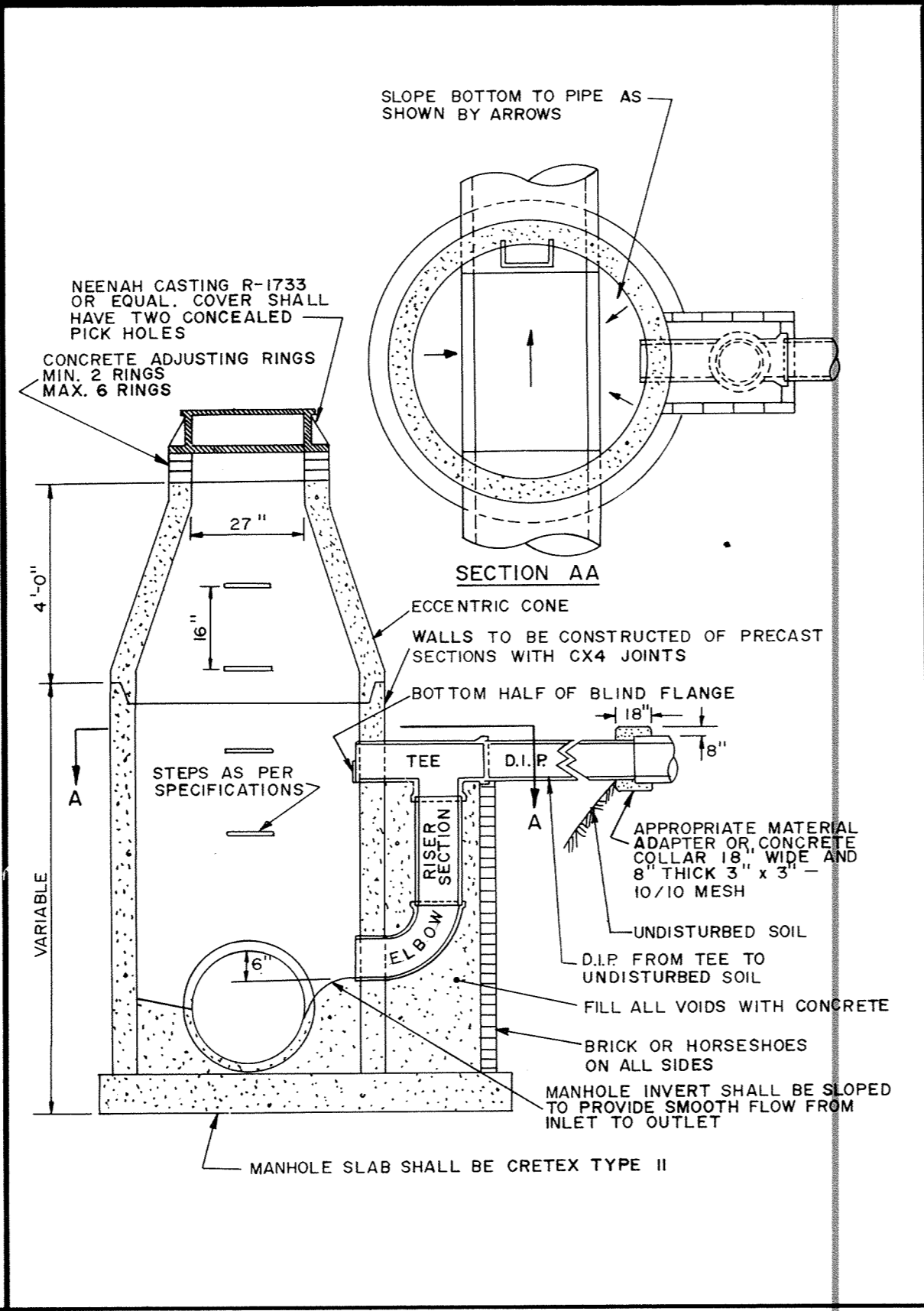
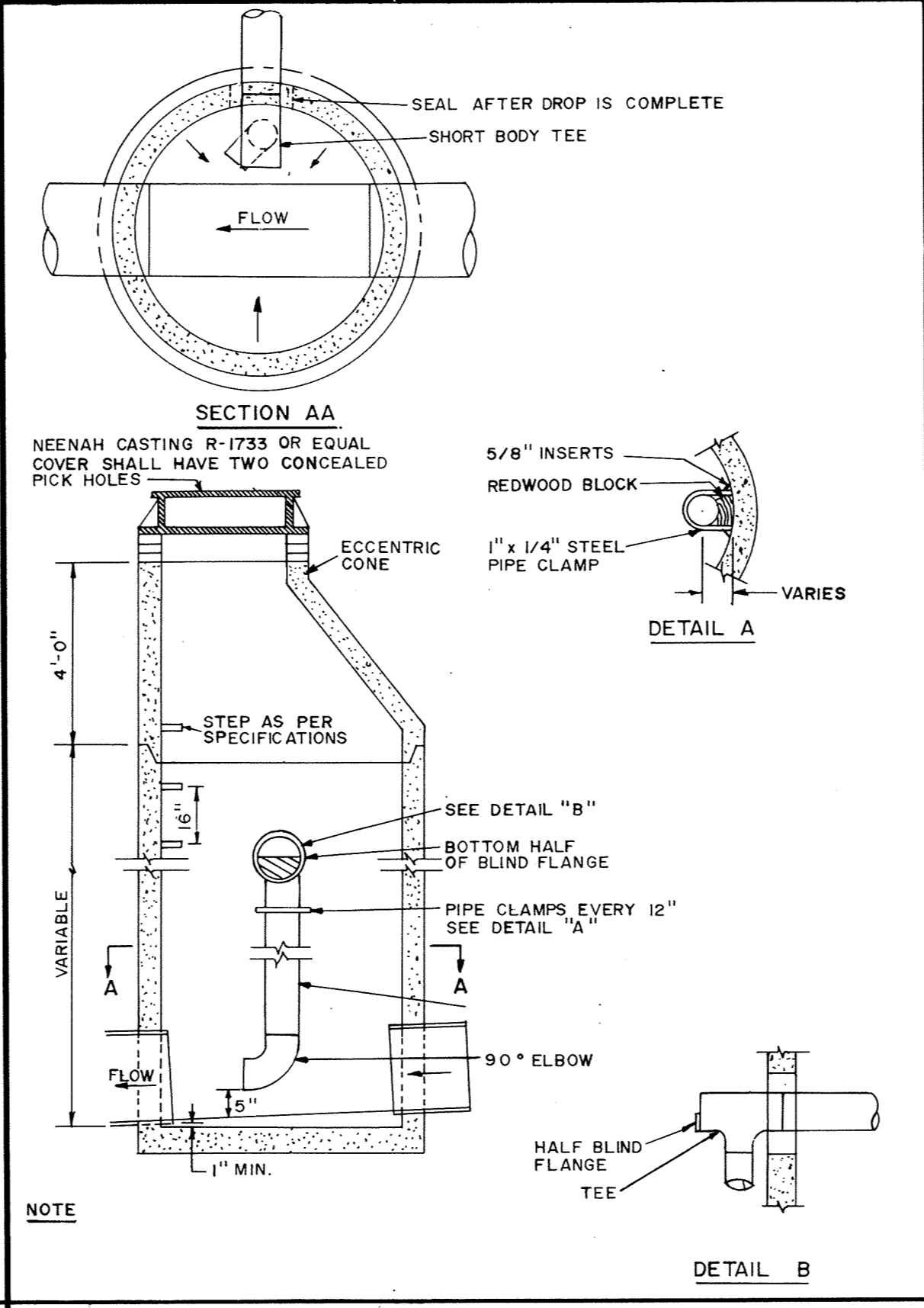


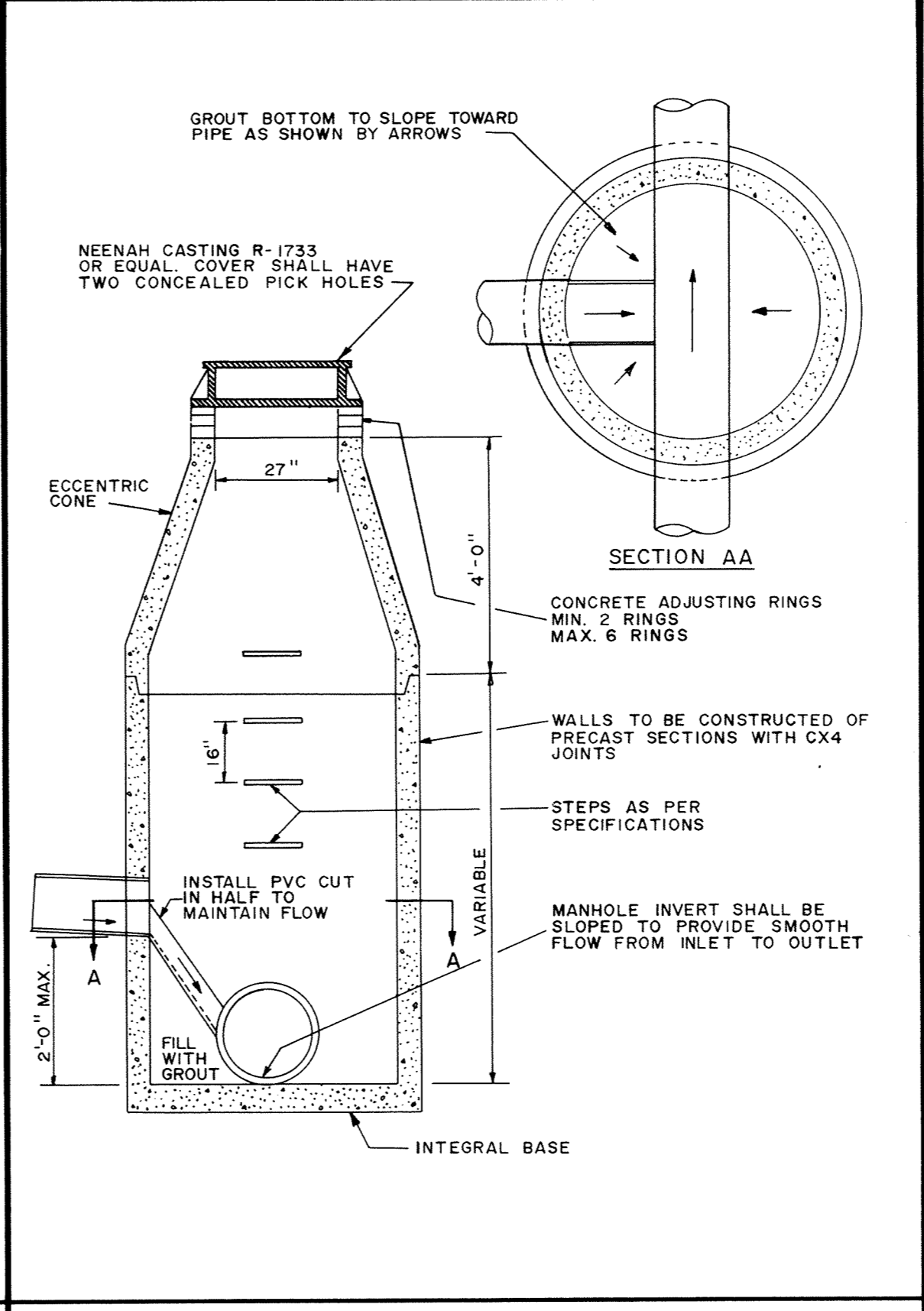
