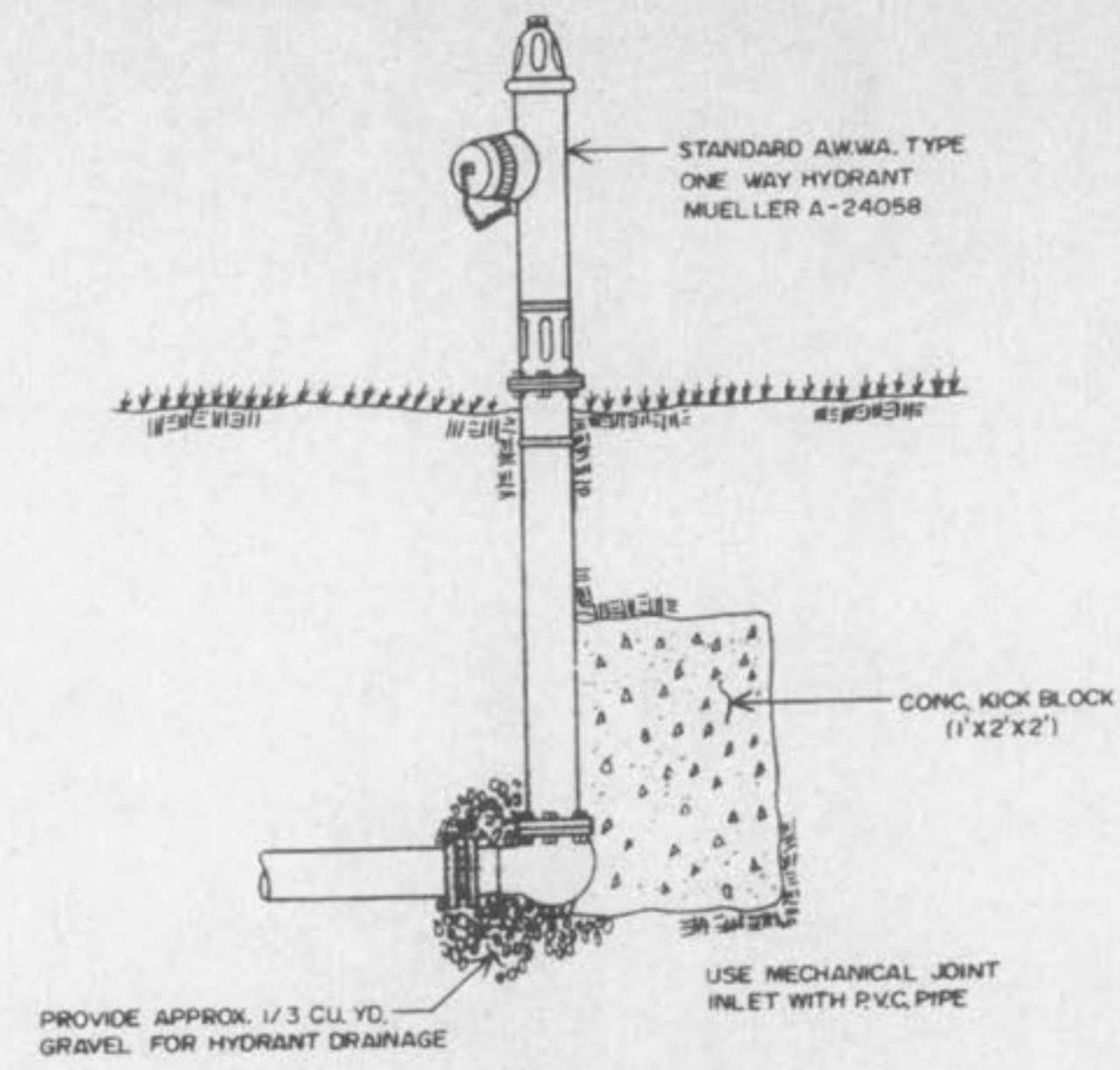
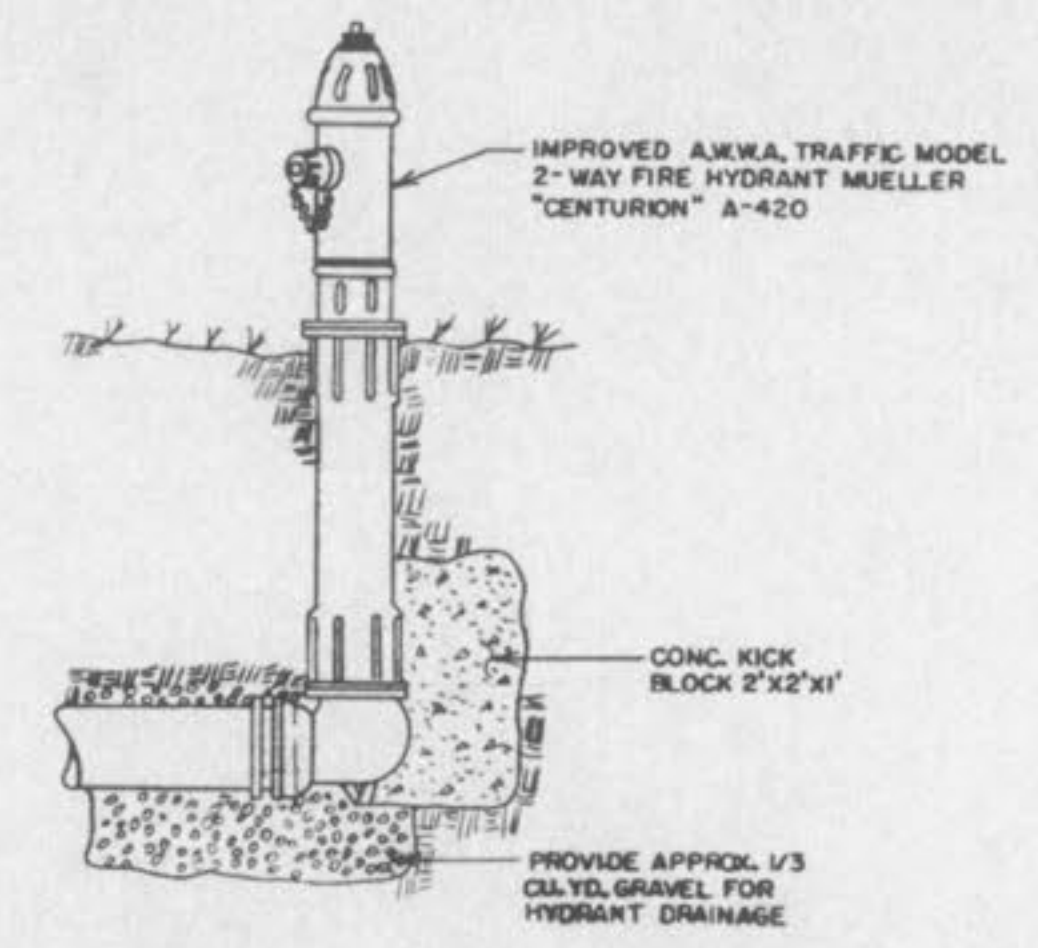


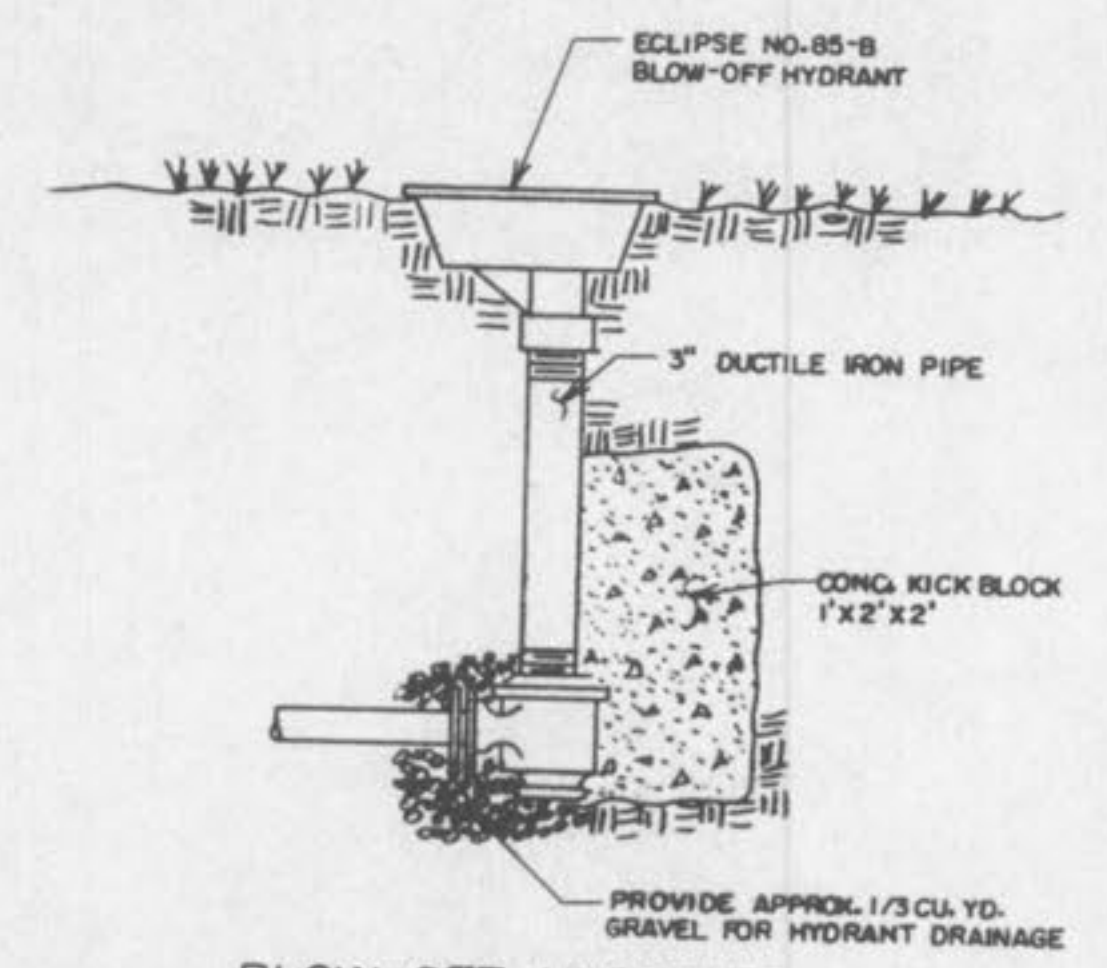
