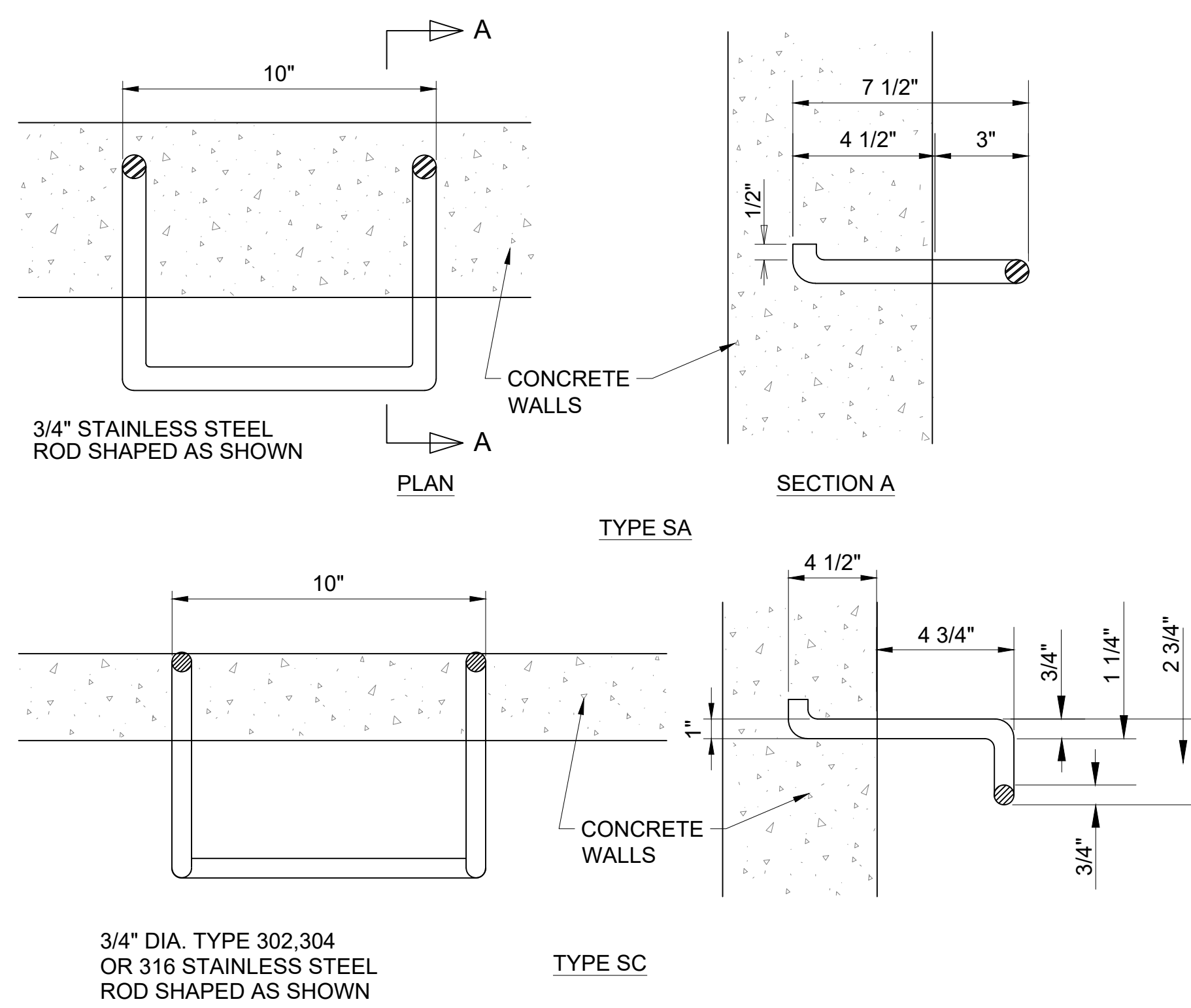
