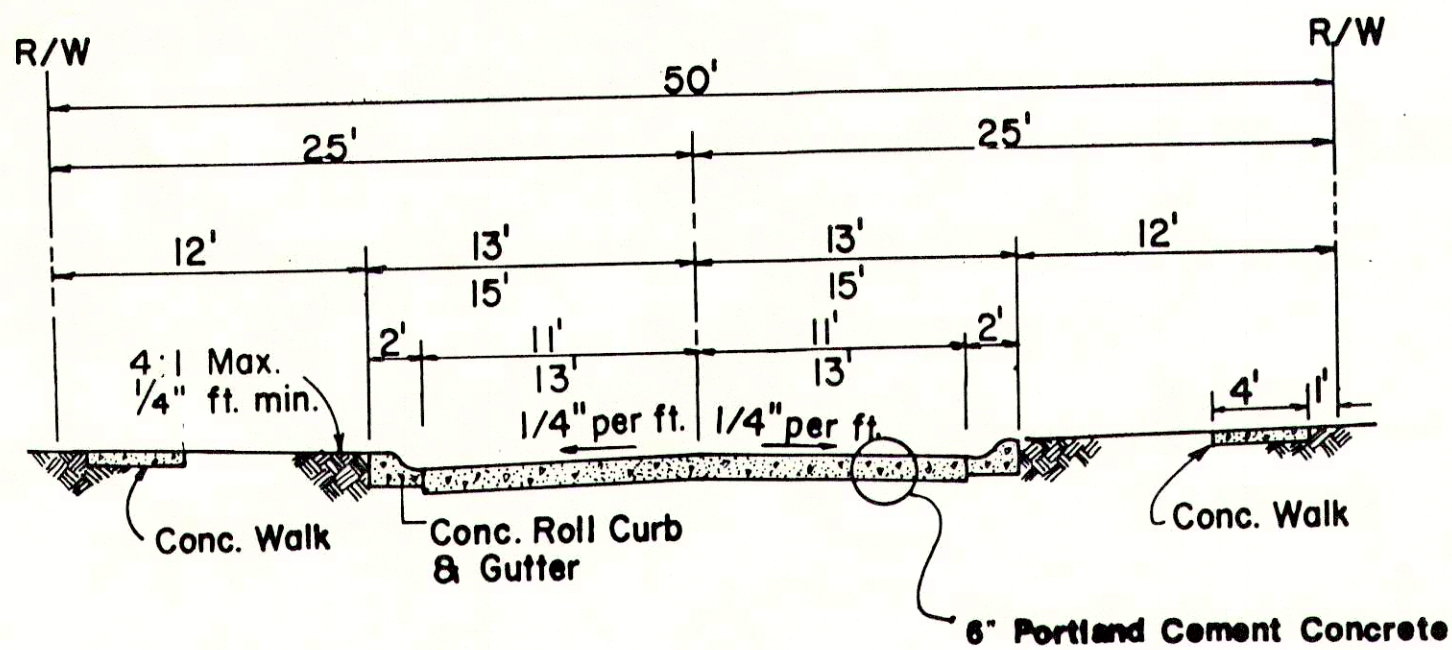
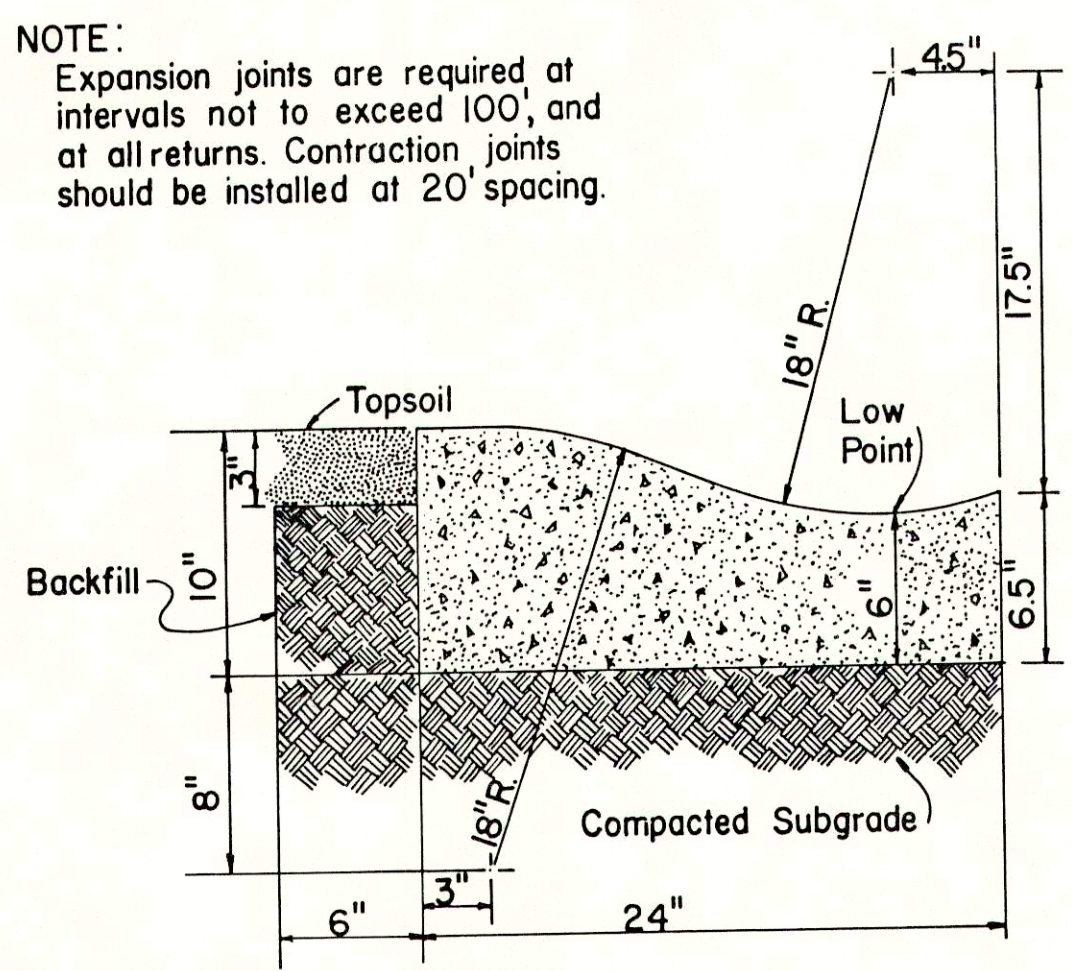