FIRE HYDRANT INSTALLATION DETAIL
NO SCALE



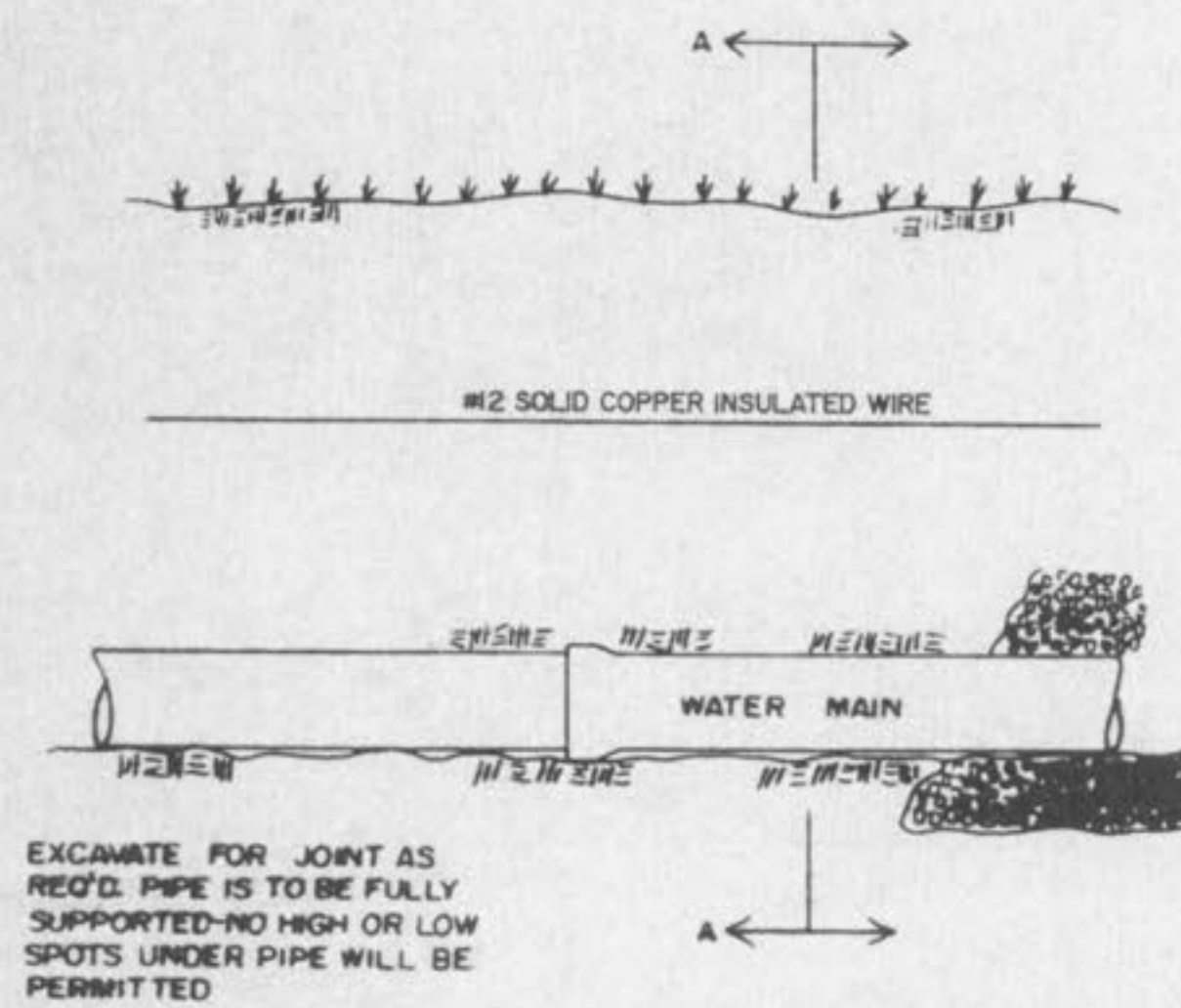
FLUSHING HYDRANT
NO SCALE



