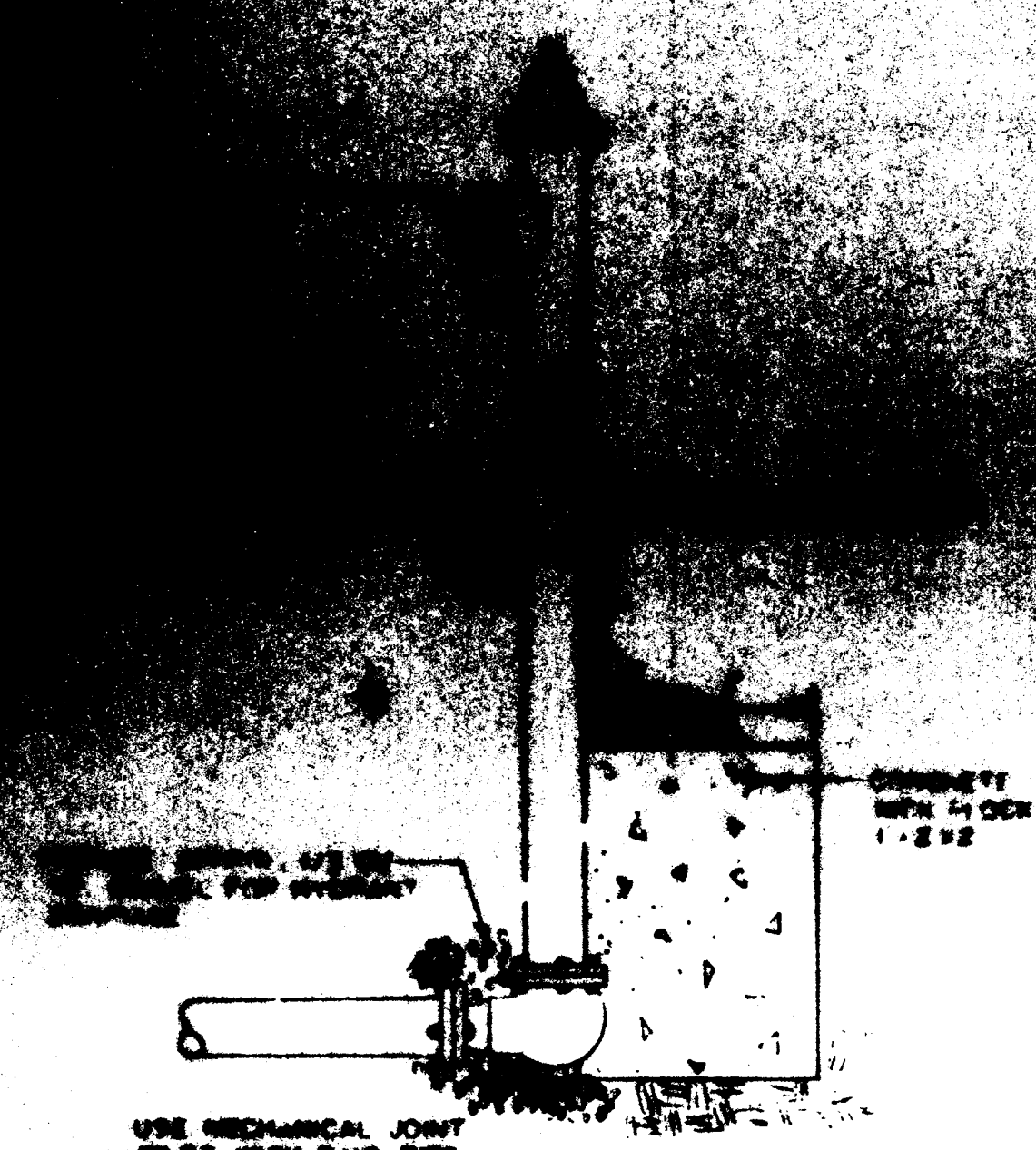