STANDARD AIR RELIEF MANHOLE



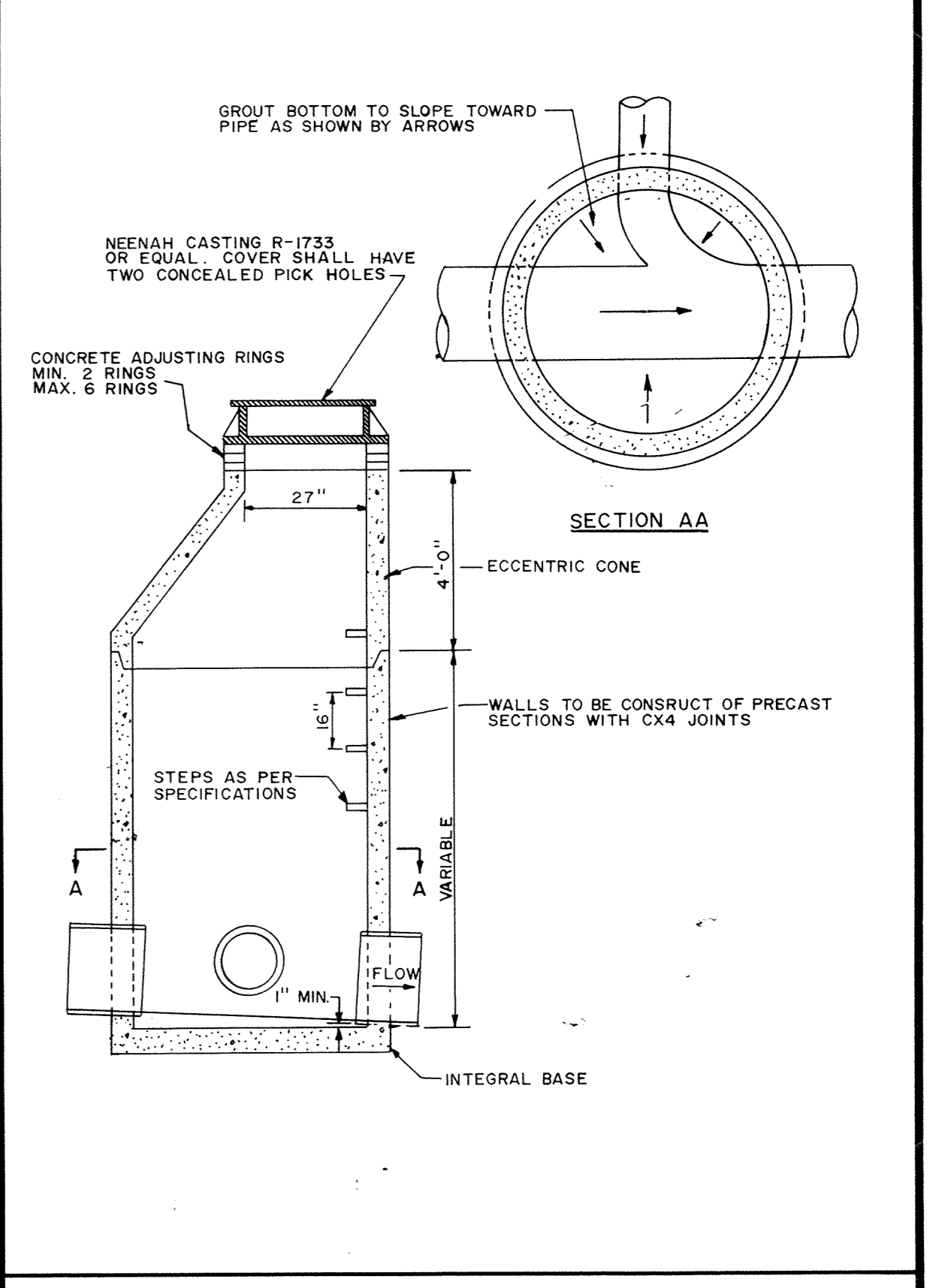
OUTSIDE DROP MANHOLE



