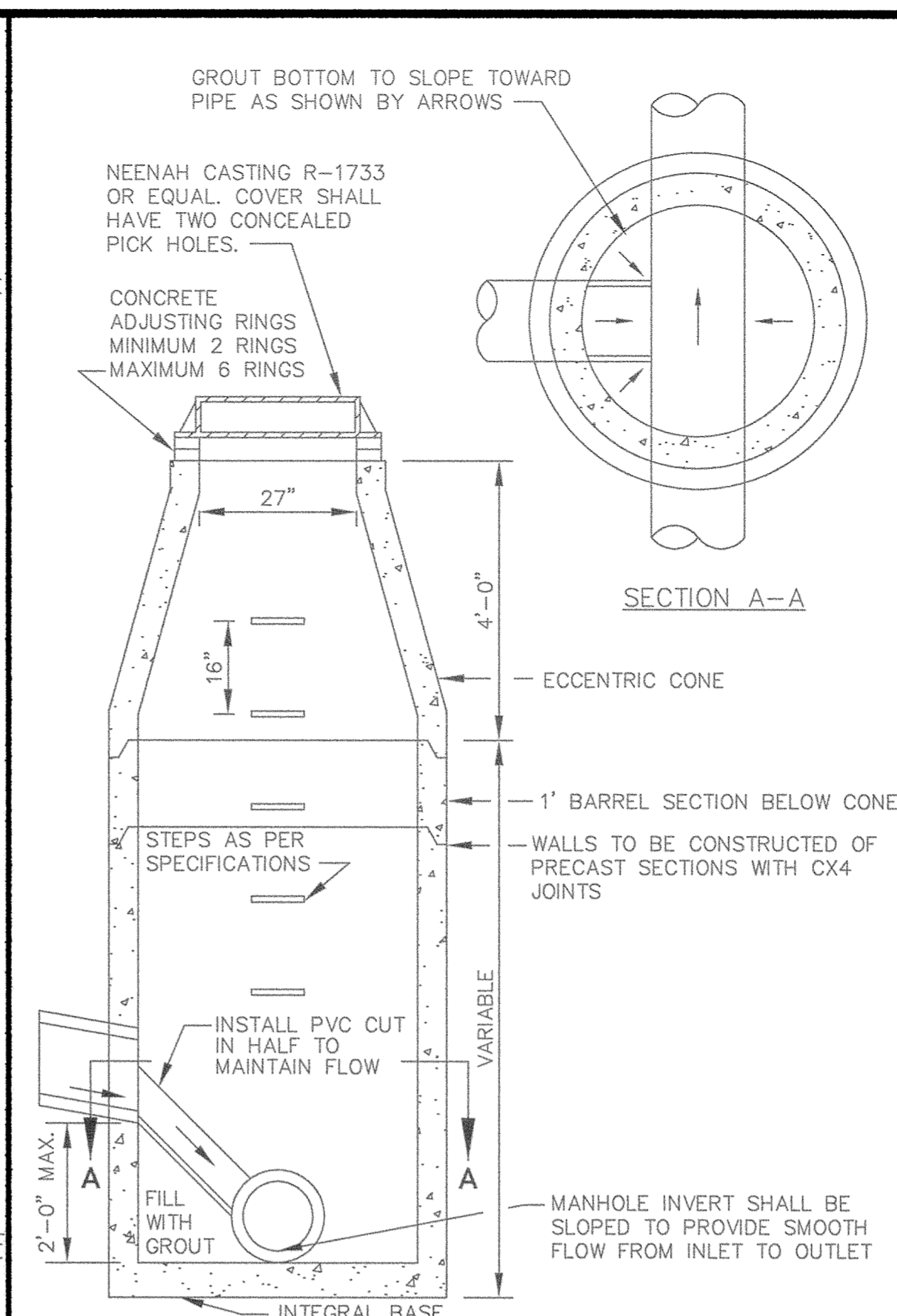
