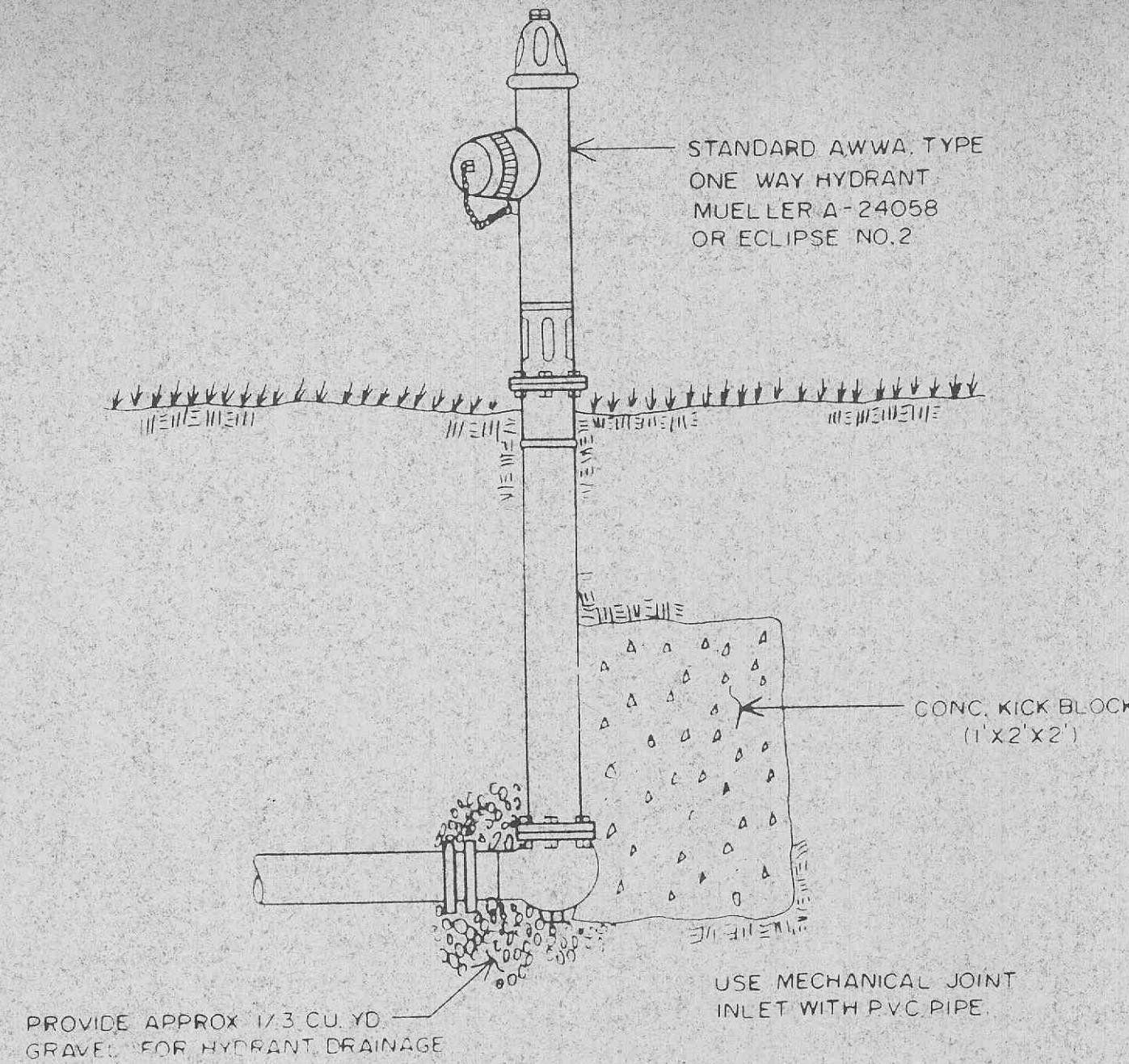
