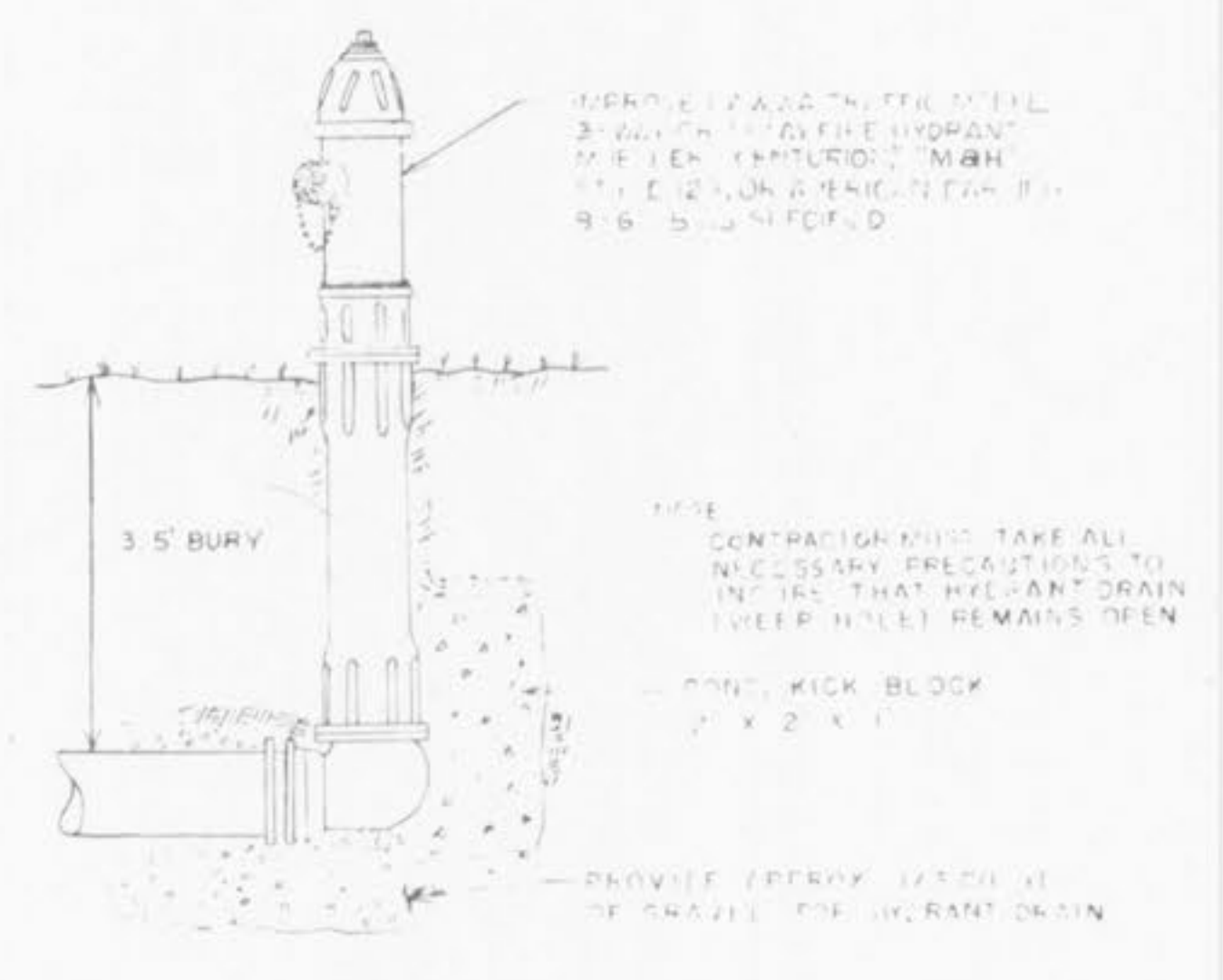