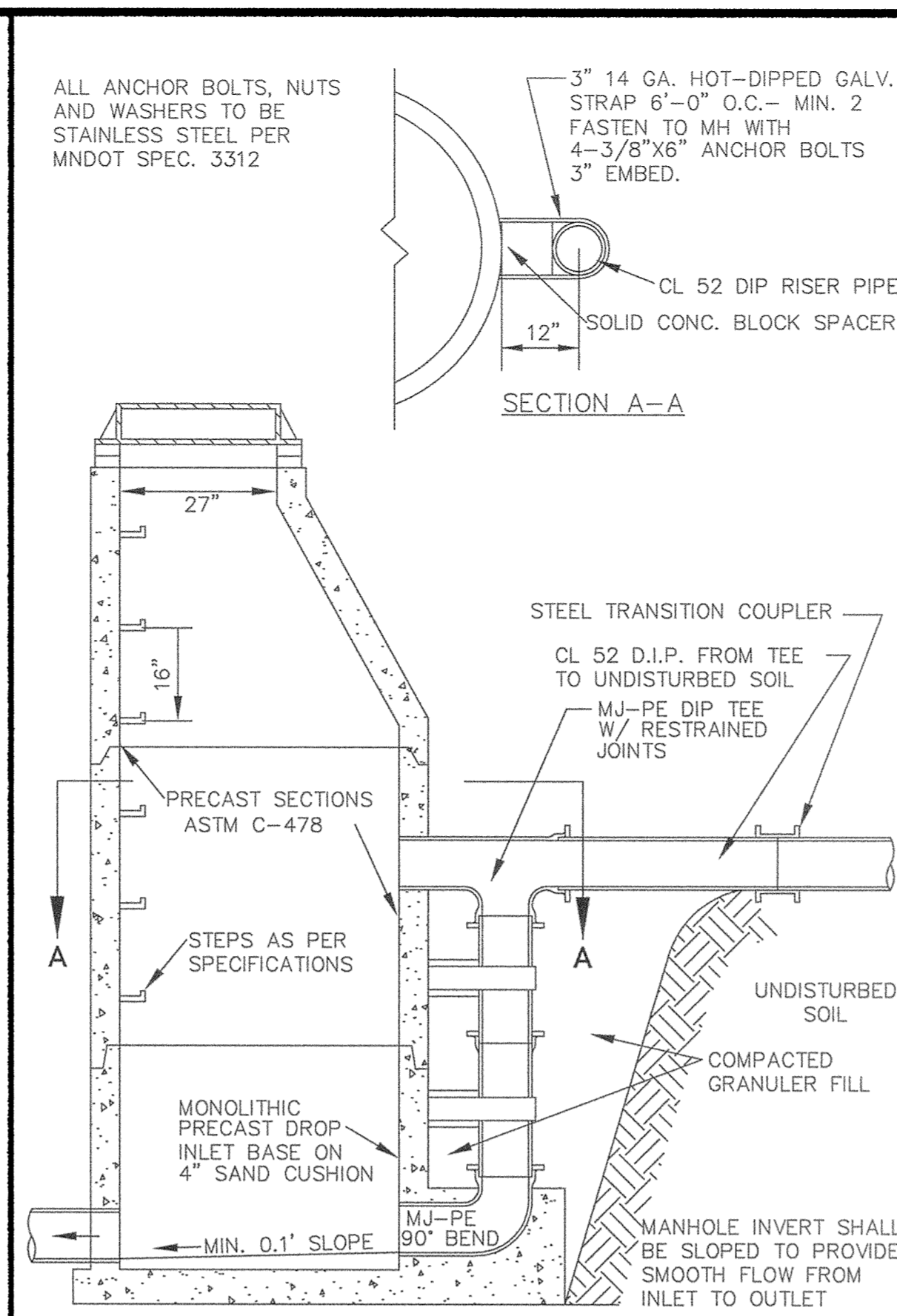


