

## TABLE OF DIMENSIONS FOR CONCRETE BLOCKING

SIZE	90° BEND				45° BEND				22 1/2° BEND				11 1/4° BEND			
PIPE	L	T	W	D	L	T	W	D	L	T	W	D	L	T	W	D
4"	24"	12"	24"	8"	18"	8"	12"	8"	18"	8"	12"	8"	15"	8"	12"	6"
6"	24"	15"	24"	8"	18"	10"	12"	8"	18"	10"	12"	8"	18"	10"	18"	6"
8"	36"	16"	30"	8"	24"	12"	18"	8"	24"	12"	18"	8"	24"	12"	18"	8"
10"	48"	20"	36"	10"	30"	14"	24"	10"	30"	14"	24"	10"	24"	14"	18"	8"
12"	54"	24"	48"	10"	36"	16"	30"	10"	36"	16"	30"	10"	30"	16"	24"	10"
14"	60"	28"	60"	12"	42"	16"	42"	12"	42"	16"	42"	12"	33"	16"	27"	12"
16"	66"	32"	63"	12"	48"	18"	48"	12"	48"	18"	48"	12"	36"	18"	30"	12"
18"	66"	36"	66"	14"	54"	18"	54"	14"	54"	18"	54"	14"	39"	18"	33"	14"
20"	72"	40"	69"	14"	60"	20"	60"	14"	60"	20"	60"	14"	42"	20"	36"	14"
24"	84"	48"	75"	18"	72"	22"	72"	18"	72"	22"	72"	18"	48"	22"	42"	18"

SIZE	TEE				PLUG				
PIPE	L	T	W	D	L	T	W	D	S
4"	18"	12"	12"	8"	18"	12"	18"	18"	2"
6"	18"	12"	12"	8"	18"	12"	18"	18"	2"
8"	30"	12"	24"	8"	30"	18"	30"	24"	4"
10"	36"	18"	30"	10"	36"	18"	36"	24"	4"
12"	48"	18"	36"	10"	42"	18"	42"	24"	4"
14"	54"	24"	42"	12"	48"	18"	48"	30"	6"
16"	60"	24"	48"	12"	54"	18"	54"	30"	6"
18"	66"	30"	54"	14"	60"	24"	60"	36"	6"
20"	72"	30"	60"	14"	66"	24"	66"	36"	8"
24"	84"	36"	72"	18"	78"	30"	78"	42"	8"

- NOTES:**
1. FOR TEE WITH BRANCH UNEQUAL TO RUN USE TEE TYPE KICKER WITH D, L, AND W DIMENSIONS THE SAME AS THOSE FOR PLUG WITH SAME DIAMETER AS BRANCH OF TEE. SELECT "T" DIMENSIONS FROM TEE TABLE UNDER COLUMN HEADED BY THE SIZE OF THE BRANCH.
  2. IF EXACT SIZE PIPE BLOCKING IS NOT SHOWN, USE NEXT LARGER SIZE.
  3. DEPTH "D" MAY BE GREATER THAN SPECIFIED TO ALLOW WORKING SPACE. BLOCKING MUST BE PLACED AGAINST UNDISTURBED EARTH OR ROCK.
  4. CONCRETE BLOCKING SHALL BE CLASS "B".

DRAWING NOT TO SCALE

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**CONCRETE  
 THRUST BLOCKING**  
 DRAWING 3 OF 3

STANDARD  
 DRAWING NO.  
**W - 2C**

**MURFREESBORO WATER & SEWER DEPARTMENT**