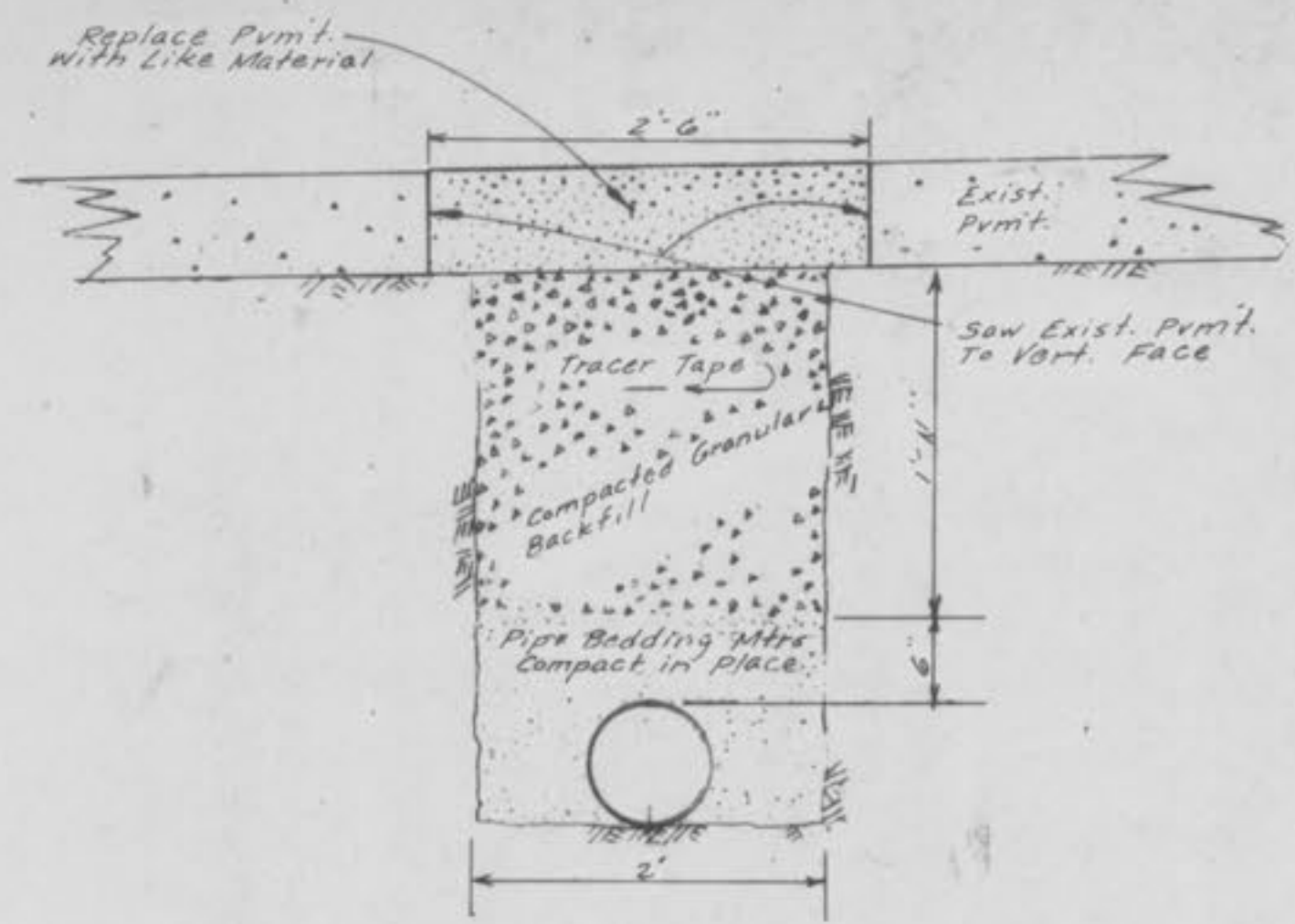
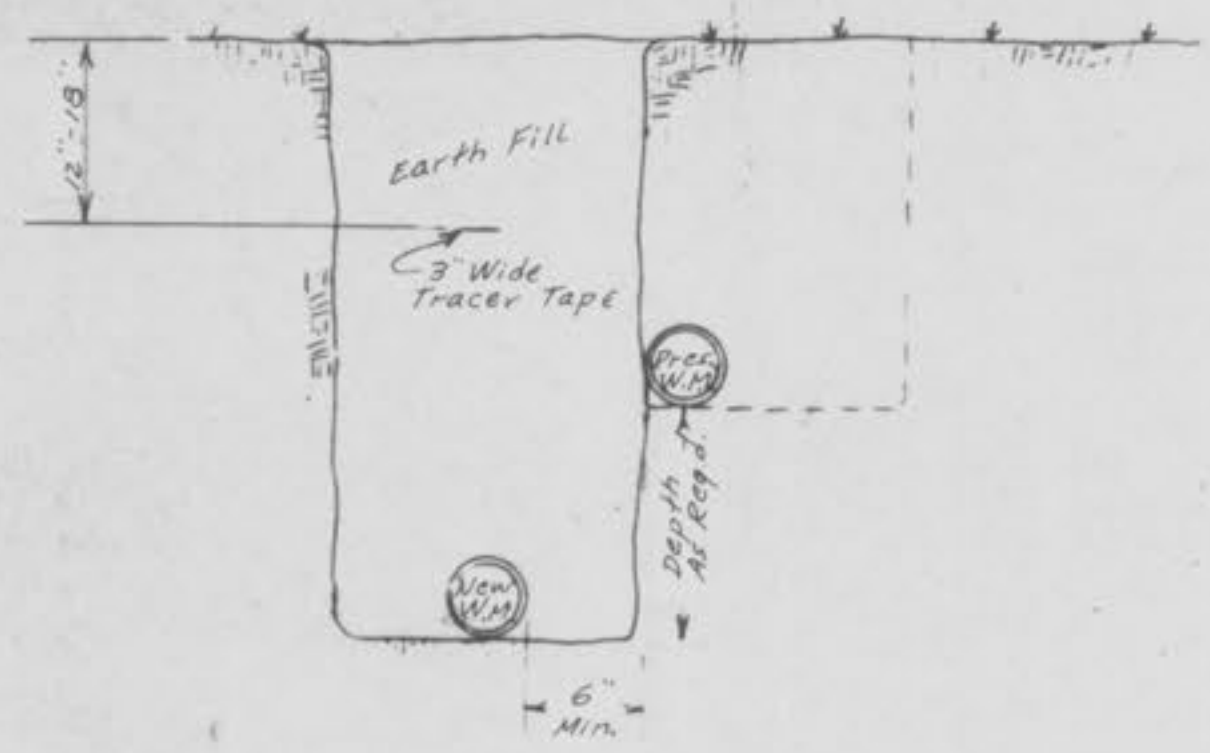


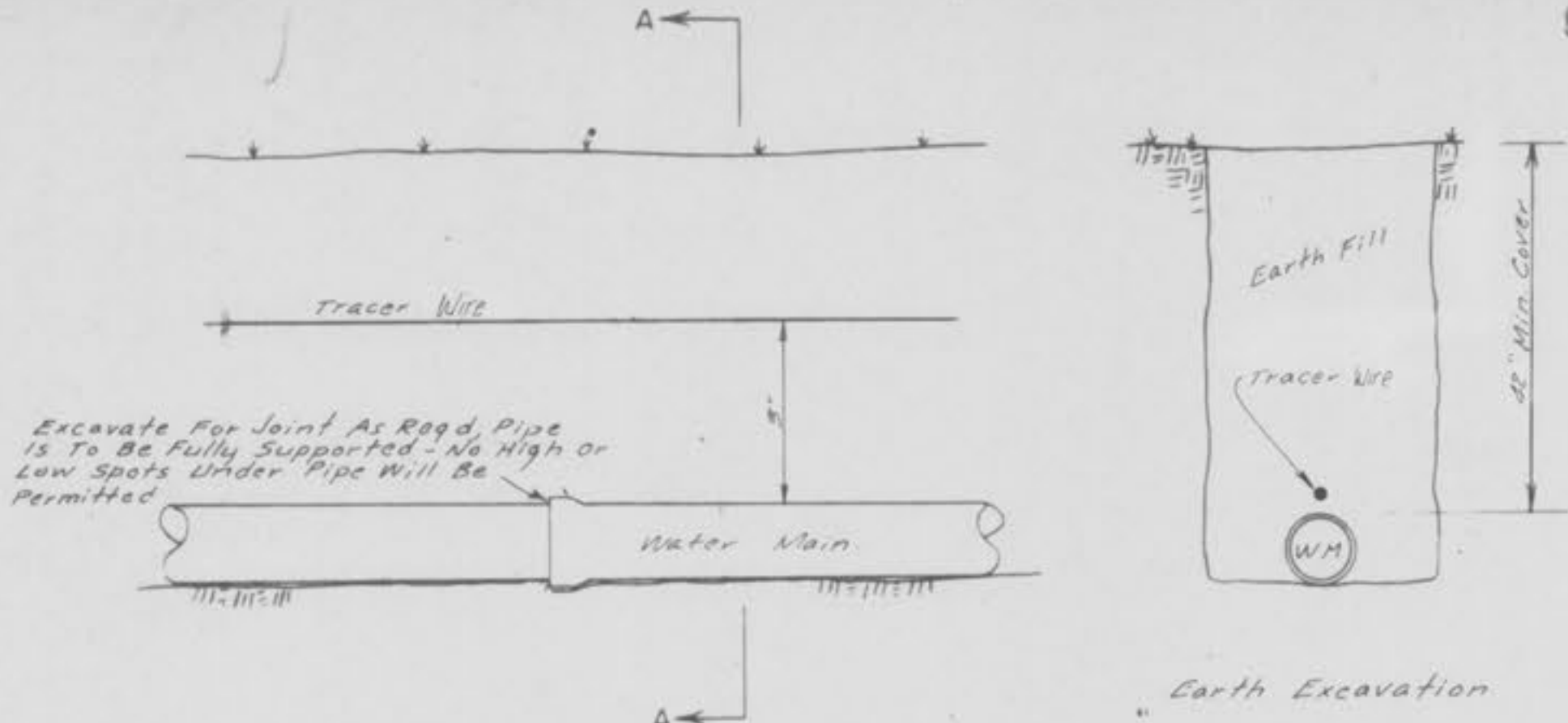
WATER MAIN CONSTRUCTION DETAILS



