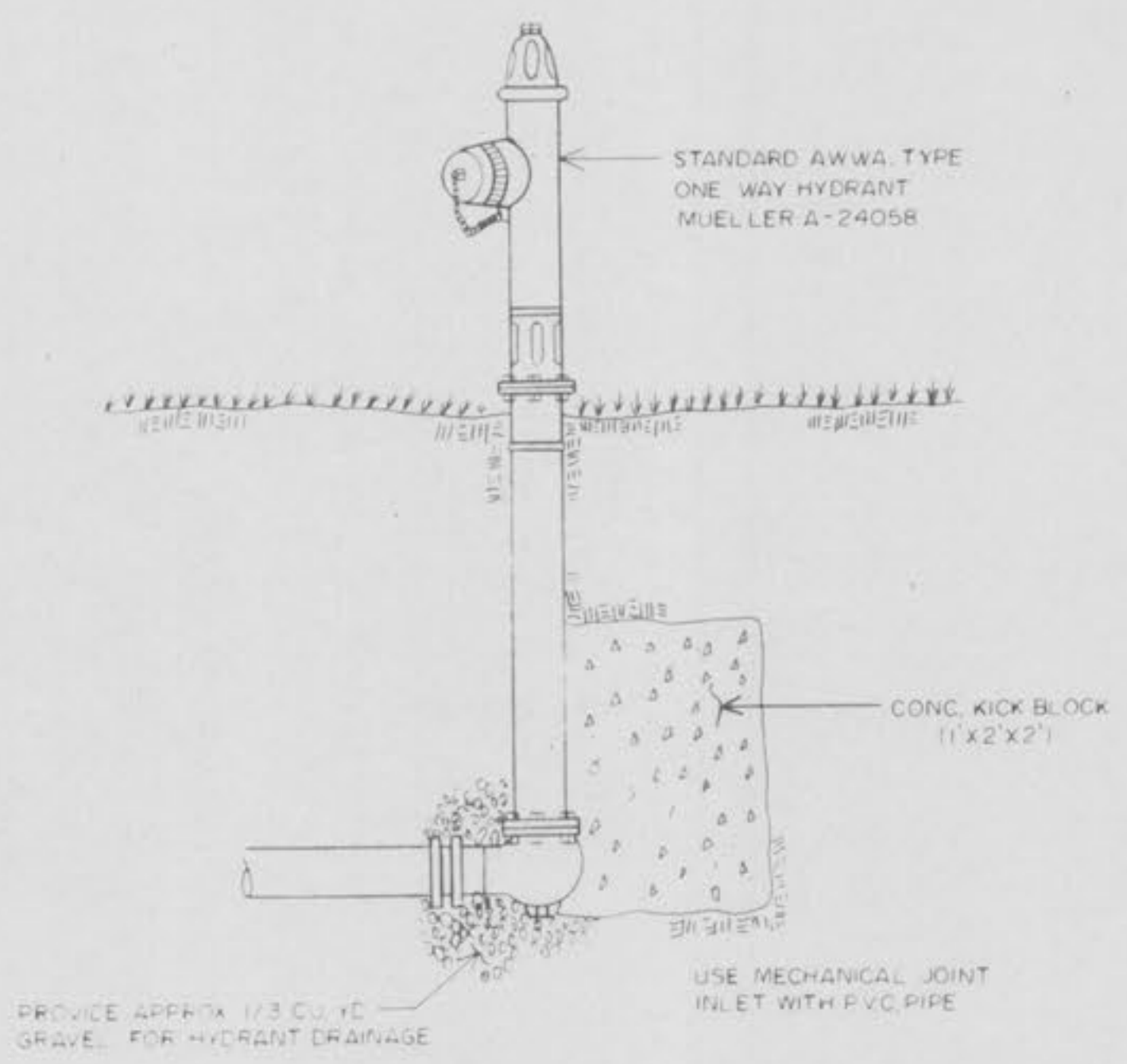
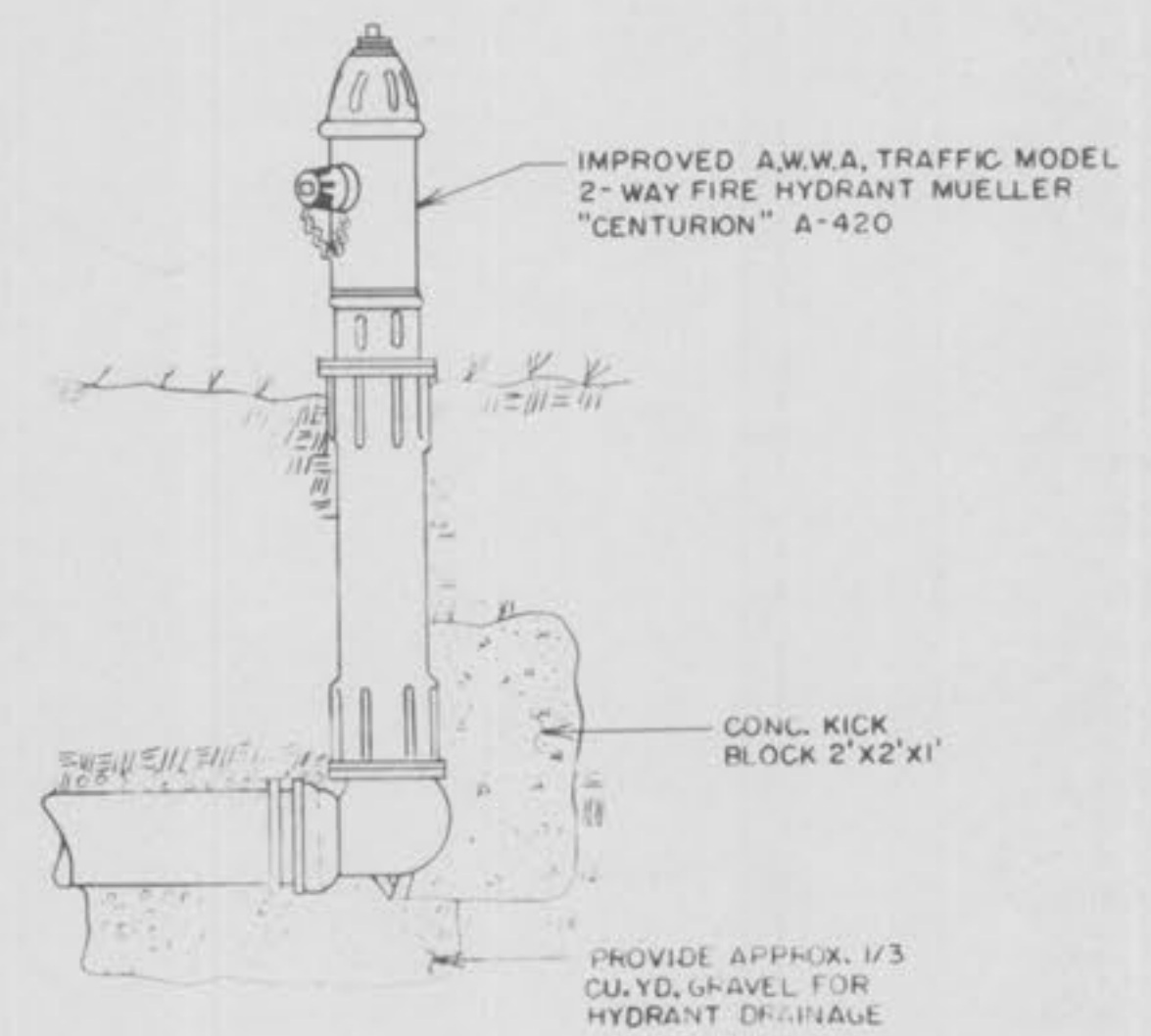