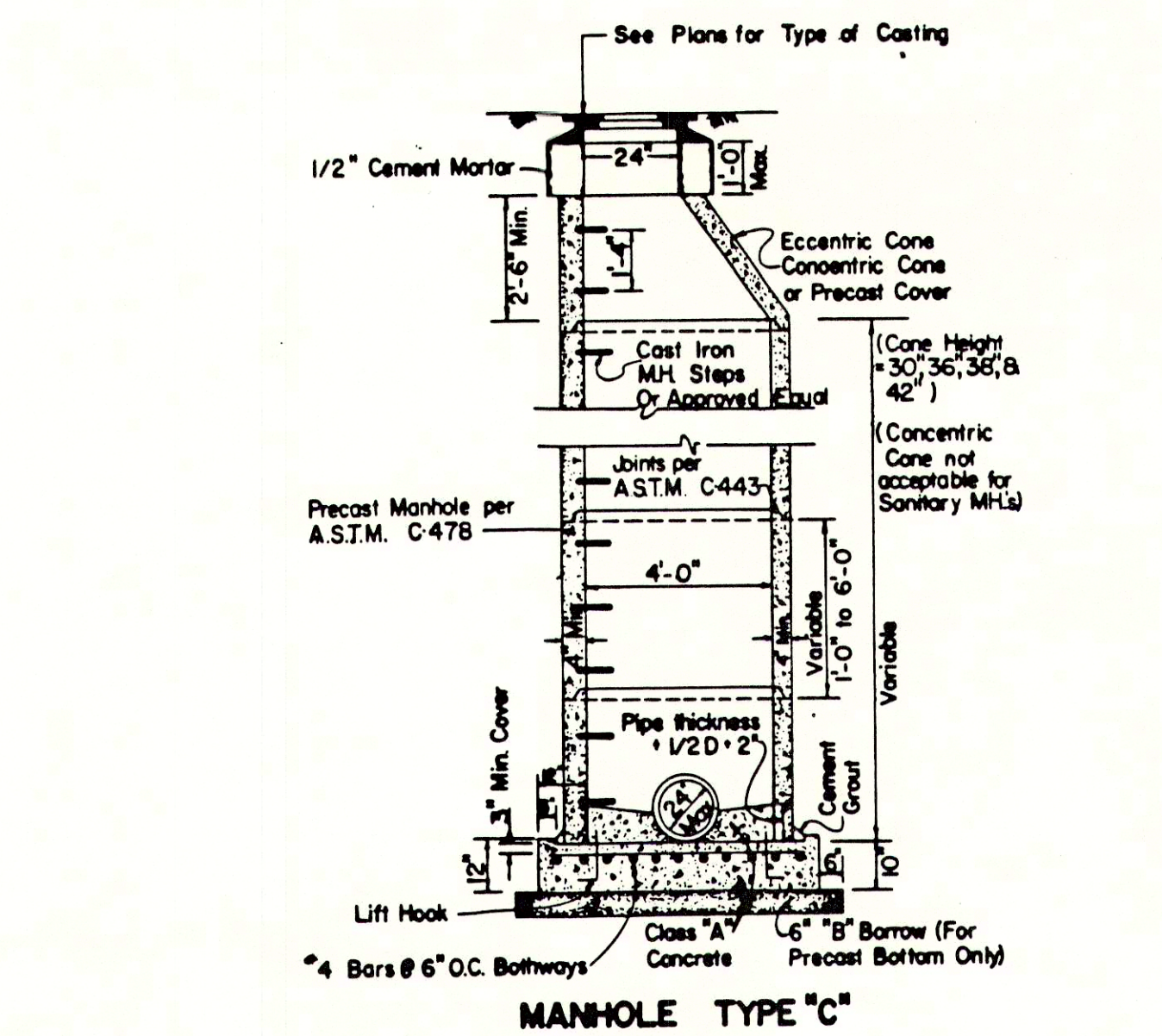