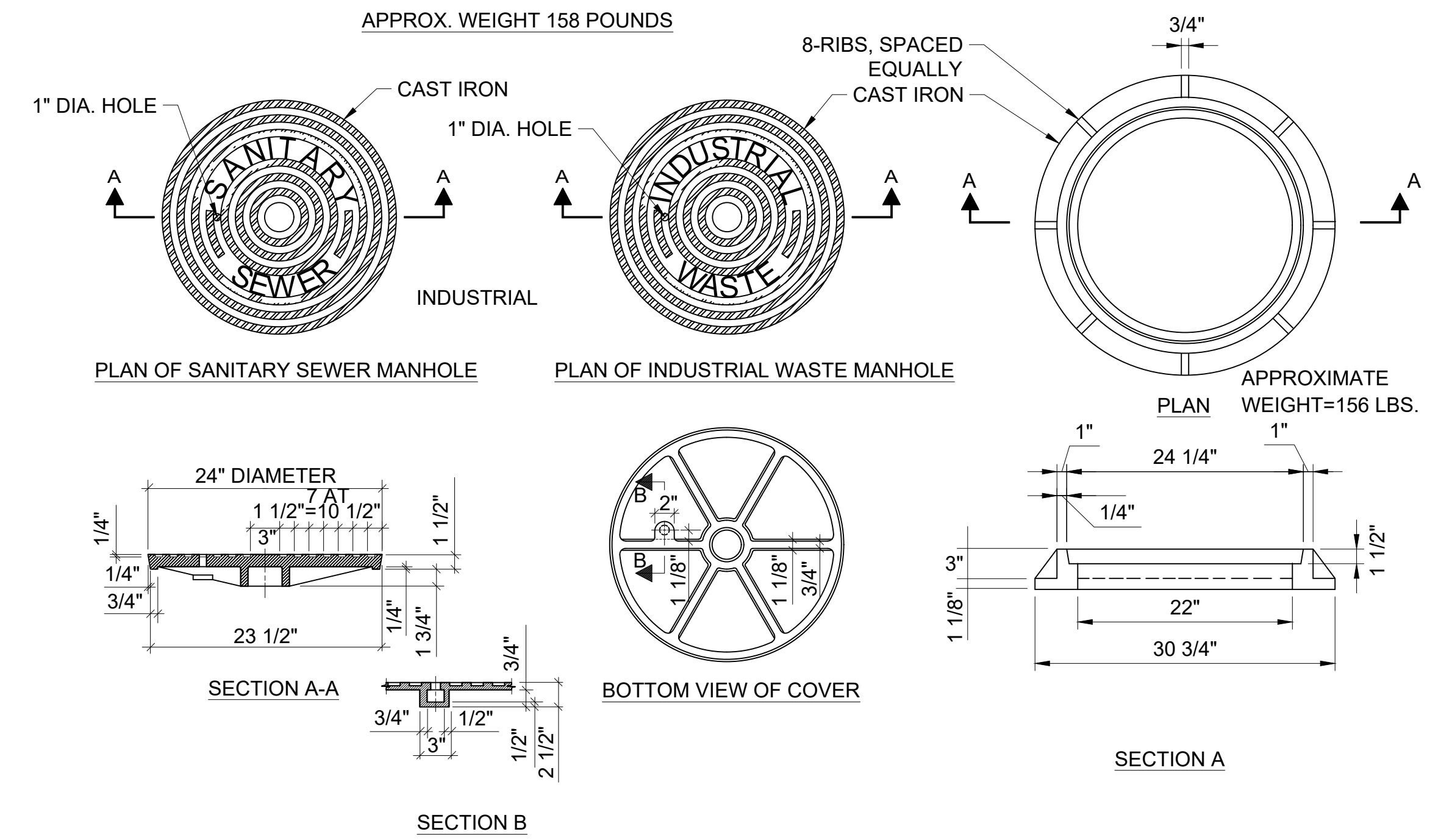


