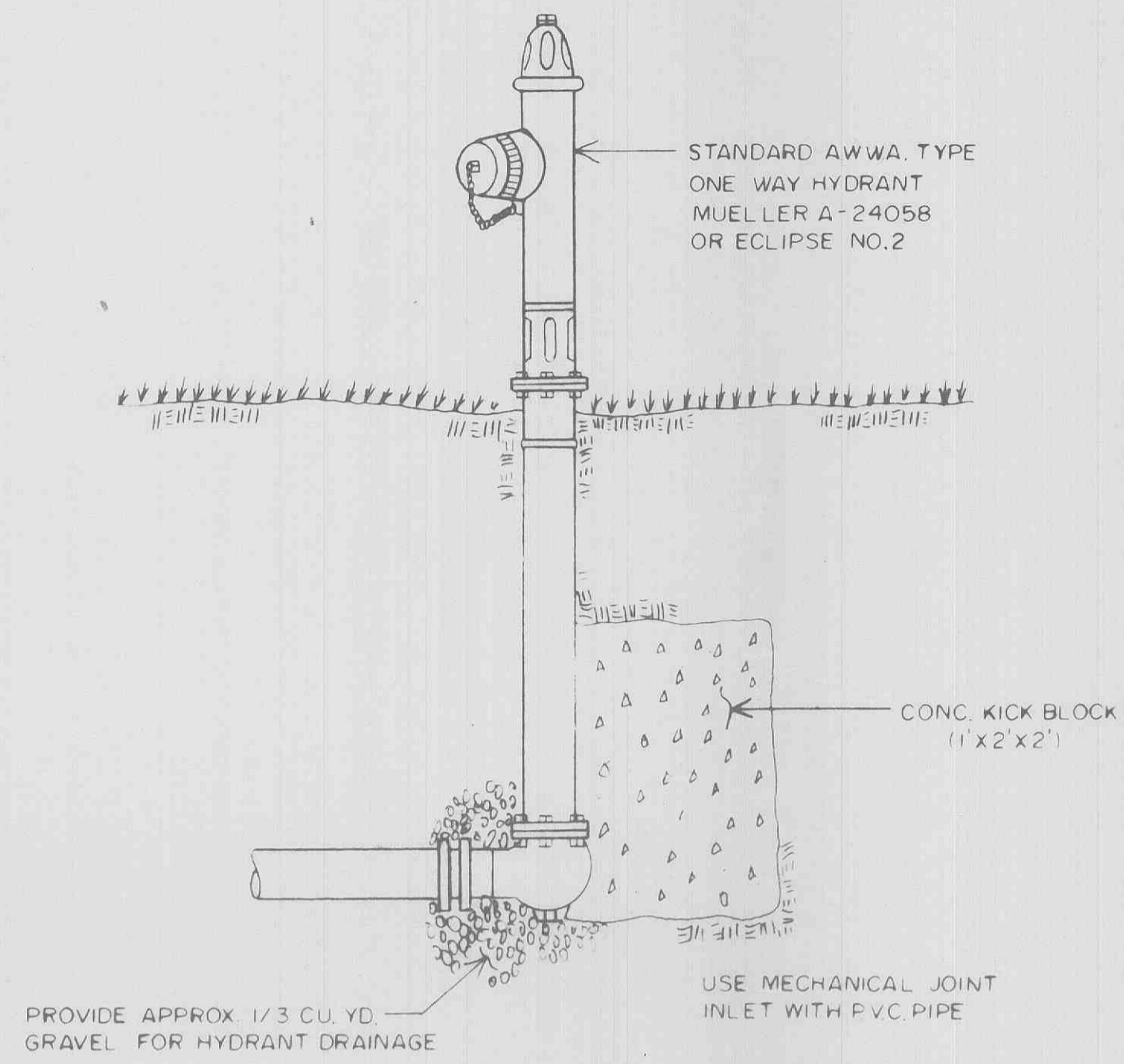
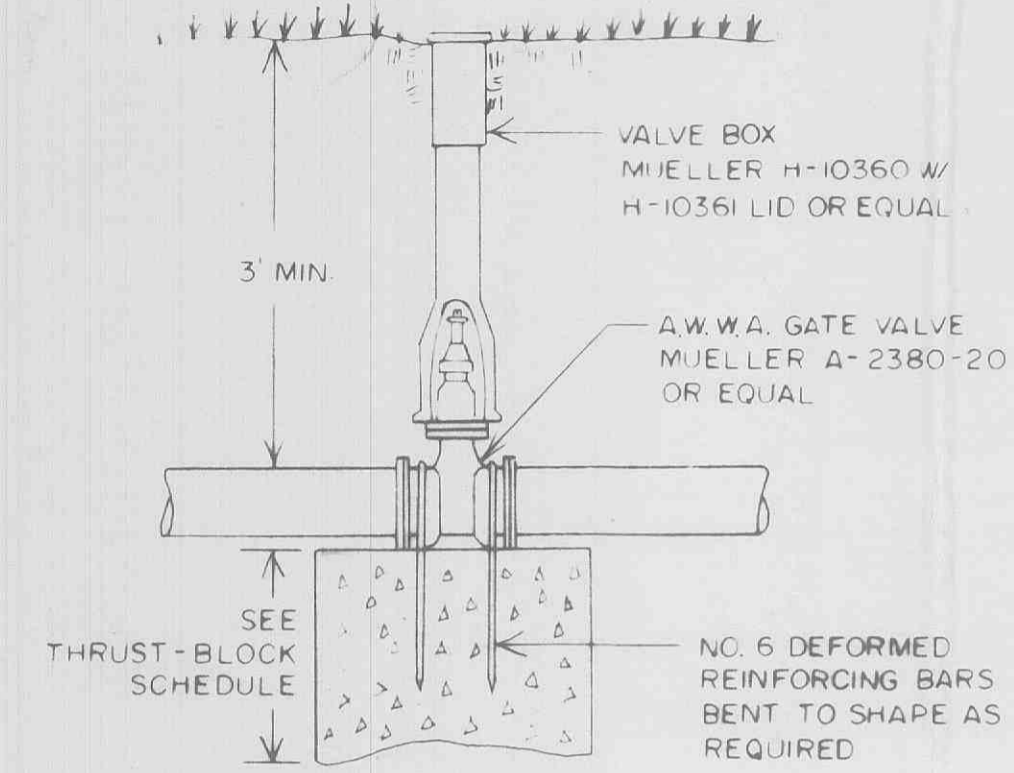


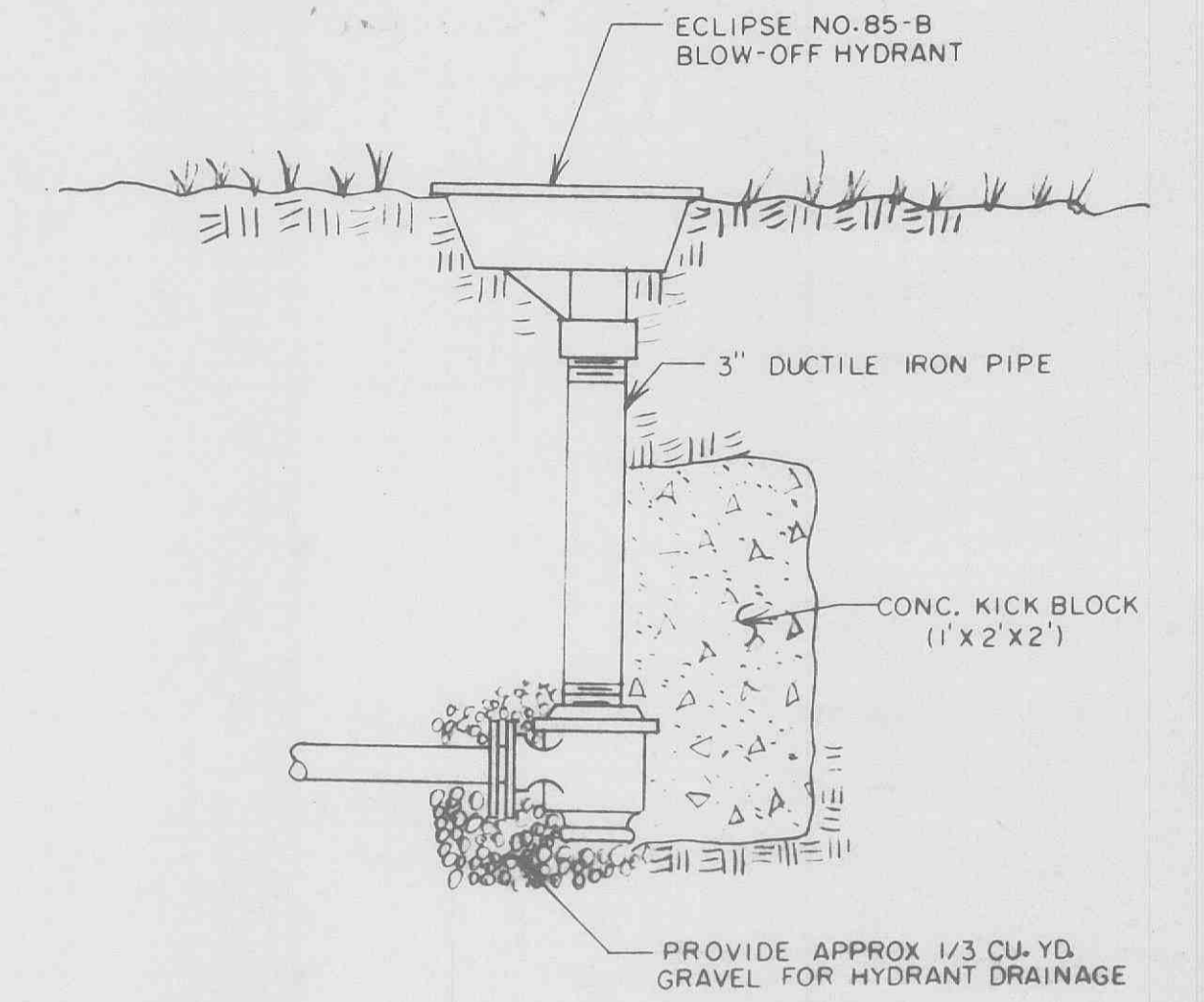