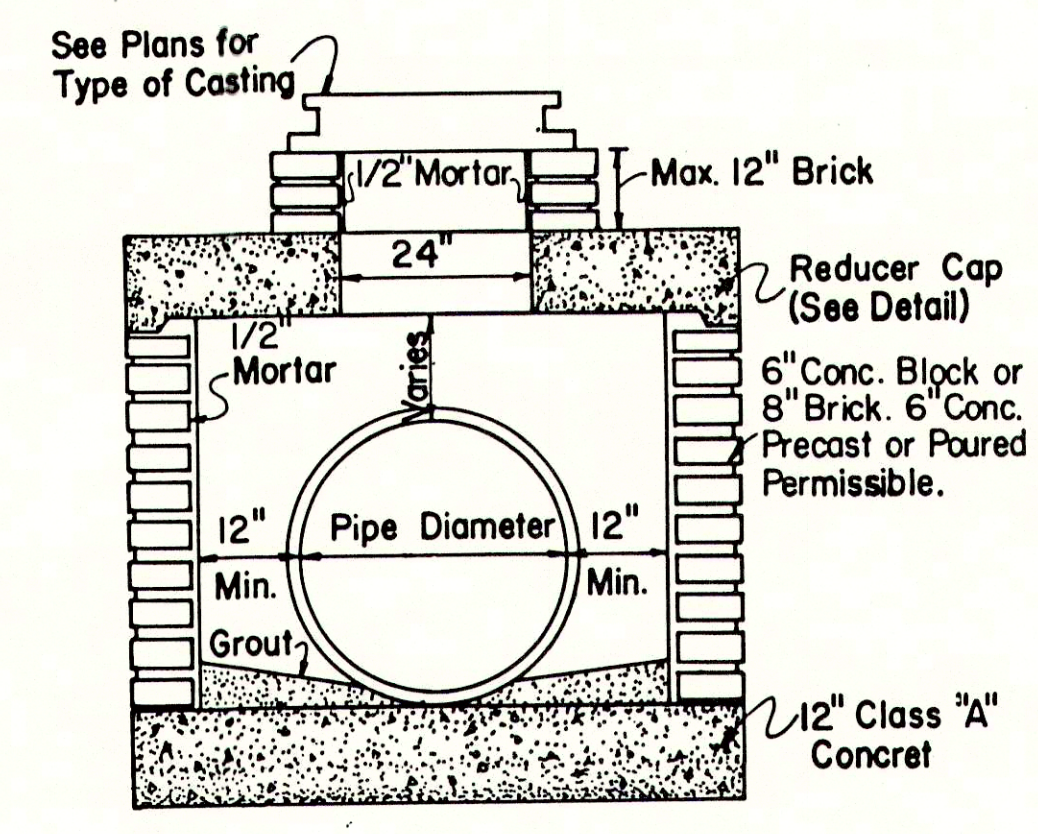
TYPICAL STREET CROSS SECTION



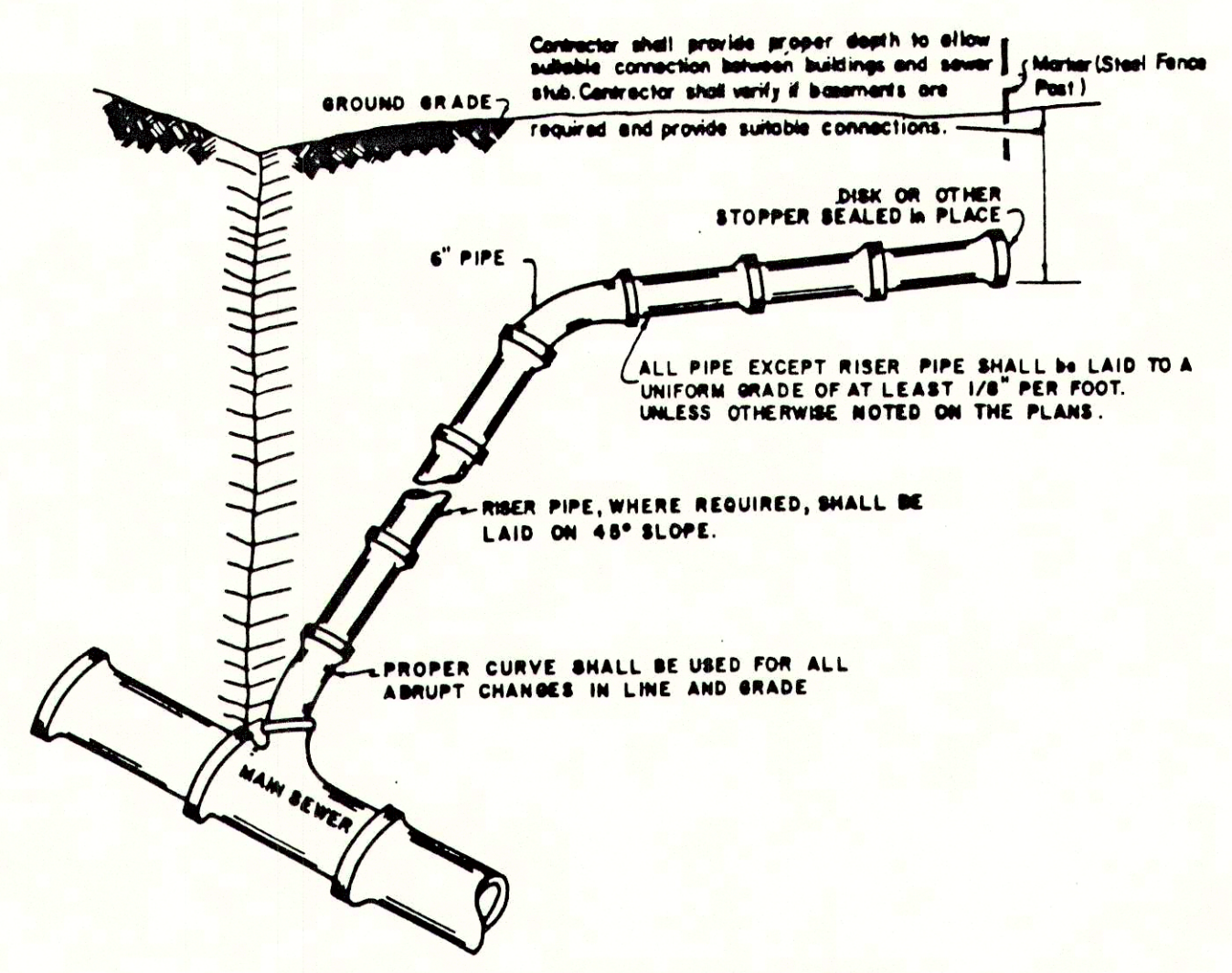
