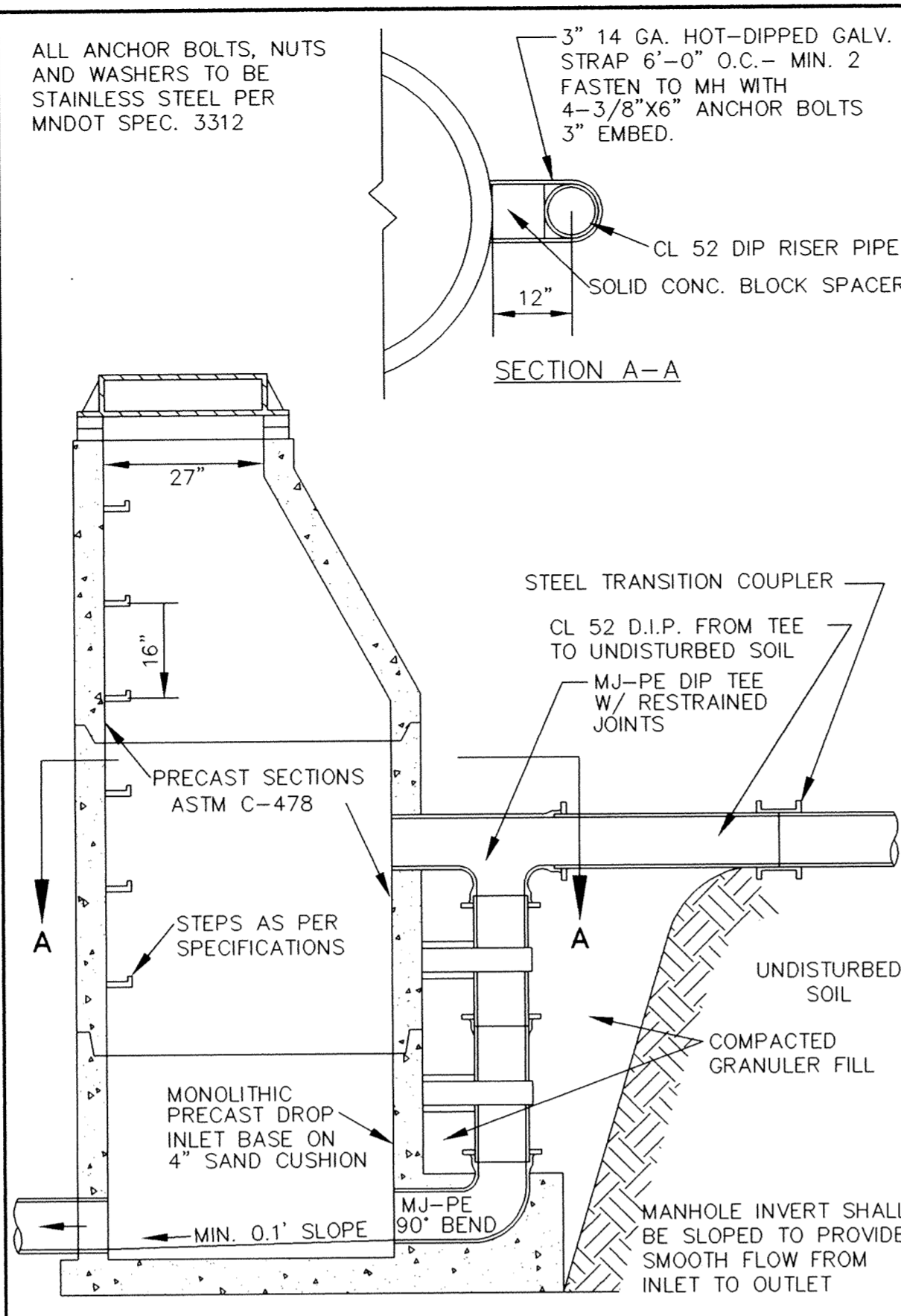
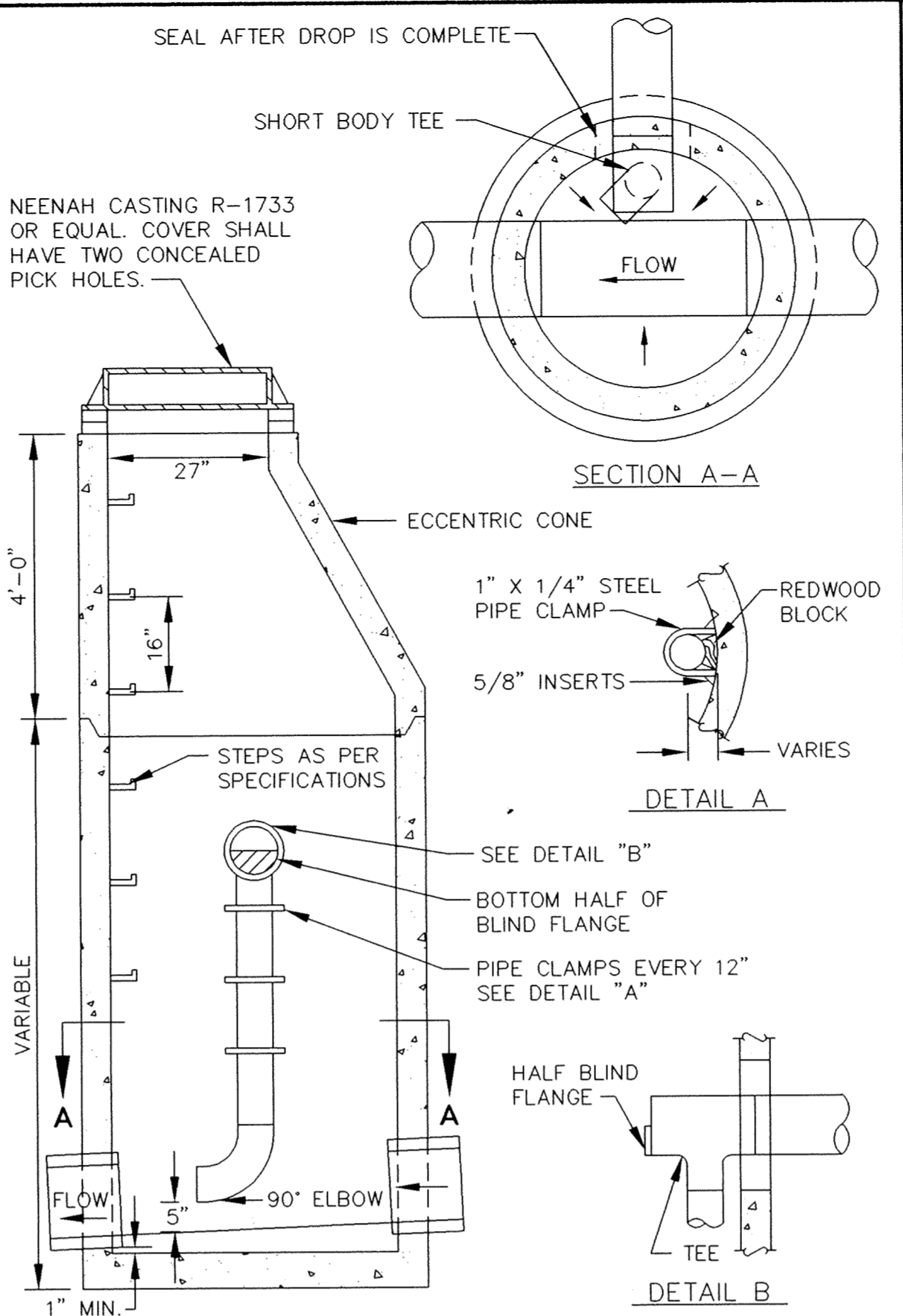


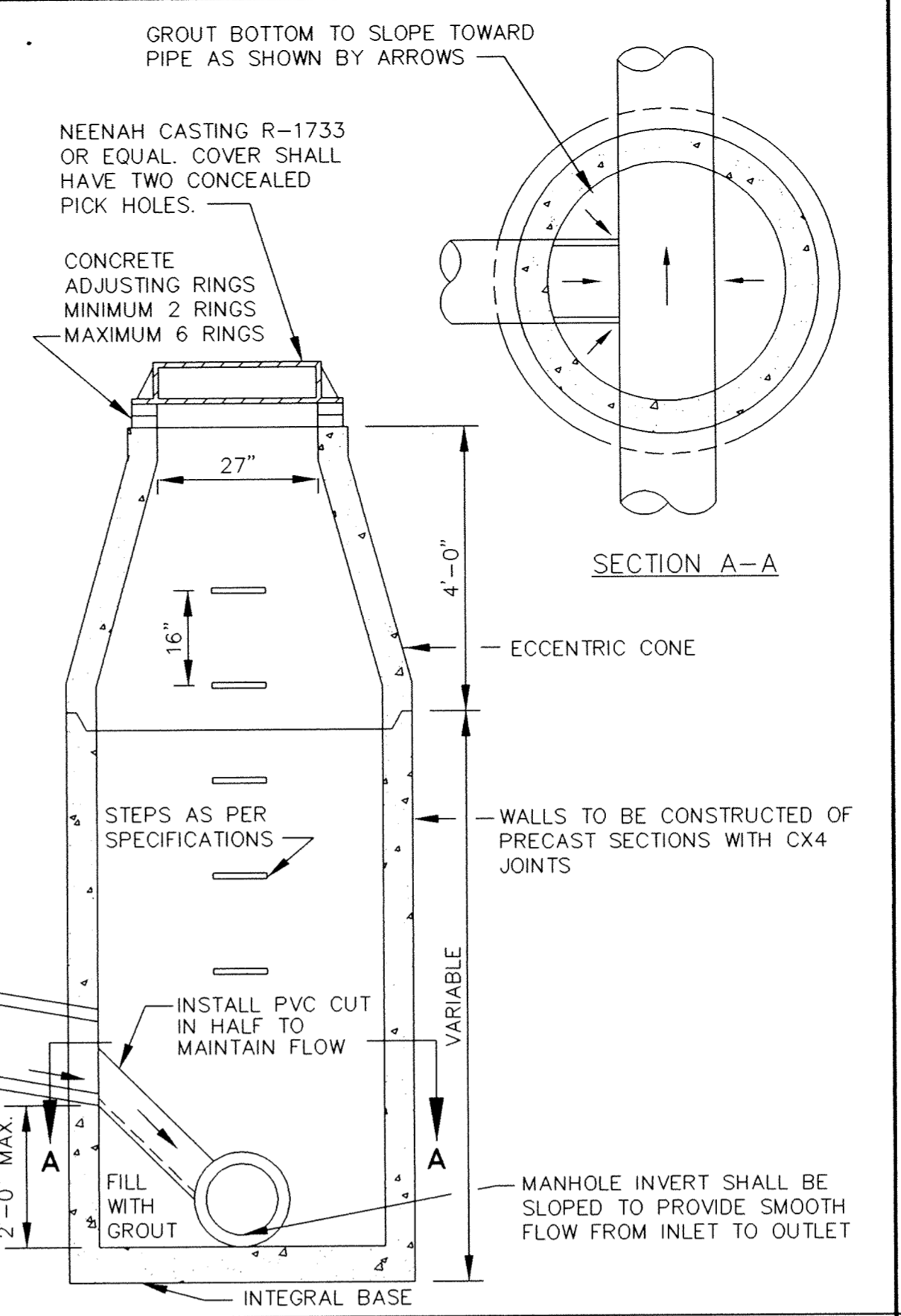