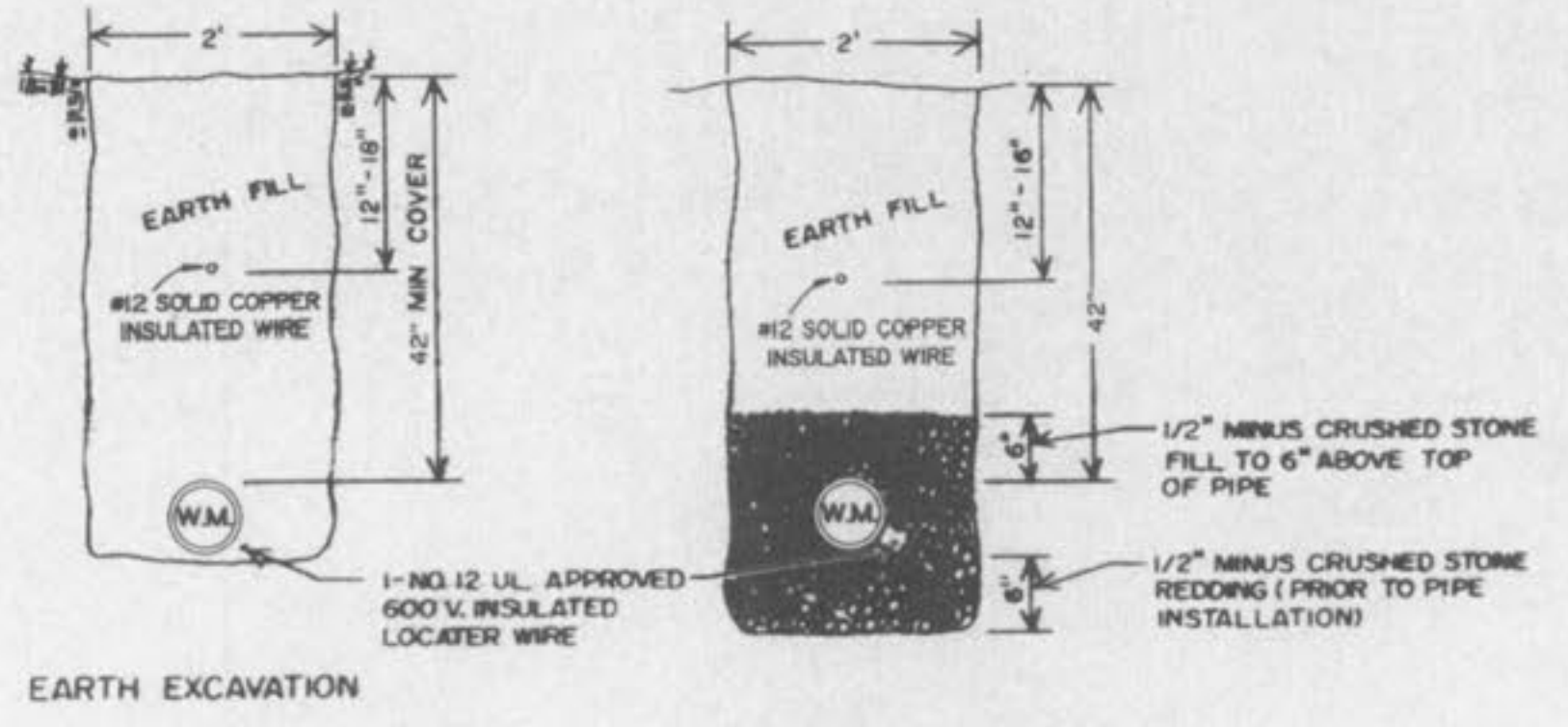
FIRE HYDRANT INSTALLATION DETAIL
NO SCALE



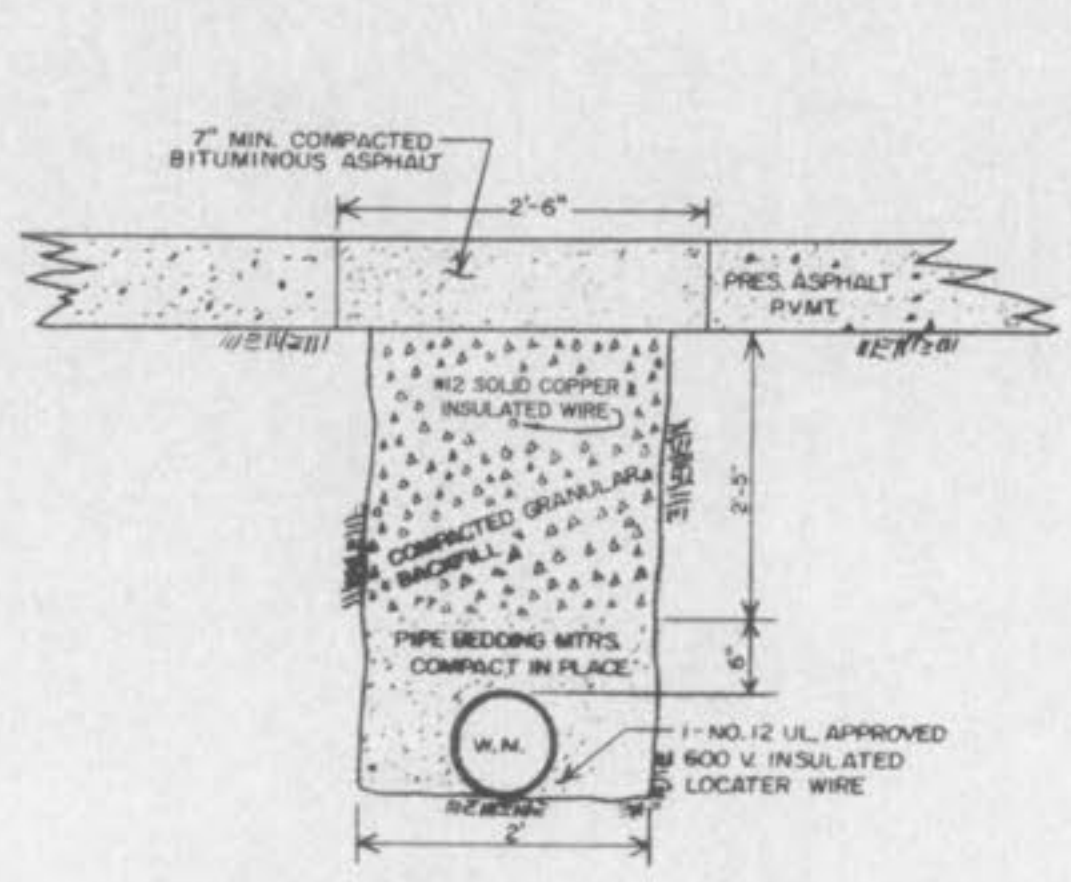
