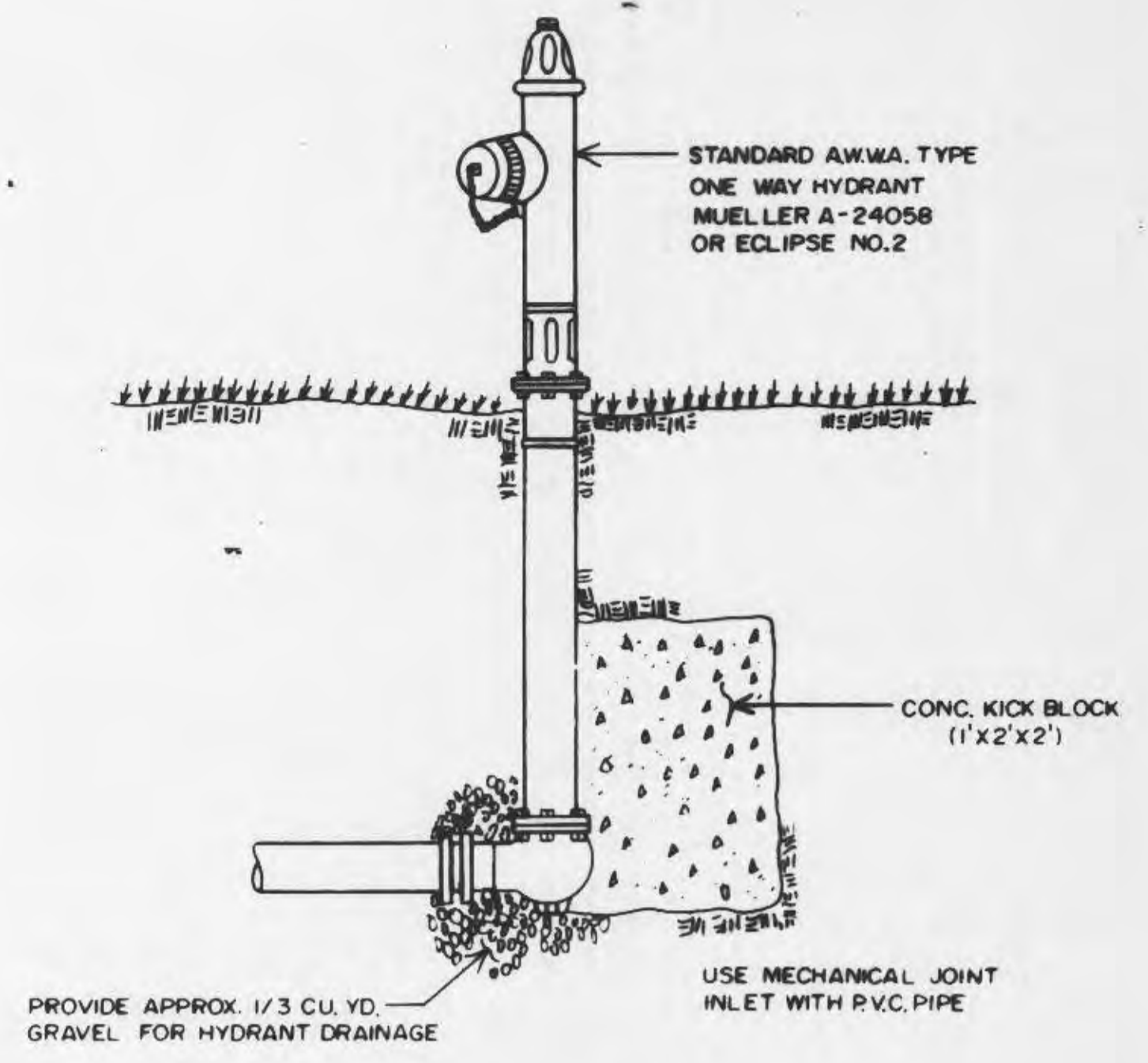
