



I.D. (IN.)	T (IN.)	C 11.25° FT	C 22.50°+ FT	E FT.	I.D. (IN.)
4,6,8	0.4	1.5	1.5	0.9	4,6,8
10,12	0.5	1.5	1.5	1.2	10,12
16,18	0.6	1.5	1.5	1.6	16,18
20	0.4	1.5	1.5	1.8	20
24	0.9	1.5	1.5	2.1	24
30	2.9	1.5	1.9	2.6	30
36	4.5	1.5	2.3	3.3	36
42	5.0	1.8	2.6	3.8	42
48	5.5	2.0	3.0	4.3	48
54	6.0	2.3	3.4	0.8	54
60	6.5	2.5	3.8	5.3	60
66	6.8	2.8	4.1	5.7	66
72	7.5	3.0	4.5	6.3	72
78	7.5	3.3	4.9	6.7	78
84	8.0	3.5	5.3	7.2	84
90	8.5	3.8	5.6	7.7	90
96	9.0	4.0	6.0	8.2	96

SEE [W-3A](#) FOR GENERAL NOTES

TYPICAL HORIZONTAL THRUST BLOCK
(NO SCALE)

SEE [W-3C](#) FOR
ADDITIONAL DETAILS



ENGINEERING DIVISION

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.

REVISIONS			
NO.	COMMENTS	BY	DATE
##	DESCRIPTION	FL	MM/DD/YYYY

DATE
01/01/2024

W-3B