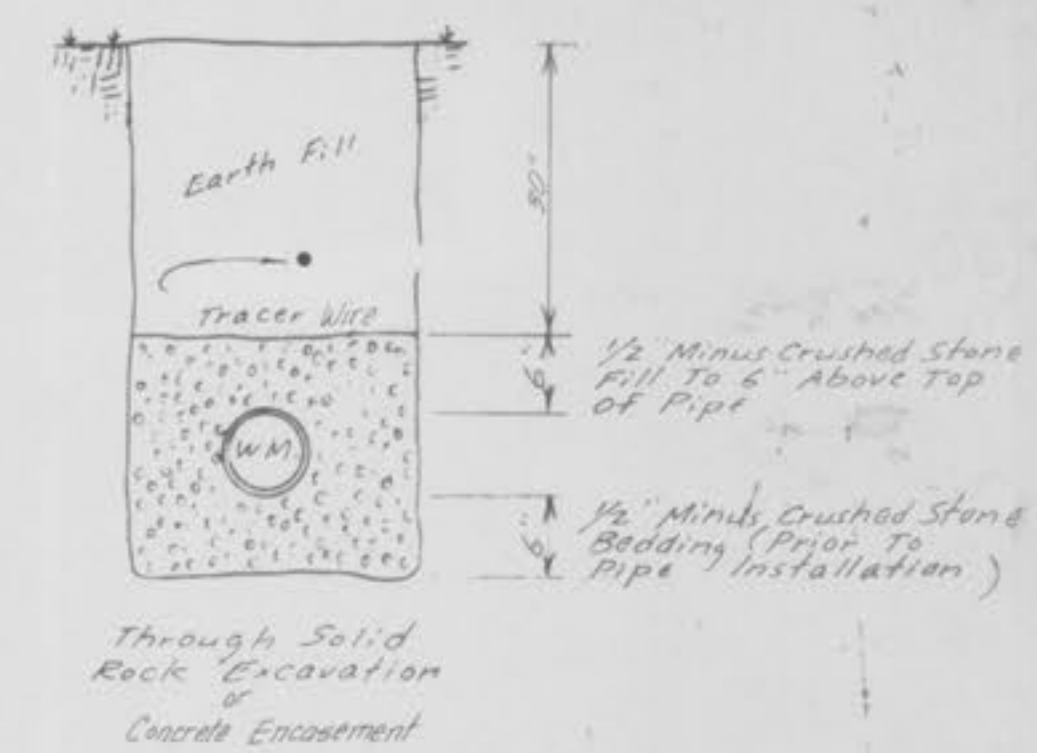
DETAIL "A-A"
TYPICAL PAVED STREET OR ROAD TRENCH
BACKFILL & SURFACE REPLACEMENT DETAIL
SCALE: 1"=1'