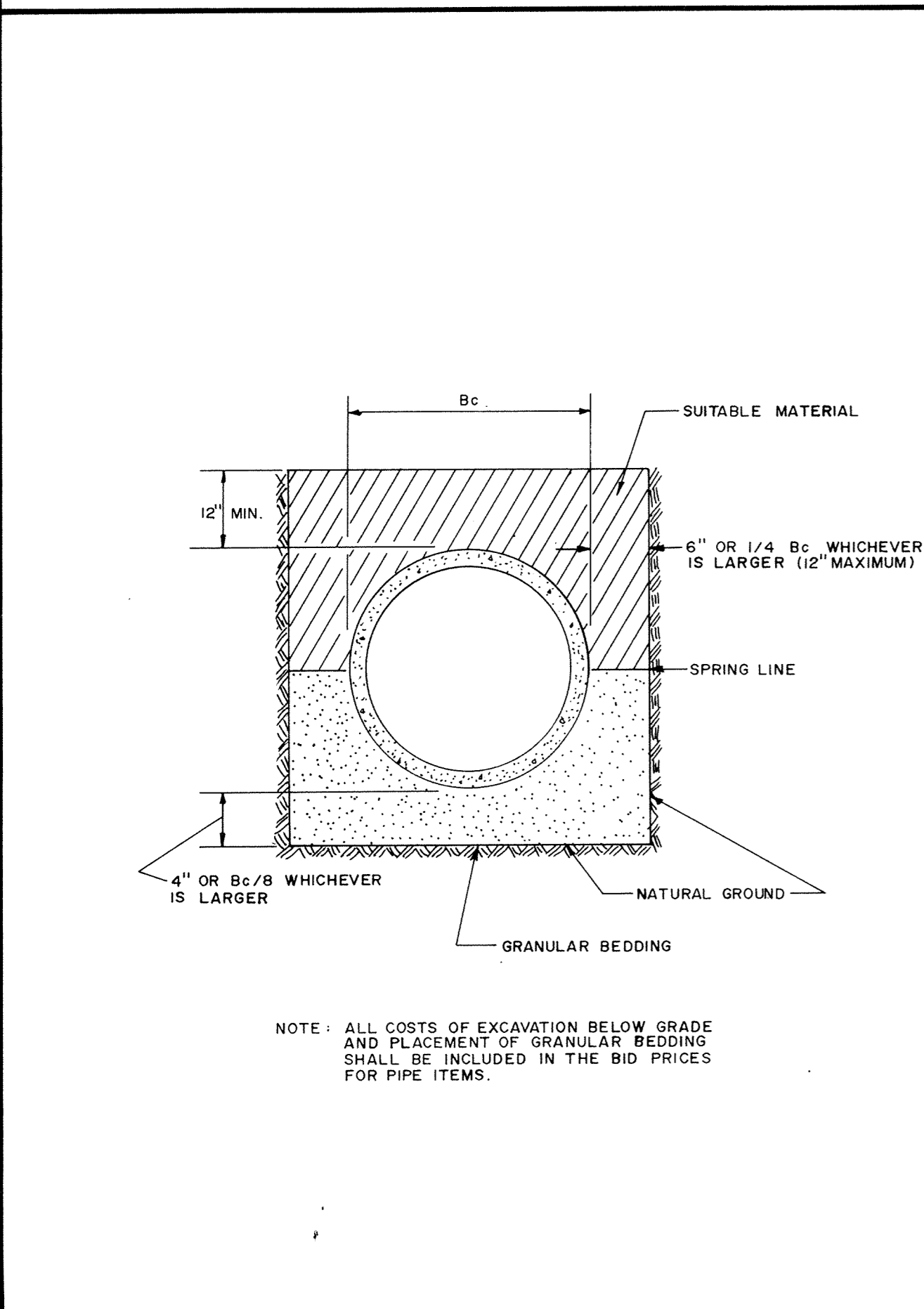
INSIDE DROP MANHOLE



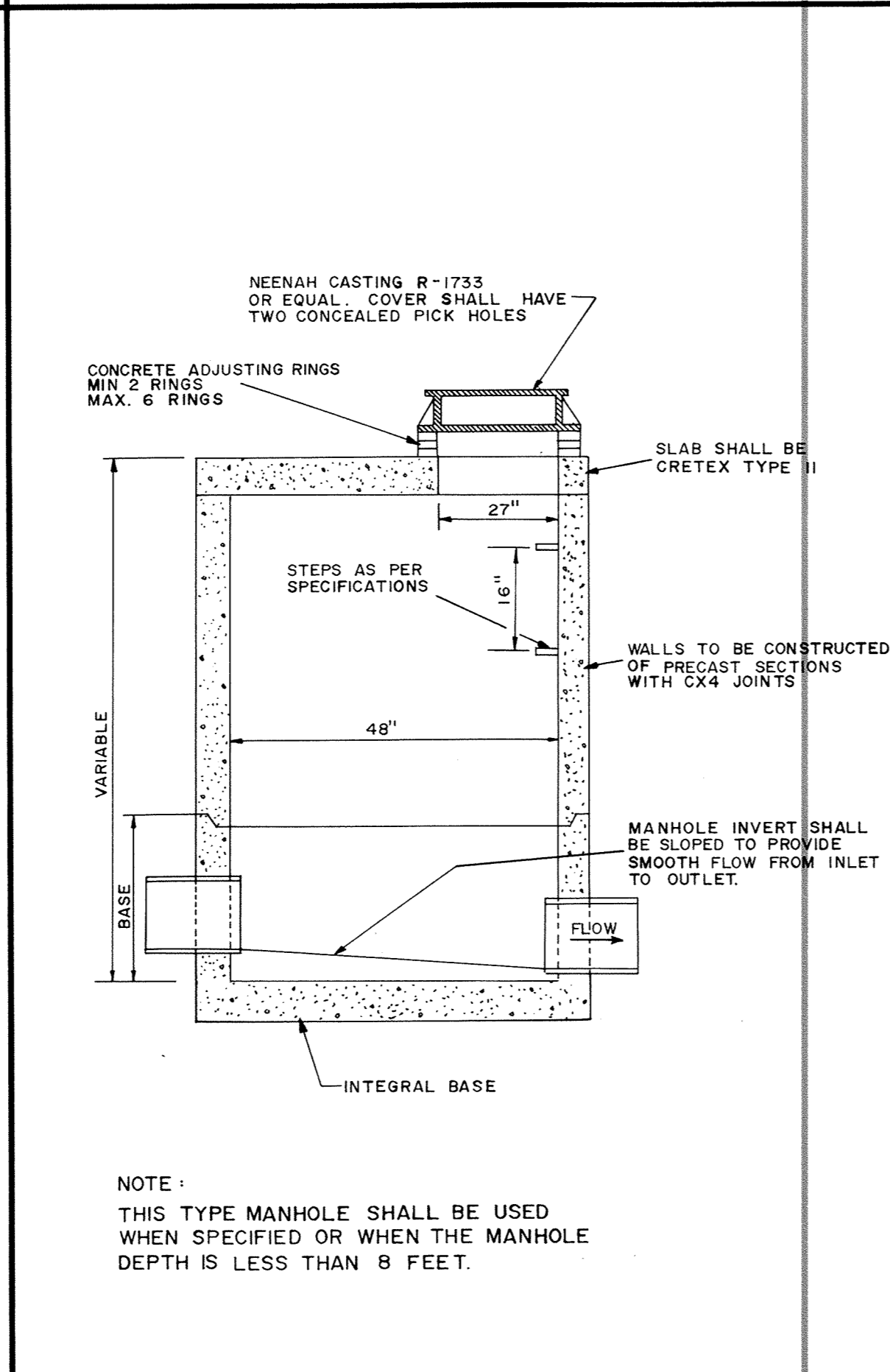