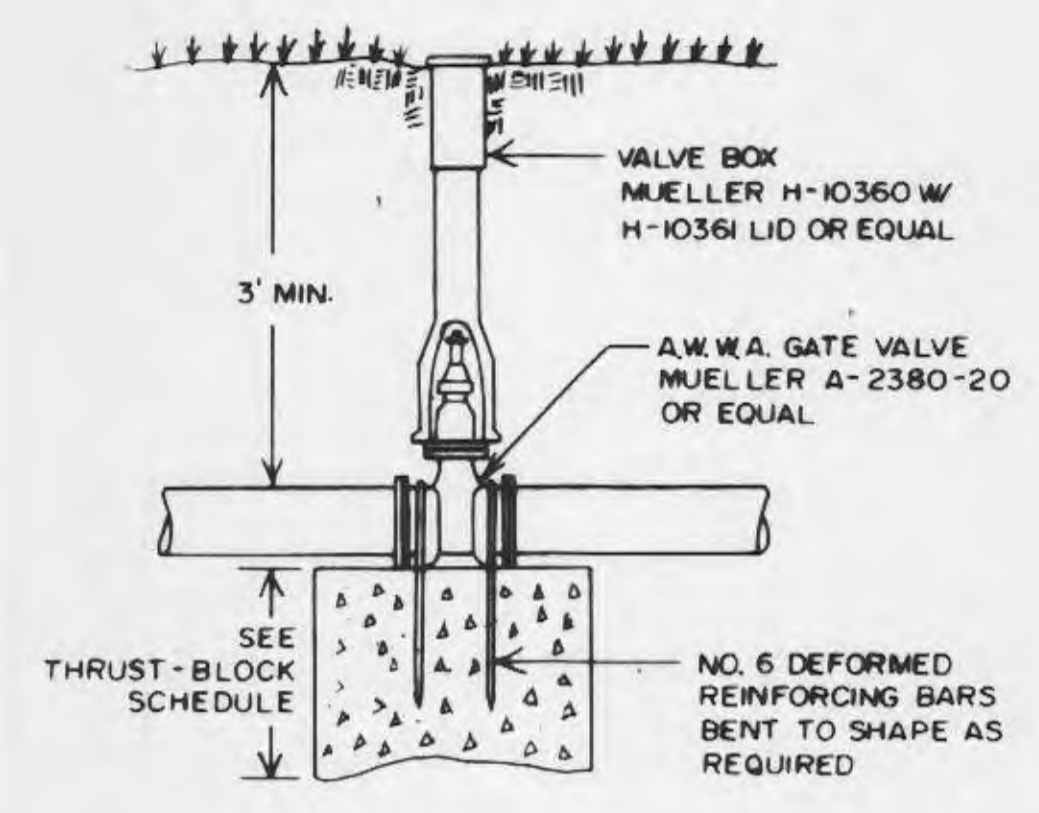