FIRE HYDRANT INSTALLATION DETAIL
NO SCALE



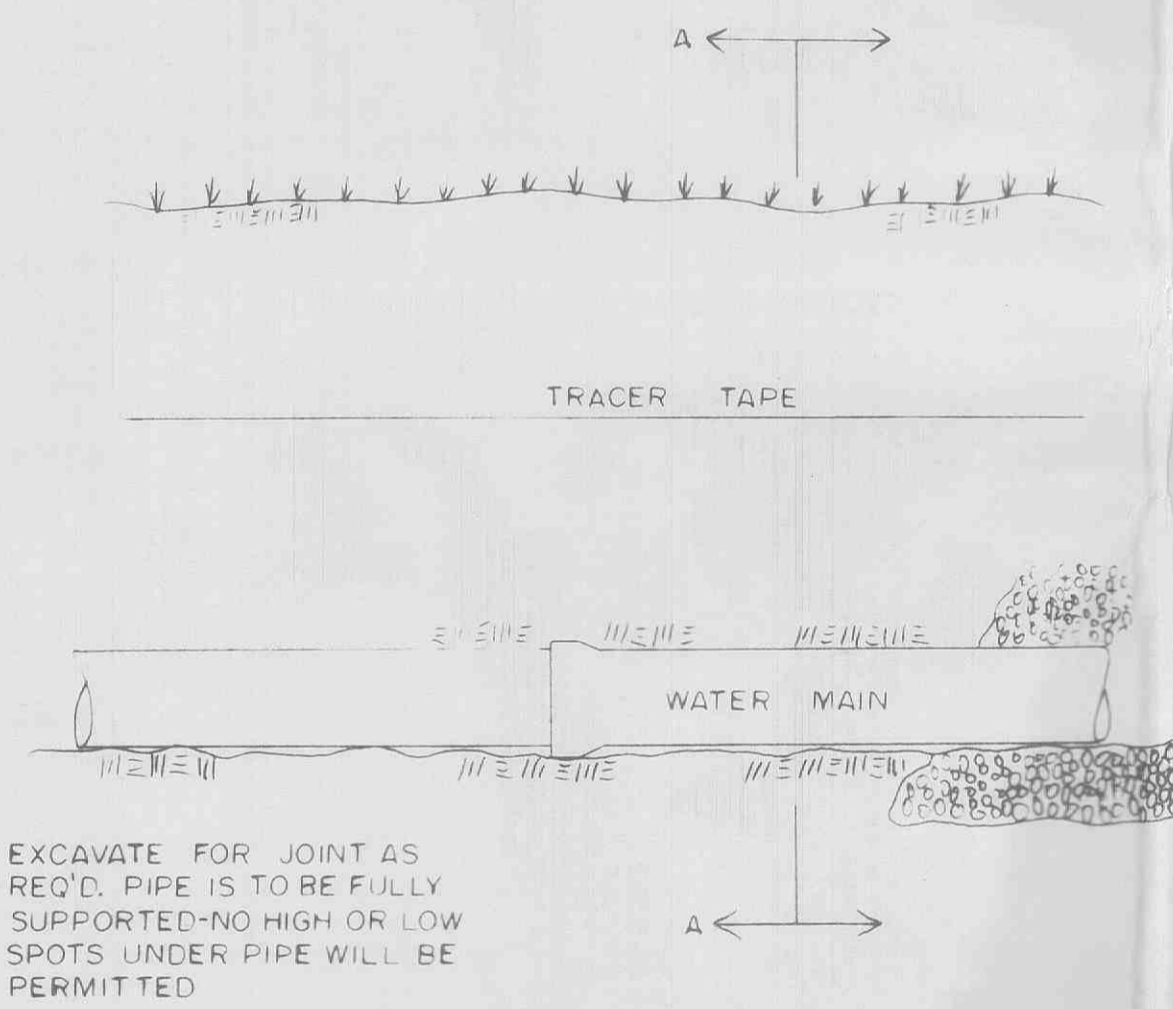
FLUSHING HYDRANT
NO SCALE



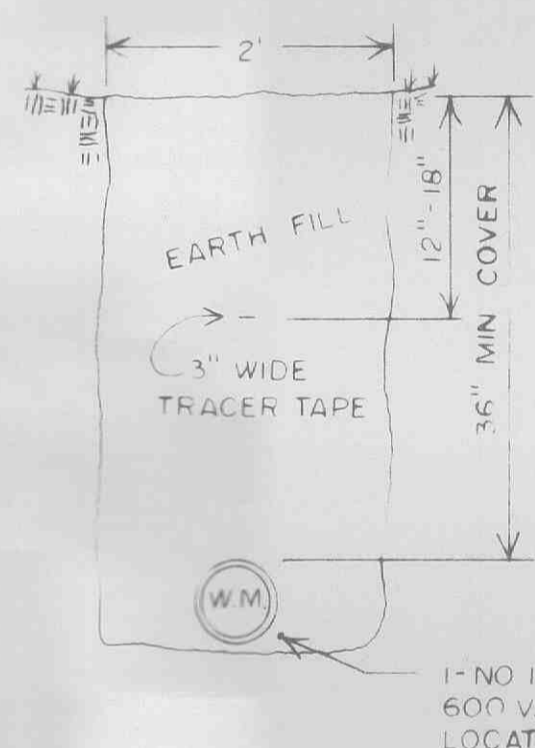