INSIDE DROP MANHOLE (2 FEET OR LESS)



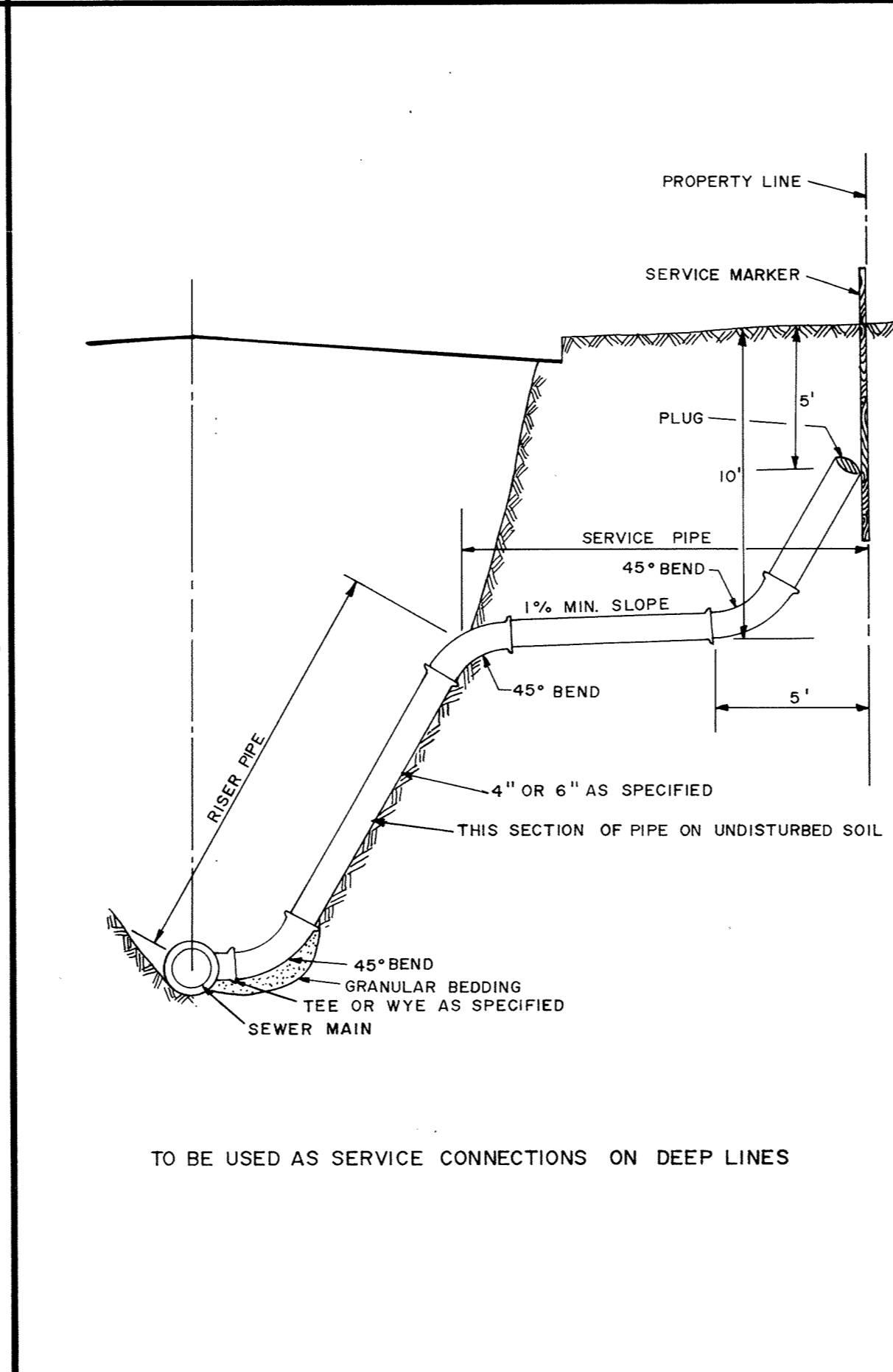
STANDARD MANHOLE