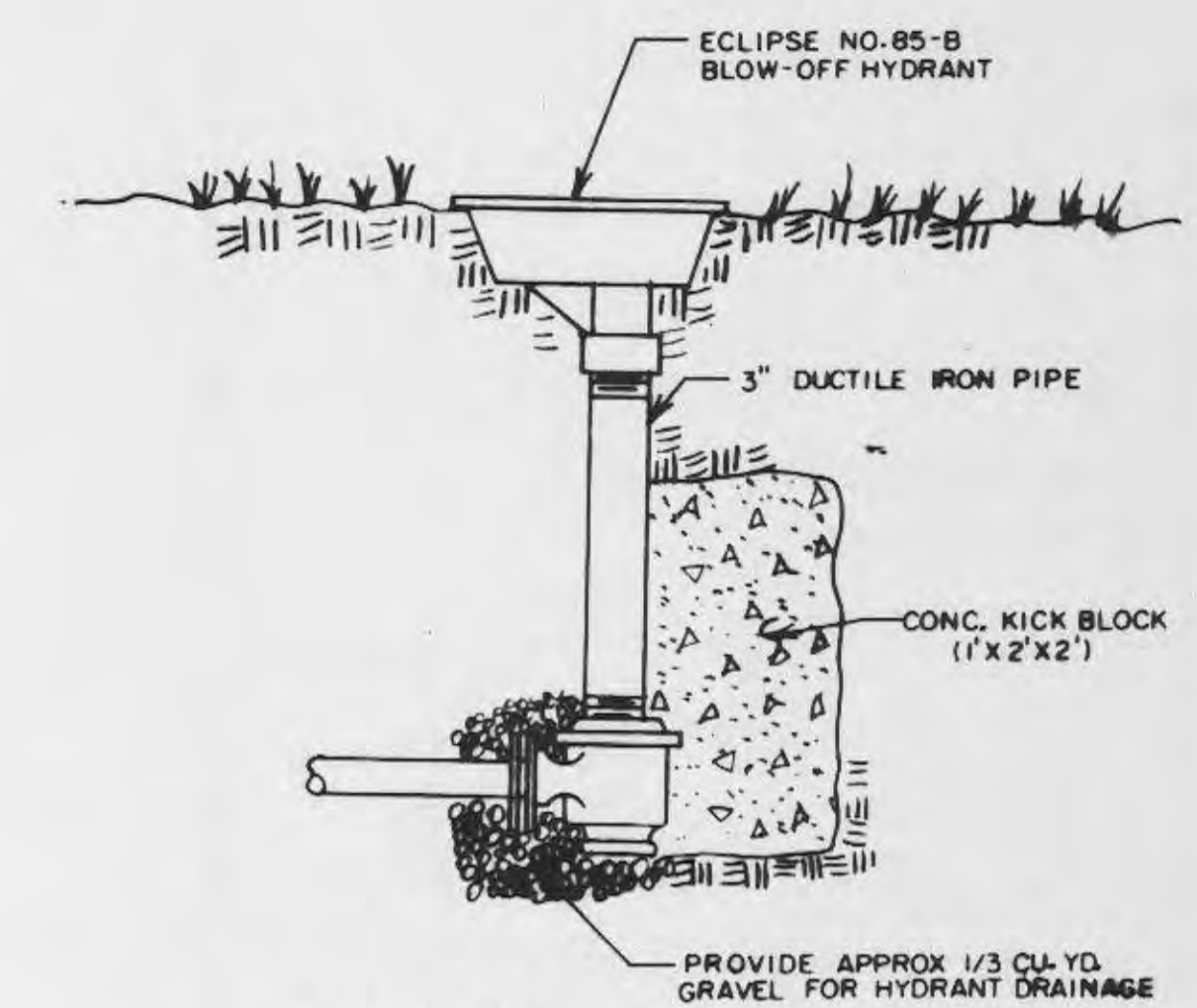
FIRE HYDRANT INSTALLATION DETAIL
 NO SCALE



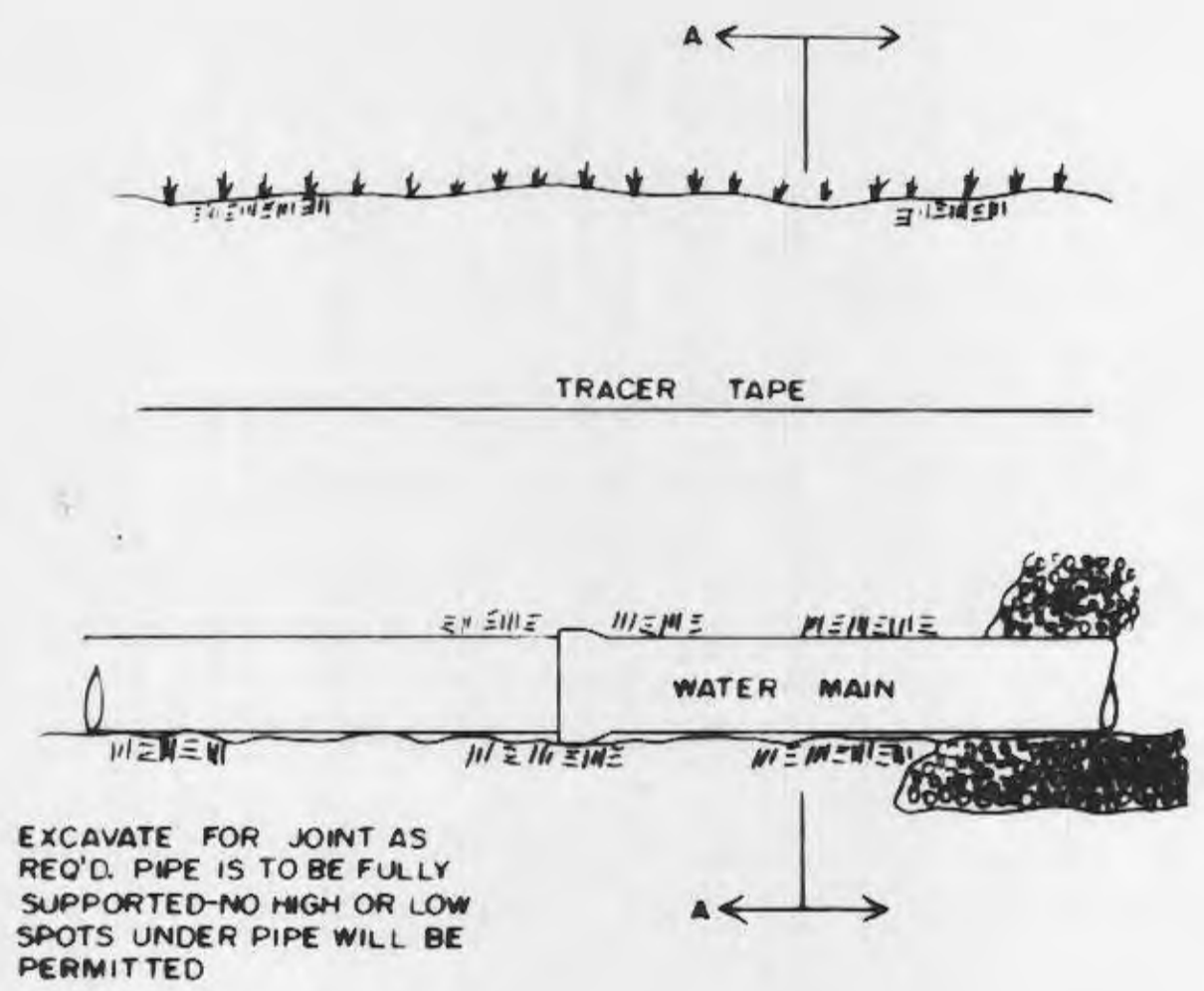