GATE VALVE W/ THRUST-BLOCK DETAIL
NO SCALE



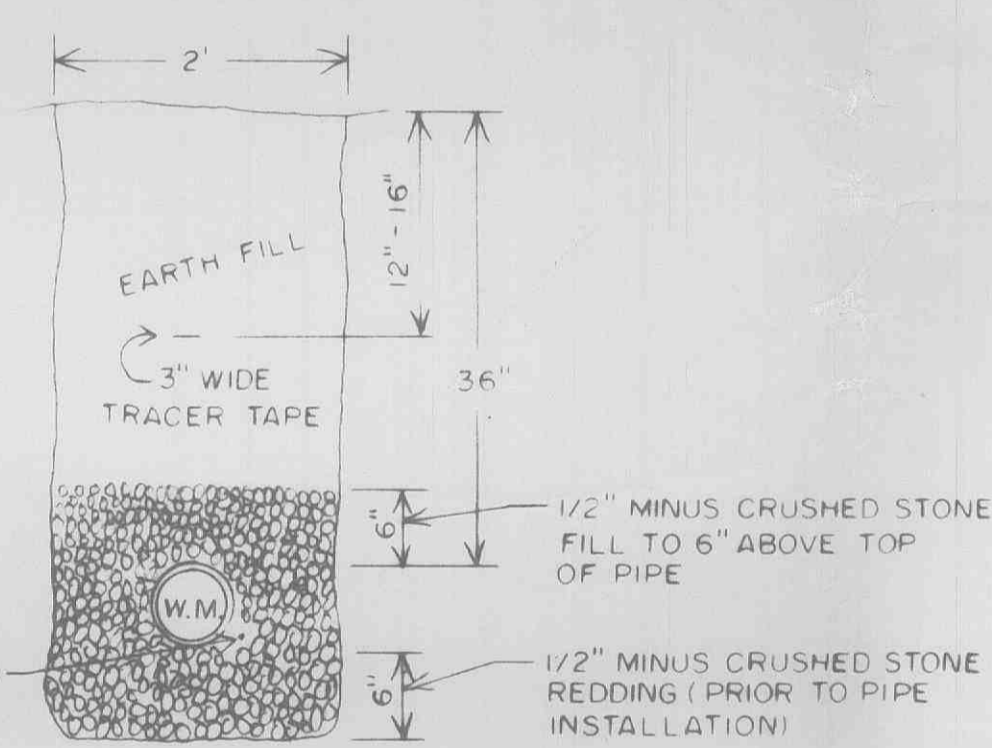
BLOW-OFF HYDRANT
NO SCALE