BLOW-OFF HYDRANT
NO SCALE



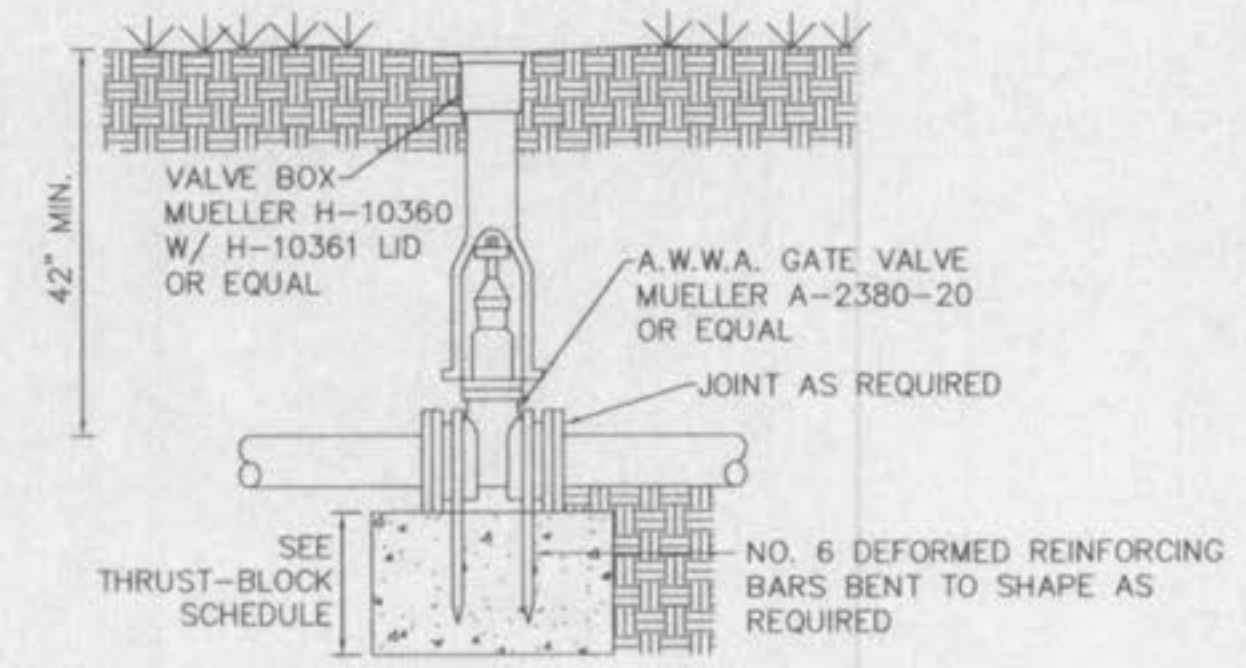
TYPICAL WATER MAIN TRENCHING DETAIL
N.T.S.