FLUSHING HYDRANT
 NO SCALE



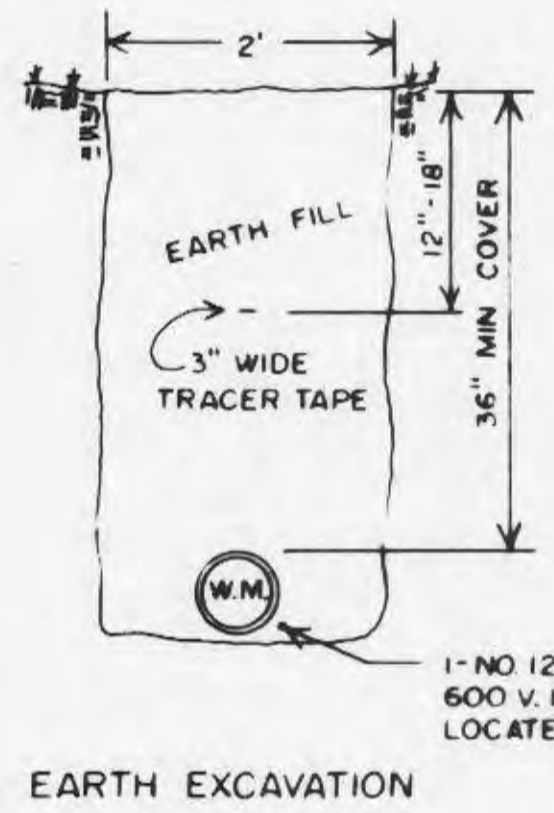
GATE VALVE W/ THRUST-BLOCK DETAIL
 NO SCALE