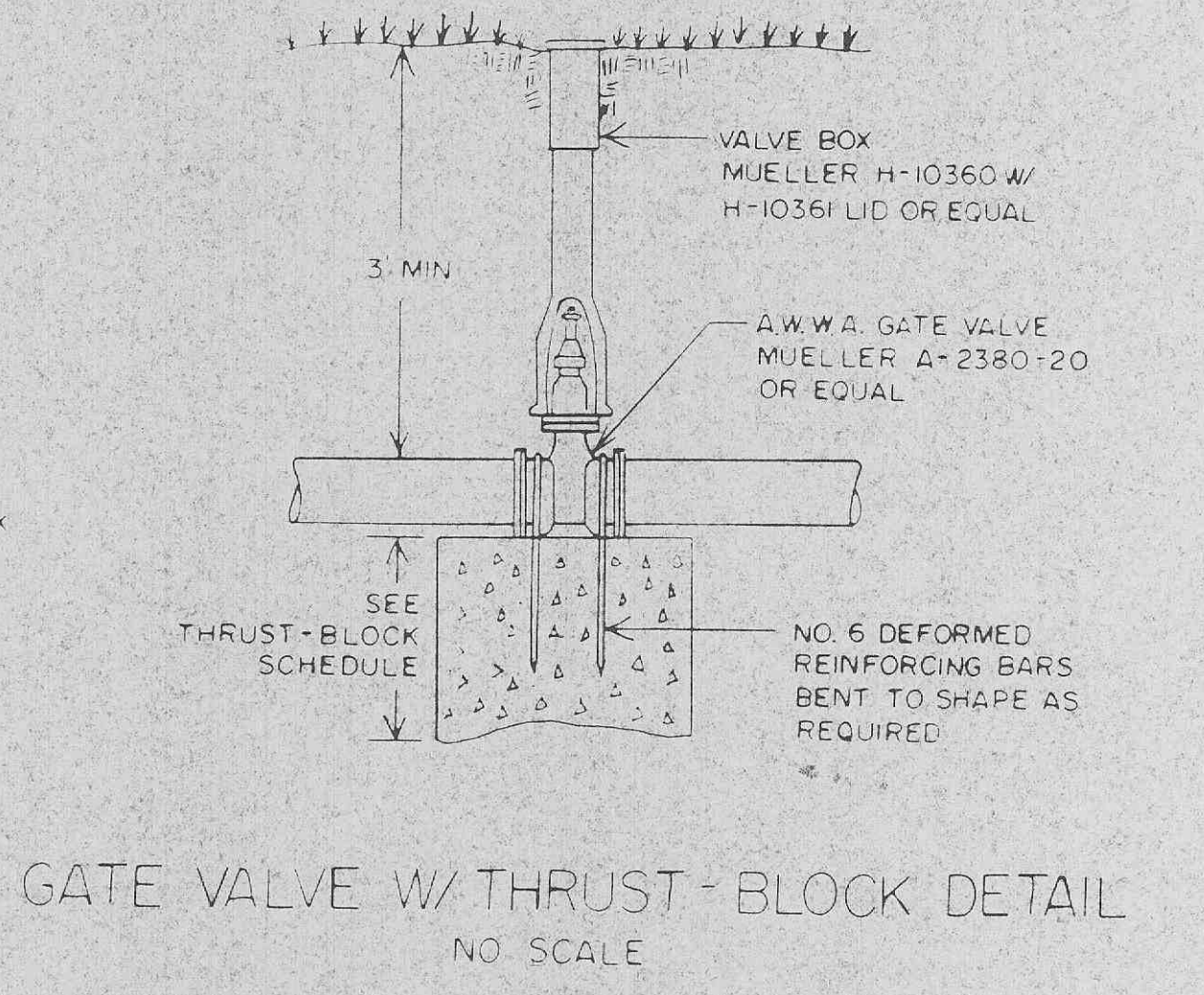