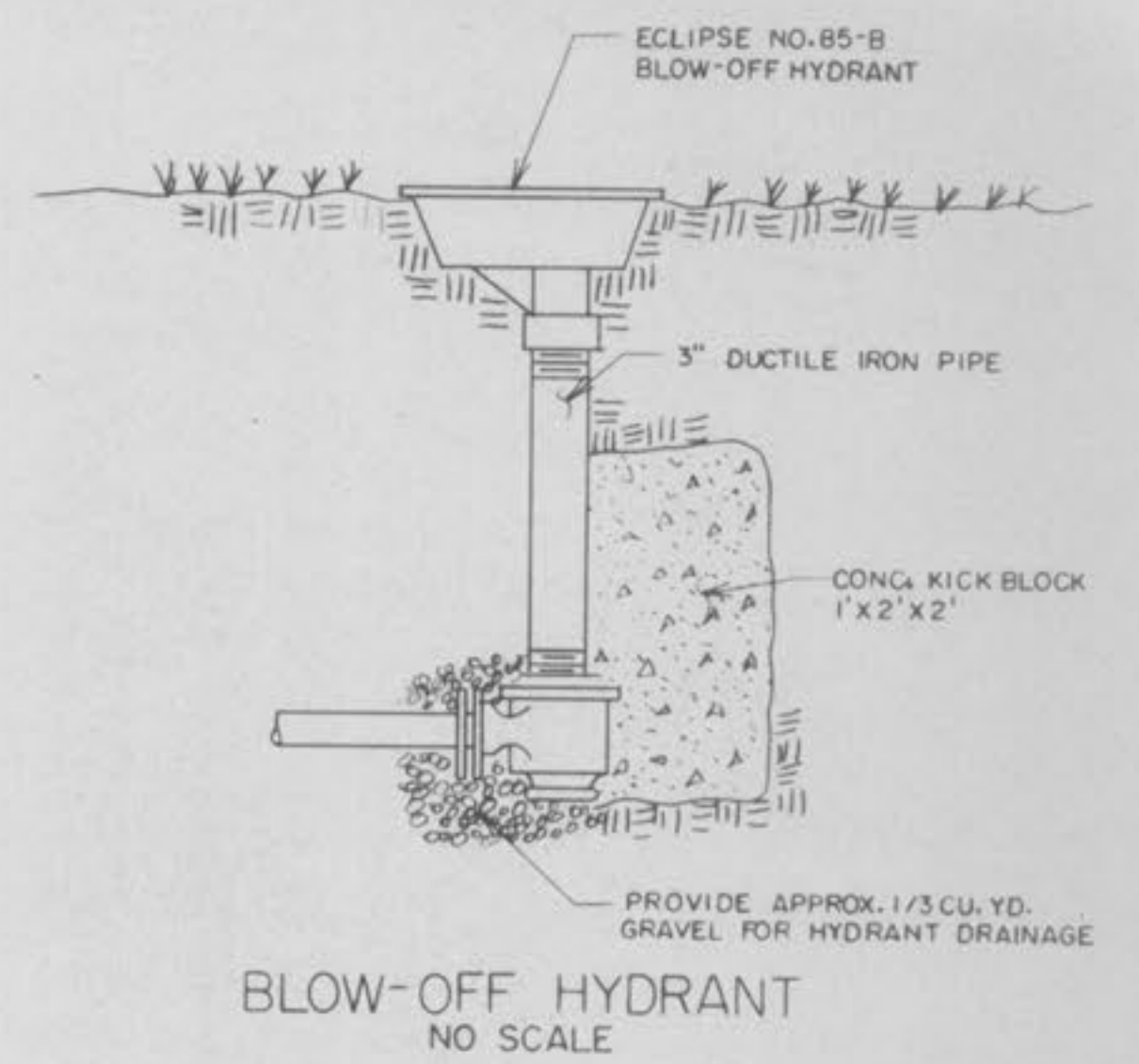
FIRE HYDRANT INSTALLATION DETAIL
 NO SCALE



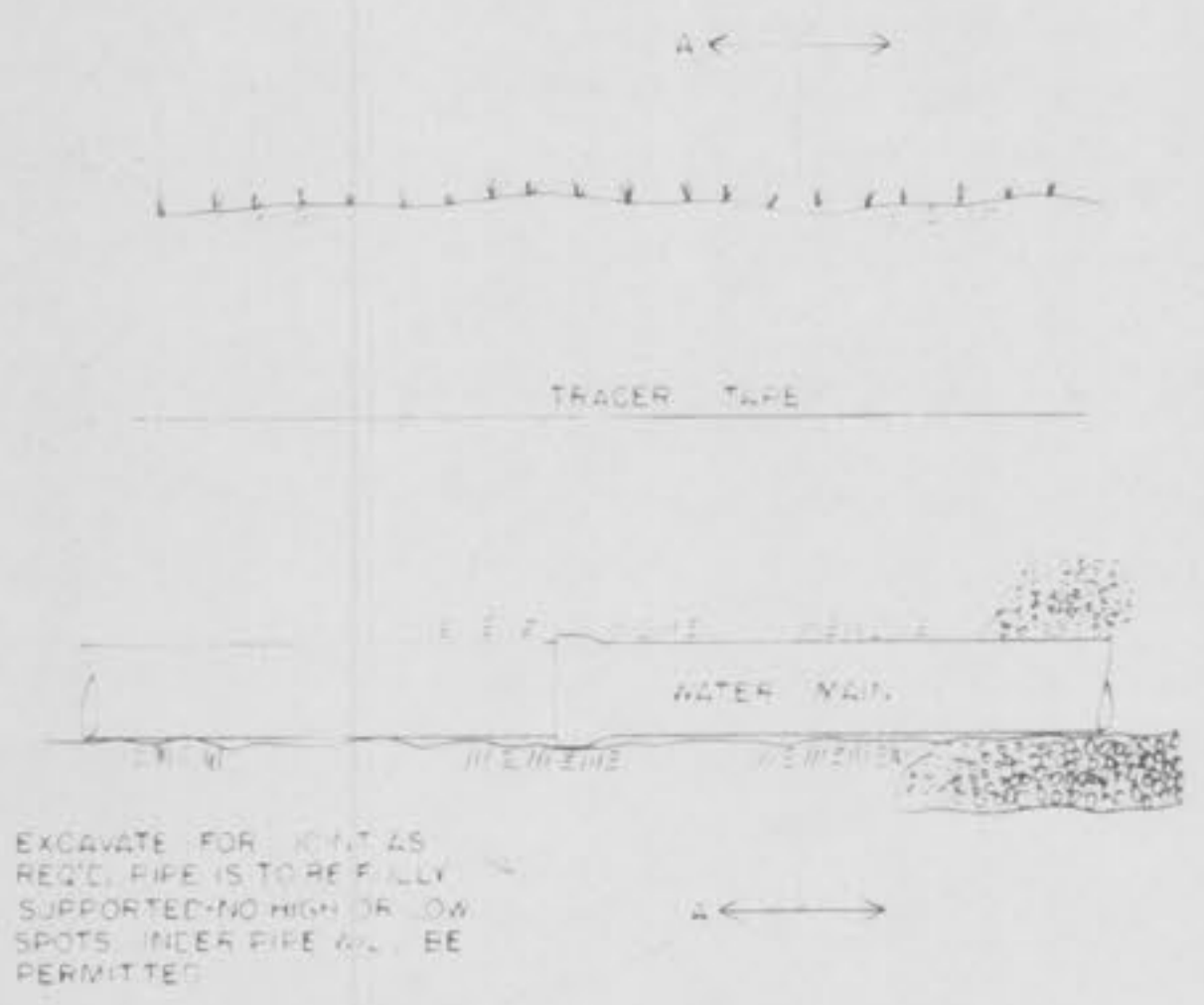