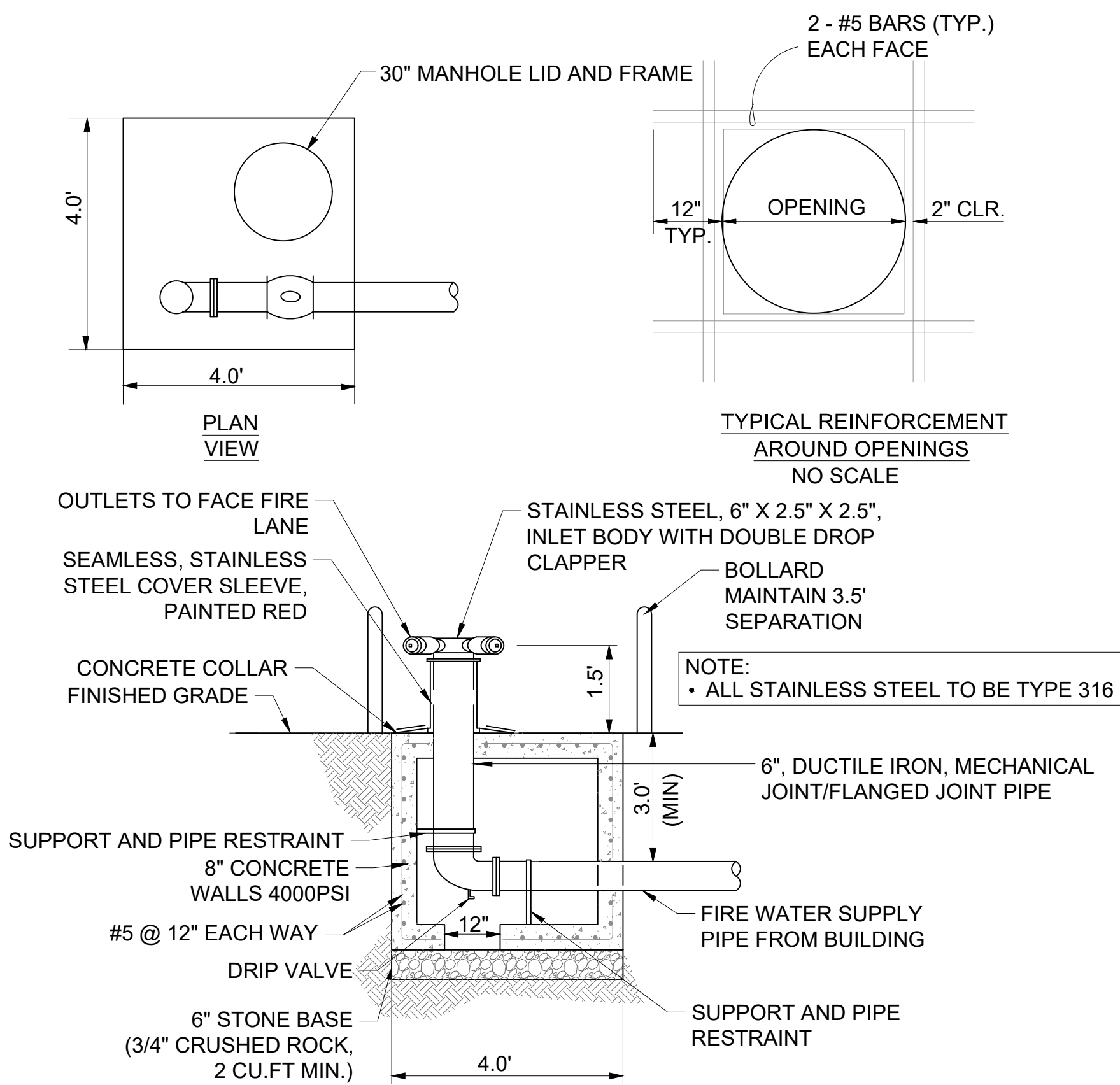
**C1** SANITARY SEWER PRECAST MANHOLE (TYPE B) DETAIL  
SCALE NTS



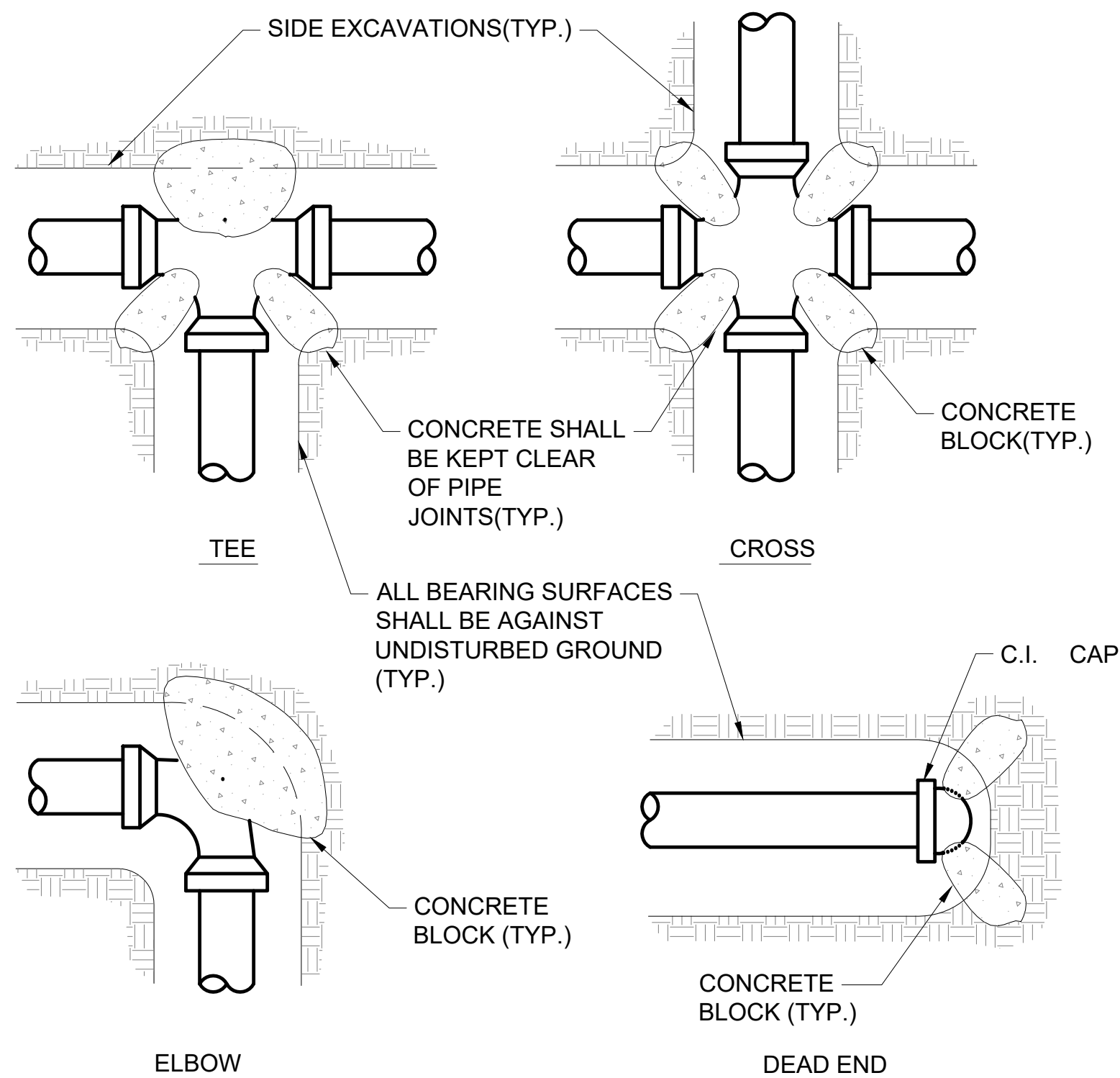