FIRE HYDRANT INSTALLATION DETAIL
NO SCALE

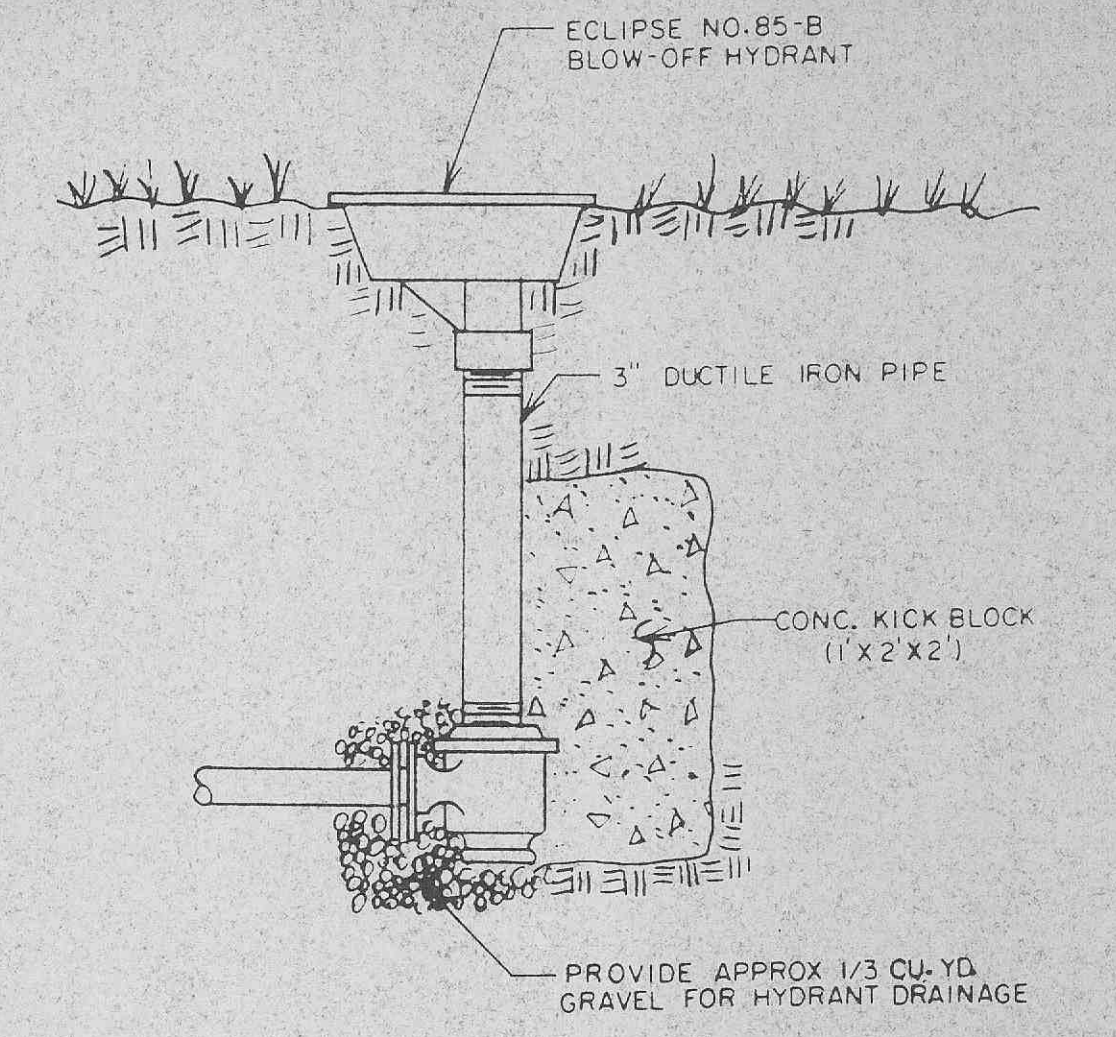
NOTE
FOR 6" WM AND LARGER
6" 3-WAY HYDRANTS ARE TO
BE USED
CONTRACTOR MUST TAKE ALL
NECESSARY PRECAUTIONS TO
INSURE THAT HYDRANT DRAIN
(SWEEP HOLE) REMAINS OPEN