FLUSHING HYDRANT
 NO SCALE



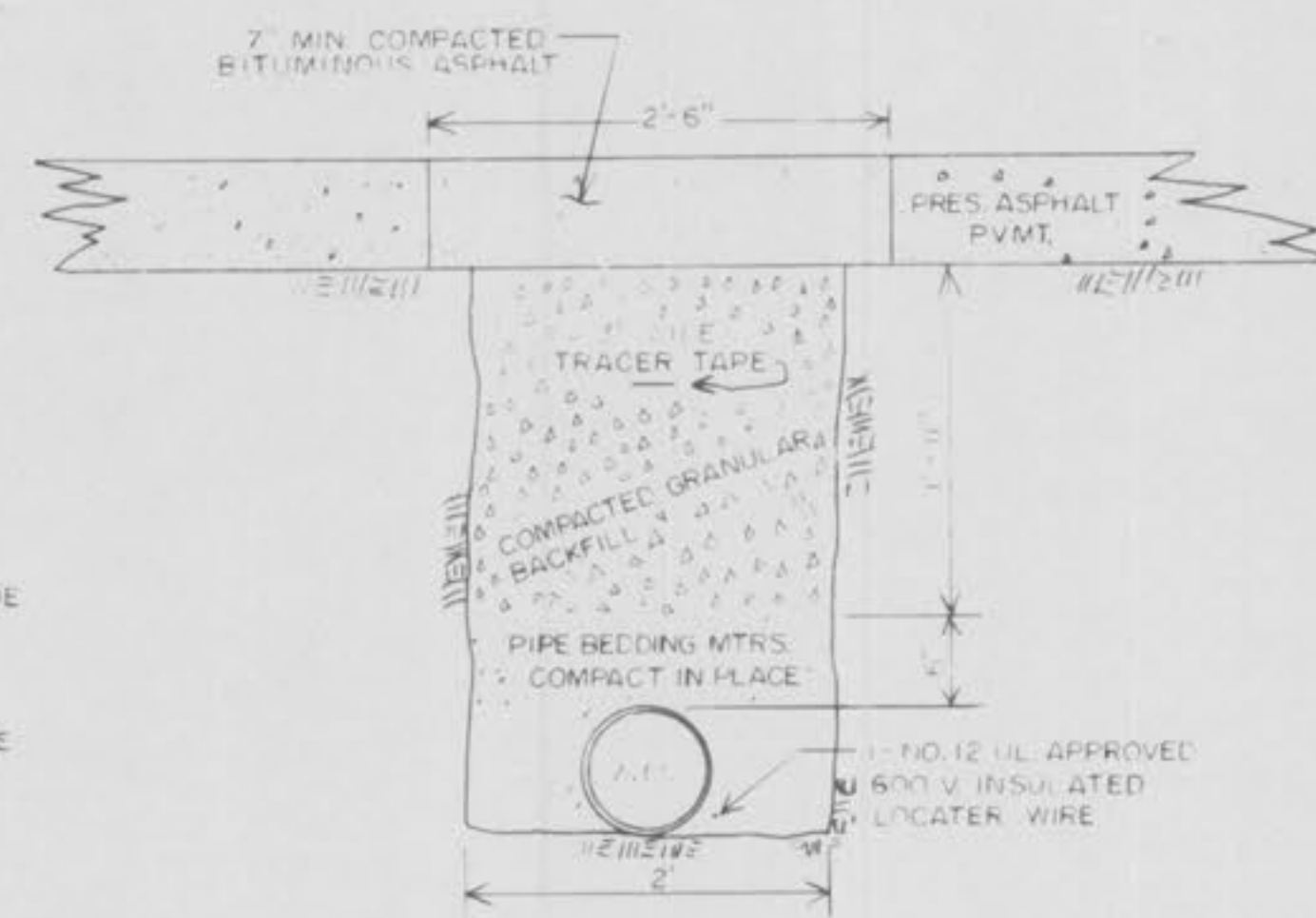