**C3** MANHOLE RUNG DETAIL  
SCALE NTS



**C5** MANHOLE COVER AND FRAME  
SCALE NTS

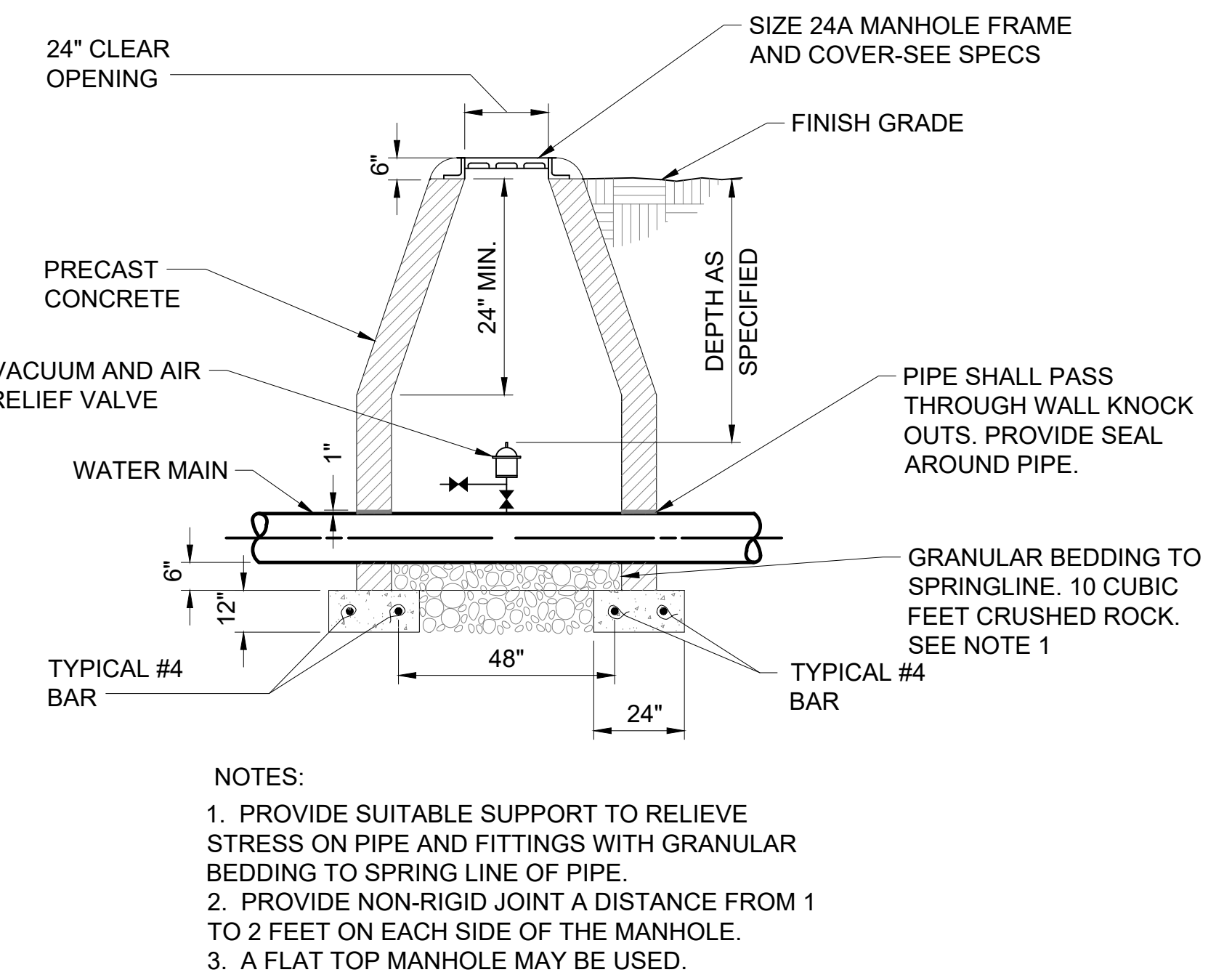