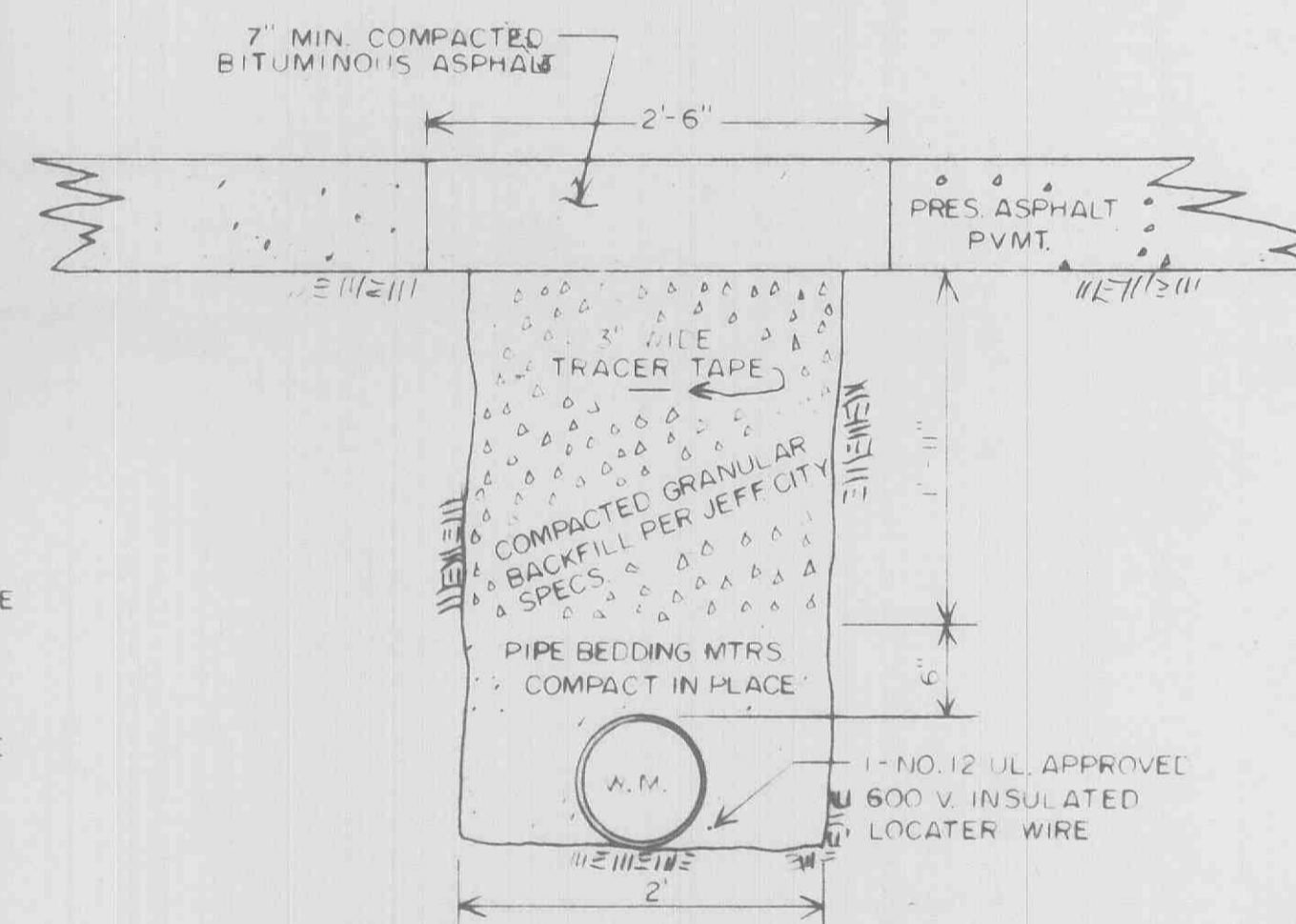
TYPICAL WATER MAIN TRENCHING DETAIL
NO SCALE



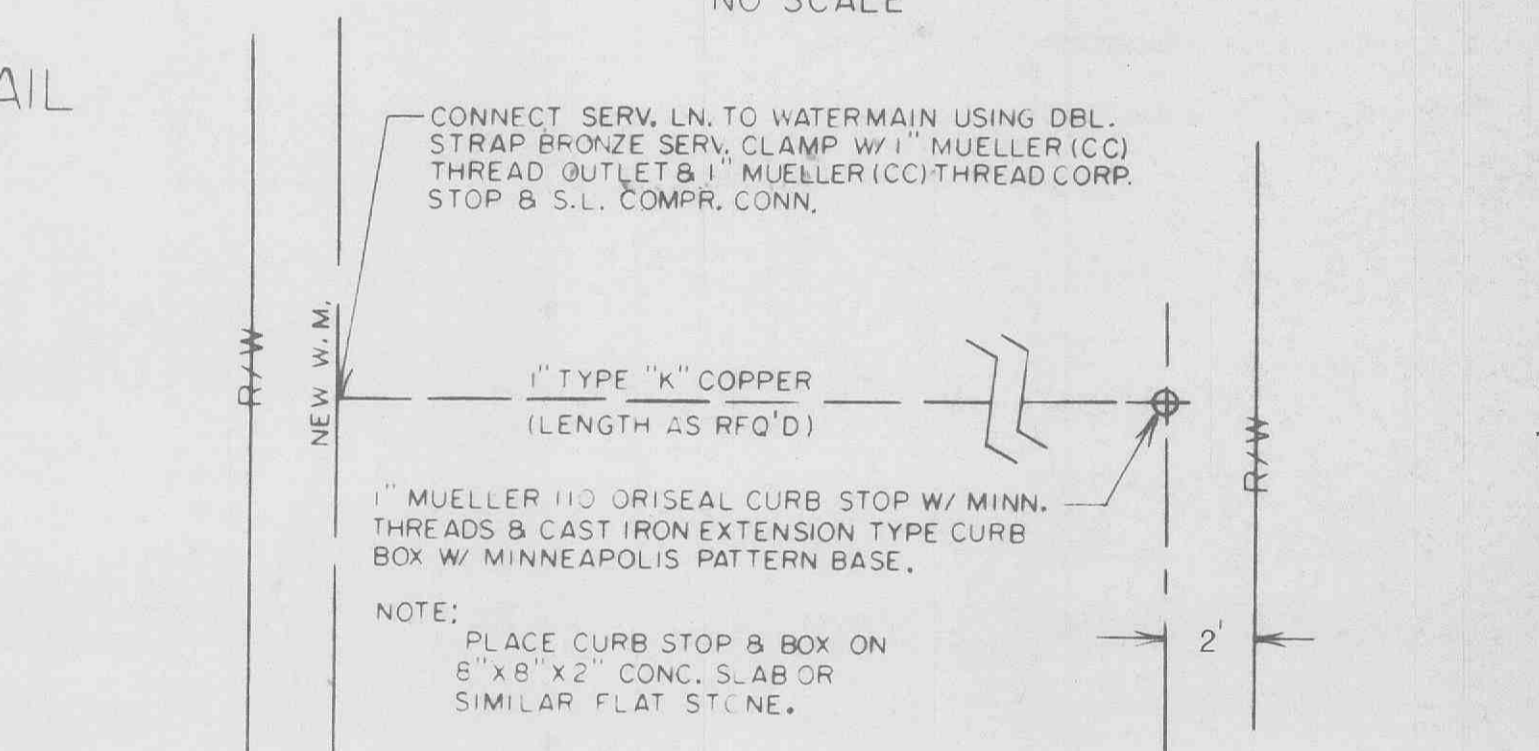