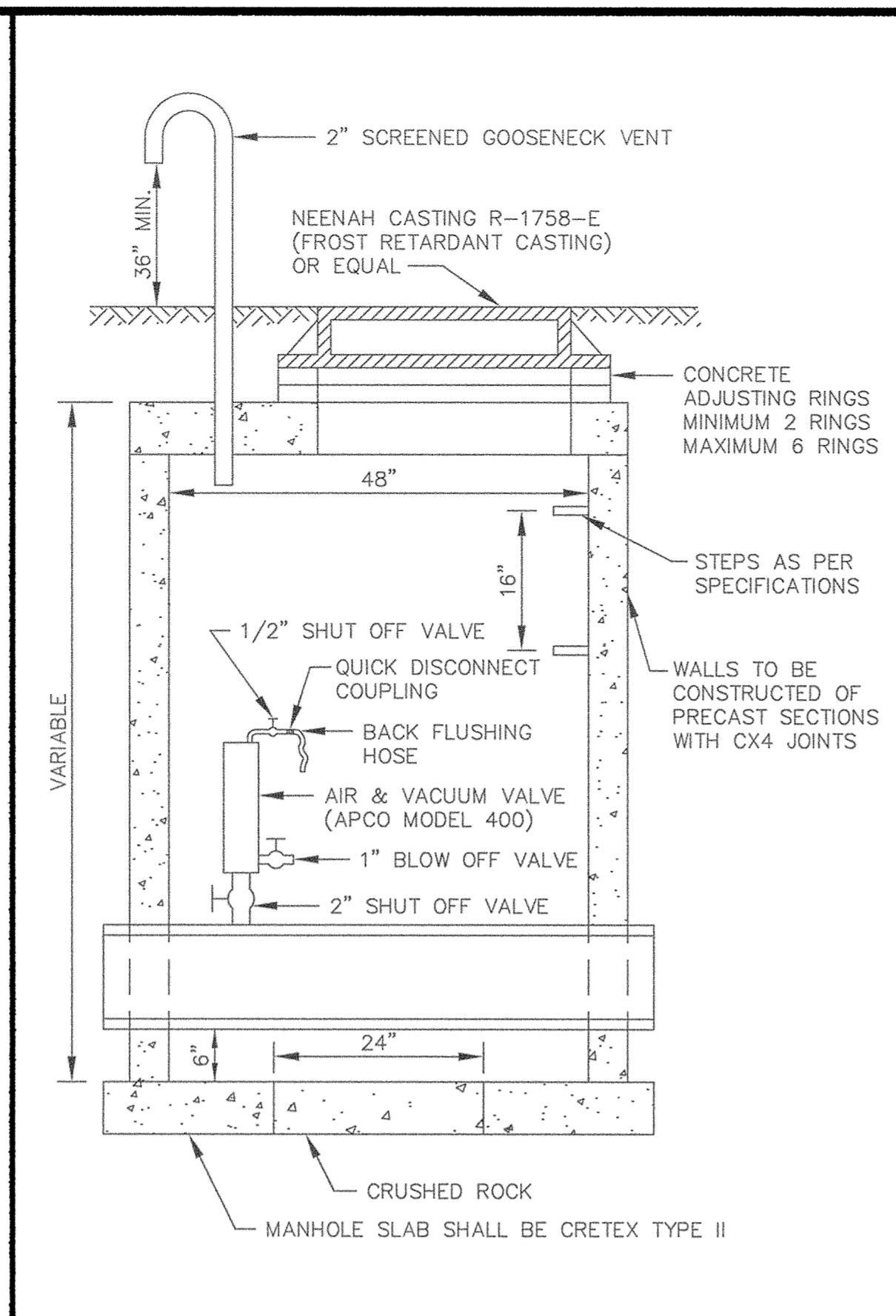
SLAB TOP MANHOLE