CONCRETE ROLL CURB & GUTTER



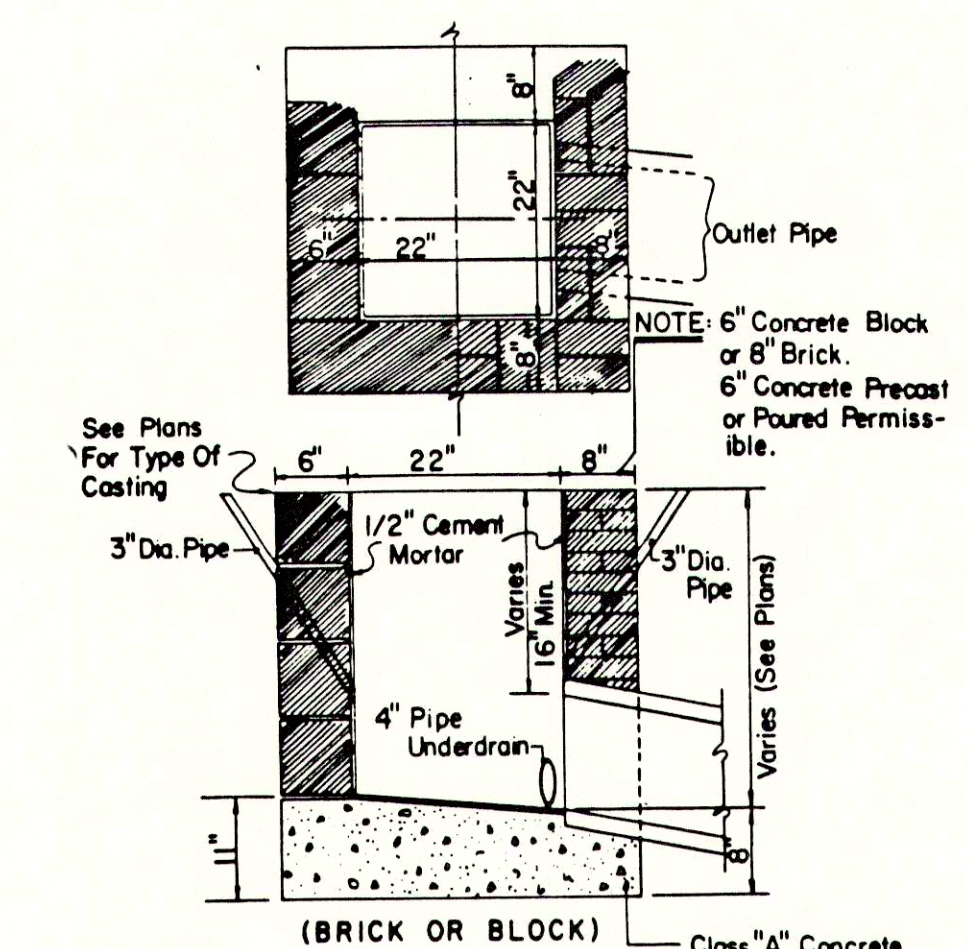
MANHOLE TYPE "C"



