



**SECTION A-A**

**ELEVATION**

SCHEDULE OF THRUST BLOCK DIMENSIONS												DIMENSIONS - INCHES					
SIZE OF PIPE (IN)	BEND IN DEGREE	F (FT)	G (FT)	H (FT)	I (FT)	J (FT)	K (FT)	L (FT)	M (FT)	N (FT)	**	A	C	E	R	D	T
6	22½	1.583	1.33	1.67	1.33	2.67	3.00	0.00	0.33	0.25	3@8"	5.0	10.6	4.0	15.06	1.50	0.55
6	45	1.583	1.33	1.67	1.00	2.67	3.00	0.00	0.33	0.25	3@8"	5.0	10.6	4.0	07.25	1.50	0.55
8	22½	1.583	1.33	1.67	1.33	2.67	3.00	0.33	0.33	0.25	4@8"	5.5	13.0	4.0	17.62	1.50	0.60
8	45	1.67	1.50	2.50	1.00	4.00	4.00	0.50	0.50	0.25	4@12"	5.5	13.0	4.0	08.44	1.50	0.60
10	22½	1.83	1.50	2.50	1.42	3.50	4.00	0.50	0.50	0.25	4@10"	6.5	15.3	4.0	22.62	1.50	0.68
10	45	1.92	1.67	2.83	1.00	4.00	4.50	0.67	0.67	0.25	4@12"	6.5	15.3	4.0	10.88	1.50	0.68
12	22½	2.00	1.50	2.50	1.583	4.00	4.00	0.67	0.50	0.33	4@12"	7.5	17.6	4.0	27.62	1.50	0.75
12	45	2.08	1.50	3.00	1.17	5.00	4.50	0.92	0.75	0.25	4@14"	7.5	17.6	4.0	13.25	1.50	0.75
16	22½	2.17	1.67	2.83	1.583	5.00	4.50	0.83	0.75	0.33	4@14"	8.0	22.2	4.0	27.62	1.75	0.89

**NOTE**

THE DESIGN ENGINEER IS RESPONSIBLE FOR ENSURING THAT THE THRUST BLOCKS ARE CORRECTLY SIZED FOR EACH APPLICATION.

**DETAIL "A"**

C					
B					
A					
	DESCRIPTION	DRW	CKD	APP	DATE
REVISIONS					
DRAWN BY: S.D.A.					
CHECKED BY: S.D.A.					
APPROVED:					

**THRUST BLOCK,  
VERTICAL BEND  
(TRADITIONAL  
DWSD SIZING)**

SCALE: NONE

CITY OF DETROIT  
WATER AND SEWERAGE  
DEPARTMENT  
ENGINEERING  
DIVISION

SHEET 1 OF 2

DWG No. 02620-26