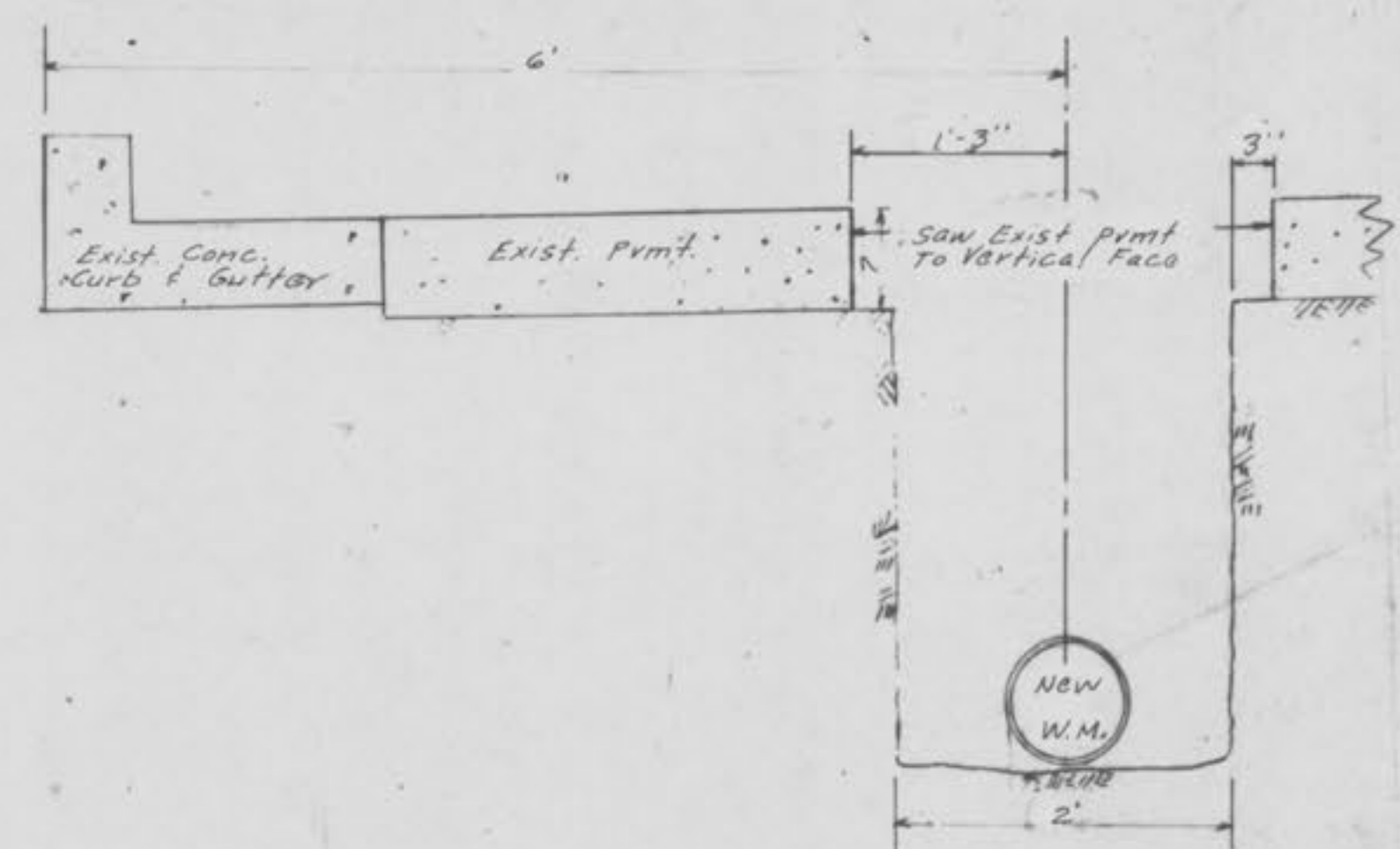
DETAIL "D-D"
TYPICAL WATER MAIN LOWERING DETAIL
NO SCALE



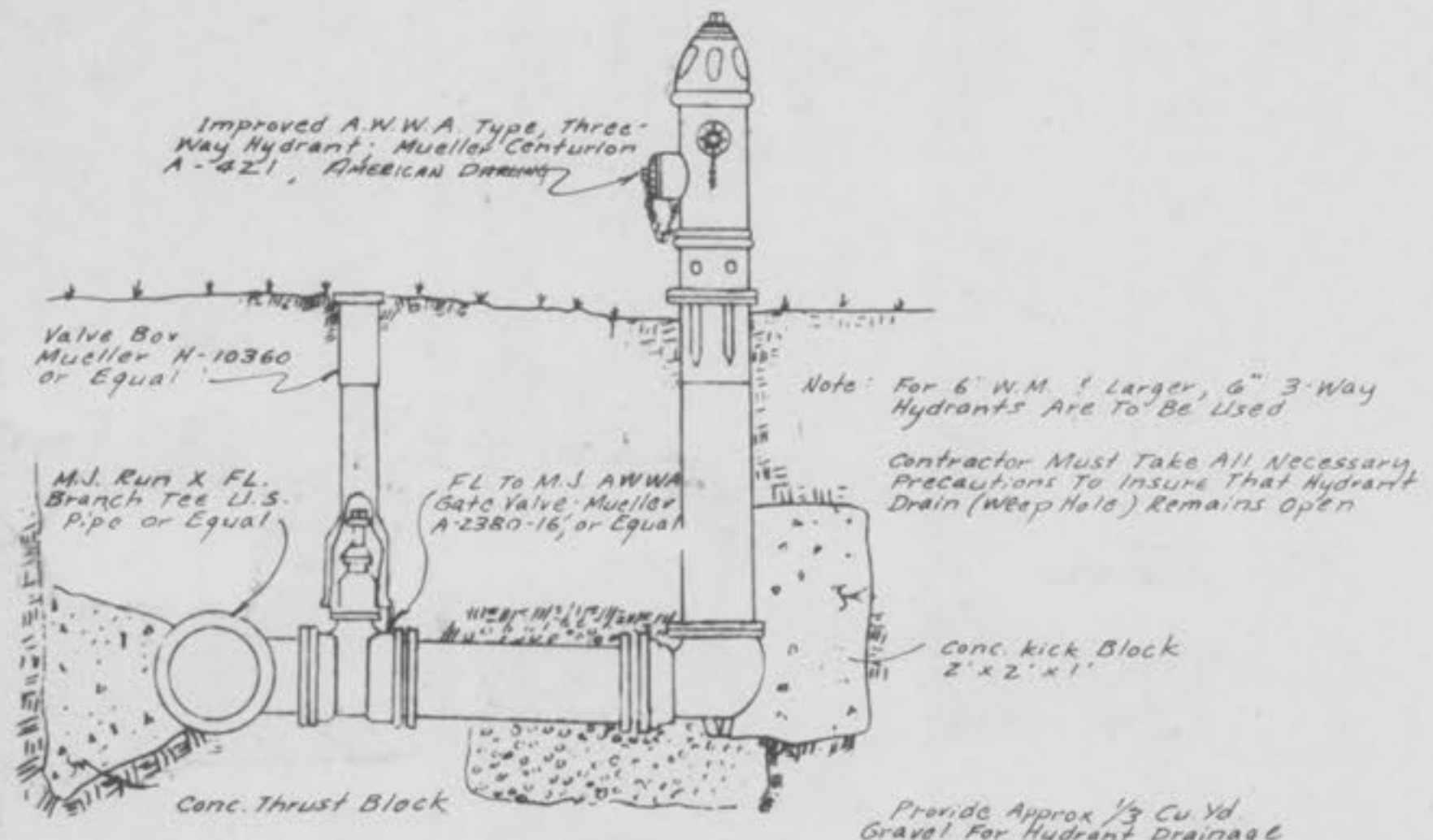
DETAIL "G-G"