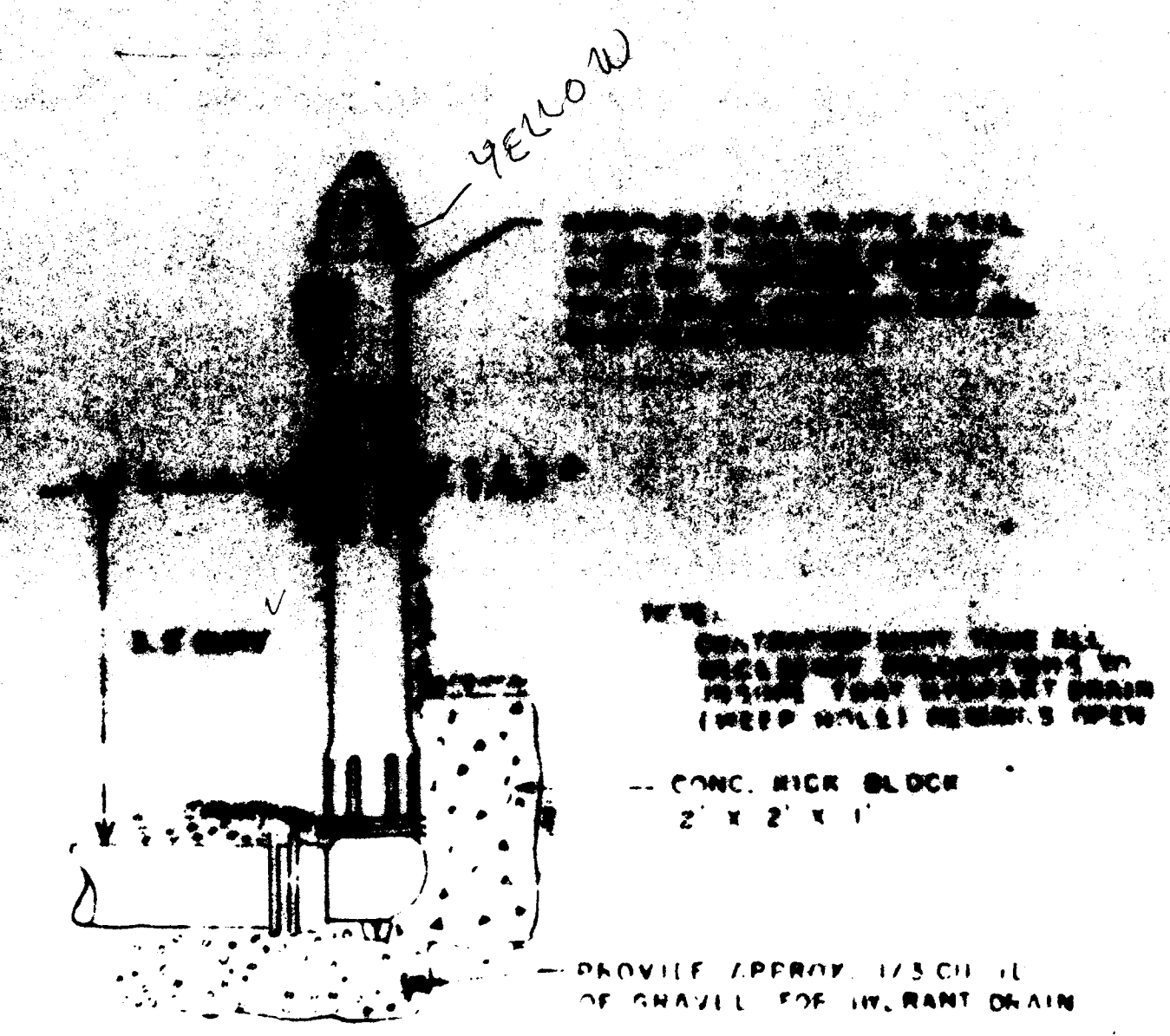