SECTION A-A



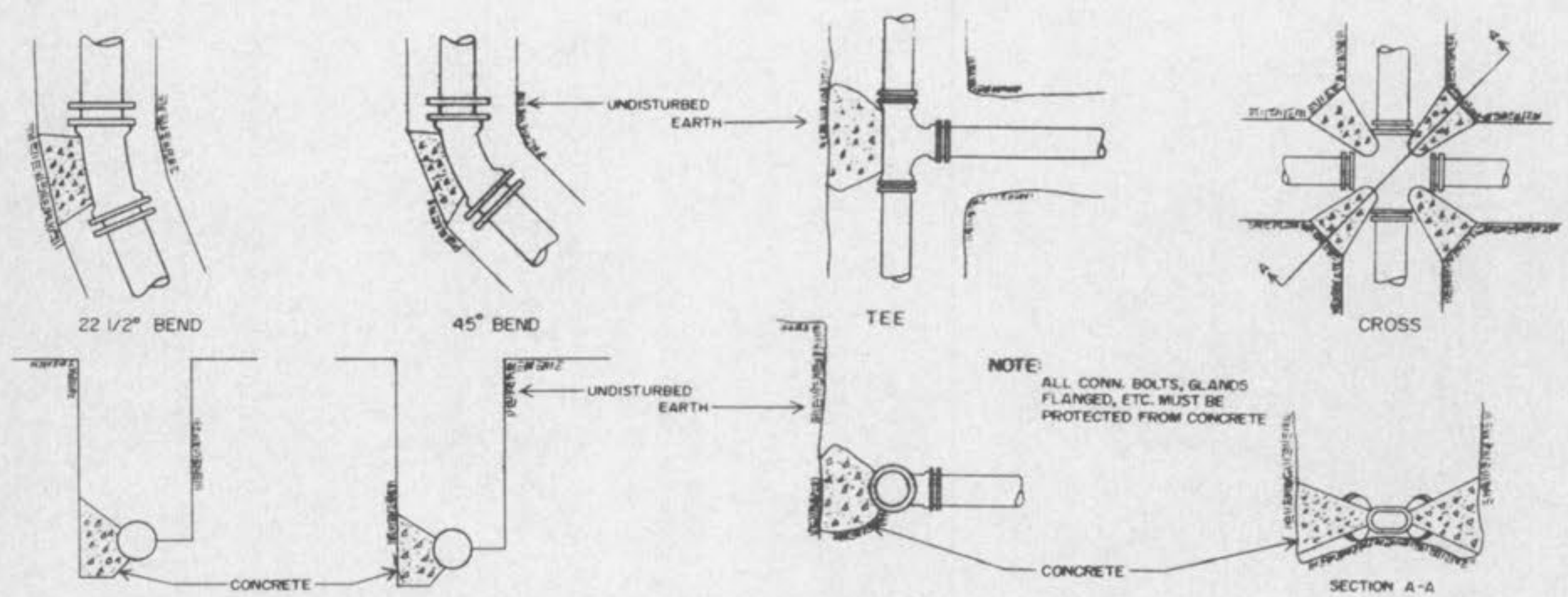
TYPICAL PAVED STREET OR ROAD TRENCH BACKFILL & SURFACE REPLACEMENT DETAIL