EARTH EXCAVATION



EXCAVATION THROUGH SOLID ROCK



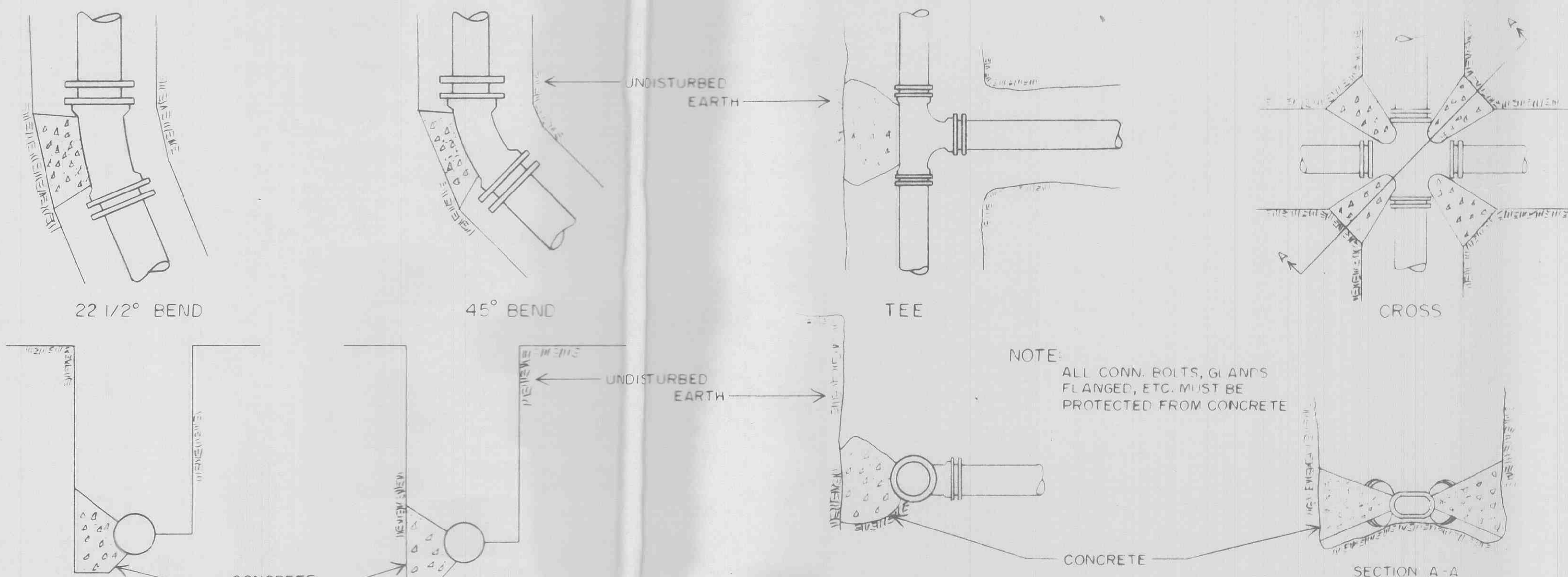
TYPICAL PAVED STREET OR ROAD TRENCH