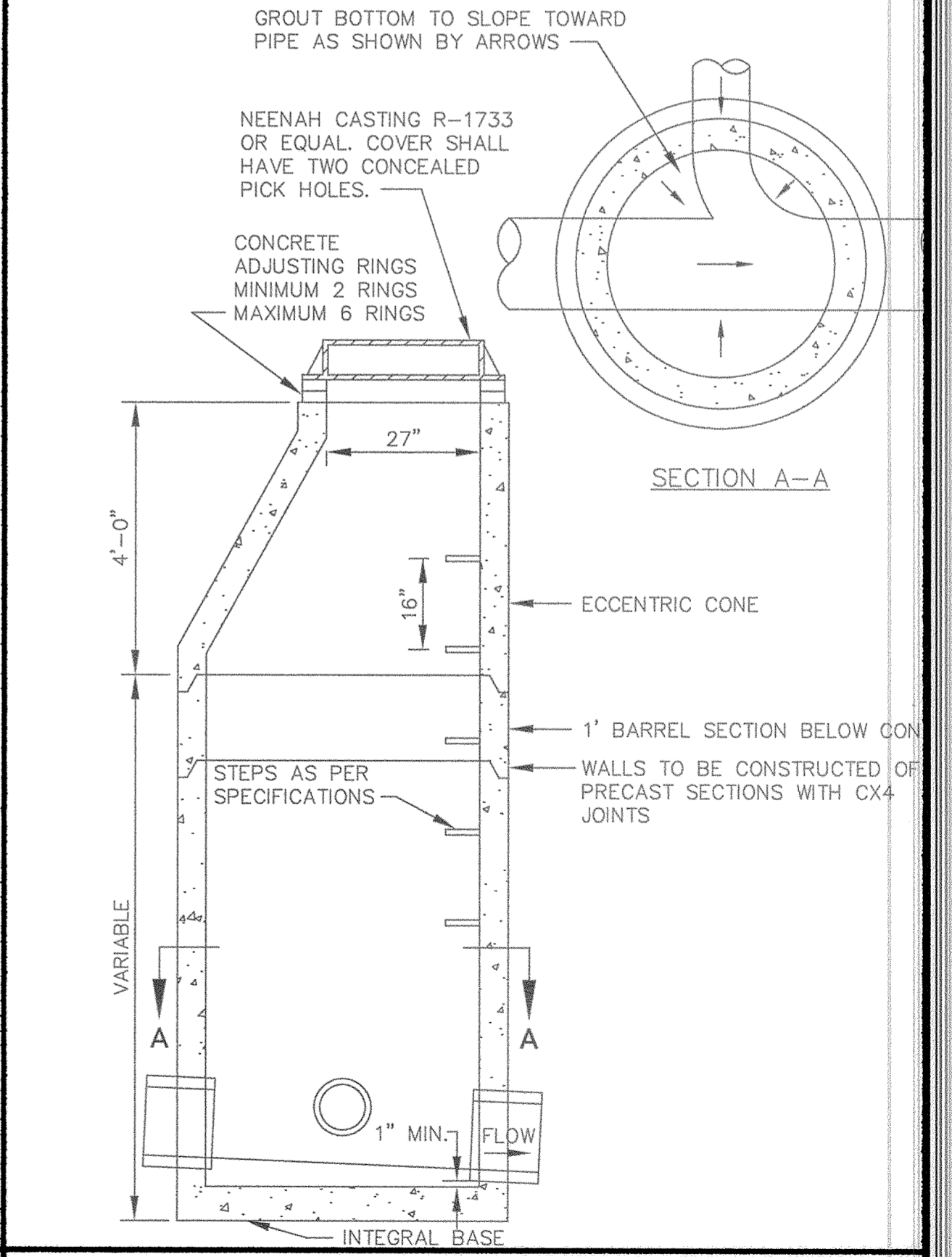
INSIDE DROP MANHOLE (TWO FEET OR LESS)