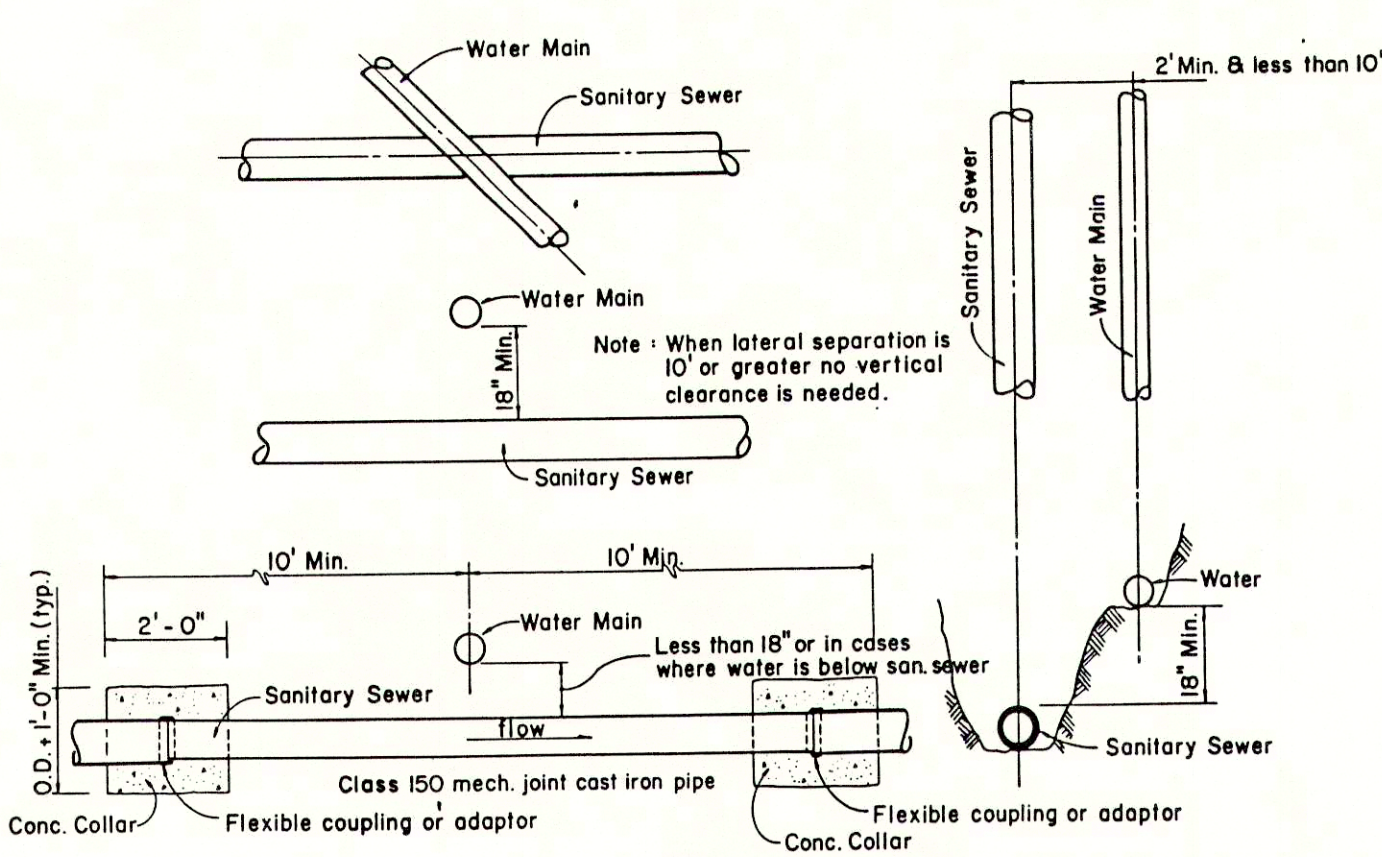
MANHOLE TYPE "B"



