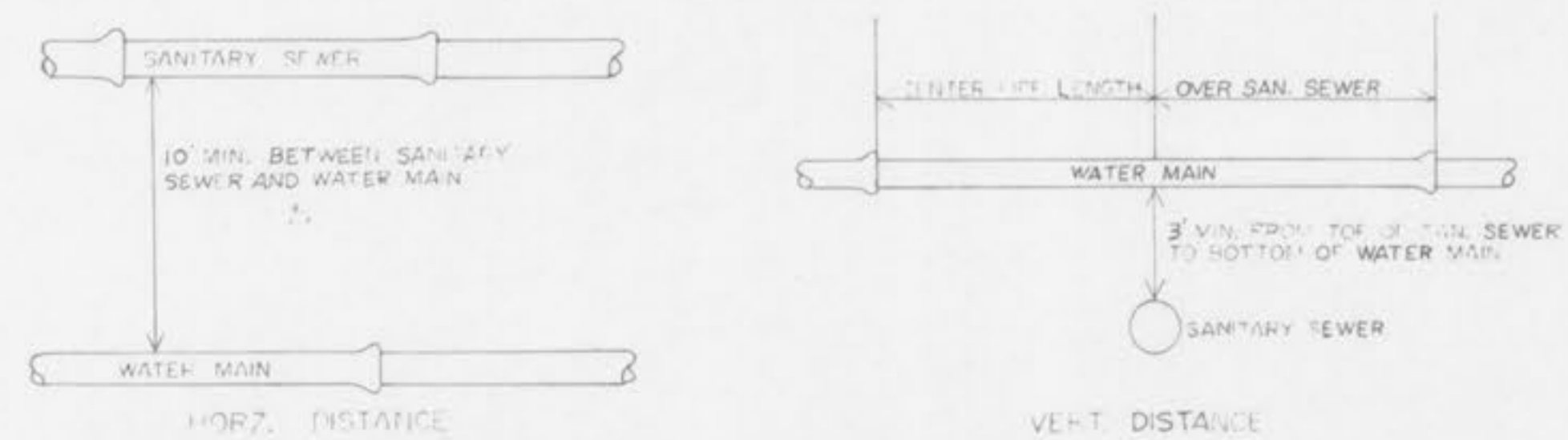
FLUSHING HYDRANT
 NO SCALE



FIRE HYDRANT INSTALLATION DETAIL
 NO SCALE



TYPICAL THRUST BLOCK DETAIL
 NO SCALE



TYPICAL WATER & SEWER SEPARATION
 NO SCALE

PIPE SIZE I.D. (IN INCHES)	MINI 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 1.5'
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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APPROVED:

TYPICAL WATER INSTALLATION DETAILS

DATE	SCALE	SHEET NO.	REVISIONS
FEB-88	AS SHOWN		