



NOTE:

1. Volumes given in cubic feet.
2. Backer to be centered horizontally on bend.
3. Steel will be used as required by the Engineer.
4. All concrete shall be class "C" as specified by State of Ohio Department of Transportation CMS.

SECTION A-A

PIPE SIZE	DEGREE OF BEND															
	11 1/4°				22 1/2°				45°				90°			
	L	W	H	VOL.	L	W	H	VOL.	L	W	H	VOL.	L	W	H	VOL.
3"	12"	18"	12"	1.5	13"	25"	16"	3.0	18"	30"	19"	5.9	25"	30"	24"	10.4
4"	12"	24"	16"	2.6	16"	30"	18"	5.0	22"	36"	24"	11.0	27"	48"	25"	18.7
6"	12"	48"	18"	6.0	15"	43"	36"	13.4	30"	55"	24"	22.9	37"	54"	36"	41.6
8"	12"	63"	24"	10.5	18"	57"	34"	20.2	36"	57"	33"	39.2	47"	60"	46"	75.0
12"	20"	54"	36"	22.6	37"	62"	37"	49.0	48"	62"	51"	87.9	66"	66"	66"	166.4
16"	31"	65"	38"	44.3	60"	65"	39"	88.1	65"	65"	65"	159.2	72"	96"	72"	288.0
20"	45"	70"	40"	72.8	56"	70"	60"	136.2	72"	76"	78"	247.0	86"	108"	84"	451.8
24"	41"	72"	54"	92.3	67"	74"	69"	198.0	88"	84"	84"	359.1	96"	120"	96"	640.0

STANDARD DIMENSIONS
FOR
**BACKING FOR
VERTICAL BENDS
(OVER BENDS ONLY)**

**CITY OF
REYNOLDSBURG, OHIO**

STANDARD
CONSTRUCTION DRAWING

Rev.	Date	Dwg. No.
08-01-01	03-04-86	R-34A