

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

CONCRETE THRUST BLOCKING

DRAWING 3 OF 3

STANDARD
DRAWING NO.
S - 42C

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MURFREESBORO WATER & SEWER DEPARTMENT