TYPICAL WATER MAIN INSTALLATION DETAIL
NO SCALE



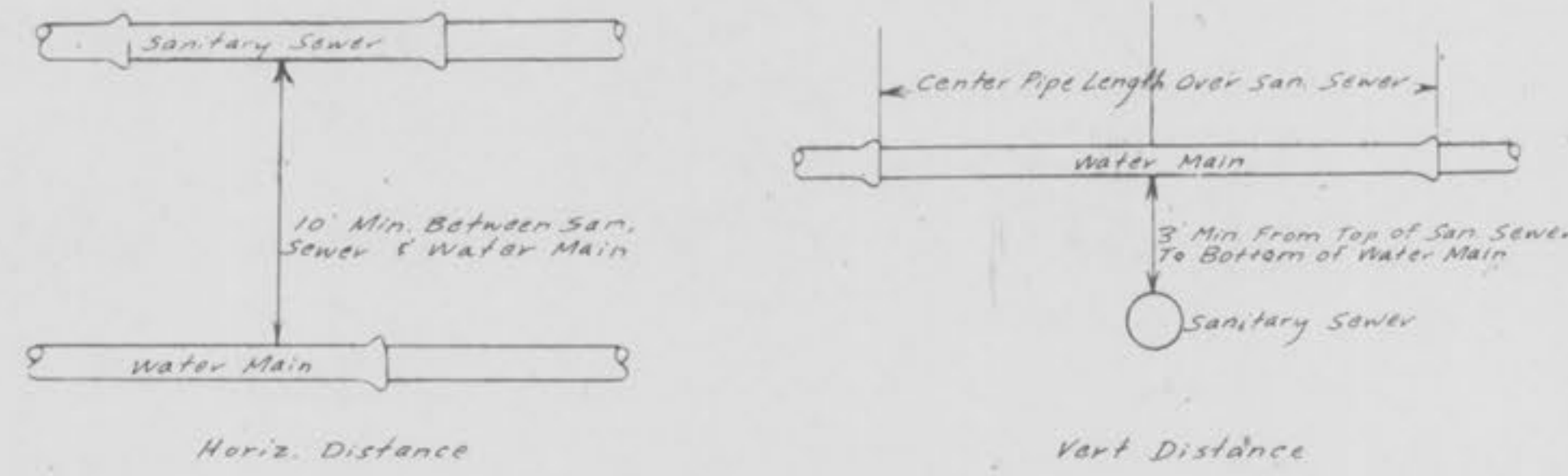
SECTION A-A



DETAIL "B-B"
TYPICAL TRENCH EXCAVATION IN PAVED STREETS