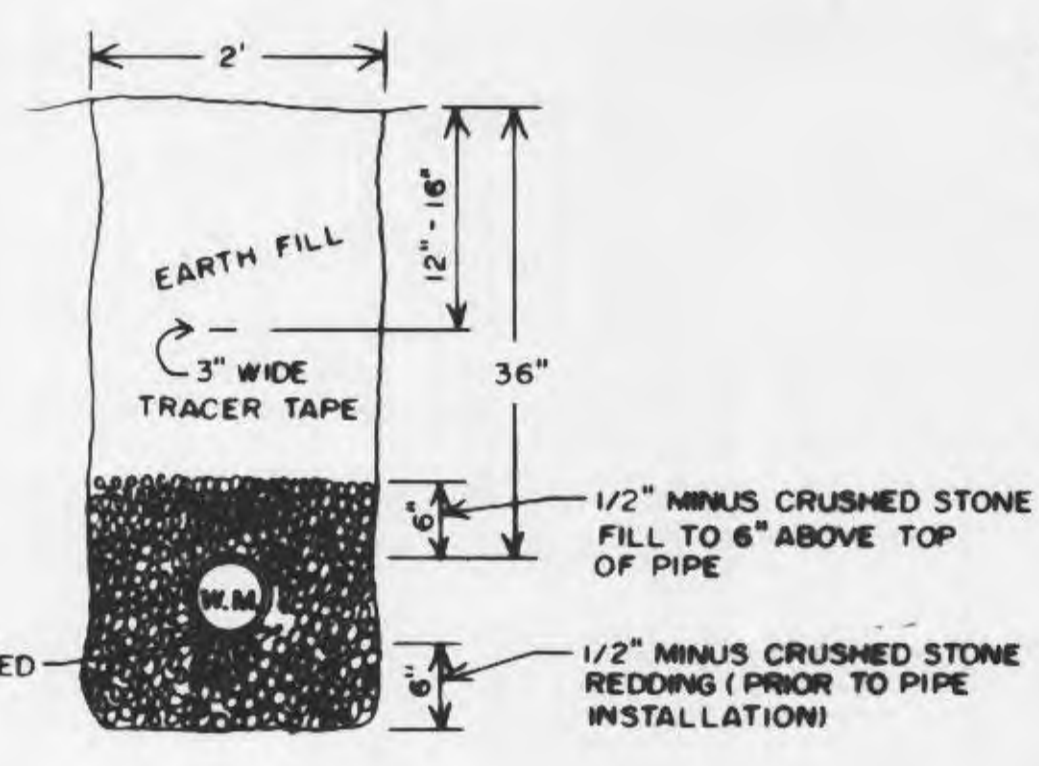
BLOW-OFF HYDRANT
 NO SCALE



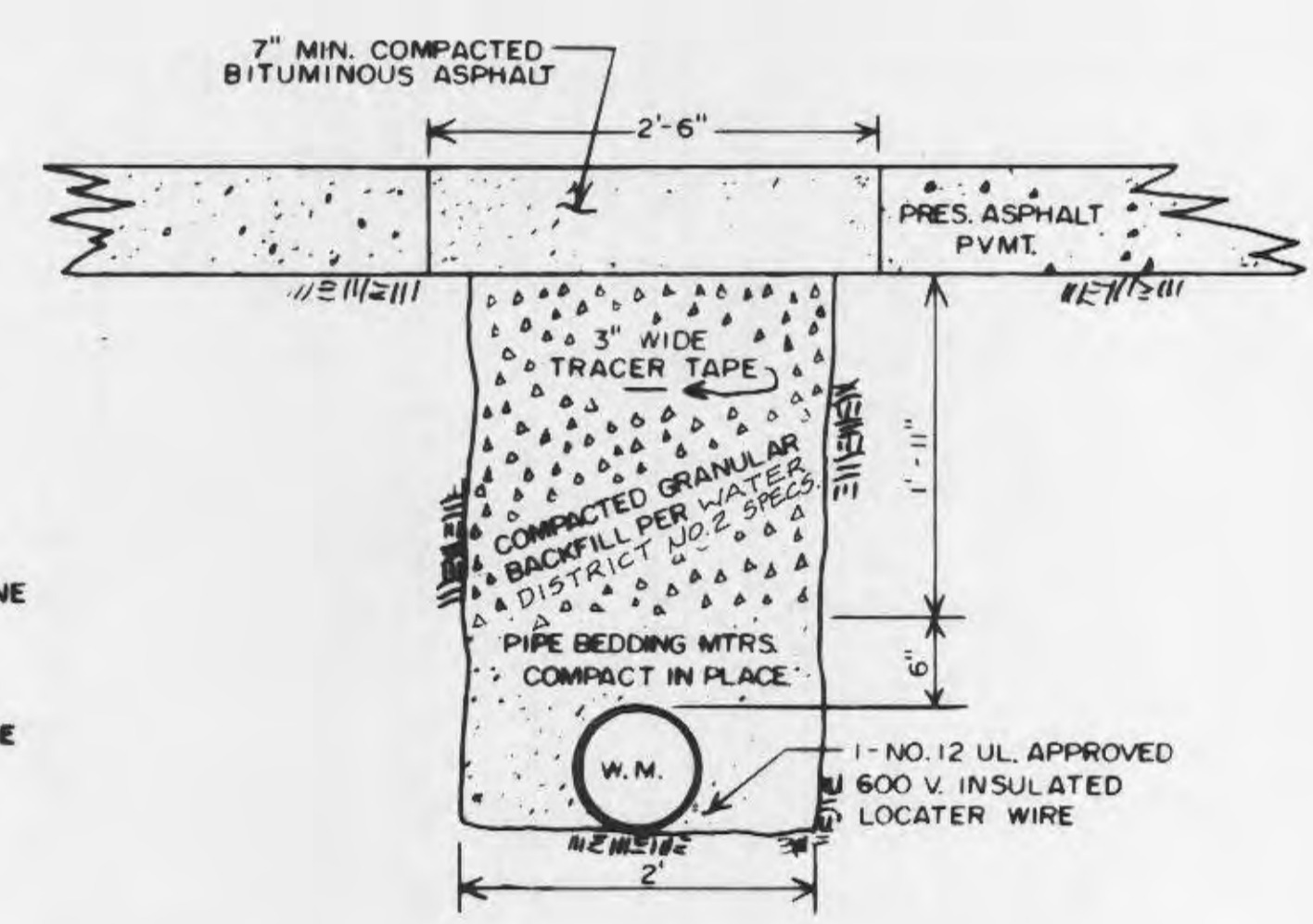
TYPICAL WATER MAIN TRENCHING DETAIL
