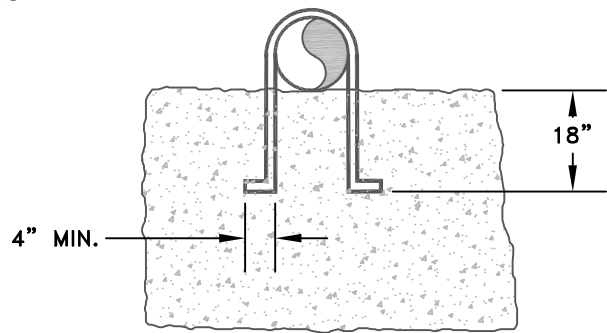


PROFILE



RODDING
DETAIL

NOTES:

- 1) DO NOT POUR THRUST BLOCK UNLESS CALL OUT ON PLANS. THE BELOW VOLUMES BASED ON TEST PRESSURE OF 150 P.S.I. AND THE WEIGHT OF CONCRETE= 4,050 LBS./CU. YD. TO COMPUTE VOLUMES FOR DIFFERENT TEST PRESSURES, USE THE FOLLOWING EQUATION: VOLUME= (TEST PRESSURE/ 150) X (TABLE VALUE).
- 2) KEEP CONCRETE CLEAR OF JOINT ACCESSORIES.
- 3) $\text{\textcircled{6}}$ REQUIRED THRUST BLOCK VOLUMES FOR SPECIAL CONNECTIONS ARE SHOWN ENCIRCLED ON THE PLAN; INDICATES 6 CUBIC YARDS OF CONCRETE ARE REQUIRED.
- 4) IF NOT SHOWN ON PLANS, REQUIRED VOLUMES AT FITTINGS SHALL BE AS INDICATED BELOW, ADJUSTED IF NECESSARY, TO CONFORM TO THE TEST PRESSURE (S) STATED IN THE SPECIAL SPECIFICATIONS.
- 5) VOLUMES AND SPECIAL BLOCKING DETAILS SHOWN ON PLANS TAKE PRECEDENCE OVER VOLUMES AND THE BLOCKING DETAIL SHOWN ON THIS STANDARD DETAIL.
- 6) ALL POURED IN PLACE CONCRETE SHALL HAVE A (28) DAY STRENGTH OF 3,000 P.S.I..

FITTING SIZE (IN.)	VOLUME OF THRUST BLOCK IN CU. YD.			
	90° BEND	45° BEND	22½° BEND	11¼° BEND
4	--	--	--	--
6	1.3	--	--	--
8	2.3	1.1	--	--
10	3.7	1.8	--	--
12	5.5	2.8	1.2	--
14	7.6	3.9	1.7	--
16	9.9	5.1	2.3	0.9



City of Lake Oswego
Engineering Division
Erica Rooney, P.E. City Engineer

GRAVITY THRUST BLOCK

W5-04

EFFECTIVE DATE: APRIL 2023

NOT TO SCALE

DRAWING NUMBER