

### THRUST BLOCK TABLE

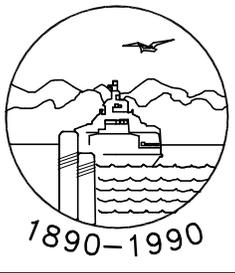
MIN. BEARING AREA AGAINST UNDISTURBED SOIL

SQUARE FEET

PIPE SIZE	A	B	C	D	E	MIN. DIST (IN FEET)	
						b	d
4"	3	1	1	1	1	1	0.5
6"	4	4	2	1	1	1	0.5
8"	7	6	4	2	1	1.3	0.7
10"	11	10	6	3	2	1.6	0.9
12"	16	14	9	5	3	1.9	1.1
16"	29	25	16	8	4	2.6	1.4

#### NOTES:

1. BEARING AREA OF CONCRETE THRUST BASED ON 200 PSI PRESSURE AND SAFE SOIL. BEARING LOAD OF 2,000 POUNDS PER SQUARE FOOT.
2. AREAS MUST BE ADJUSTED FOR OTHER PIPE SIZES, PRESSURES, AND SOIL CONDITIONS.
3. CONCRETE BLOCKING SHALL BE CAST IN PLACE AND HAVE A MINIMUM OF 1/4 SQUARE FOOT BEARING AGAINST THE FITTING.
4. THRUST BLOCK SHALL BEAR AGAINST FITTINGS AND UNDISTURBED SOIL. FITTING SHALL BE WRAPPED IN POLYETHYLENE FILM BEFORE PLACING CONCRETE.
5. CONTRACTOR SHALL INSTALL BLOCKING ADEQUATE TO WITHSTAND FULL TEST PRESSURE AS WELL AS TO CONTINUOUSLY WITHSTAND OPERATIONAL PRESSURE UNDER ALL CONDITIONS OF SERVICE.
6. BLOCKING MAY BE REDUCED WITH USE OF RESTRAINED JOINTS ADJACENT TO FITTINGS.



# CITY OF EDMONDS

REVISIONS		STANDARD DETAIL	
APPROVED BY	DATE	<b>CONCRETE THRUST BLOCKING</b>	
R. ENGLISH	2/2/15		
DATE	7/24/01	SCALE	NTS
		DWG NO.	E7.9