 NO SCALE



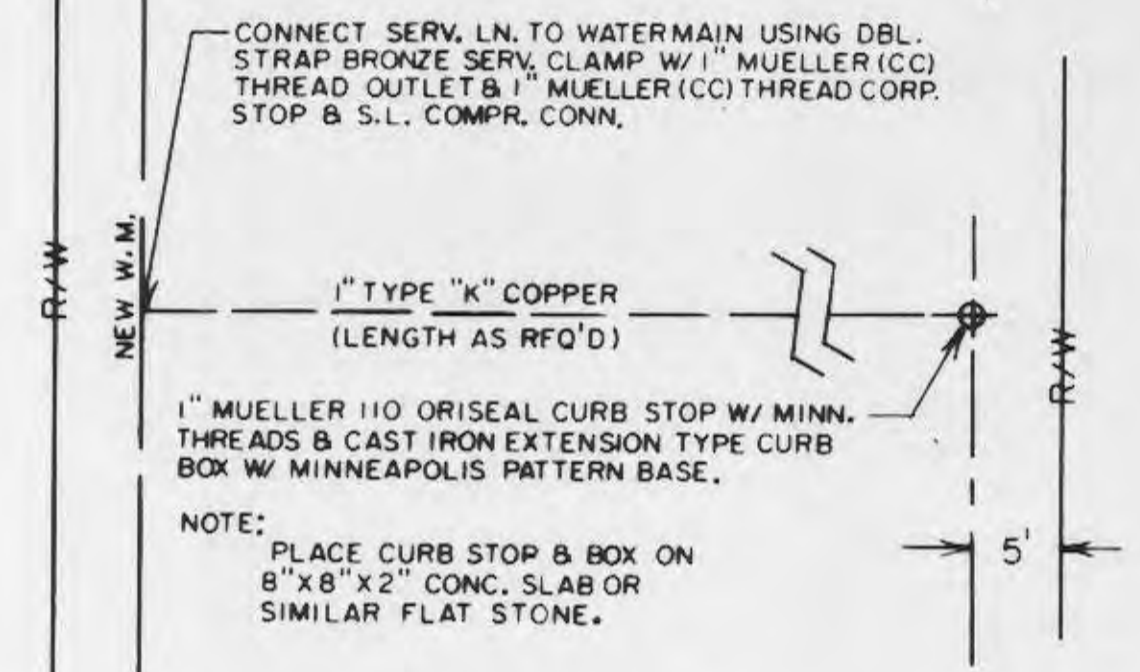
EARTH EXCAVATION



EXCAVATION THROUGH SOLID ROCK