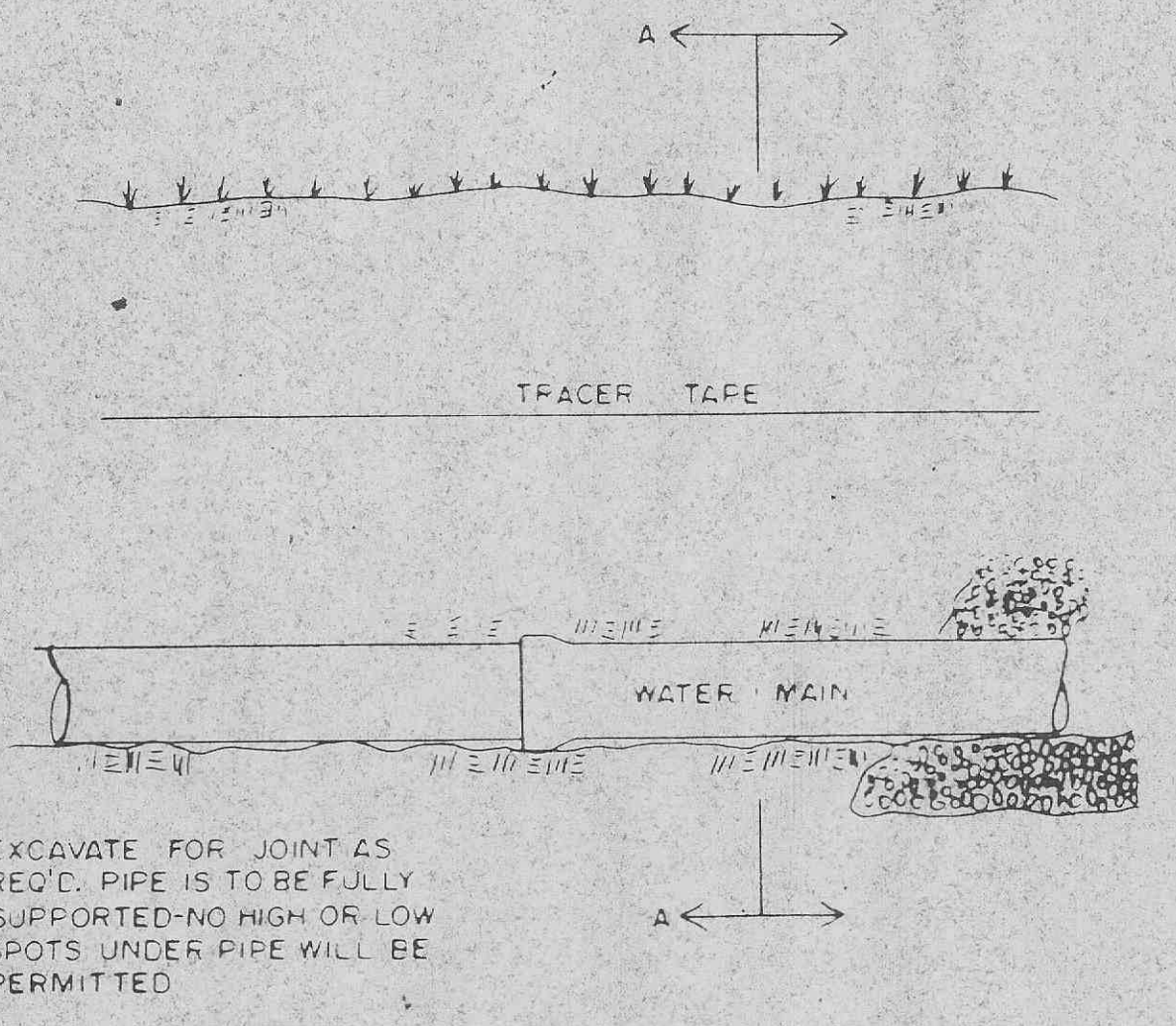
FLUSHING HYDRANT
NO SCALE



