THRUST BLOCK SIZE							
DIAMETER	HORIZONTA	L BEND	WEIGHT				
OF	SURFACE THICKNESS		AT				
PIPE	AREA		VERTICAL				
INCHES	SQ. FT.	INCHES	BENDS LBS.				
22—1/2° BENDS							
6 OR LESS	.2	6	1,700				
8	3	12	3,000				
10	3.5	12	4,600				
12	4	14	6,600				
14	5	18	9,000				
16	6	18	11,600				
45° BENDS							
6 OR LESS	4	12	3,200				
8	5	14	5,600				
10	6	18	9,000				
12	· ·7	18	13,000				
14	8	24	17,000				
16	11.5	24	23, 200				
90° BENDS AND HYDRANT BURYS							
6 OR LESS	6	12	6,000				
8	8	15	10,700				
10	10	18	16,700				
12	12	18	24,000				
14	18	24	32,600				
16	21	24	42,700				
TEES & DE	TEES & DEAD ENDS		REDUCERS				
		1 .	SIZE	AREA #			
6 OR LESS	3	12	6 X	ı			
8	4	15	8 X 6	1.5			
10	6	18	10X8	2			
12	8.5	18	12X10	2.5			
14	11.5	24	14X12	3			
16	11.5	24	16X14	3.5			
		-		•			

NOTE:

ALL VALUES SHOWN ARE MINIMUM FOR A
HYDROSTATIC PRESSURE OF 150 P.S.I.
AND A SOIL RESISTANCE OF 2000 LBS./SQ.
FT. WITH PIPELINE A MINIMUM OF 2 FT.
OF COVER AND V OF 10 FPS.
THE DIR. OF PUBLIC WORKS WILL CONSIDER
REDUCTION OF THRUST BLOCK SURFACE AREA
UPON SUBMITTAL OF APPROVED SOIL RESISTANT
TEST RESULTS GREATER THAN 2000 LBS./SQ. FT.

	ENGINEERING	DEPARTMENT		CITY OF MERCED, CALIF
		THRUST BLOCKS		
-	DRAWN: R.D.	APPROVED BY:	DATE	1 W-7
	ENG. &.LC	Sovan W. Stroud	5-25-79	
	REVISED CITY ENGINEER			SHEET OF