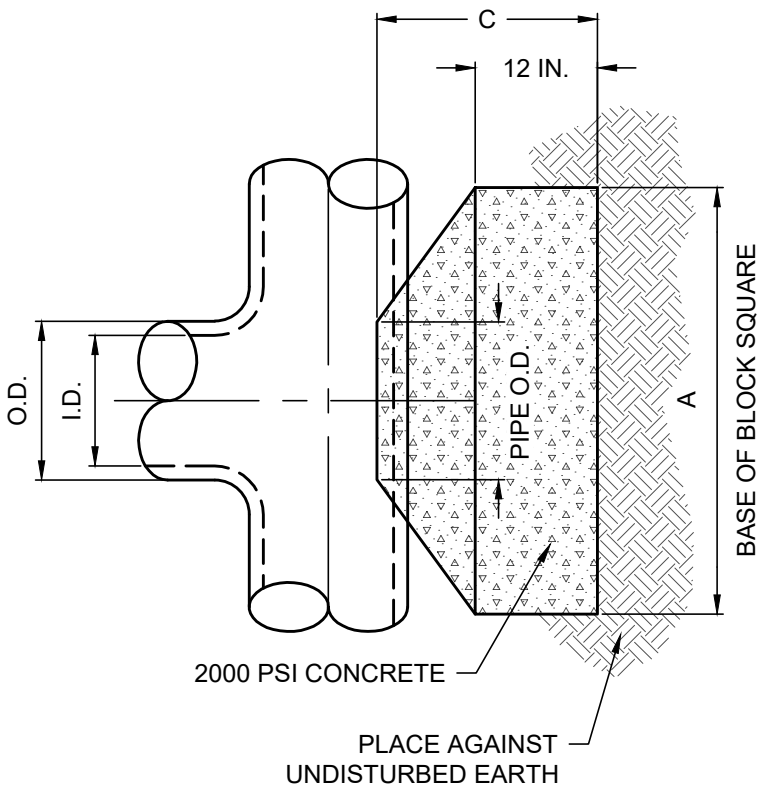


PLAN OF PLUG THRUST BLOCK

(NO SCALE)



PLAN OF TEE THRUST BLOCK

(NO SCALE)

I.D. (IN.)	THRUST TONS	C FT.	TEES & PLUGS				I.D. (IN.)
			EARTH		ROCK		
			A FT.	VOLUME C.Y.	A FT.	VOLUME C.Y.	
4,6,8	5.1	1.5	2.5	0.3	2.0	0.2	4,6,8
10,12	11.3	1.5	3.5	0.6	2.5	0.3	10,12
16,18	25.5	2.0	5.5	1.9	4.0	0.9	16,18
20	31.5	2.0	6.0	1.9	4.0	0.9	20
24	45.2	2.5	7.0	3.1	5.0	1.7	24
30	53.0	3.0	7.5	4.1	5.5	2.4	30
36	46.3	4.0	9.0	7.3	6.5	4.2	36
42	104.0	4.5	10.5	11.0	7.5	6.2	42
48	136.0	5.0	12.0	15.6	8.5	8.7	48
54	172.0	5.5	13.5	21.4	9.5	11.9	54
60	212.0	6.0	15.0	28.4	10.5	15.7	60
66	257.0	6.5	16.6	36.8	11.5	20.5	66
72	305.0	7.5	17.5	47.2	12.5	27.2	72
78	358.0	8.0	19.0	58.9	13.5	33.7	78
84	416.0	8.5	20.5	72.3	14.5	41.2	84
90	477.0	9.0	22.0	87.7	15.5	49.7	90
96	543.0	9.5	23.5	104.8	16.5	61.0	96

SEE W-3A FOR GENERAL NOTES

TEE AND PLUG THRUST BLOCKS

DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE "TEXAS ENGINEERING PRACTICE ACT". NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF WACO FOR ANY PURPOSE WHATSOEVER. THE CITY OF WACO ASSUMES NO RESPONSIBILITY FOR THE CONVERSION OF THIS STANDARD TO OTHER FORMATS OR FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.



**ENGINEERING
DIVISION**



REVISIONS			
NO.	COMMENTS	BY	DATE
#	DESCRIPTION	FL	MO/DY/YEAR

DATE
8/25/2021

W-3D