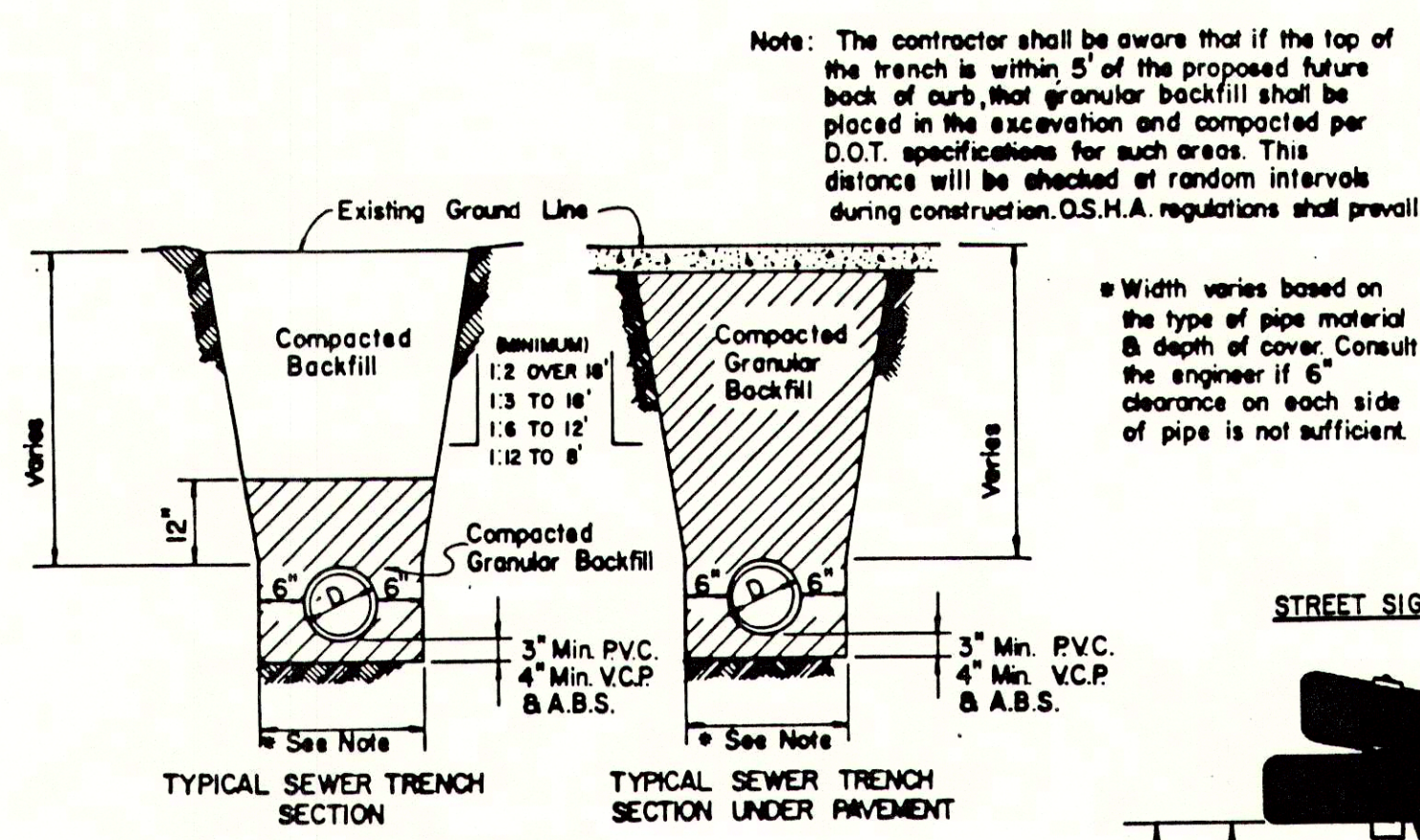
LATERAL CONNECTION DETAIL



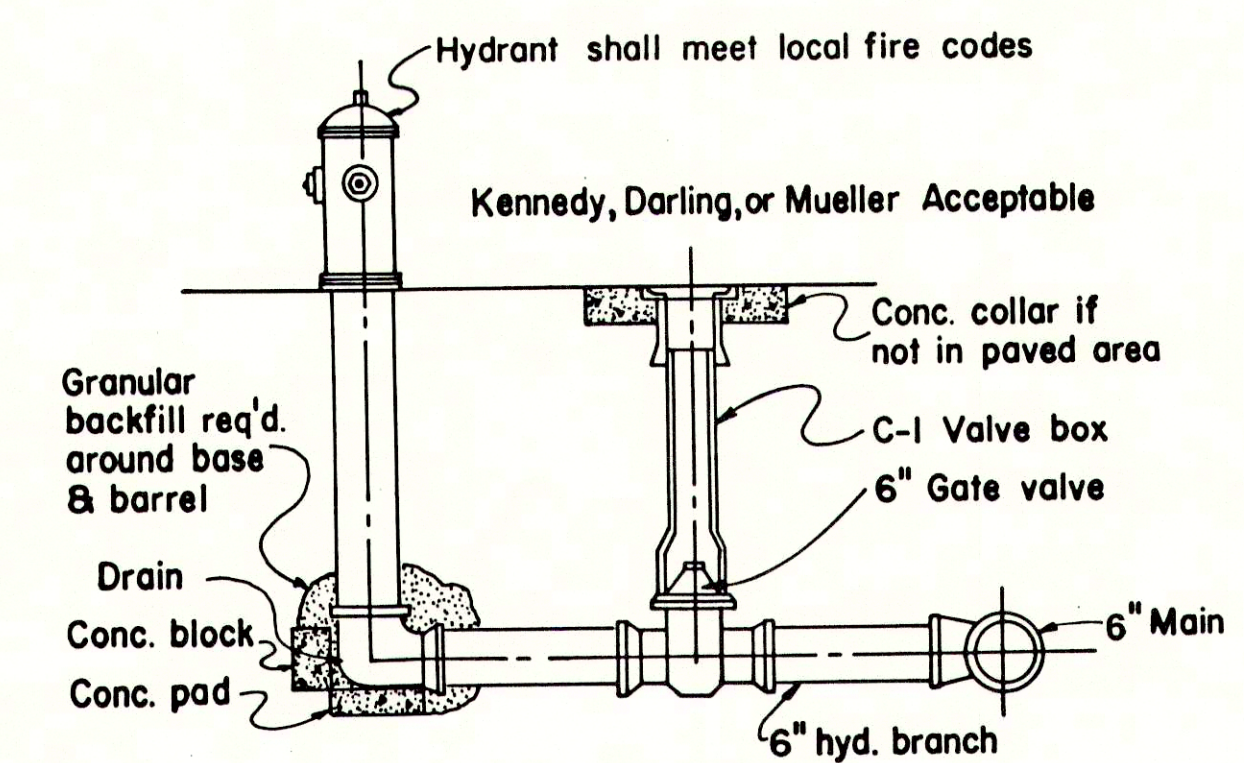
INLET TYPE "A"