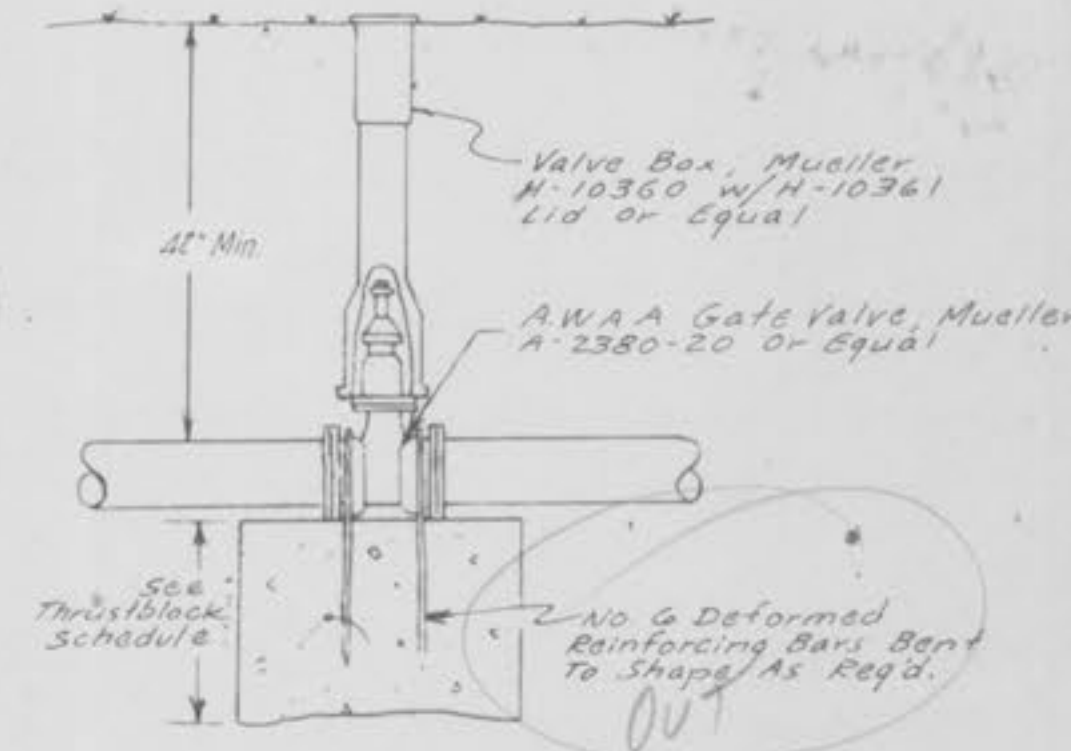
DETAIL "E-E"
FIRE HYDRANT INSTALLATION DETAIL
NO SCALE



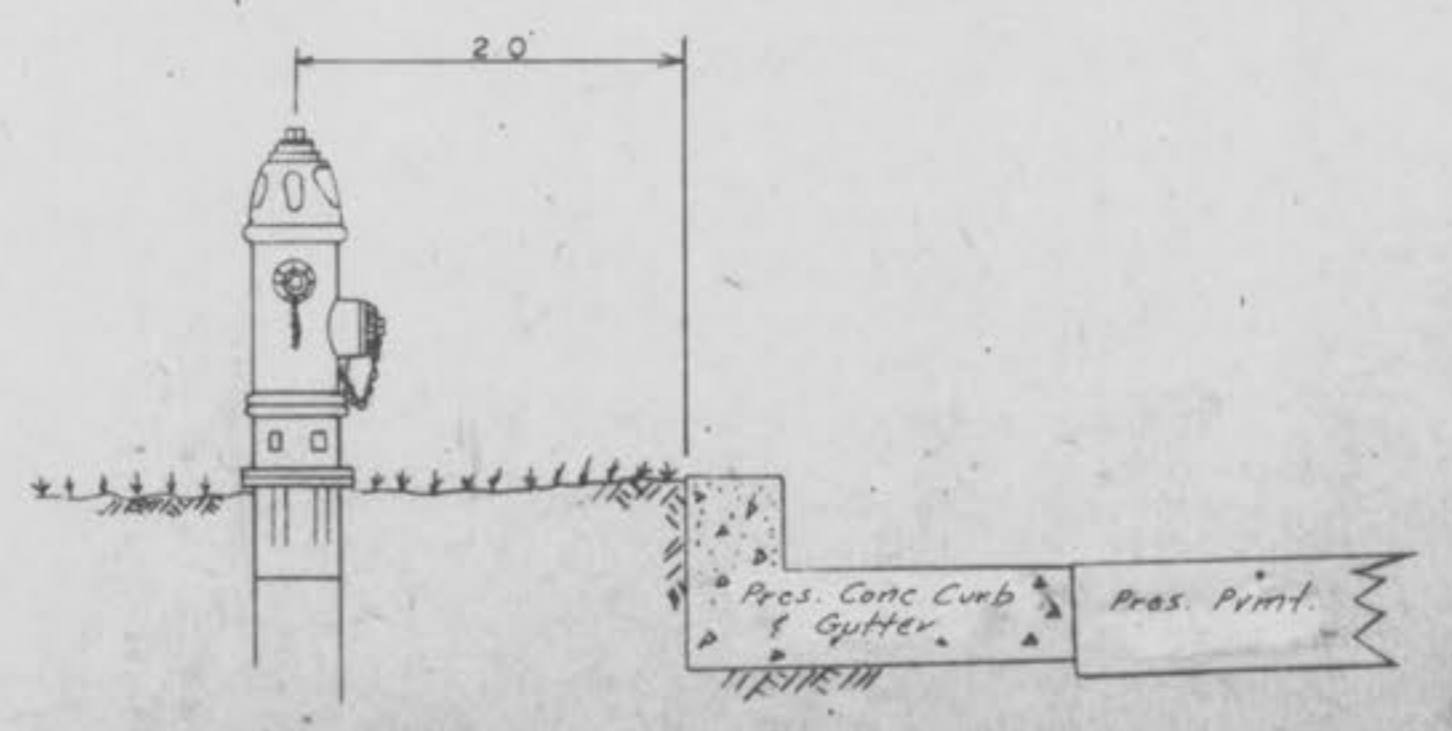
DETAIL "H-H"
