

HORIZONTAL BLOCKING TABLE

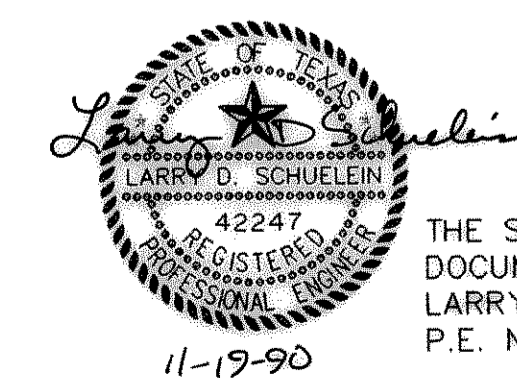
DEPTH OF COVER TO TOP OF PIPE (FT) :		3.5		BLOCKING (SQUARE FEET)						THRUST (POUNDS-FORCE)	
PASSIVE SOIL PRESSURE (PSF/FT-DEPTH) :		250									
PIPE SIZE (IN.)	DEPTH OF COVER TO CL PIPE (FT)	TEST PRESSURE (LBS)	DEAD END AND TEE	90 BEND	45 BEND	22.5 BEND	11.25 BEND	5 DEFLECT.	"X"-DIM. FT.		
4	3.7	150	2.06 1,885	2.91 2,666	1.57 1,443	0.80 735	0.40 370	0.18 164	0.75		
6	3.8	150	4.52 4,241	6.40 5,998	3.46 3,246	1.77 1,655	0.89 831	0.39 370	1.00		
8	3.8	150	7.87 7,540	11.13 10,663	6.02 5,771	3.07 2,942	1.54 1,478	0.69 658	1.00		
10	3.9	150	12.03 11,781	17.02 16,661	9.21 9,017	4.69 4,597	2.36 2,309	1.05 1,028	1.00		
12	4.0	150	16.96 16,965	23.99 23,992	12.98 12,984	6.62 6,619	3.33 3,326	1.48 1,480	1.25		
16	4.2	150	28.95 30,159	40.95 42,652	22.16 23,083	11.30 11,768	5.68 5,912	2.53 2,631	1.50		
24	4.5	150	60.32 67,858	85.30 95,966	46.17 51,937	23.54 26,477	11.82 13,303	5.26 5,920	2.00		
30	4.8	150	89.29 106,029	126.27 149,947	68.34 81,151	34.84 41,370	17.50 20,785	7.79 9,250	2.25		
36	5.0	150	122.15 152,681	172.74 215,924	93.49 116,857	47.66 59,573	23.94 29,931	10.66 13,320	2.75		
42	5.3	150	158.34 207,816	223.92 293,897	121.19 159,056	61.78 81,086	31.04 40,739	13.81 18,130	3.25		
48	5.5	150	197.41 271,434	279.17 383,865	151.09 207,746	77.02 105,908	38.70 53,210	17.22 23,680	3.75		

NOTES:

1. THRUST BLOCK AREAS SHOWN ARE BASED ON TEST PRESSURES OF 150 P.S.I. AND 250 P.S.F. PER VERTICAL FOOT OF SOIL COVER MEASURED TO CENTERLINE OF PIPE.
2. MINIMUM AREAS SHOWN ARE IN SQUARE FEET AND ARE BASED UPON MIN 3.5 FEET OF COVER TO TOP OF PIPE.
3. BEARING MUST BE ON UNDISTURBED EARTH.
4. ADJUST THRUST BLOCK AREAS ACCORDINGLY IF PRESSURES, DEPTH OF COVER AND/OR SOIL BEARING VALUE VARIES.

TYPICAL BLOCKING DETAIL
NOT TO SCALE

RECORD DRAWING
BASED ON INFORMATION
SUPPLIED BY THE CONTRACTOR
DATE: 10/2/92 BY: LDS



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY LARRY D. SCHUELEIN, TEXAS P.E. No. 42247 ON NOV. 19, 1990

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