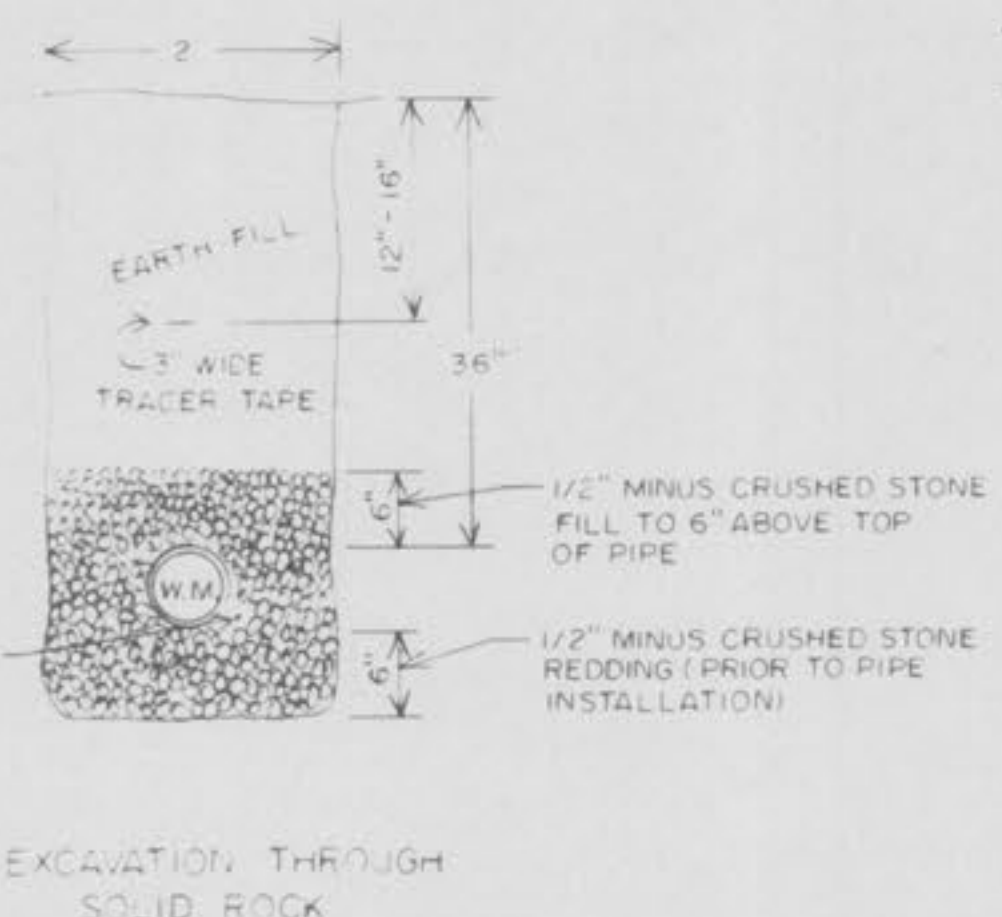
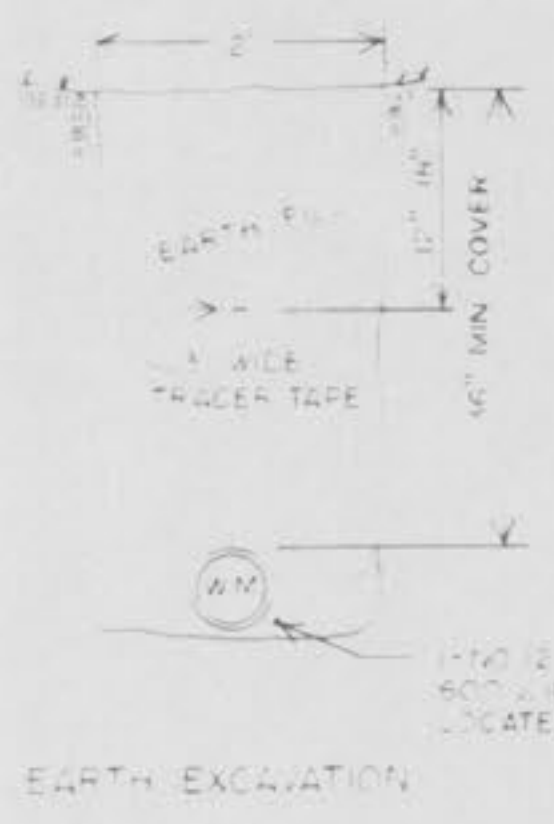
FIRE HYDRANT INSTALLATION DETAIL