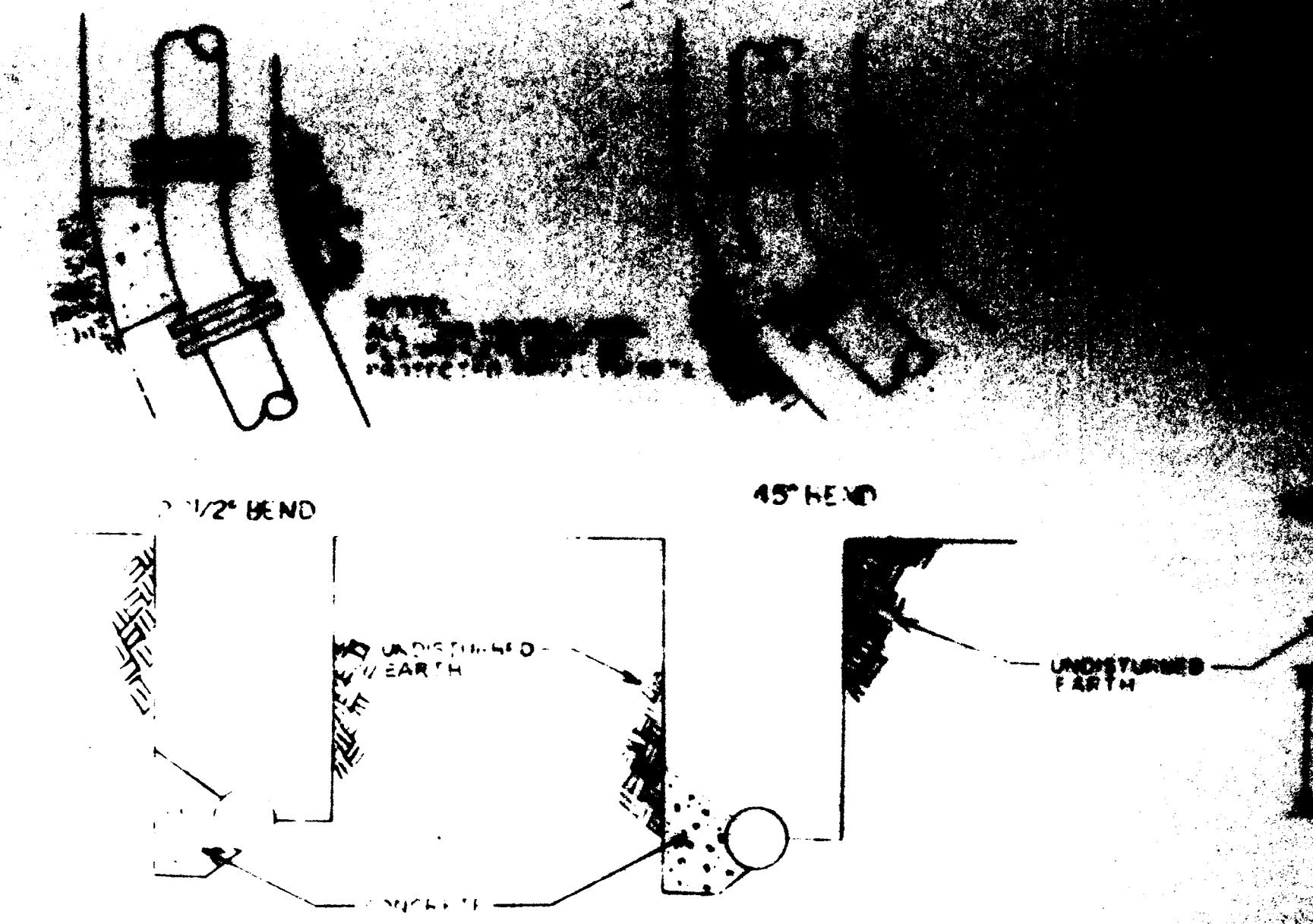
TYPICAL WATER MAIN INSTALLATION DETAILS



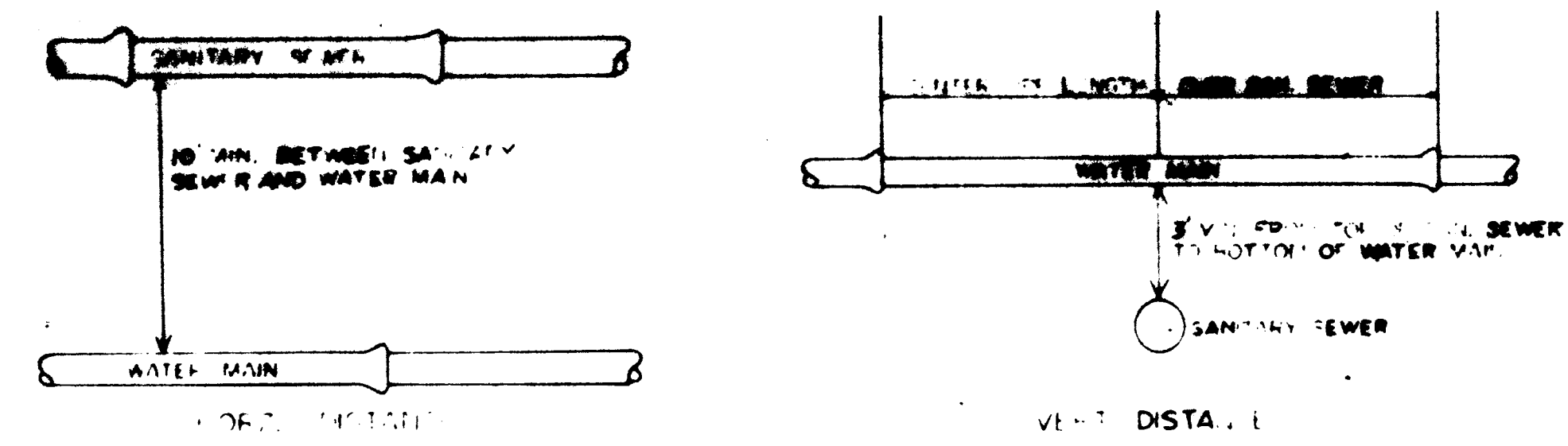
FLUSHING HYDRANT
NO SCALE



FIRE HYDRANT INSTALLATION DETAIL
NO SCALE



TYPICAL THRUST BLOCK DETAIL
NO SCALE



TYPICAL WATER & SEWER SEPARATION
NO SCALE

MAIN SIZE (D.I.M.)	TWO THRUST BLOCK BEARING DIMENSIONS TO BEAR AGAINST UNDISTURBED EARTH				
	45° BEND	90° BEND	TEE	VALVE	CROSS
2"	1.5x1'	1.5x1'	1.5x1'	1.5x1'	1.5x1'
4"	1x1'	1x1'	2x1'	2x1'	1x1'
6"	1.5x1'	1x1'	2x1'	2x1'	1x1'
8"	2x1'	1x1'	2x2.5'	2x2'	1x1.5'
10"	2x2.5'	1.5x2'	2x3.5'	2x3'	2x2'
12"	2x3.5'	1.5x2.5'	3x3.5'	3x3'	2x2'
16"	3x4'	2x3'	4x4.5'	3x4.5'	3x3.5'

9/12

INSTALLATION

DATE	SCALE	SHEET NO.
FEB-00	A1 1/4"=1'	