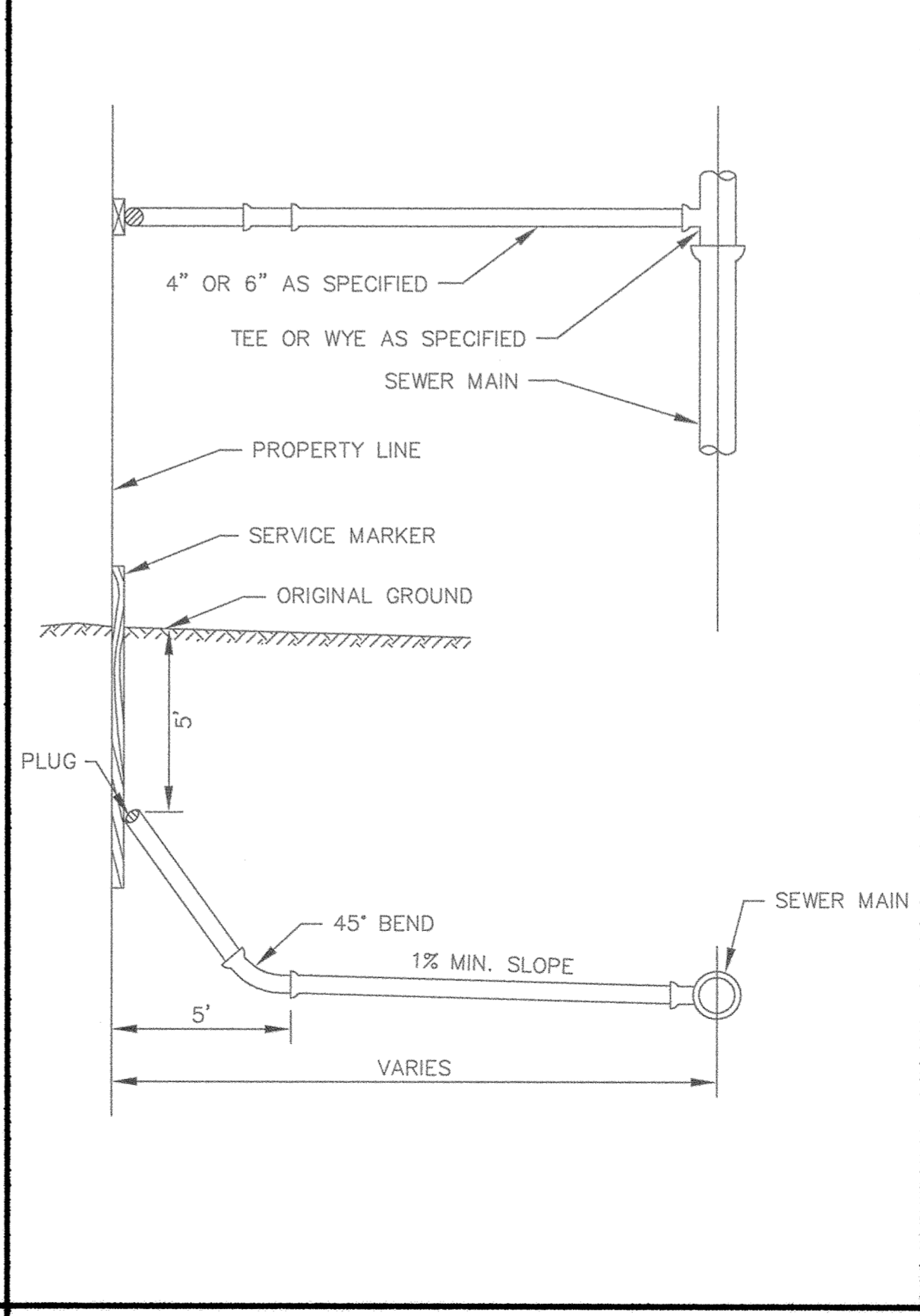
OUTSIDE DROP MANHOLE



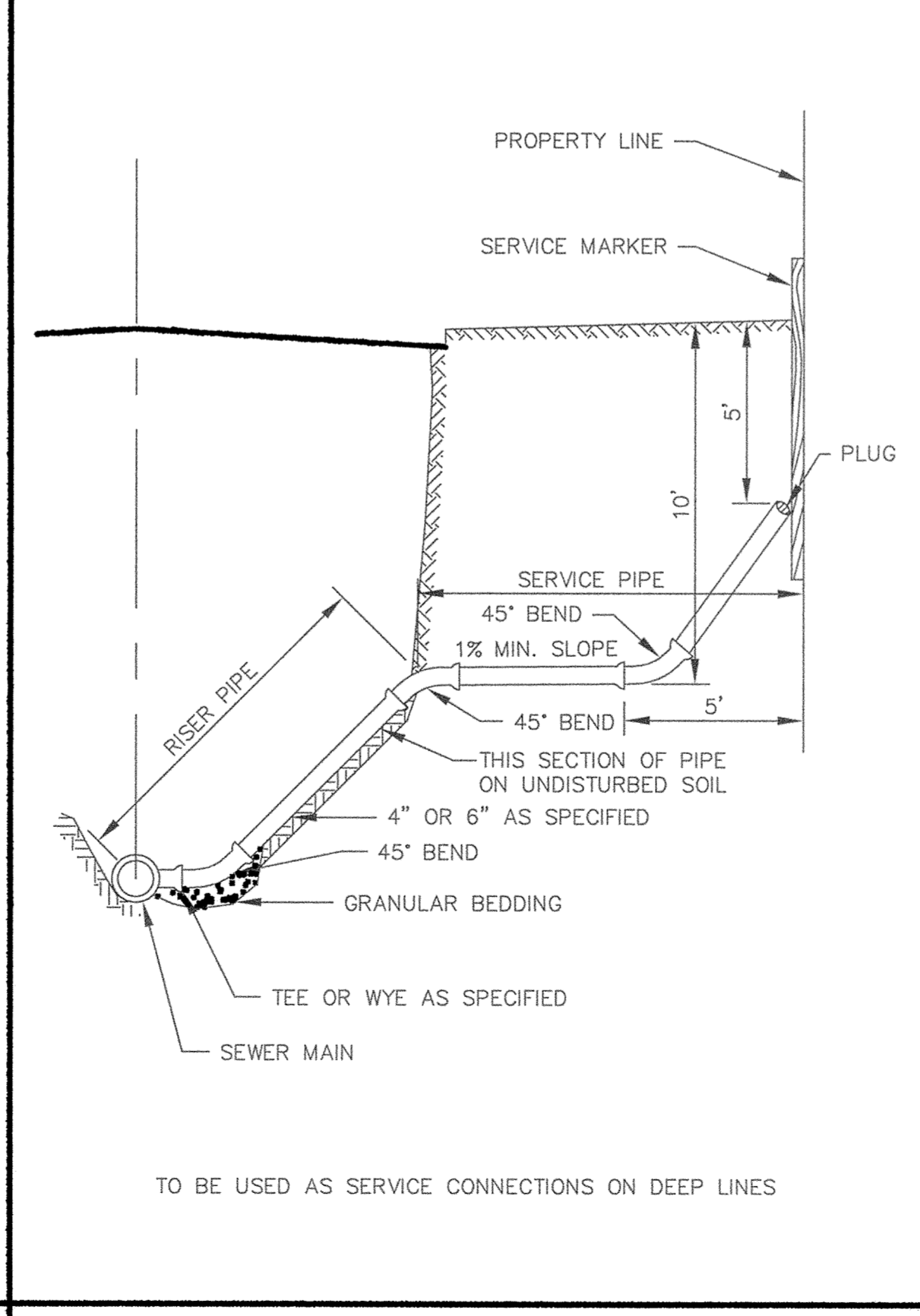
STANDARD AIR RELIEF MANHOLE



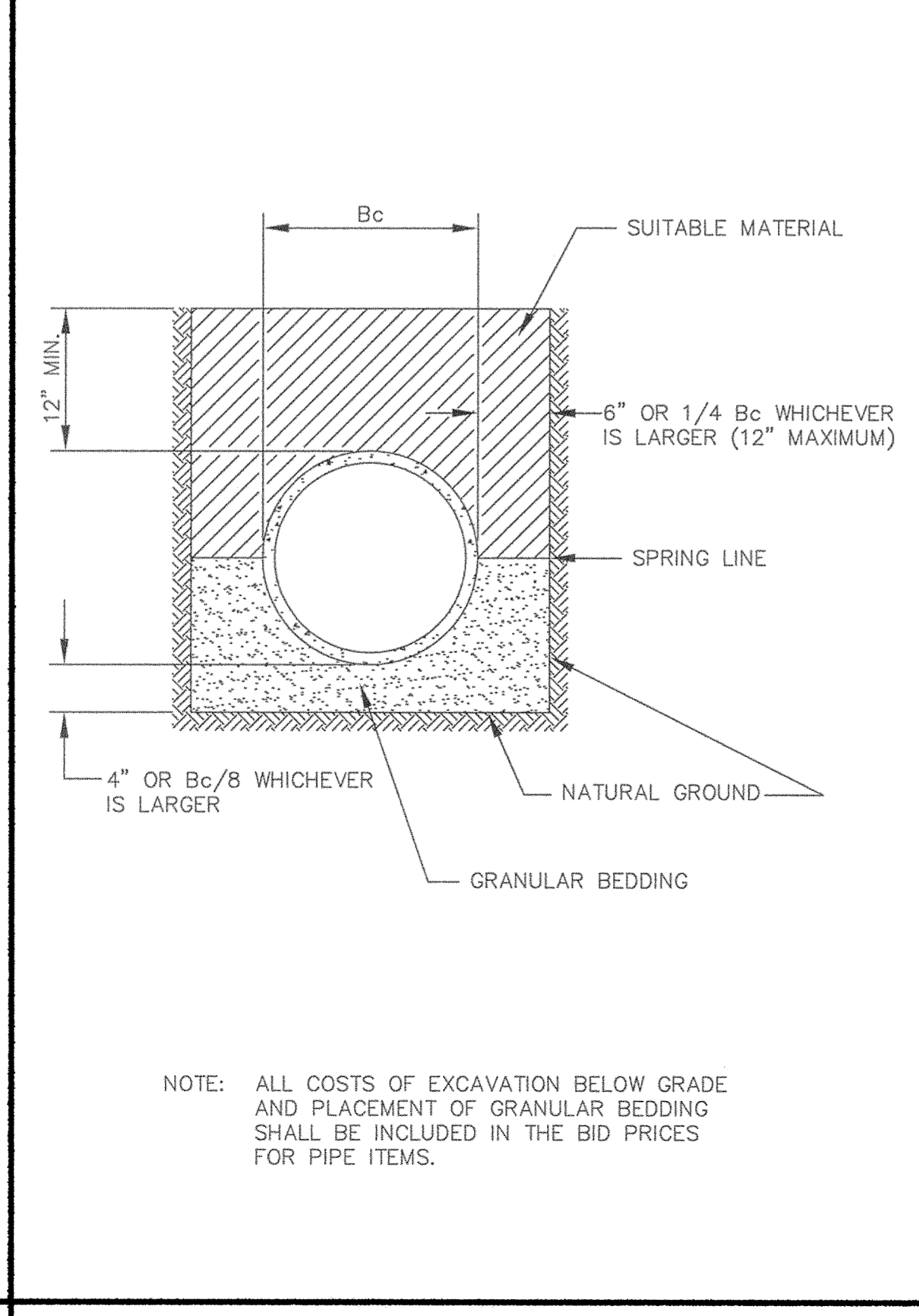
STANDARD MANHOLE



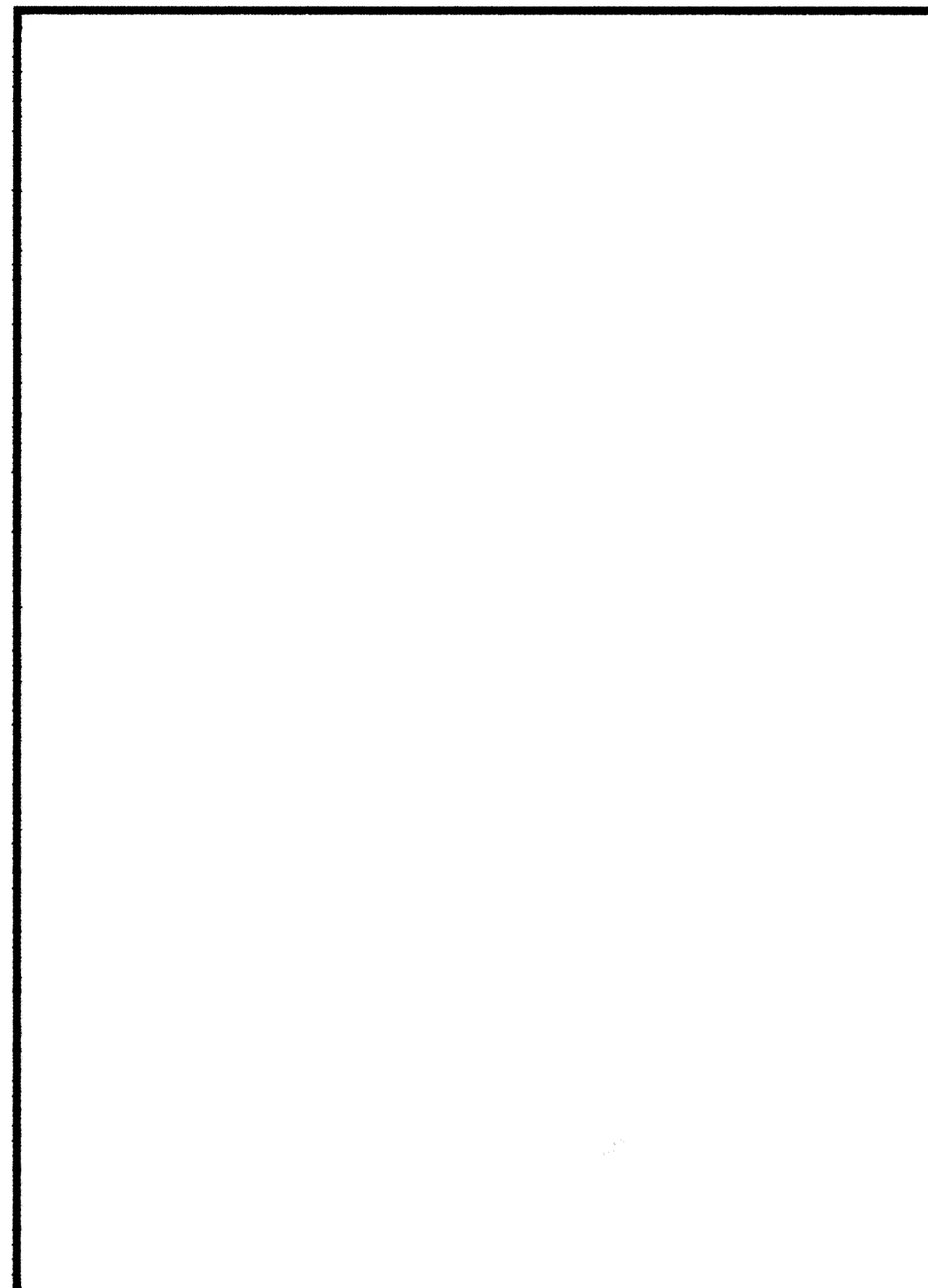