 NO SCALE



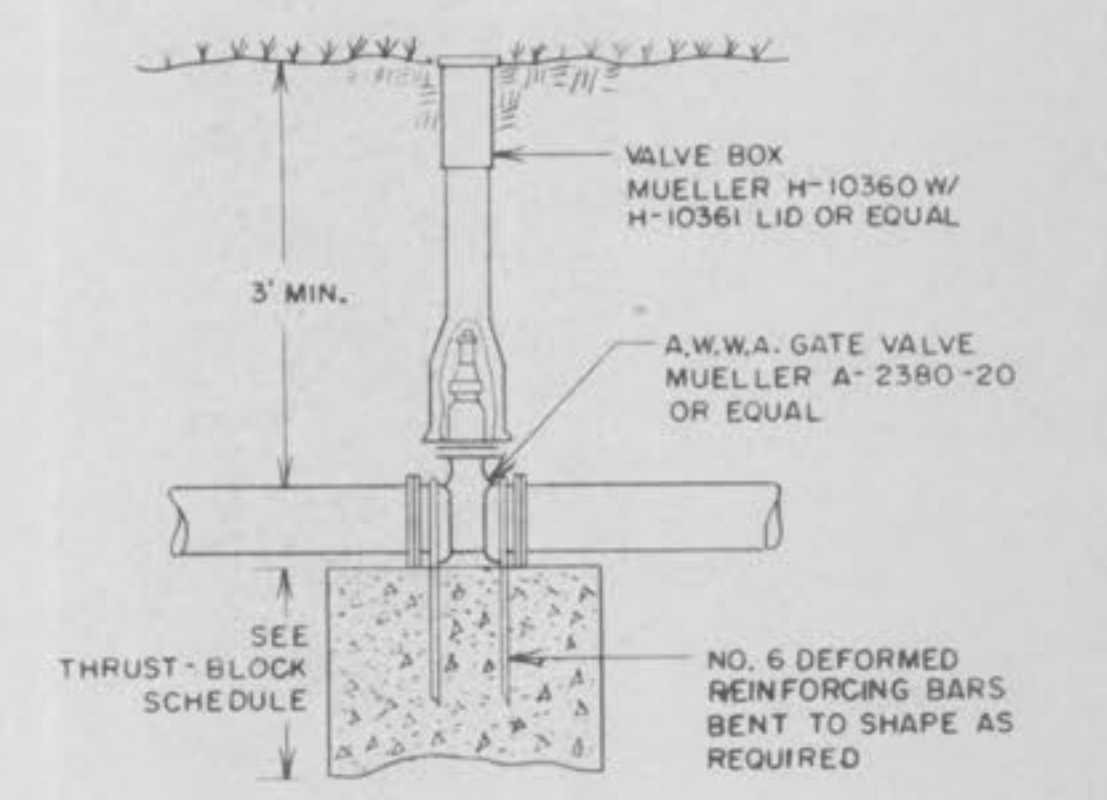
BLOW-OFF HYDRANT
 NO SCALE



TYPICAL WATER MAIN TRENCHING DETAIL
