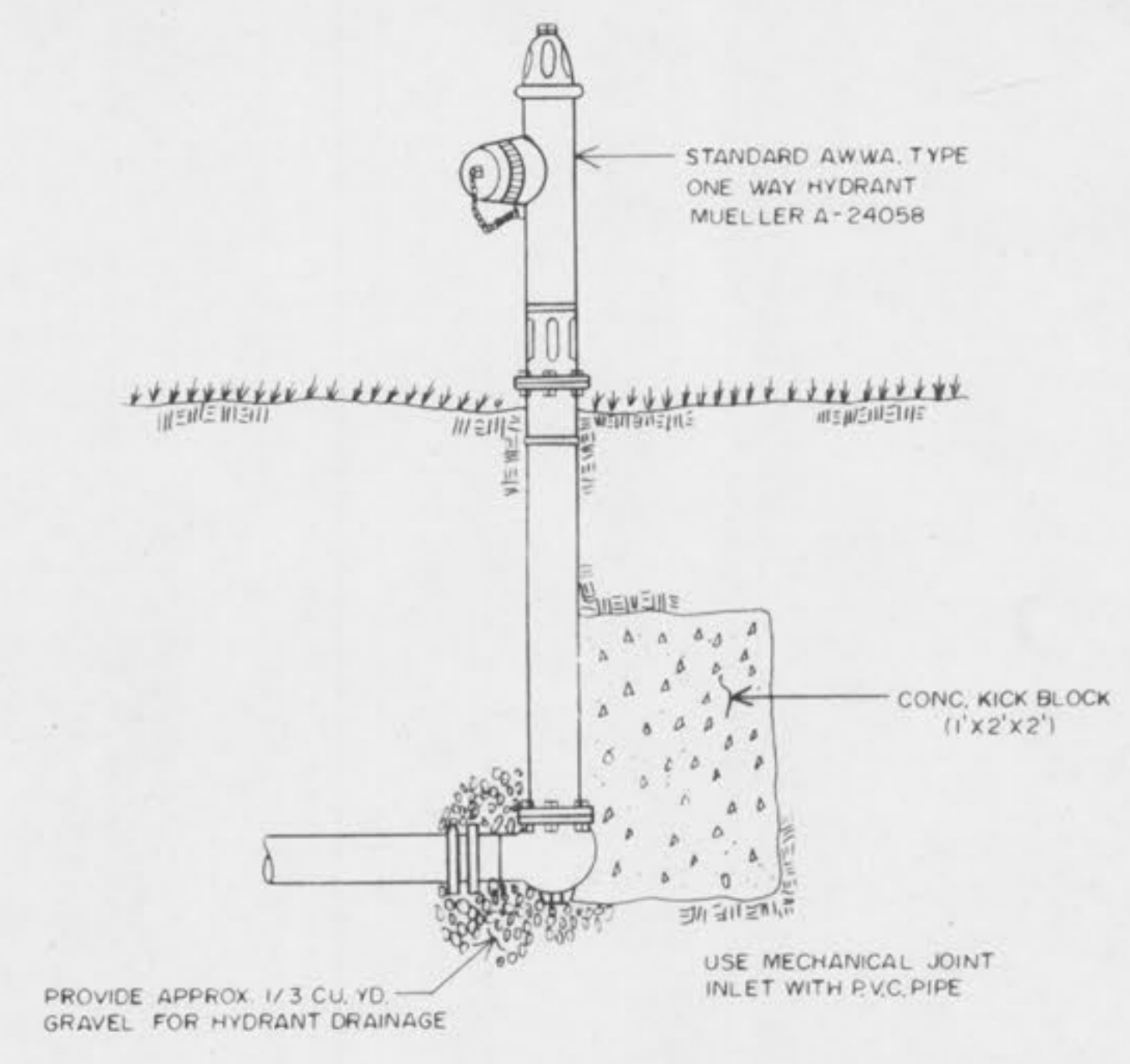
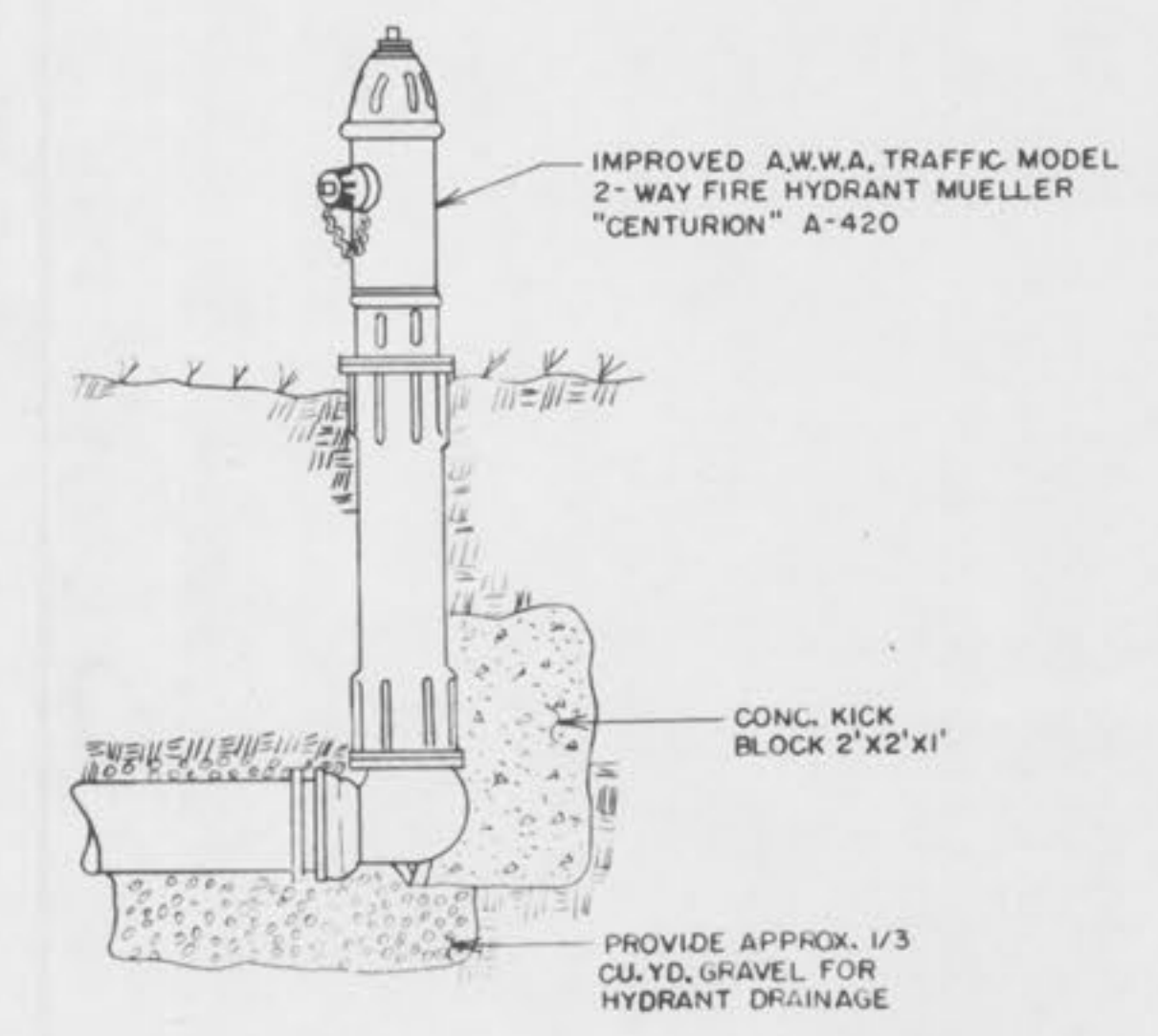


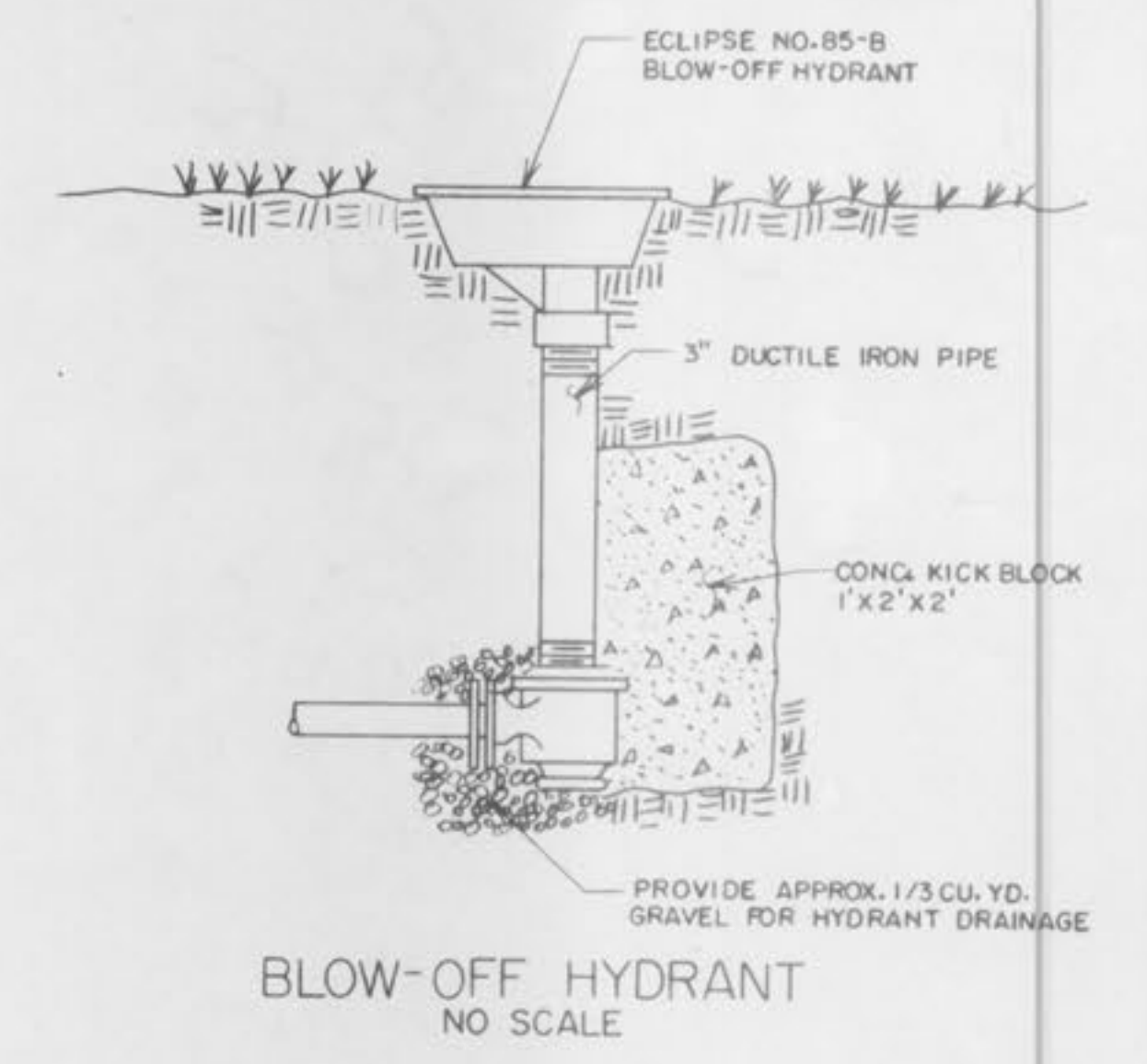
FIRE HYDRANT INSTALLATION DETAIL