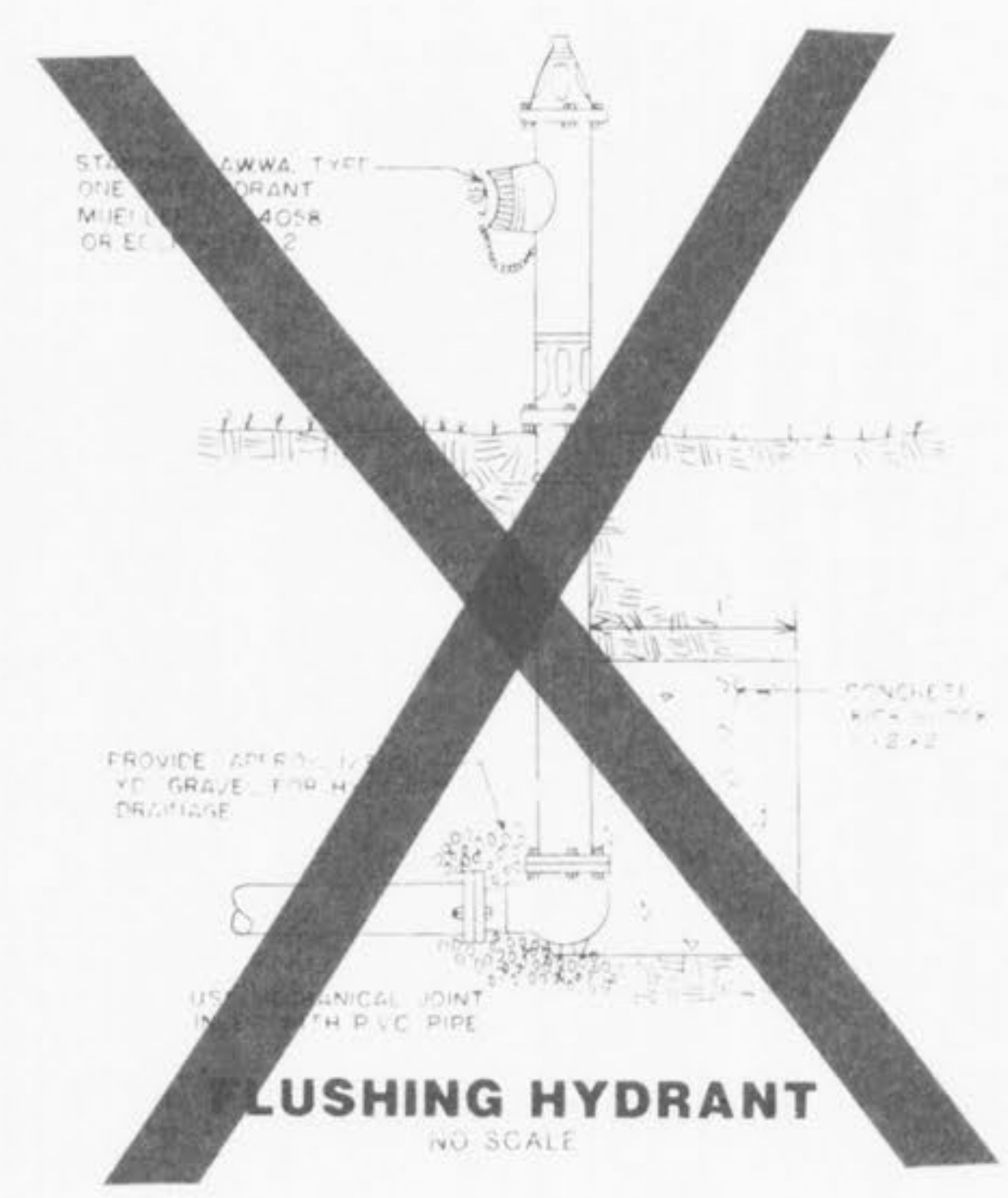
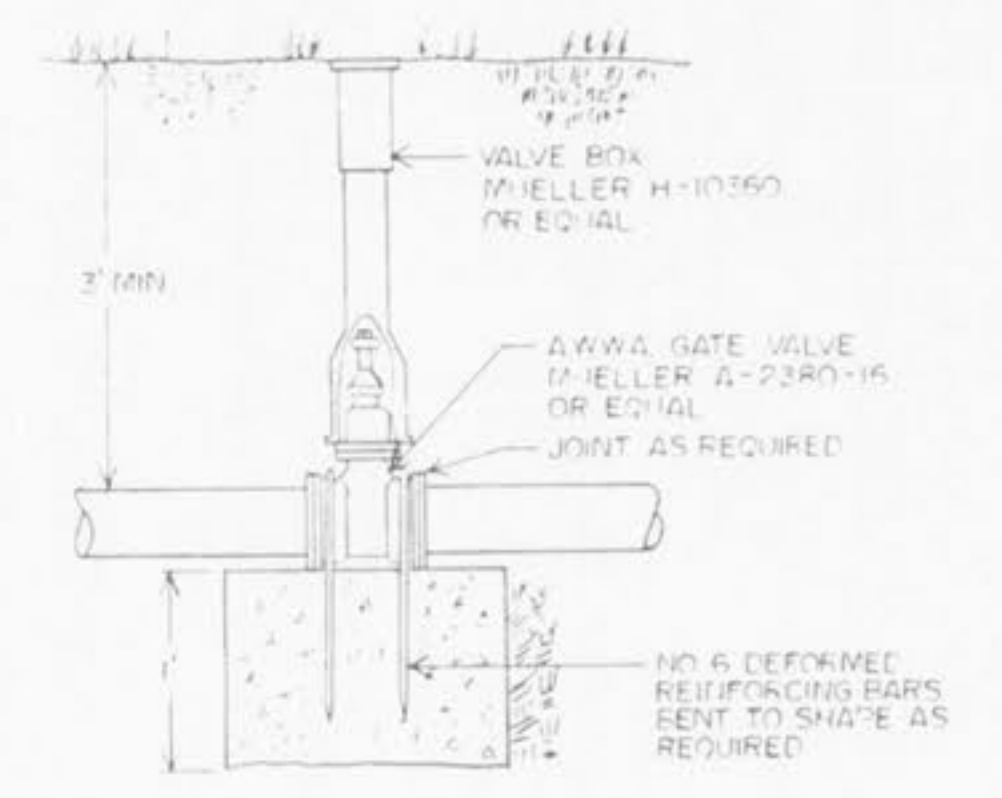