 NO SCALE



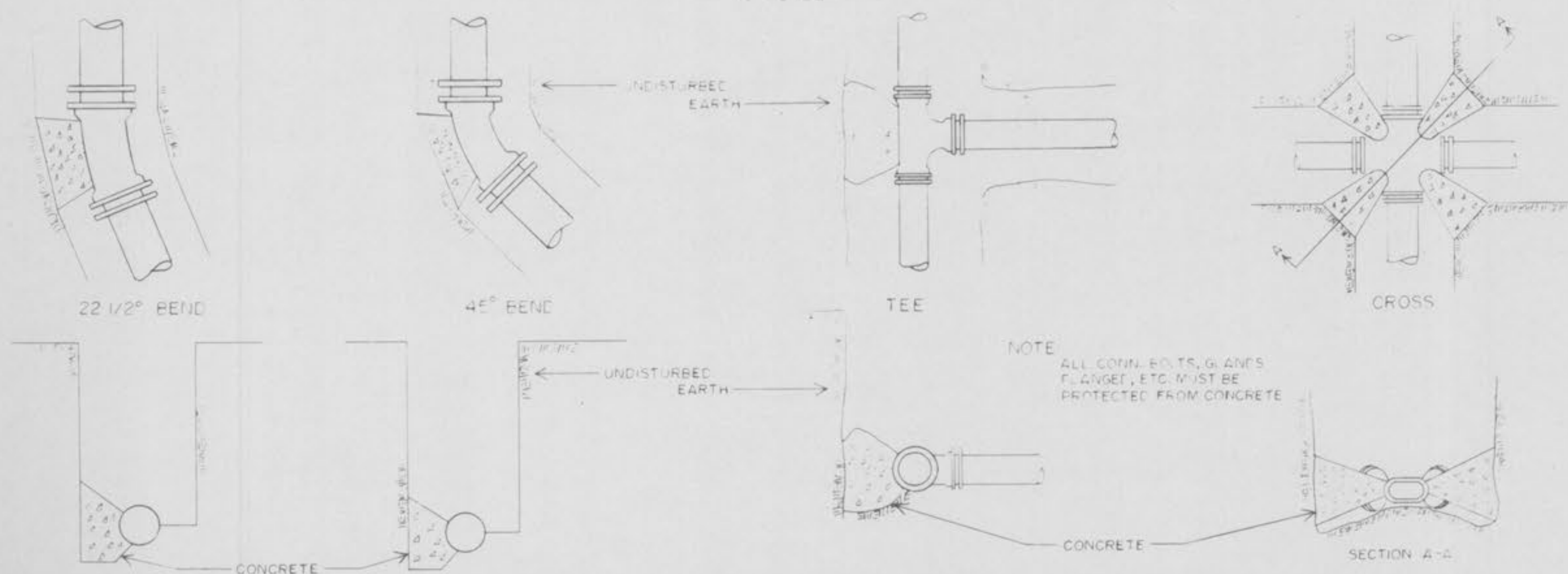
TYPICAL PAVED STREET OR ROAD