NO SCALE



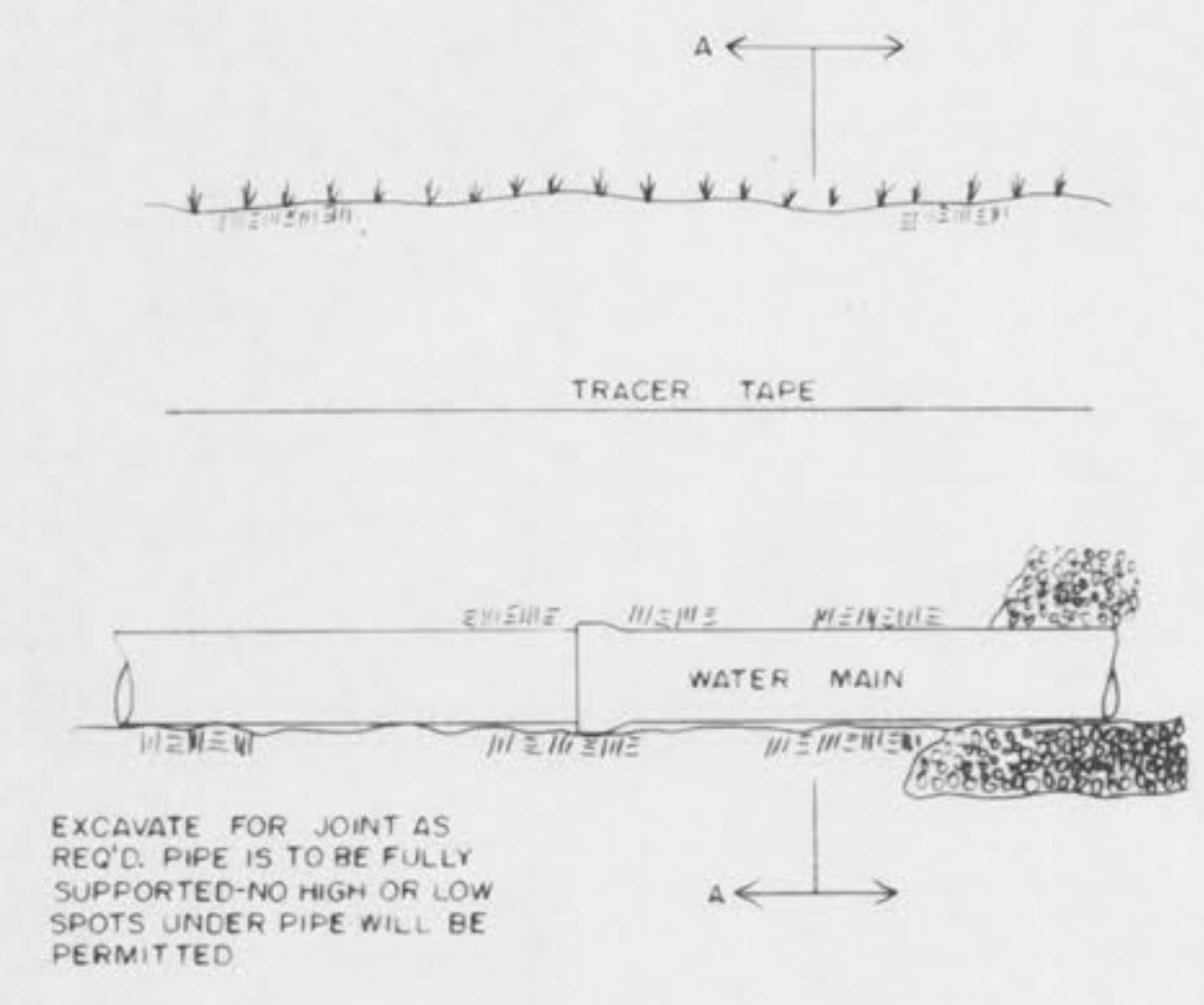
FLUSHING HYDRANT
NO SCALE



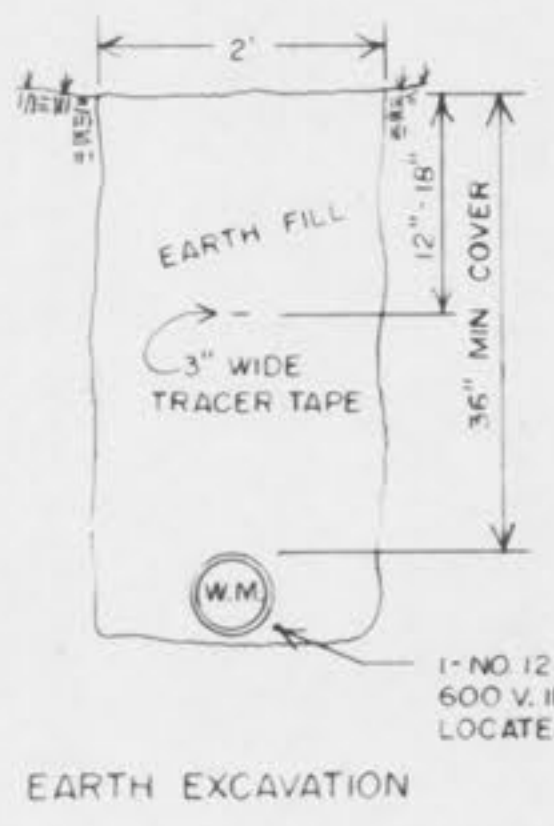
FIRE HYDRANT INSTALLATION DETAIL