TYPICAL WATER & SEWER SEPARATION
NO SCALE

MAIN SIZE	MIN THRUST BLOCK BEARING DIMENSIONS TO BEAR AGAINST UNDISTURBED EARTH				
	45° BEND	22 1/2° BEND	TEE	VALVE	CROSS
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'
12"	3'x4'	3'x2'	3'x3'	2'x3'	2'x2'

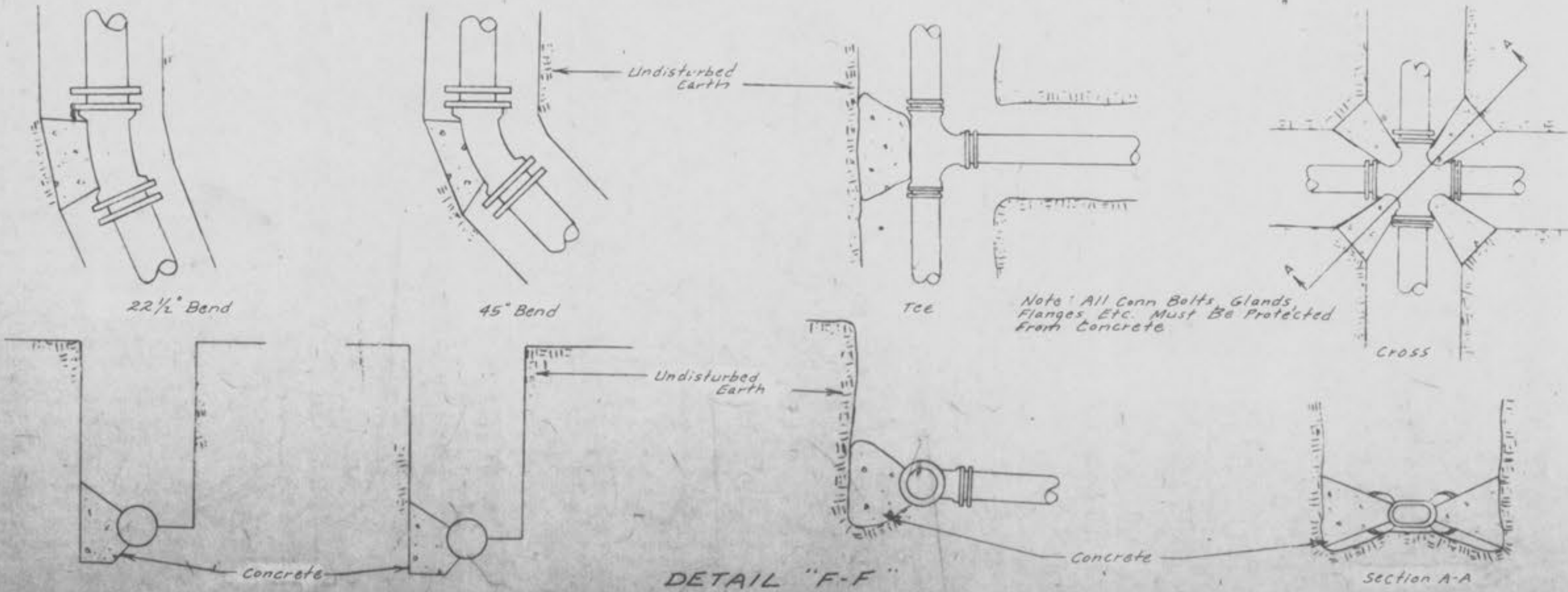
THRUSTBLOCK SCHEDULE



DETAIL "I-I"
GATE VALVE W/ THRUST BLOCK DETAIL
NO SCALE



DETAIL "C-C"
TYPICAL FIRE HYDRANT LOCATION DETAIL
NO SCALE



DETAIL "F-F"
TYPICAL THRUST BLOCK DETAIL
NO SCALE