**B1** FREE STANDING FIRE DEPARTMENT CONNECTION  
SCALE N.T.S.

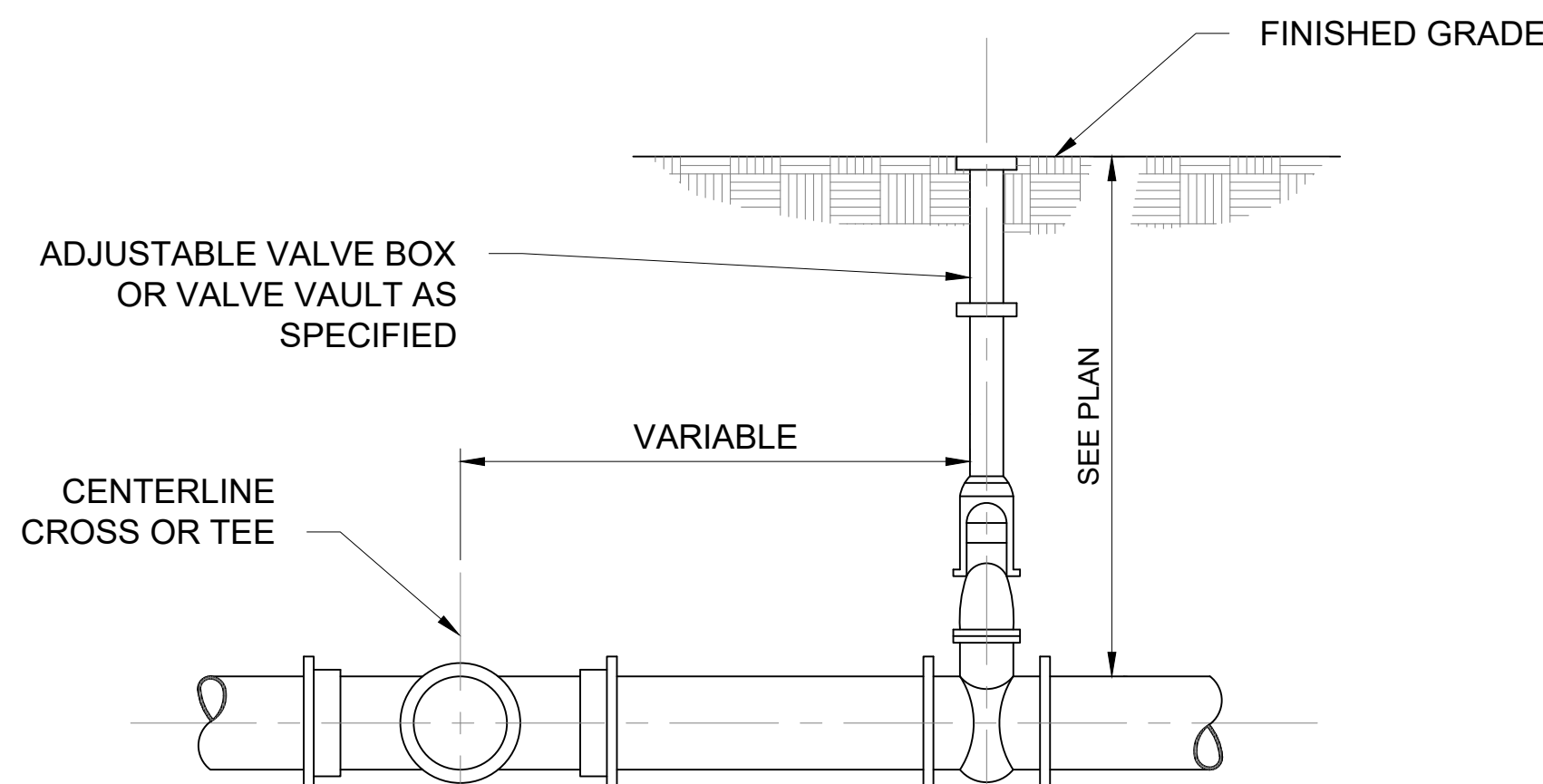


**B3** THRUST BLOCK  
SCALE N.T.S.

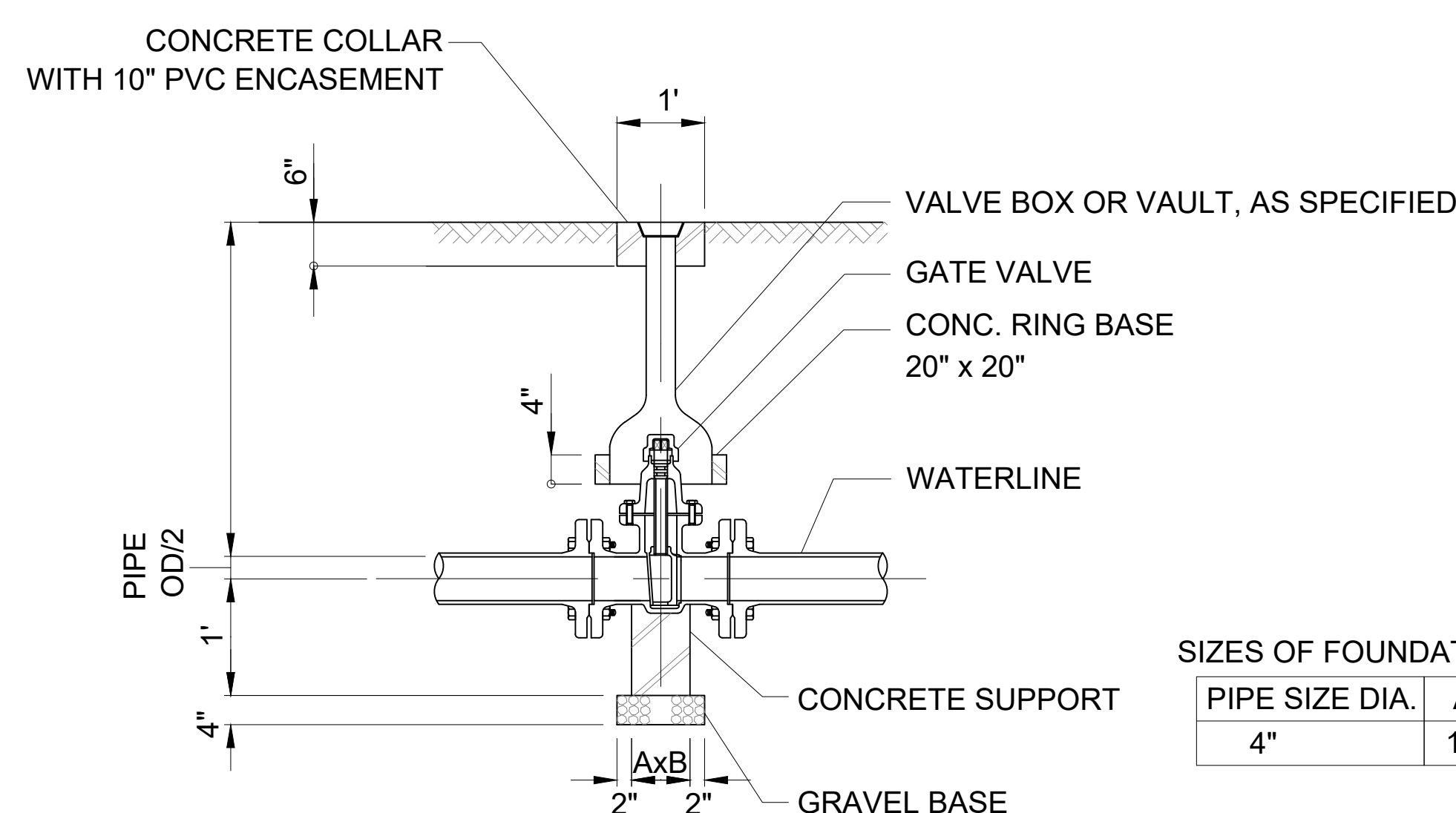
BEARING AREAS EACH DIRECTION OF THRUST IN SQUARE FEET				
PIPE SIZE	TEES & DEADENDS	90° ELBOWS	45° ELBOW CROSSES IN DIRECTION OF FLOW	22-1/2° ELBOWS
6"	4.0	5.5	3.0	2.0
8"	7.0	9.5	5.0	3.0
10"	9.5	13.5	7.0	4.0
12"	13.5	19.0	10.0	5.0
14"	18.0	23.5	14.0	7.0
16"	23.0	33.0	18.0	9.0