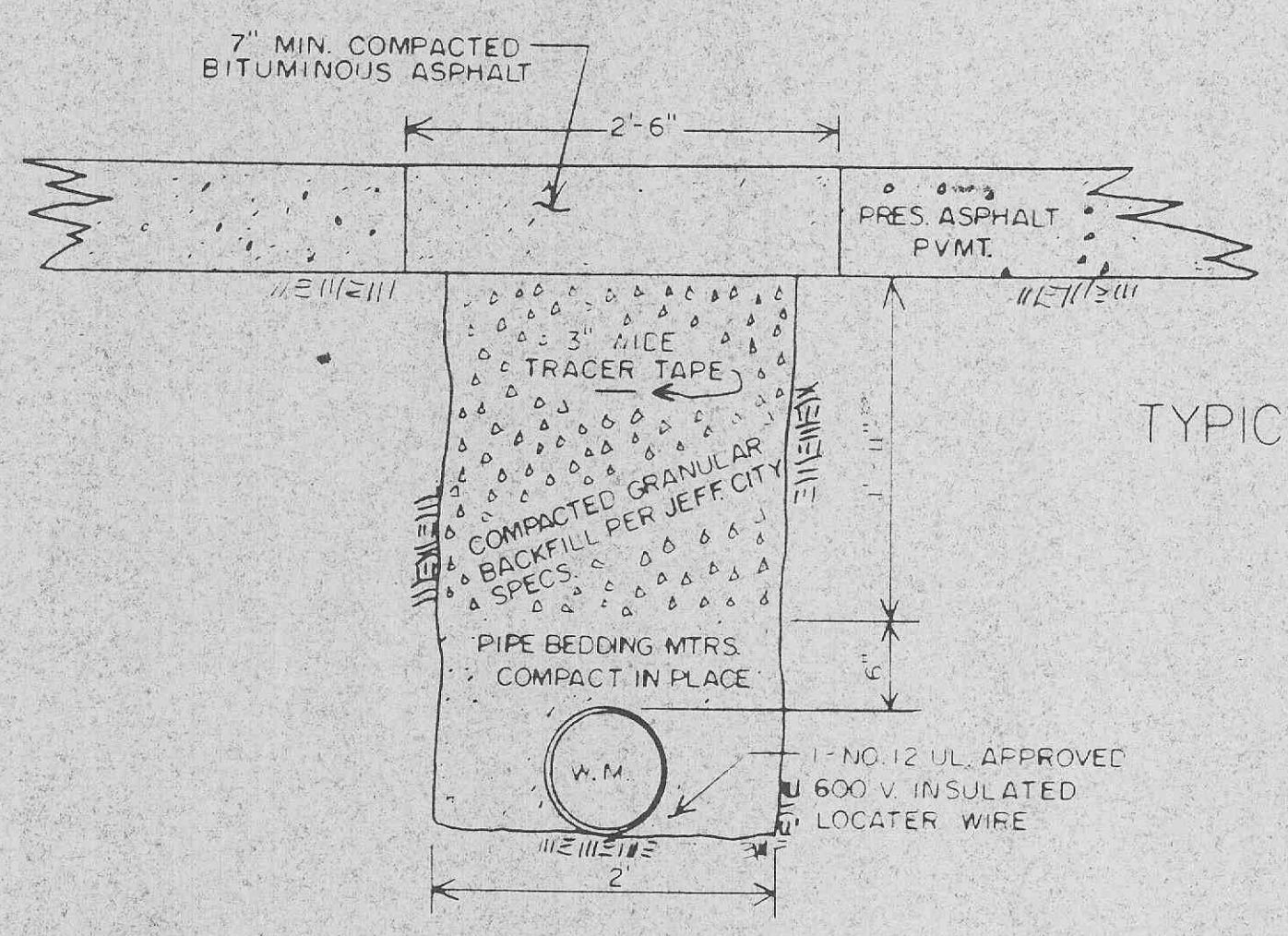
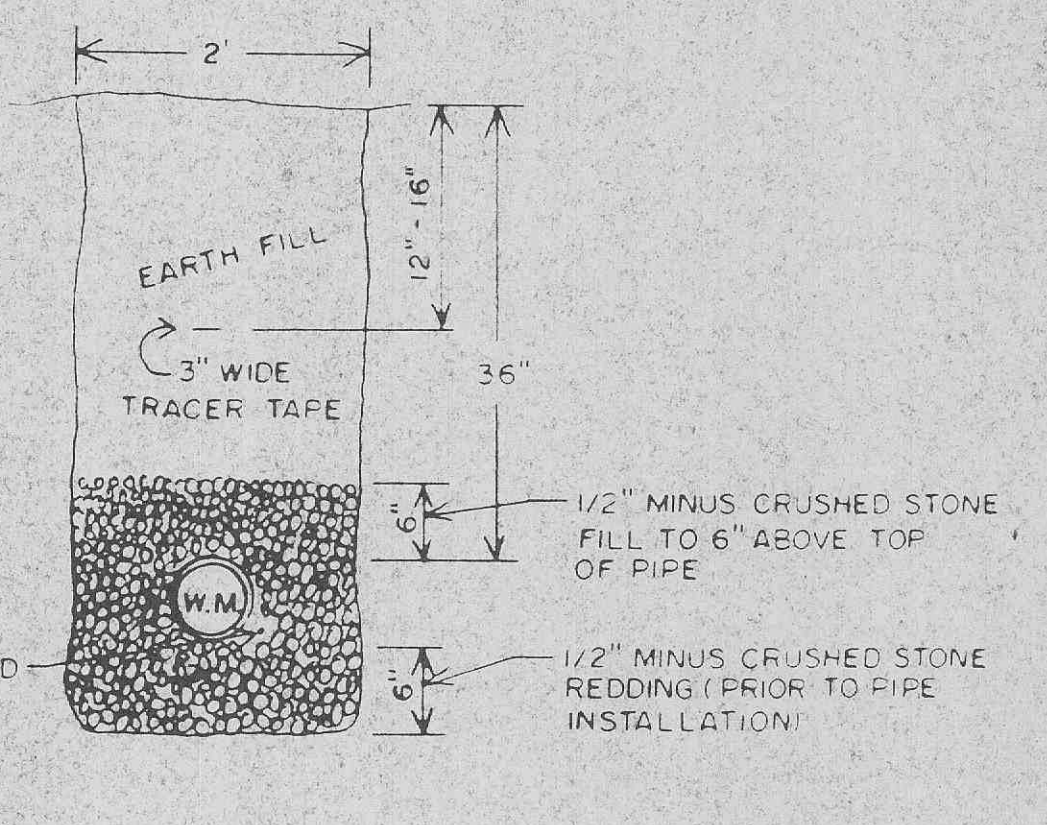