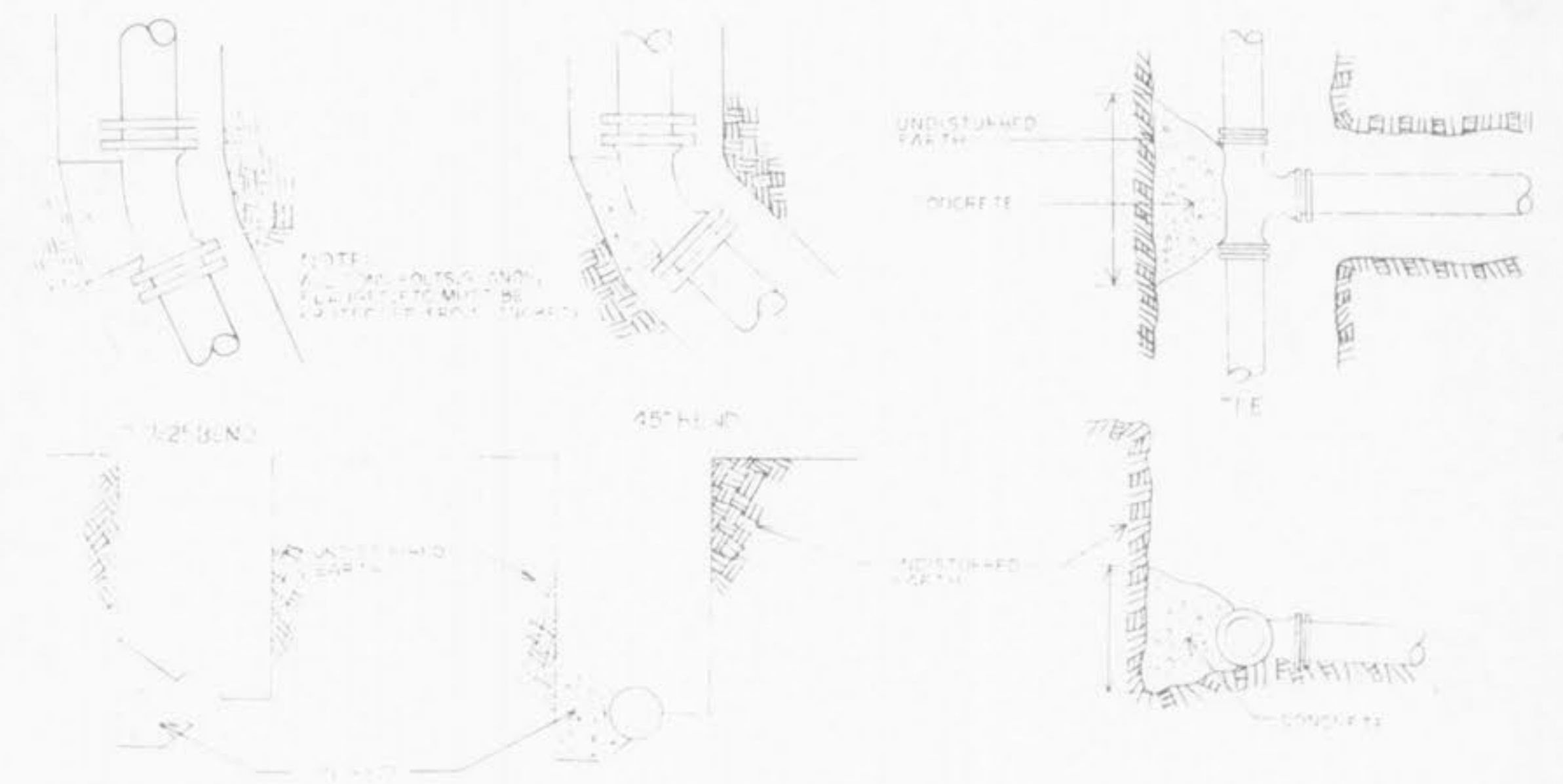