STANDARD AIR RELIEF MANHOLE



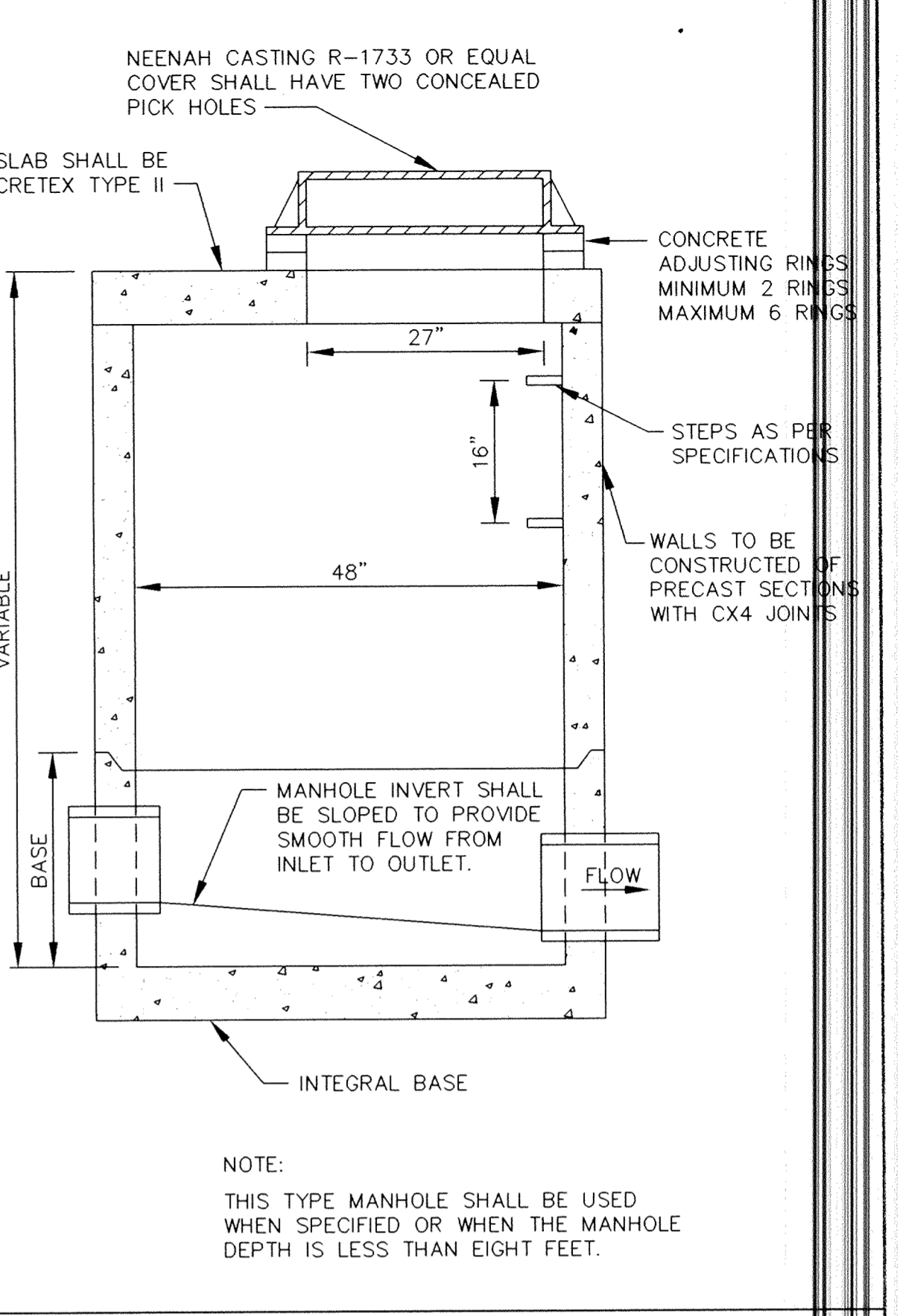
OUTSIDE DROP MANHOLE