BACKFILL & SURFACE REPLACEMENT DETAIL
SCALE: 1\"/>



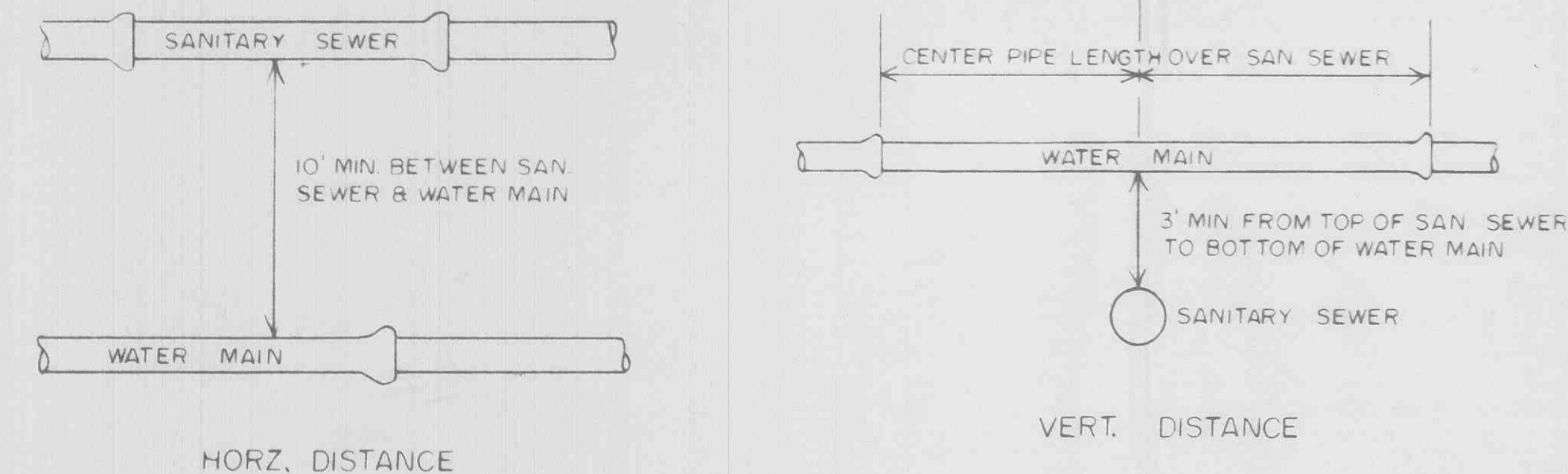
TYPICAL SERVICE CONNECTION INSTALLATION
TO OPPOSITE SIDE OF STREET
SCALE: 1\"/>

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

APPROVED: _____

TYPICAL WATER
INSTALLATION DETAILS

DATE SCALE JULY 29, 1988
AS SHOWN REV. SEPT. 19, 1988

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