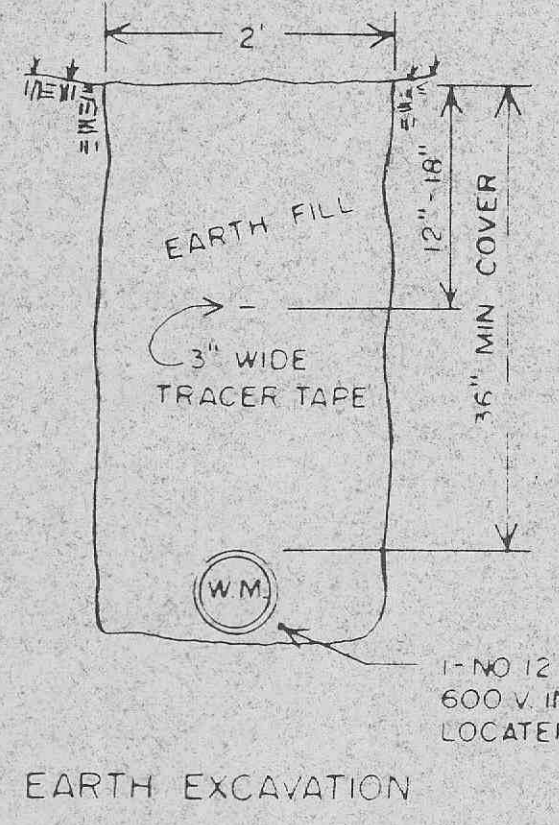
GATE VALVE W/ THRUST-BLOCK DETAIL
NO SCALE