NO SCALE



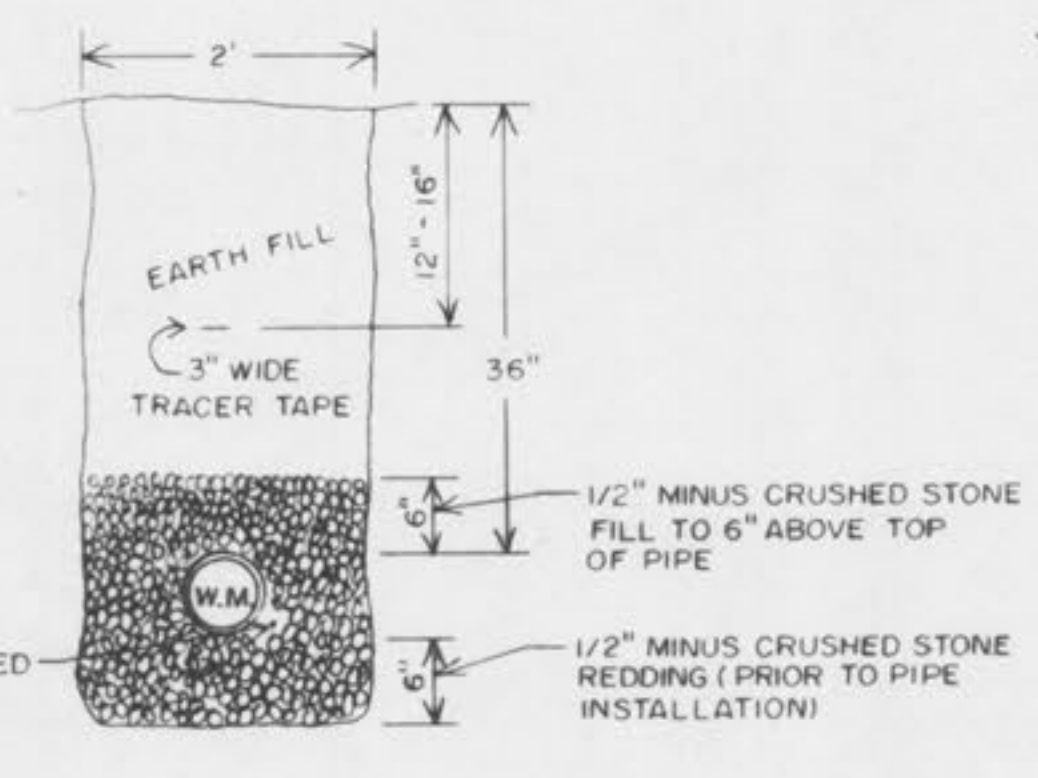
BLOW-OFF HYDRANT
NO SCALE



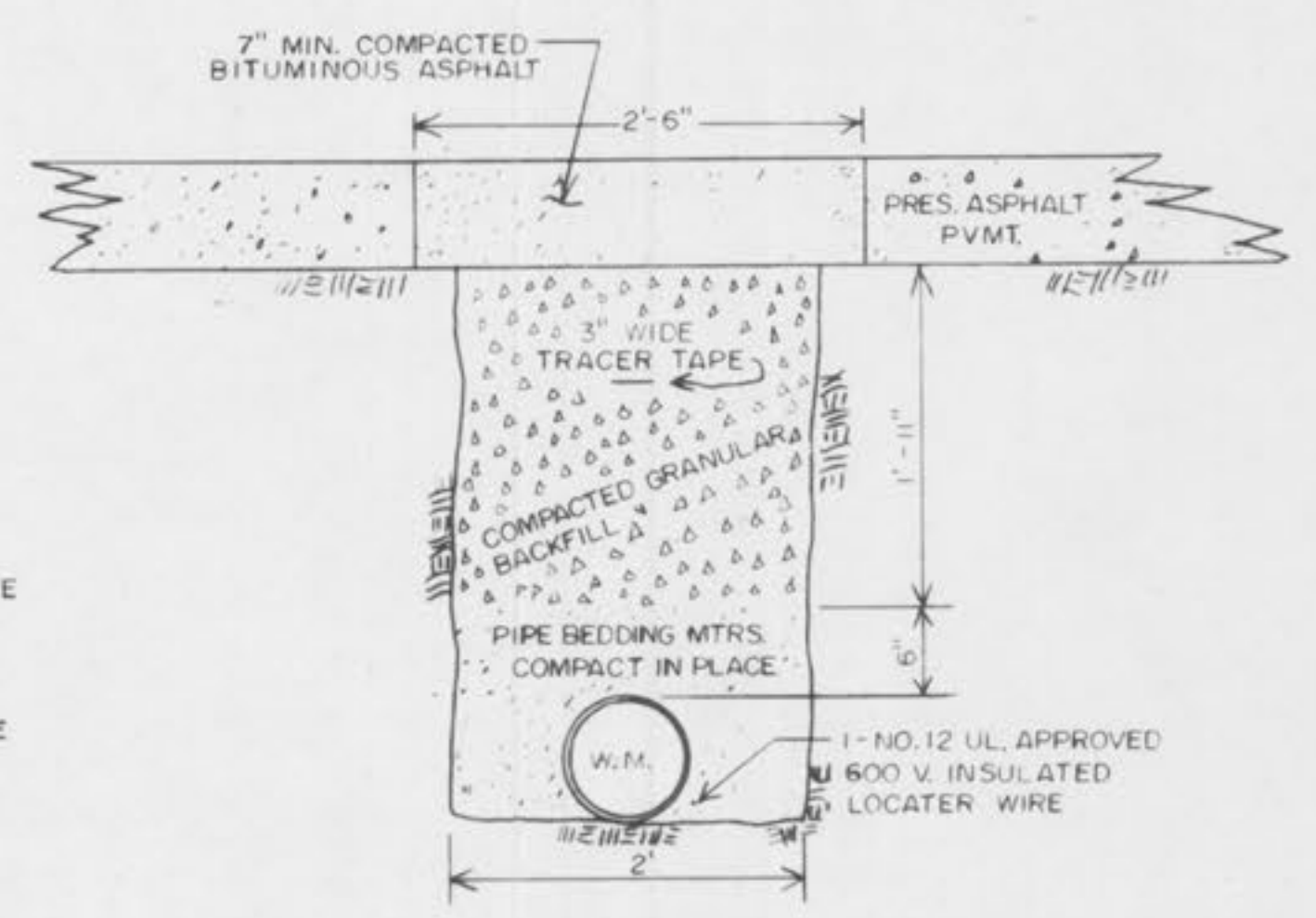