TRENCH BACKFILL & SURFACE REPLACEMENT DETAIL
 SCALE: 1"=1'-0"



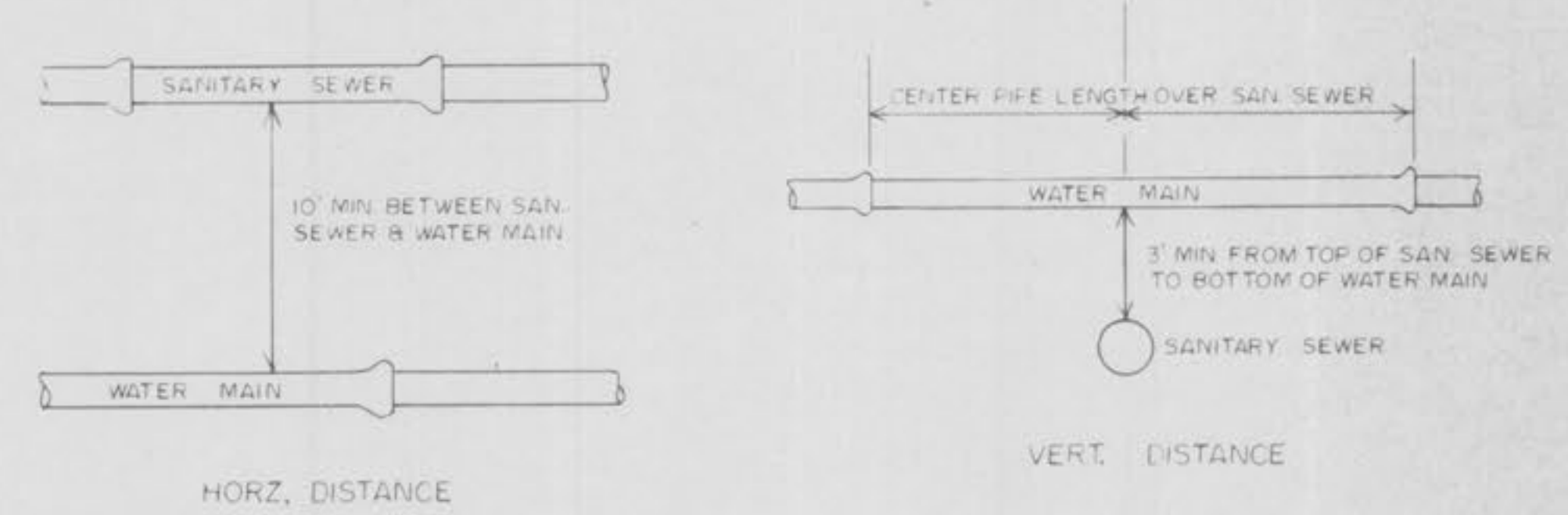
GATE VALVE W/ THRUST-BLOCK DETAIL
 NO SCALE

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