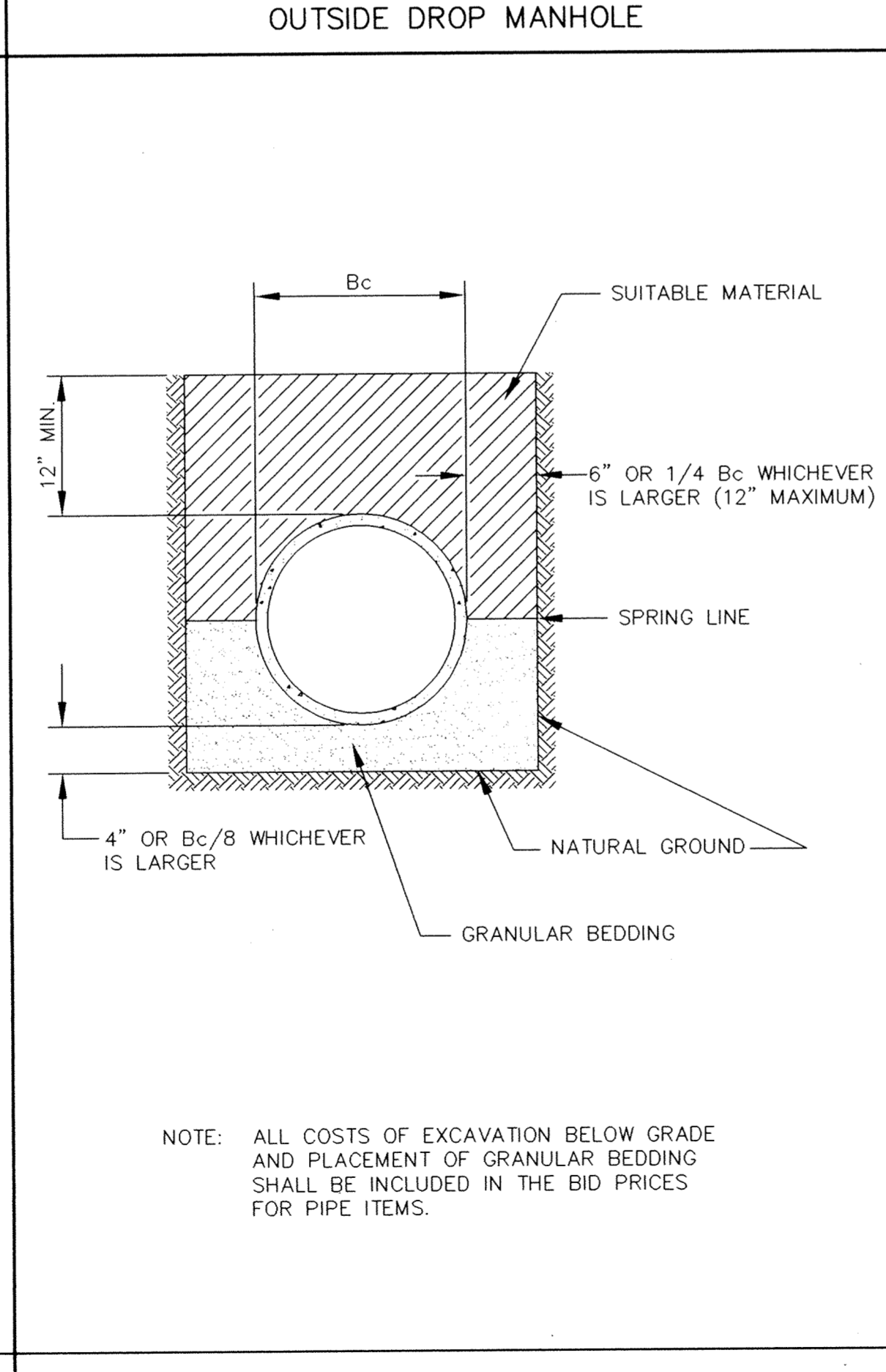
INSIDE DROP MANHOLE



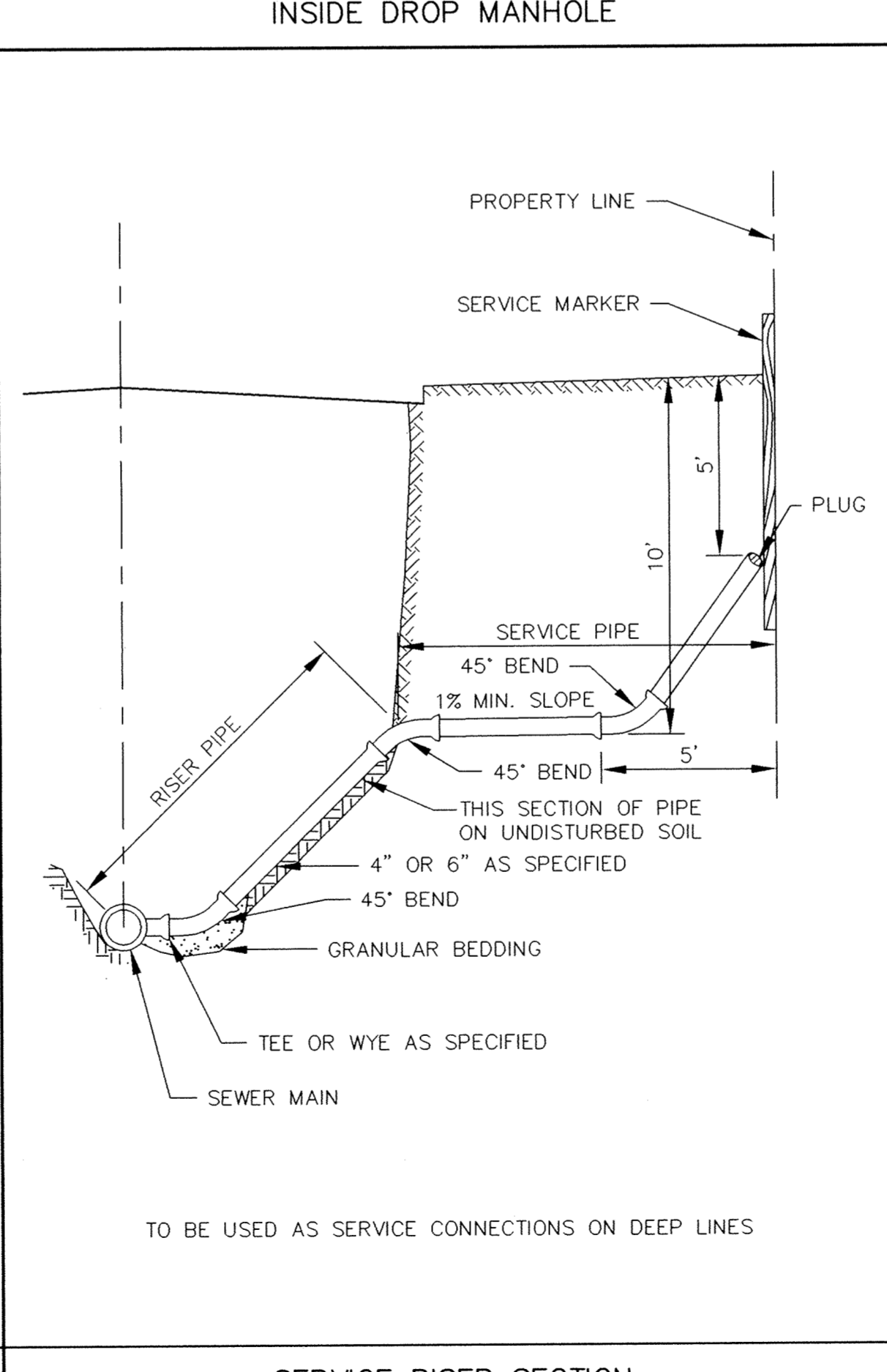
INSIDE DROP MANHOLE (TWO FEET OR LESS)