TYPICAL WATER MAIN TRENCHING DETAIL
NO SCALE



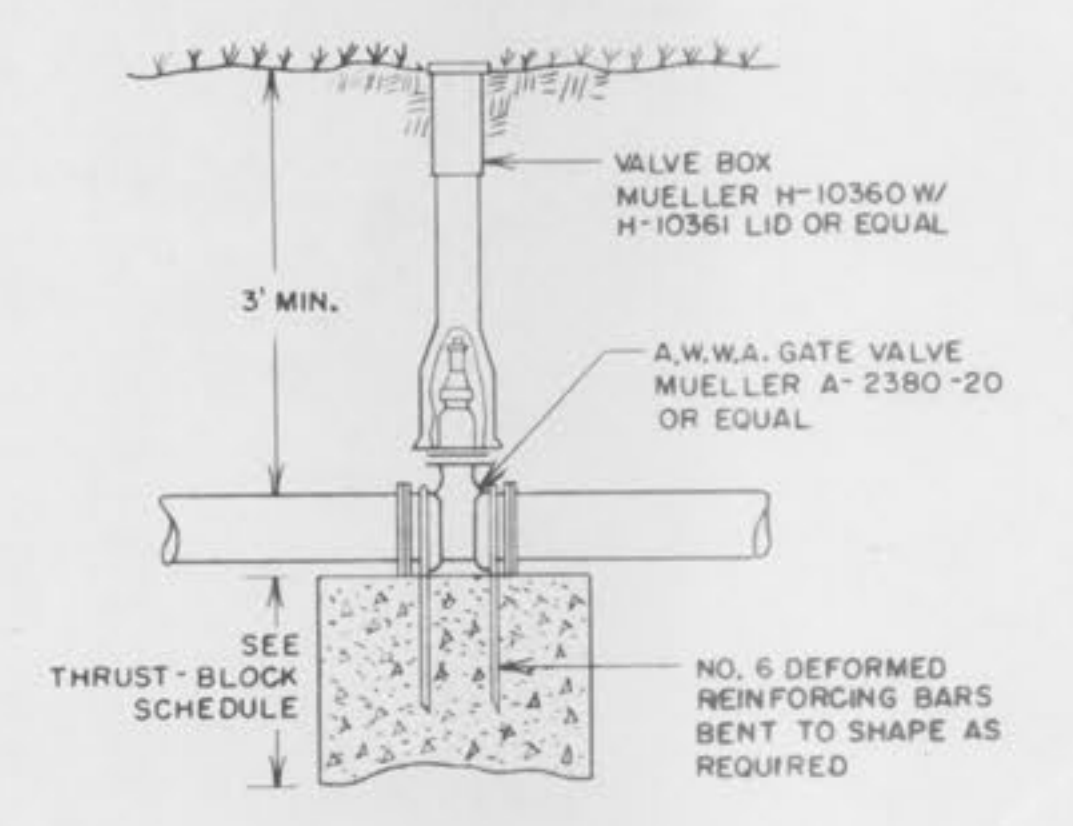
EARTH EXCAVATION



EXCAVATION THROUGH SOLID ROCK