SCALE: 1"=1'-0"



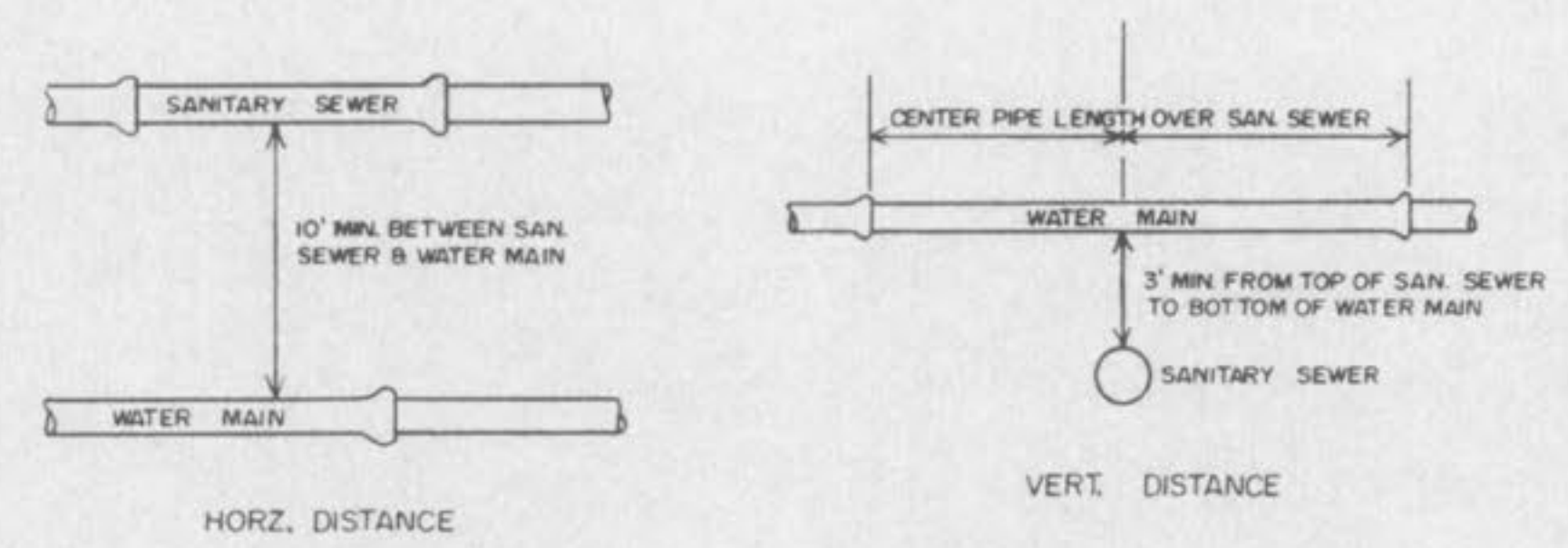
GATE VALVE W/THRUST BLOCK
N.T.S.

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'

THRUST-BLOCK SCHEDULE



TYPICAL THRUST-BLOCK DETAIL
N.T.S.



TYPICAL WATER & SEWER SEPARATION
NO SCALE

IMPROVEMENT PLANS
PEACEFUL VALLEY
WATER DETAILS

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