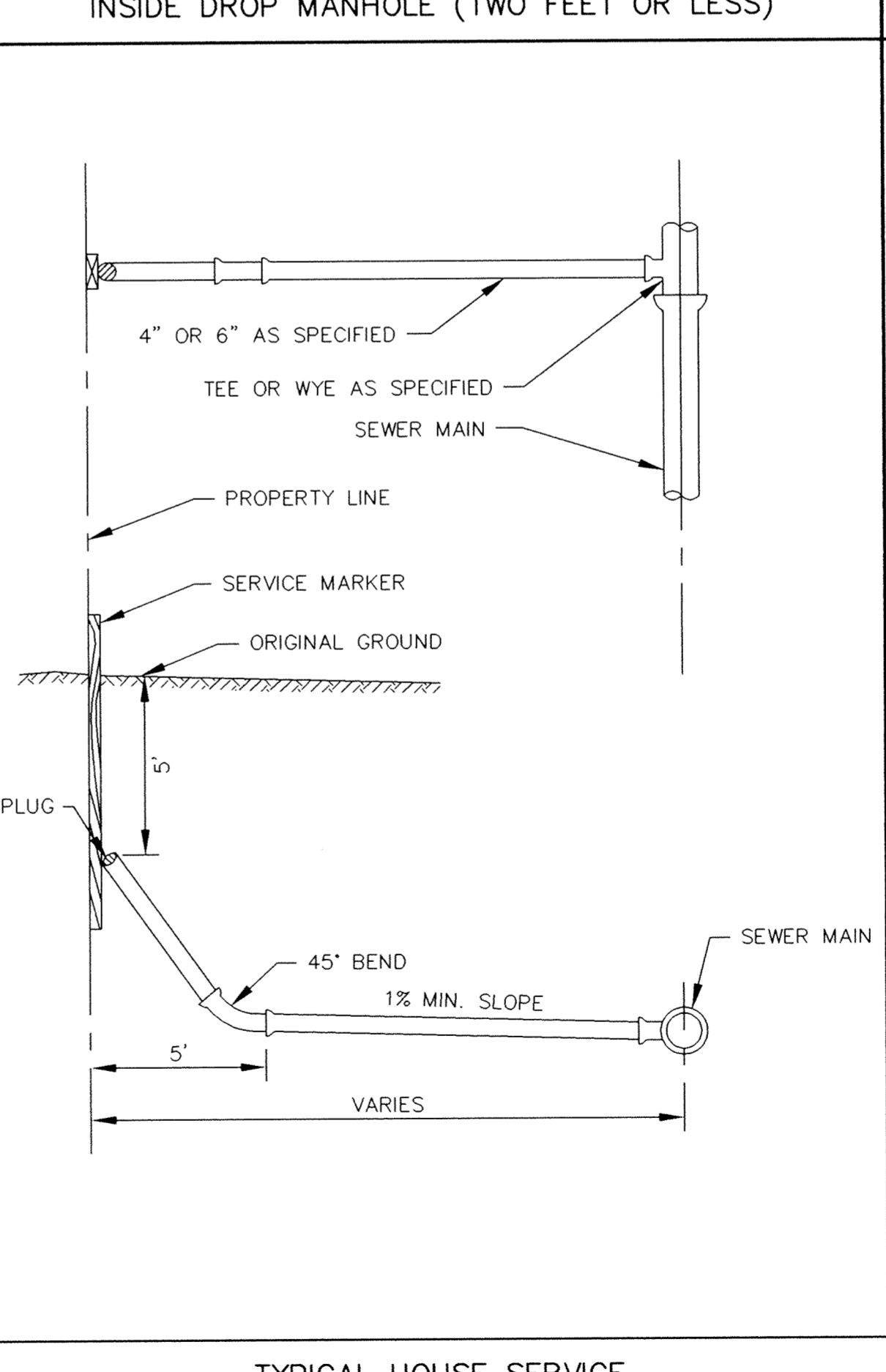
SLAB TOP MANHOLE



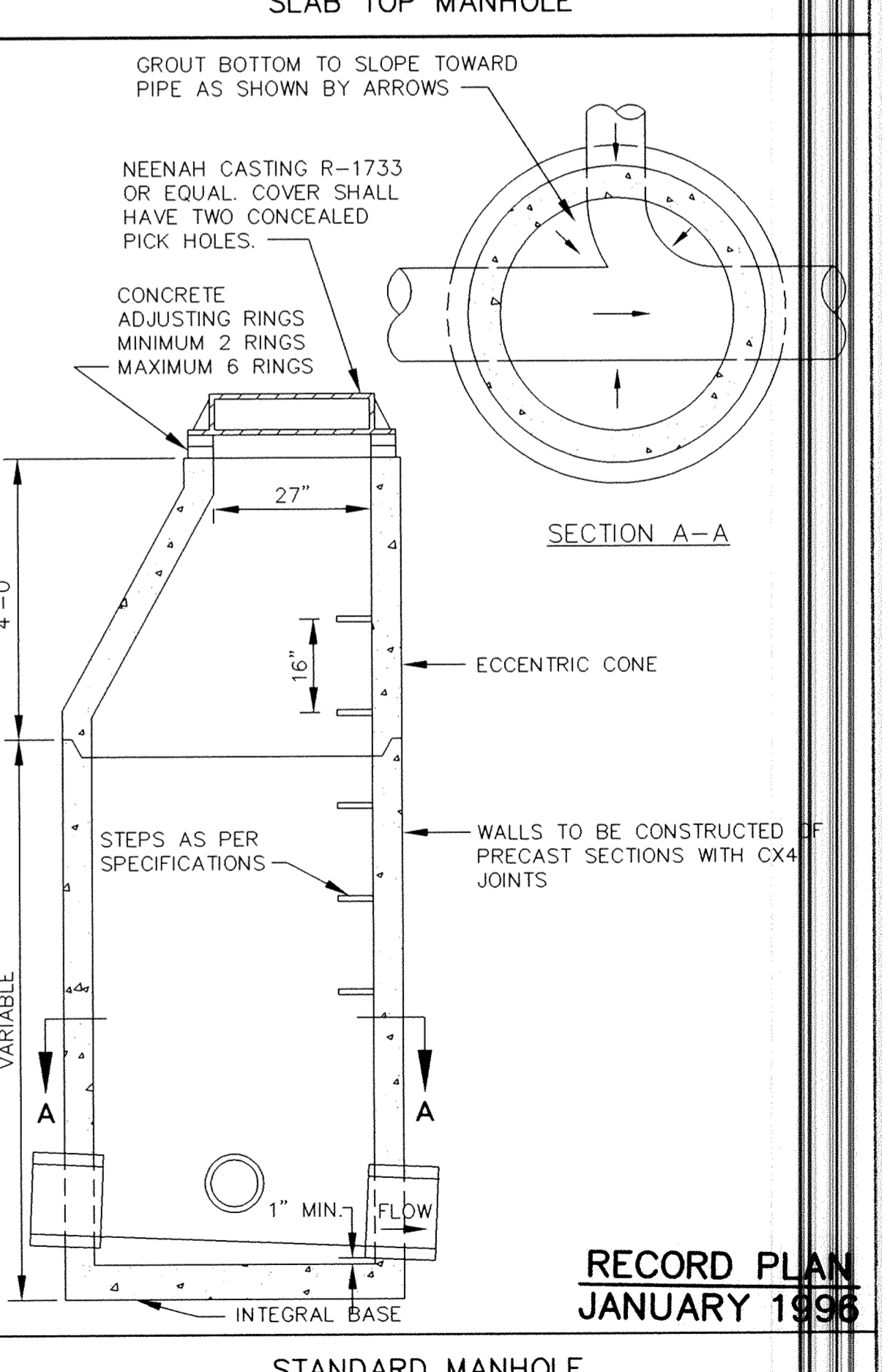
CLASS B PIPE BEDDING



SERVICE RISER SECTION



TYPICAL HOUSE SERVICE



STANDARD MANHOLE

ER246DSN

RECORD PLAN  
 JANUARY 1996

1326 ENERGY PARK DRIVE  
 ST. PAUL, MINNESOTA 55108  
 (612) 644-4389  
 5075 WAYZATA BLVD. SUITE #225  
 MINNEAPOLIS, MINNESOTA 55416  
 (612) 546-6432

DATE	DESCRIPTION	DESIGNED	CHECKED	DRAWN

CITY OF ELK RIVER  
 ELK HILLS DRIVE/DODGE STREET IMPROVEMENTS  
 SANITARY SEWER DETAILS  
 DATE JULY 1995 SHEET 19 OF 22 SHEETS PROJECT NO. 230-246