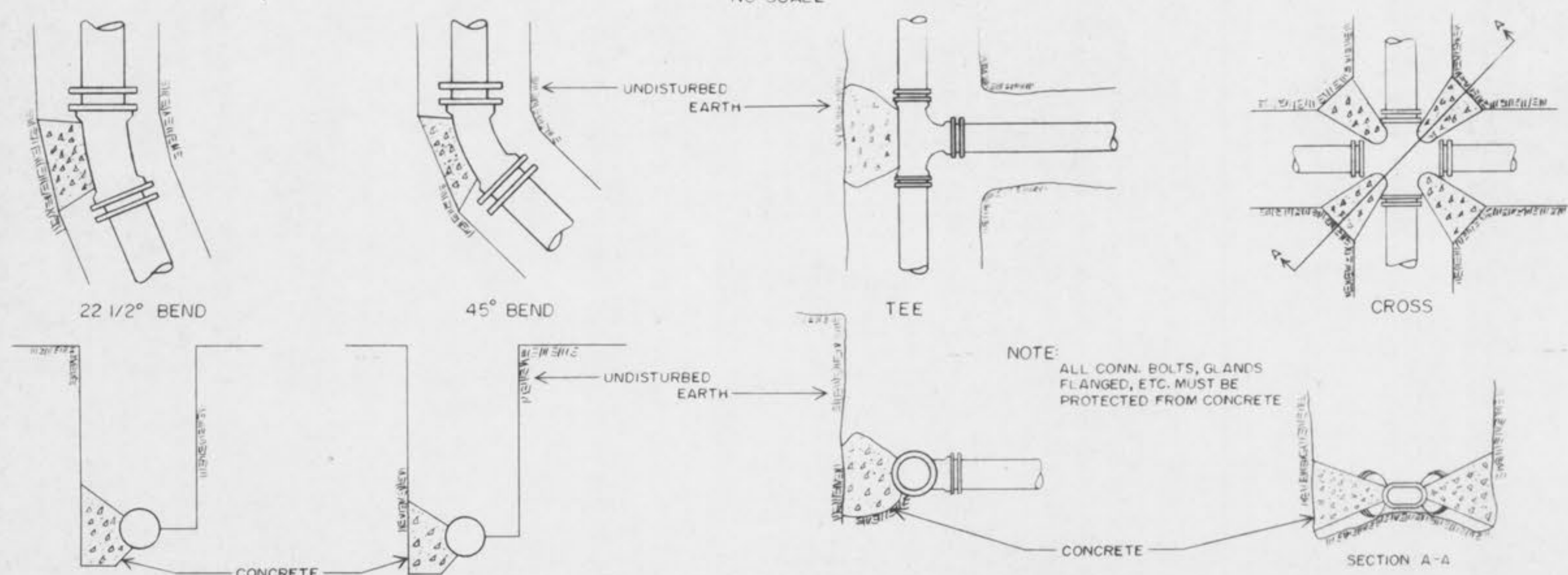
TYPICAL PAVED STREET OR ROAD TRENCH BACKFILL & SURFACE REPLACEMENT DETAIL
SCALE: 1" = 1'-0"



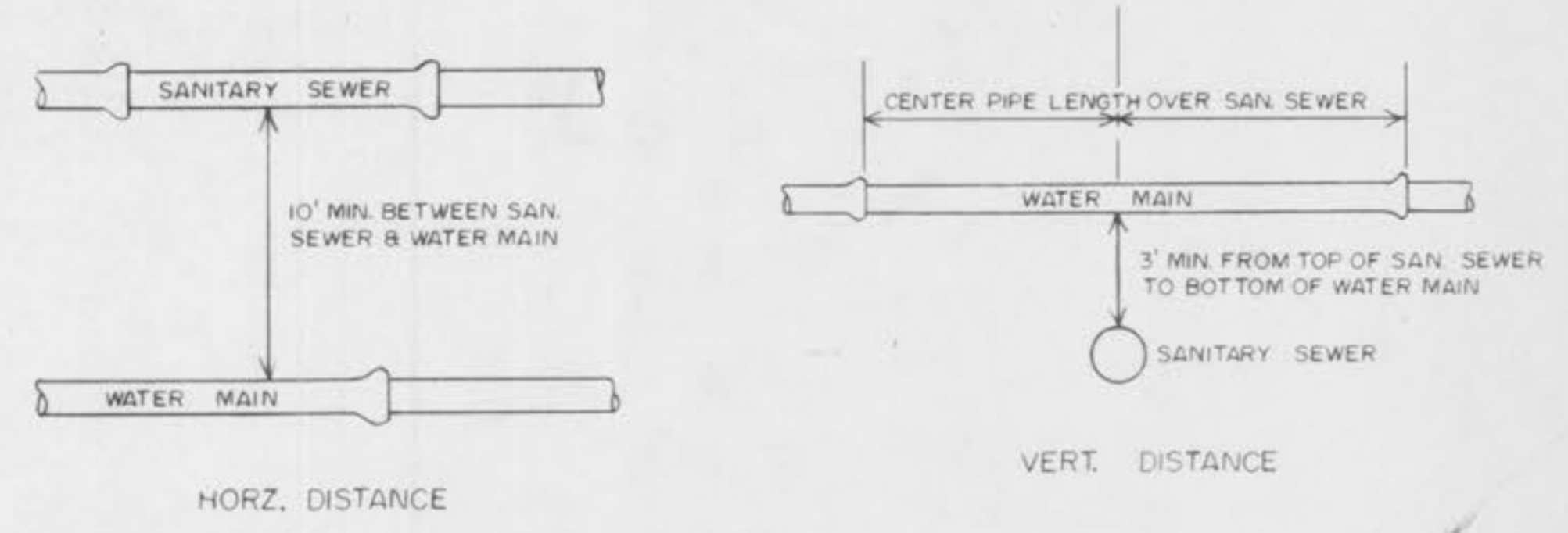
GATE VALVE W/ THRUST-BLOCK DETAIL
NO SCALE

MAIN SIZE	MIN. THRUSTBLOCK BEARING DIMENSIONS TO BEAR AGAINST UNDISTURBED EARTH				
	45° BEND	22 1/2° BEND	TEE	VALVE	CROSS
2"	5'x1'	5'x1'	5'x1'	5'x1'	5'x1'
4"	1'x1'	1'x1'	2'x1'	2'x1'	1'x1'
6"	1.5'x1'	1'x1'	2'x1'	2'x1'	1'x1'
8"	2'x1'	1'x1'	2'x2.5'	2'x2'	1'x1.5'
10"	2'x2.5'	1.5'x2'	2'x3.5'	2'x3'	2'x2'

THRUST-BLOCK SCHEDULE



TYPICAL THRUST-BLOCK DETAIL



TYPICAL WATER & SEWER SEPARATION
NO SCALE