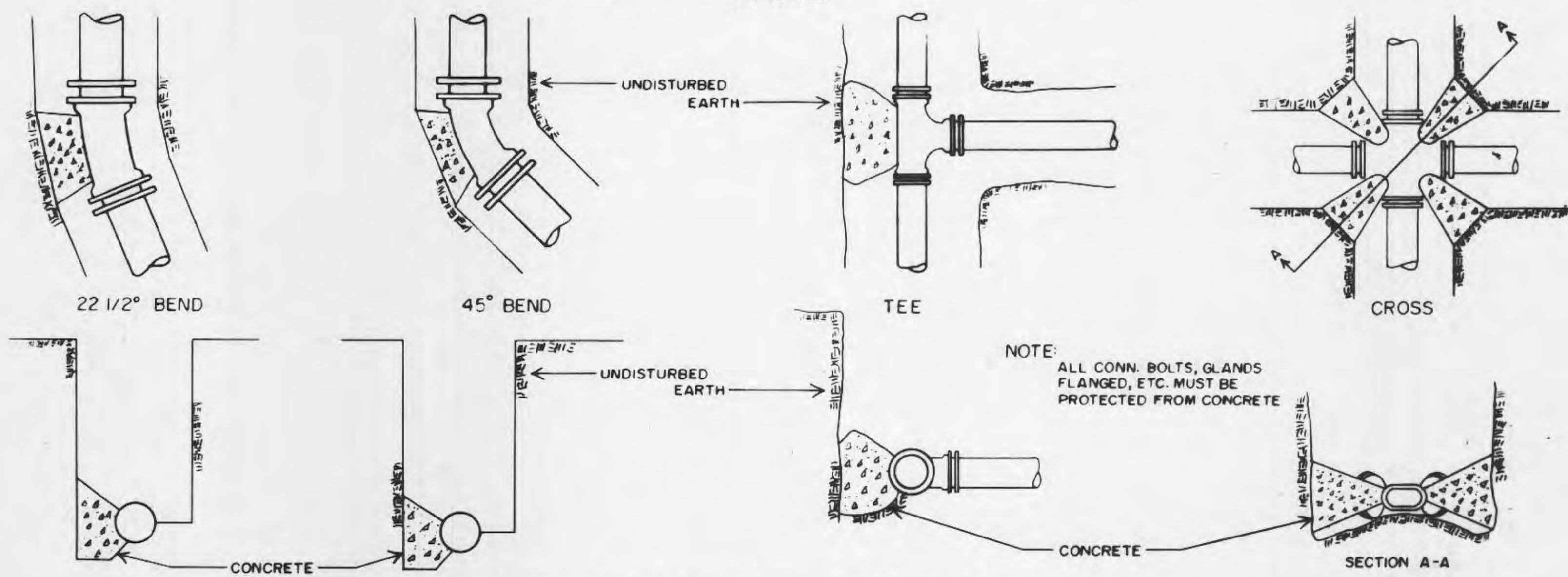
TYPICAL PAVED STREET OR ROAD TRENCH BACKFILL & SURFACE REPLACEMENT DETAIL
 SCALE: 1" = 1'-0"



