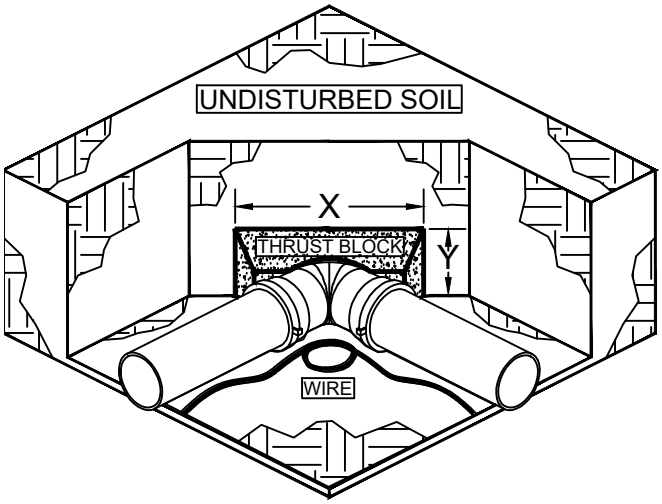

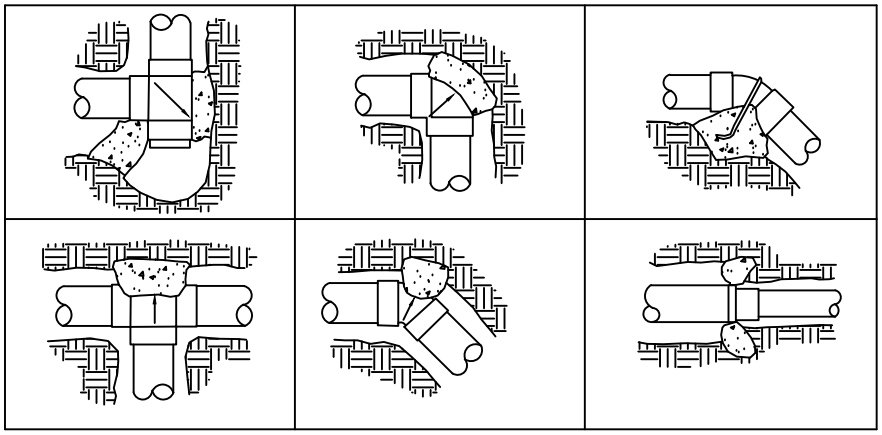

THRUST BLOCK SURFACE AREA (SF) AGAINST UNDISTURBED SOIL (X x Y)=(SF)					
FITTING SIZE	11.25° BEND (SF)	22.5° BEND (SF)	45° BEND (SF)	90° BEND (SF)	TEE OR DEAD END (SF)
3"	0.35	0.66	1.29	2.35	1.67
4"	0.56	1.08	2.12	3.87	2.75
6"	1.21	2.33	4.58	8.37	5.94

NOTES:

1. INSTALL AND TEST MAINLINE ACCORDING TO MANUFACTURER'S INSTALLATION SPECIFICATIONS.
2. REFER TO SPECIFICATIONS FOR TRENCH DEPTHS.
3. USE NO. 4 REBAR WITH MASTIC COATING WHERE PIPE MUST BE ANCHORED TO THRUST BLOCK.
4. INSTALL THRUST BLOCK SO THE HORIZONTAL (X) AND VERTICAL (Y) DIMENSIONS OF THE THRUST BLOCK ARE APPROXIMATELY EQUAL.
5. INSTALL THRUST BLOCK WITH A MINIMUM THICKNESS FROM THE PIPE TO THE UNDISTURBED SOIL OF TWO TIMES THE DIAMETER OF THE PIPE.
6. THRUST BLOCK SIZING ASSUMES A MAXIMUM OPERATING PRESSURE OF 140 PSI, A MAXIMUM VELOCITY OF 5 FEET PER SECOND, AND A SOIL BEARING CAPACITY OF 1,000 LBS/FT^2.

THRUST BLOCK DETAIL

N.T.S.

L23 THRUST BLOCK DETAIL