**B5** AIR VACUUM  
SCALE N.T.S.

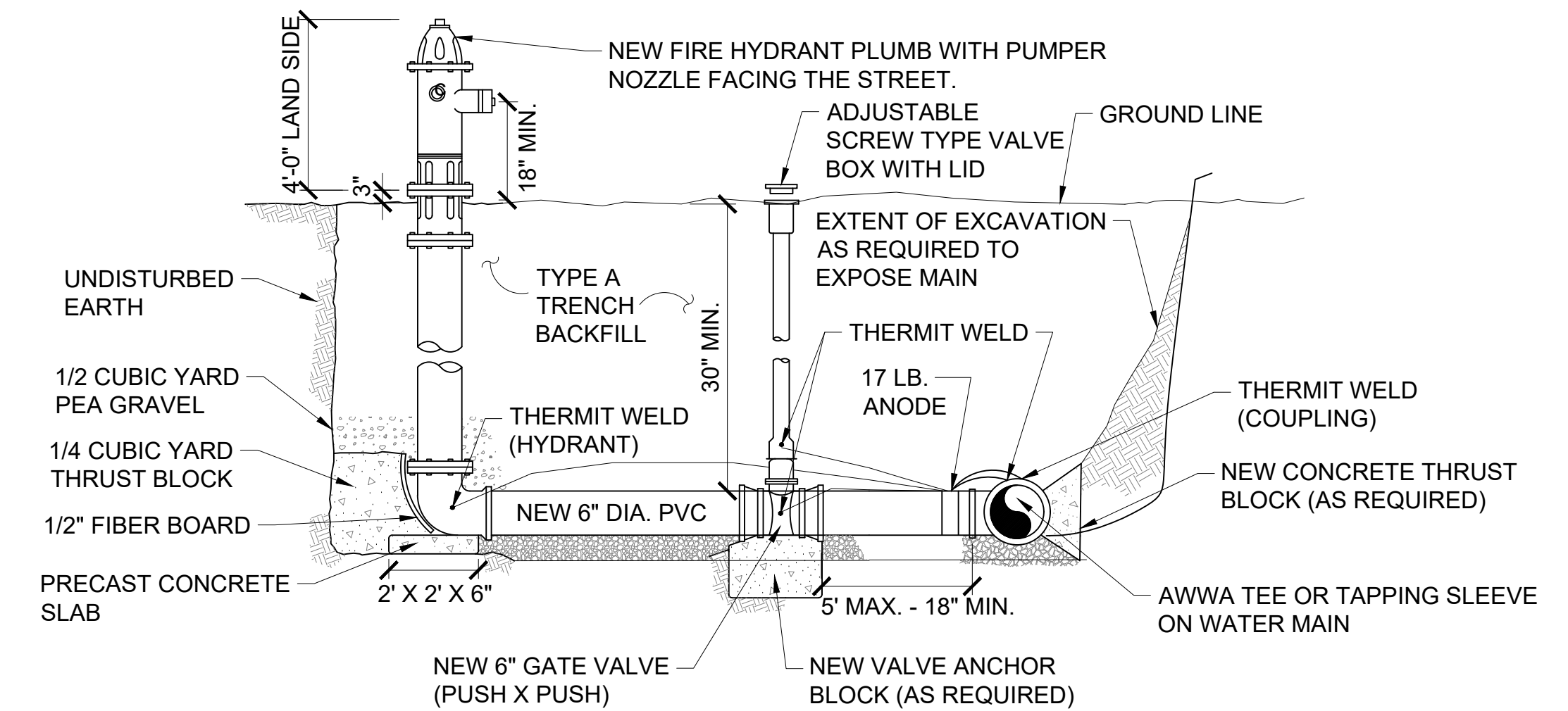


**A1** TYPICAL VALVE SETTING  
SCALE N.T.S.



**A3** GATE VALVE DETAIL  
SCALE NTS

SIZES OF FOUNDATION (IN)		
PIPE SIZE DIA.	A	B
4"	10	18



**A5** FIRE HYDRANT DETAIL  
SCALE NTS

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Site Development  
Camden OSD  
Camden, Arkansas  
Aerjet Rocketdyne

**Jacobs**

SITE UTILITY PLAN DETAILS

SHEET NO  
**CU501**

SCALE AS SHOWN  
DATE 07/01/2024  
PROJ D3547405  
DWG CU501.dwg  
SHEET 78 of 99