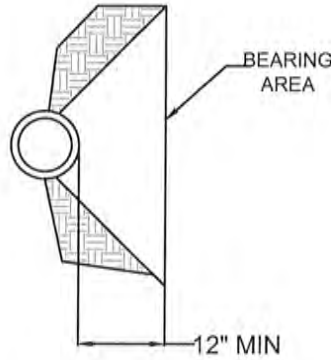


THRUST BLOCK BEARING AREA REQUIRED-SQUARE FEET

TYPE OF FITTING		90° BEND	45° BEND	22.5° BEND	11.25° BEND	TEE	TEE W/PLUG	CROSS W/PLUG	CROSS W/PLUGS
TYPICAL INSTALLATION									
SIZE OF PIPE	6"	6	4	2	1	6	6	6	6
	8"	10	6	3	2	10	10	10	10
	10"	15	8	4	2	16	15	16	15
	12"	21	11	6	3	22	21	22	21



SECTION

NOTES

1. JOINTS, FITTINGS AND FACES OF PLUGS TO BE KEPT CLEAR OF CONCRETE USING 10 MIL. VISQUINE.
2. BLOCKS MUST BE PLACED AGAINST UNDISTURBED SOIL.
3. THRUST BLOCKS SHALL BE CONSTRUCTED OF CLASS 520-C-2500 PCC.
4. STIRRUPS TO BE #4 REBAR EMBEDDED IN THRUST BLOCK TO A DEPTH EQUAL TO 3/4 OF PIPE OUTSIDE DIAMETER. STIRRUP HOOKS TO BE SHAPED 90° BEND WITH LENGTH EQUIVALENT TO 1/2 PIPE O.D.
5. THRUST BLOCK AREA IS BASED ON TEST PRESSURE OF 150 PSI AND A HORIZONTAL SOIL BEARING STRENGTH OF 1500 PSI.
6. EXPOSED STIRRUPS SHALL BE WRAPPED PVC TAPE 10 MIL.
7. MECHANICAL JOINT RESTRAINTS ARE ALLOWED WITH THE APPROVAL OF THE CITY ENGINEER.

TITLE:

THRUST BLOCK SCHEDULE

AUTOCAD BY: STAFF	SCALE: NONE	APPROVED:	STANDARD PLAN B-9-1
REVIEWED BY: DANNY HILLSTOCK	REVISED: OCTOBER, 2019	 CITY ENGINEER: DANNY HILLSTOCK LIC. NO. 70647	
CITY OF HOLLISTER ENGINEERING DIVISION		11-5-19 DATE	SHEET 1 OF 2