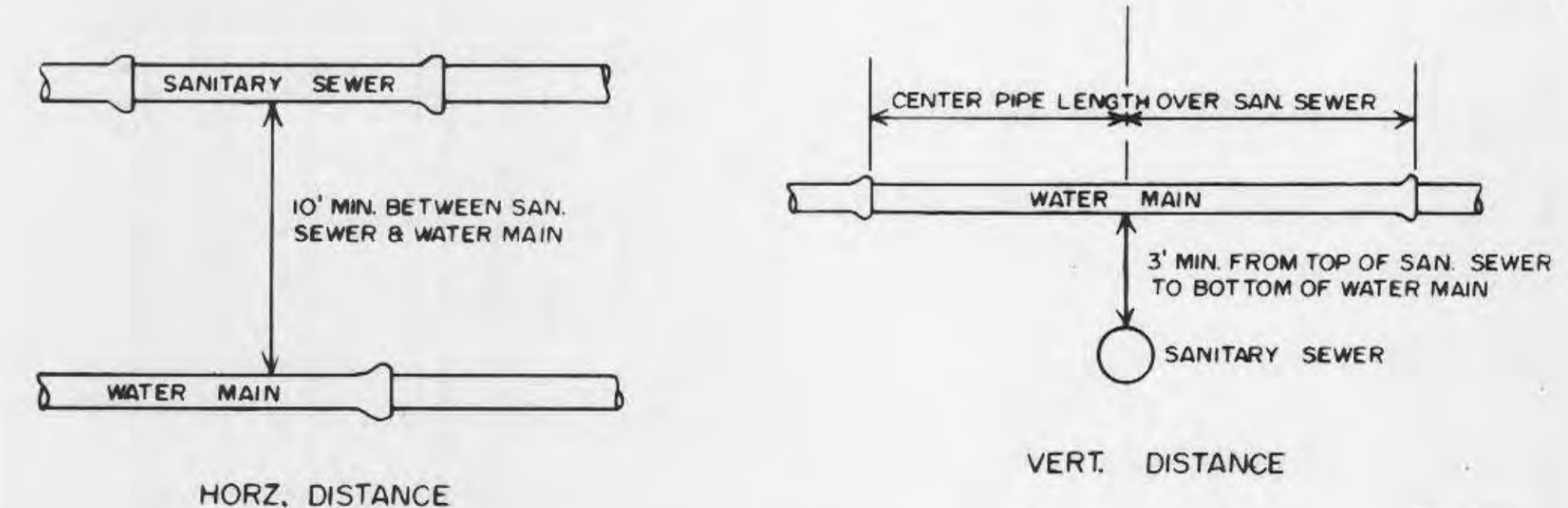
TYPICAL SERVICE CONNECTION INSTALLATION TO OPPOSITE SIDE OF STREET
 SCALE: 1" = 10'-0"

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
 NO SCALE



TYPICAL WATER & SEWER SEPARATION
 NO SCALE

ST CHARLES COUNTY
 PUBLIC WATER SUPPLY DISTRICT
 NO. 2

APPROVED: _____

TYPICAL INSTALLATION DETAILS

DATE	SCALE	SHEET NO.	REVISIONS
AS SHOWN			

VILLAGE - D

15/19