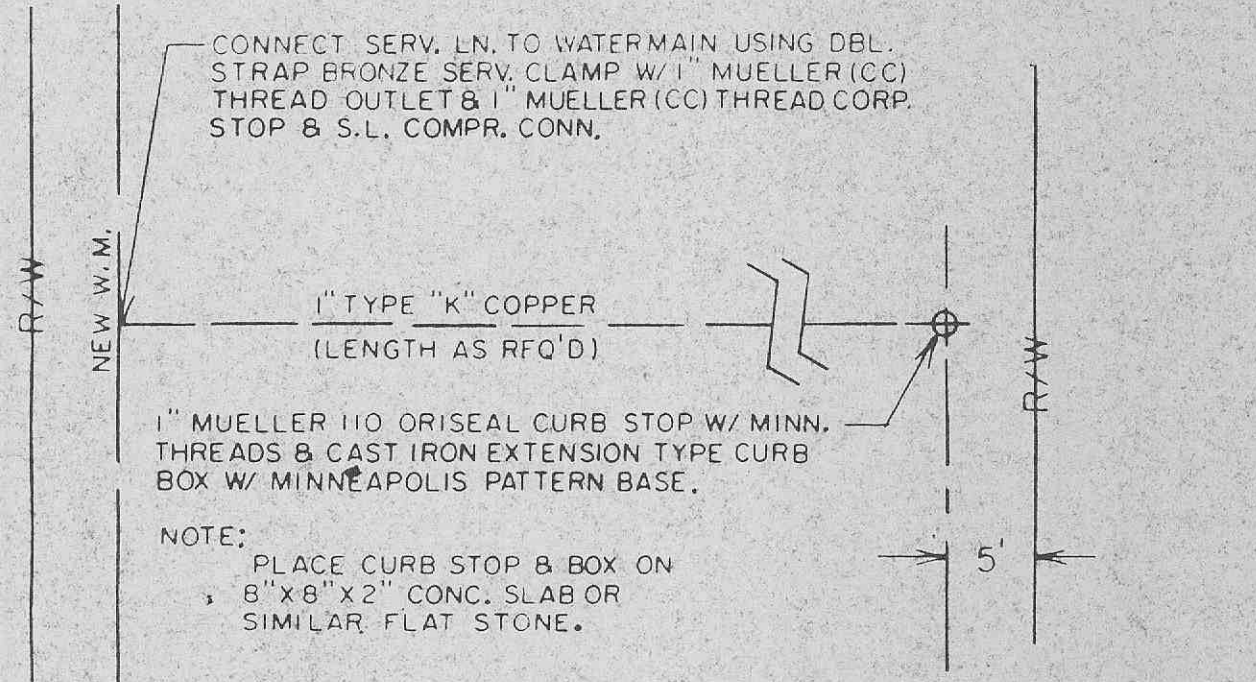
BLOW-OFF HYDRANT
NO SCALE



TYPICAL WATER MAIN TRENCHING
NO SCALE



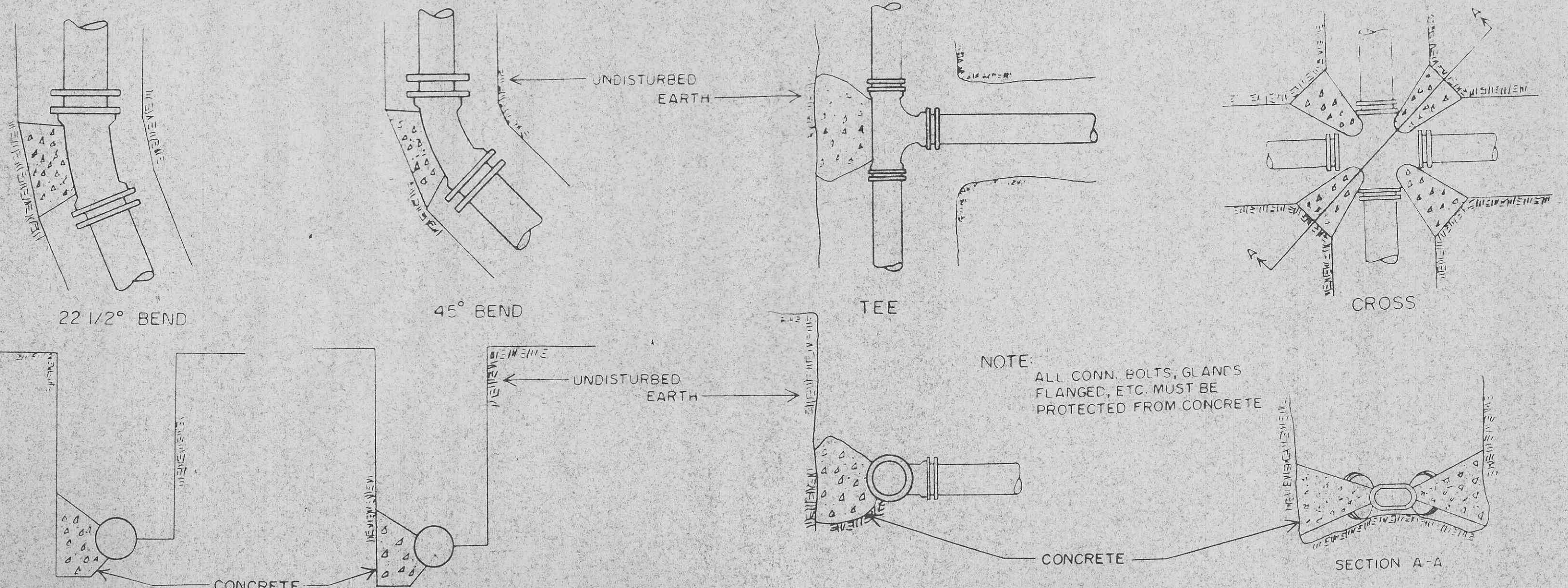
TYPICAL PAVED STREET OR ROAD TRENCH
BACKFILL & SURFACE REPLACEMENT DETAIL
SCALE: 1" = 1'-0"