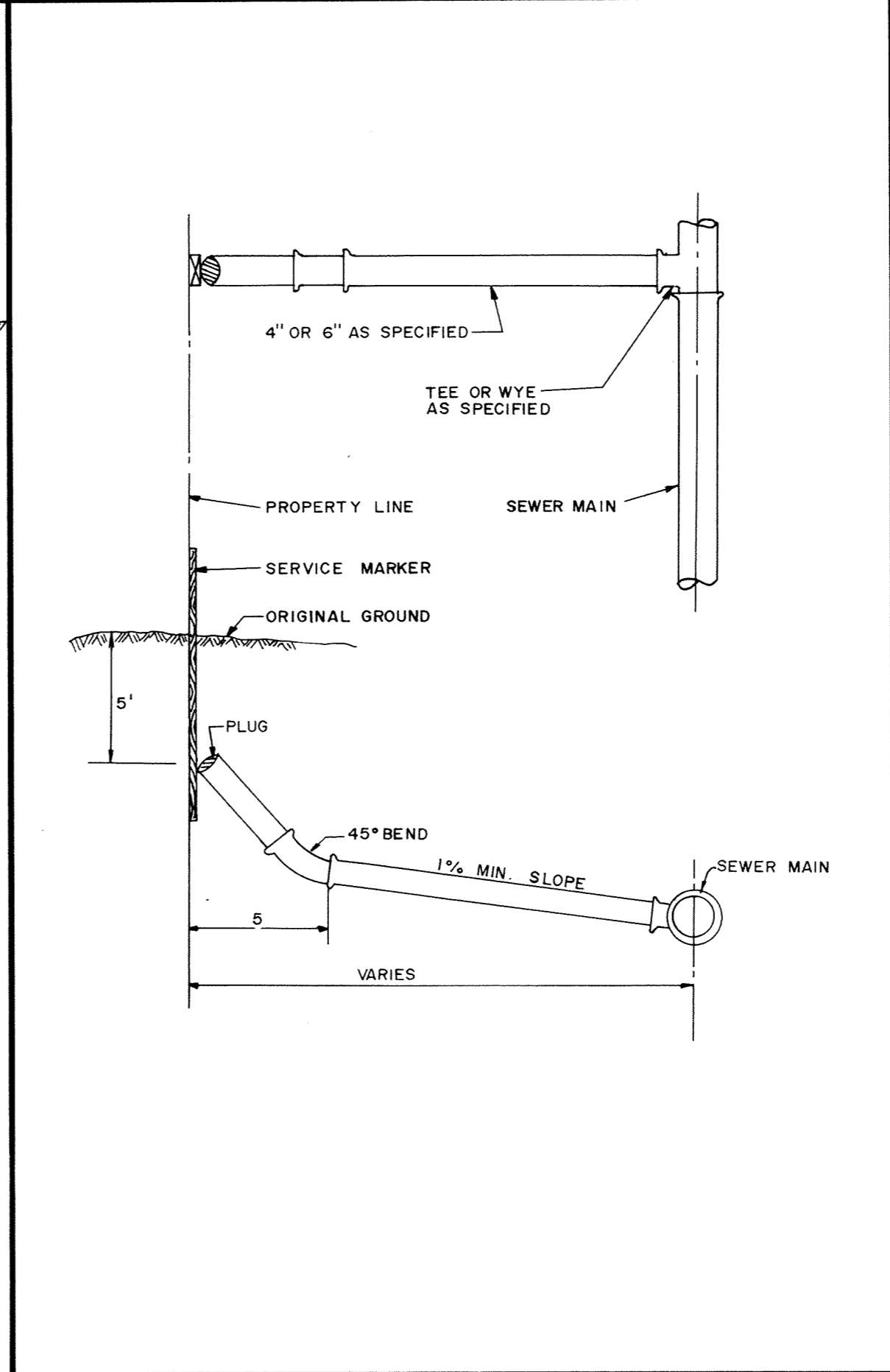
CLASS B PIPE BEDDING



SLAB TOP MANHOLE



SERVICE RISER SECTION



TYPICAL HOUSE SERVICE

**Maier Stewart & Associates Inc.**  
CONSULTING ENGINEERS  
1959 SLOAN PLACE (612) 774 6021 ST. PAUL, MINNESOTA 55117

DATE	DESCRIPTION	DESIGNED
		CHECKED
		DRAWN
		GRAPHIC SCALE
		0 HORIZ. NONE
		0 VERT.

**CITY OF ELK RIVER**  
SANITARY SEWER DETAILS  
DATE *Mar. 1991* SHEET *4* OF *7* SHEETS PROJECT NO. *230-102-30*