TYPICAL HOUSE SERVICE



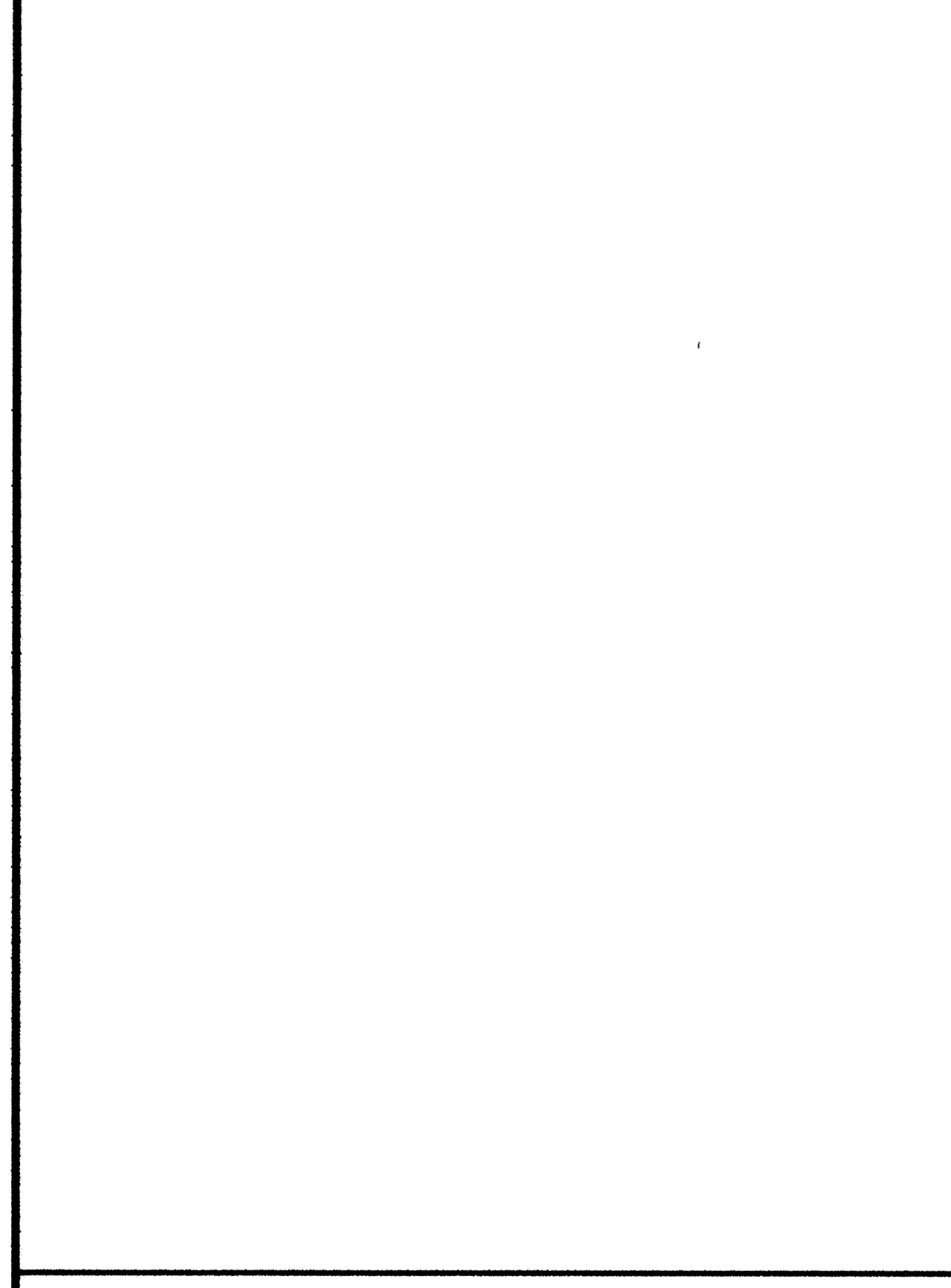
SERVICE RISER SECTION



CLASS B PIPE BEDDING



STANDARD AIR RELIEF MANHOLE



TYPICAL HOUSE SERVICE

DESIGNED BY: \_\_\_\_\_ DRAWN BY: LK  
 APPROVED BY: \_\_\_\_\_ JOB NUMBER 815361J  
 CAD DATE: April 08, 2002 1:41:31 p.m.  
 CAD FILE: 815361J\dwg\815361-D1.DWG (EYOUNGQ)

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PRINTED NAME: TERRY J. MAURER LIC. NO. 15316

NO.	DATE	BY	REVISION DESCRIPTION

1326 ENERGY PARK DRIVE  
 ST. PAUL, MINNESOTA 55108  
 (612) 644-4389

**Howard R Green Company**  
 CONSULTING ENGINEERS

**PARK POINTE**  
 CITY OF ELK RIVER

**SANITARY SEWER DETAILS**

SHEET NO.  
**D1**