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

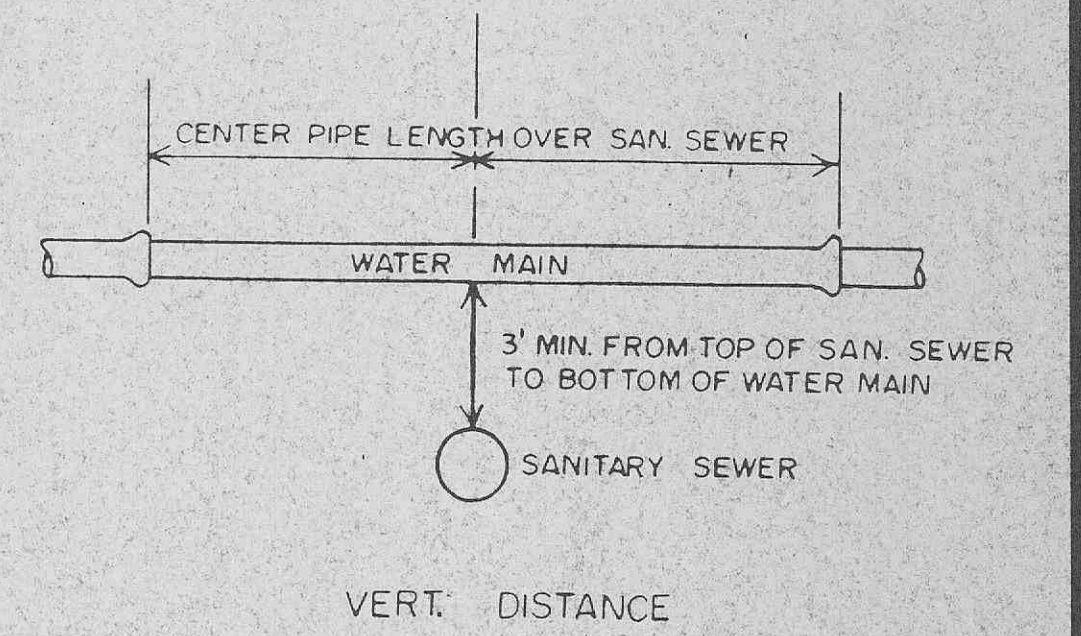
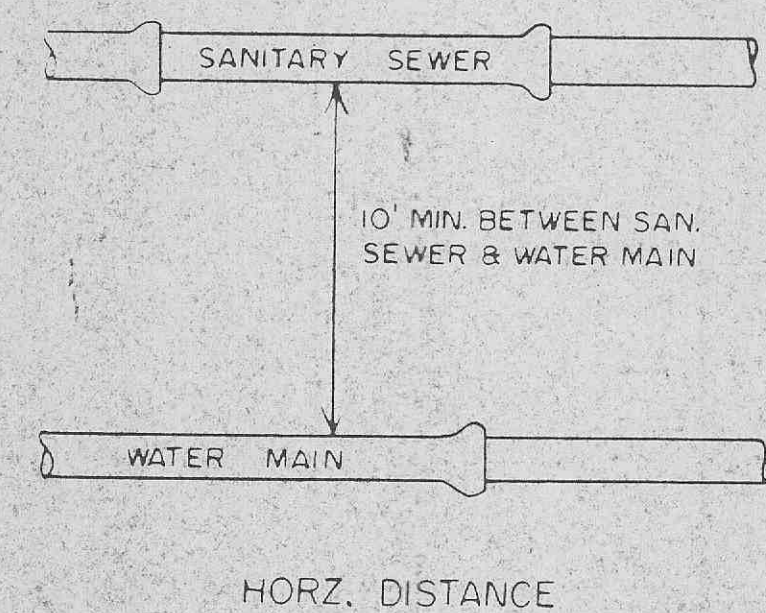
MAIN SIZE	MIN. THRUSTBLOCK BEARING DIMENSIONS TO BEAR AGAINST UNDISTURBED EARTH				
	45° BEND	22 1/2° BEND	TEE	VALVE	CROSS
2"	5'x1'	5'x1'	5'x1'	5'x1'	5'x1'
4"	1'x1'	1'x1'	2'x1'	2'x1'	1'x1'
6"	1.5'x1'	1'x1'	2'x1'	2'x1'	1'x1'
8"	2'x1'	1'x1'	2'x2.5'	2'x2'	1'x1.5'
10"	2'x2.5'	1.5'x2'	2'x2'	2'x2'	1'x2'

THRUST-BLOCK SCHEDULE
NOT APPROVED FOR CONSTRUCTION



TYPICAL THRUST-BLOCK DETAIL
NO SCALE

NOTE:
ALL CONN. BOLTS, GLANDS
FLANGED, ETC. MUST BE
PROTECTED FROM CONCRETE



TYPICAL WATER & SEWER SEPARATION
NO SCALE

THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo.

5055 NEW BALMARTNER ROAD
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ENGINEERS, SURVEYORS AND PLANNERS
(314)-487-8944
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REVISIONS	
NO.	DATE
1	
2	
3	
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6	
7	
8	

PROFESSIONAL SEAL:
Michael...
4/24/10

ARCHITECT LOGO:

UHAUL
U-HAUL INTERNATIONAL
CONSTRUCTION & RENOVATION
2727 NORTH CENTRAL AVENUE
PHOENIX, ARIZONA 85004
PH: 602/263-6502
FAX: 602/277-1026

SITE ADDRESS:
U-HAUL OF OFALLON
2000 HIGHWAY K
OFALLON

SHEET CONTENTS:
WATER MAIN
DETAILS

3591-00

DRAWN BY: RL
CHK'D BY: MB
DATE: 04/20/99
126006