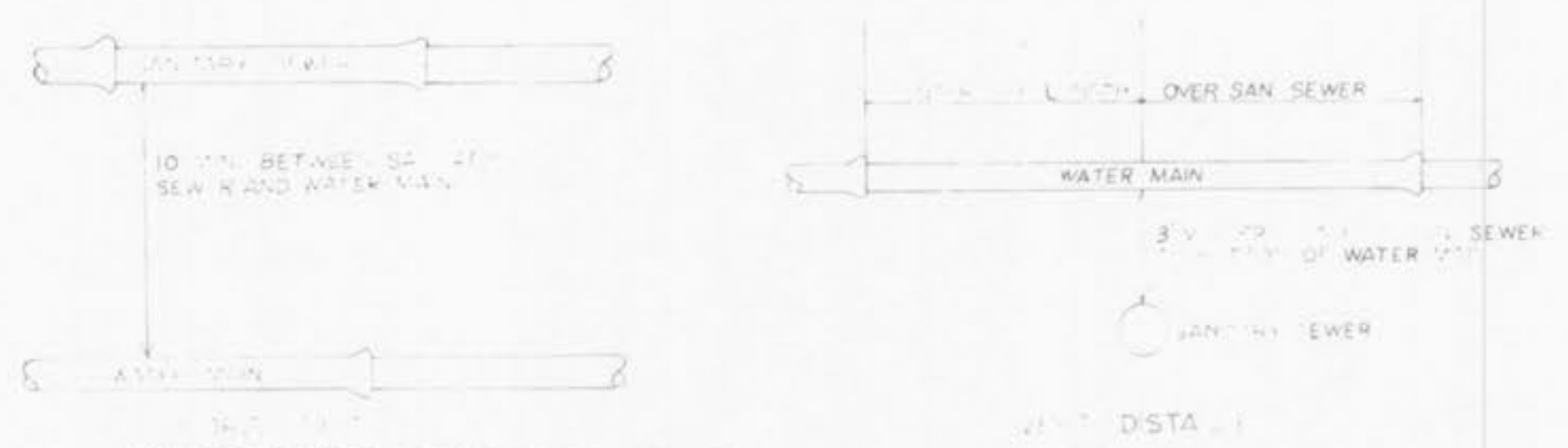
**TYPICAL WATER MAIN INSTALLATION DETAILS**  
NO SCALE



**FIRE HYDRANT INSTALLATION DETAIL**  
NO SCALE



**TYPICAL THRUST BLOCK DETAIL**  
NO SCALE



**TYPICAL WATER & SEWER SEPARATION**  
NO SCALE

MAIN SIZE	MINIMUM EMBANKMENT DIMENSIONS AT EACH END OF PIPE				
	45° BEN	22½° BEN	TEE	VALVE	DEPOS
2"	1.5'x1'	1.5'x1'	1.5'x1'	1.5'x1'	1.5'x1'
4"	2'x1'	1.5'x1'	2'x1'	2'x1'	1.5'x1'
6"	1.5'x1.5'	1.5'x1'	2'x1'	2'x1'	1.5'x1'
8"	2'x1'	1.5'x1'	2'x2.5'	2'x2'	1.5'x1.5'
10"	2'x2.5'	1.5'x2.5'	2'x3.5'	2'x3'	2'x2'
12"	2'x3.5'	1.5'x3.5'	3'x3.5'	3'x3'	2'x2'
16"	3'x4'	2'x3'	4'x4.5'	3'x4.5'	3'x3.5'

ST. CHARLES COUNTY  
PUBLIC WATER SUPPLY DISTRICT  
NO. 2

Approved by: *DYRAN ENGINEERING COMPANY*  
WASHINGTON, MISSOURI

APPROVED: \_\_\_\_\_

**TYPICAL WATER INSTALLATION DETAILS**

DATE	SCALE	SHEET NO.	REVISIONS
FEB. 98	AS SHOWN		

16  
20