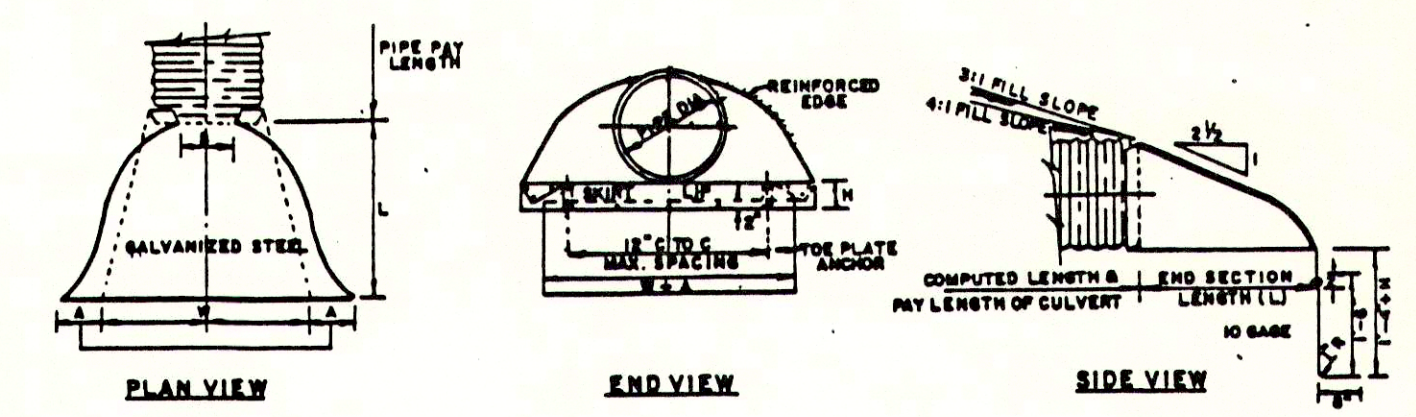
MIN. CROSSOVER & SEPARATION REQUIREMENTS FOR WATER MAINS & SANITARY SEWERS



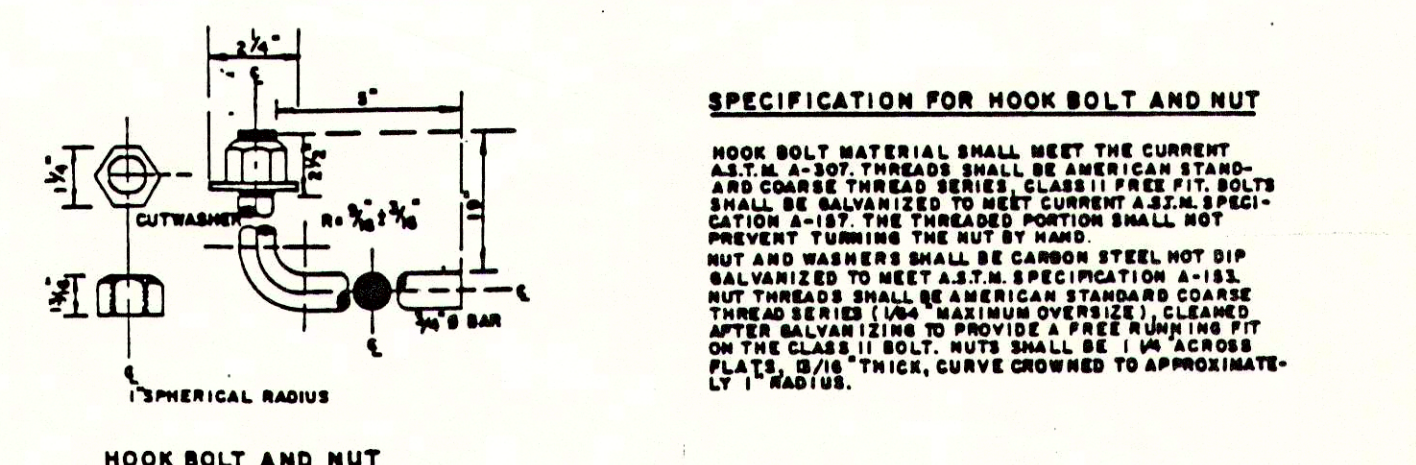
SANITARY SEWER TRENCH DETAILS



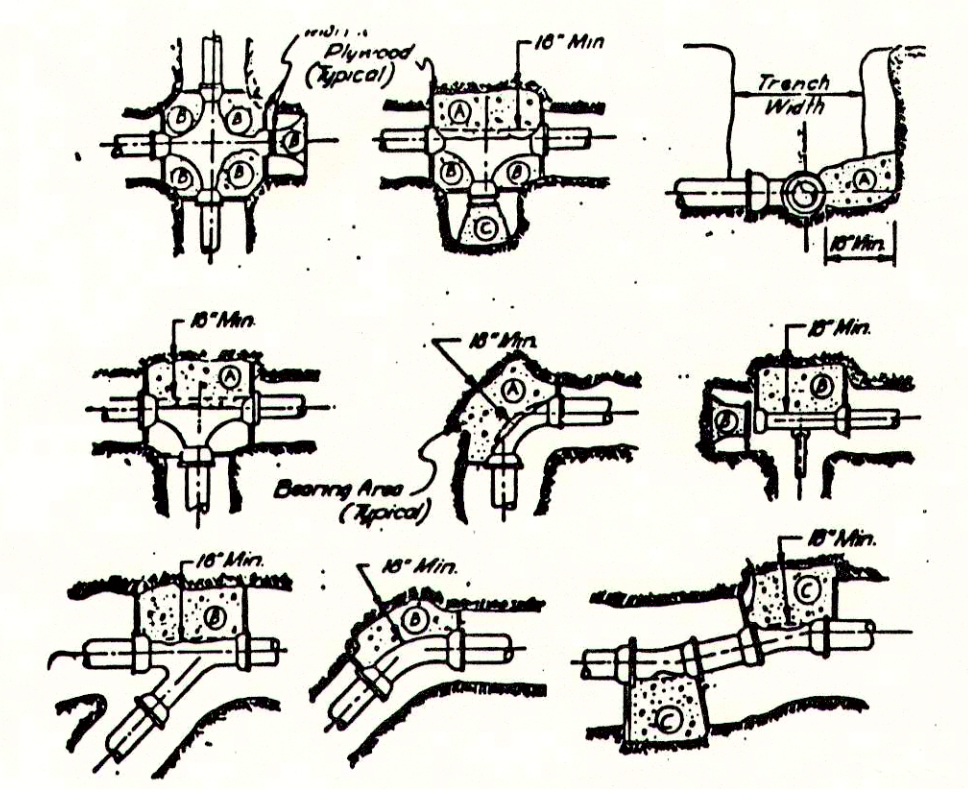
HYDRANT DETAIL



NOTES:
END SECTIONS AND THE PLATE ANCHORS SHALL CONFORM TO ALL APPLICABLE REQUIREMENTS AS SET OUT IN THE STANDARD SPECIFICATIONS.
IF ALUMINUM ALLOY PIPE CULVERT IS FURNISHED, ALUMINUM ALLOY END SECTIONS SHALL ALSO BE USED AND ALL COMPONENT PARTS SHALL BE ALUMINUM ALLOY AS SET OUT IN THE STANDARD SPECIFICATIONS.
MULTIPLE PANEL BODIES SHALL HAVE LAP BEAMS WHICH SHALL BE THIRTIETHLY JOINTED WITH 3/8\"/>

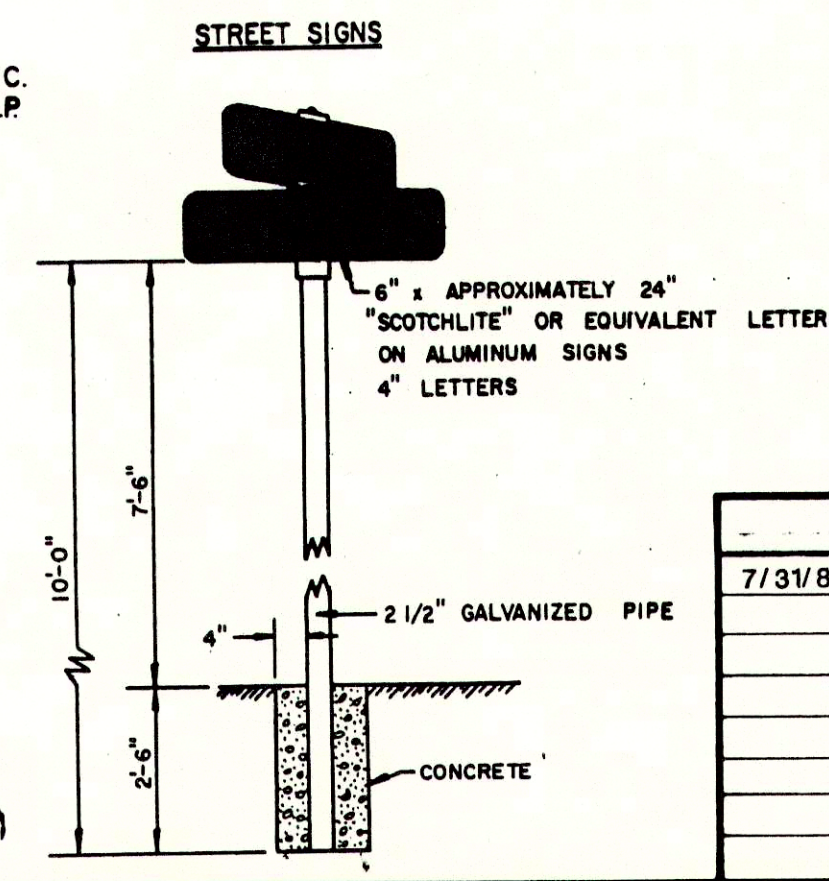


METAL END SECTION



THRUST BLOCK TABLE					
Mark	Ratio of Non-Portable System (150 PSI Test Pressure)				
	4"	6"	8"	10"	12"
A (80')	1.1	2.0	4.0	7.5	12.2
B (45')	0.7	1.4	2.5	4.0	5.7
C (22 1/2')	0.3	0.8	1.3	2.0	2.9

1. Above table indicates cu ft of concrete required with a soil pressure of 2000 P.S.F. minimum.
2. Place paper or plastic between filling of concrete.



Revisions and Dates:	Designed by:	DENNIS M. NEIDICH 13325 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER
7/31/89 Added Street Signs Detail	Drawn by:	
	Checked by:	
	Approved by:	
	Date:	7/6/89

MSE Engineering MSE Corporation 941 North Meridian Street Indianapolis, IN 46204-1061 317 634-1000 317 634-3576 FAX	Title: DETAIL SHEET
Scale: Job No.: 111-0745 Tube No.: Sheet No.: 10 Of: 10	