


**THRUST BLOCK DIMENSION-UPWARD THRUST**

PIPE SIZE	11½° BEND					22½° BEND					45° BEND				
	L	W	H	G	BAR	L	W	H	G	BAR	L	W	H	G	BAR
6"	3.0	2.0	2.0	1.0	5	4.0	2.0	3.0	1.0	5	5.0	3.0	3.0	1.0	5
8"	3.5	2.5	2.0	1.0	5	4.5	3.0	3.0	1.0	5	6.0	3.0	4.0	1.5	5
10"	4.0	3.0	2.5	1.0	5	5.0	4.0	3.5	1.5	5	6.0	4.0	4.5	1.5	5
12"	4.0	3.5	3.0	1.5	5	5.0	4.0	3.5	2.0	5	7.0	4.0	5.0	2.5	5

**NOTES:**

1. DIMENSIONS L,W,H, AND G ARE IN FEET.
2. THRUST BLOCK DIMENSIONS BASED ON 150 PSI TEST PRESSURE AND CONCRETE OF 150 PCF.
3. EXPOSED STIRRUPS SHALL BE WRAPPED WITH 10 MIL VISQUINE.
4. THRUST BLOCKS SHALL BE CLASS 520-C-2500 PCC.
5. FLANGES, NUTS & BOLTS SHALL BE CLEAR OF CONCRETE.
6. MECHANICAL JOINT RESTRAINTS ARE ALLOWED WITH THE APPROVAL OF THE CITY ENGINEER.
7. STIRRUPS TO BE AS SHOWN IN TABLE ABOVE.

**TITLE: UPWARD THRUST BLOCK SCHEDULES**

DRAWN BY: STAFF	SCALE: NONE	APPROVED: 	STANDARD PLAN <b>B-9-2</b>
REVIEWED BY: DANNY HILLSTOCK	REVISED: OCTOBER, 2019	DATE 11-5-19	SHEET 2 OF 2
CITY OF HOLLISTER ENGINEERING DEPARTMENT		CITY ENGINEER: DANNY HILLSTOCK LIC. NO. 70647	