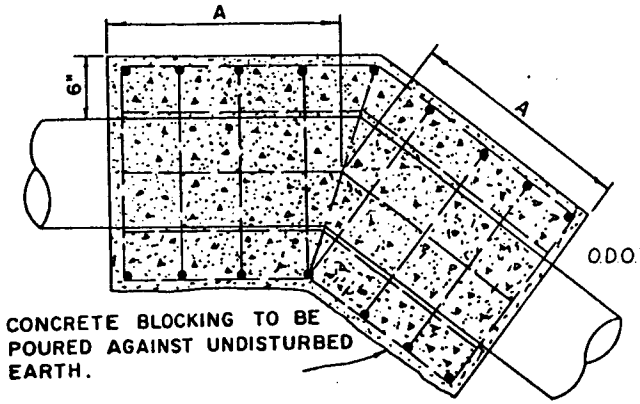
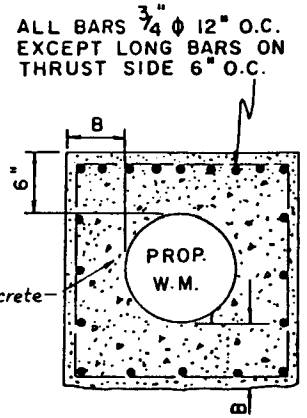


PROFILE



SECTION

NOTE

1. Blocking Shall Be Placed Against Firm, Undisturbed Earth. Where This Is Not Possible, Watermain Shall Be Encased As Shown On Standard Detail Sheet No. _____

2. If Distance Between Concrete Blocking For A Top Vertical Bend And Blocking For A Bottom Vertical Bend Is Less Than 3 Feet, Blocking Shall Be As Per Standard Detail Sheet No. _____

3. This Detail Does Not Apply To Creek Crossings. See Standard Detail Sheet No. _____

SIZE	75 P.S.I. & UNDER					75 TO 125 P.S.I.				125 TO 200 P.S.I.			
	DEGREE BEND	A	B	CU. YDS. CONC.	LBS. STEEL	A	B	CU. YDS. CONC.	LBS. STEEL	A	B	CU. YDS. CONC.	LBS. STEEL
4	11 1/4	1'0"	0'9"	0.2	36	1'0"	0'9"	0.2	36	1'0"	0'9"	0.2	36
	22 1/2	1'0"	0'9"	0.2	36	1'0"	0'9"	0.2	36	1'6"	0'9"	0.3	55
	45	1'6"	0'9"	0.3	55	1'6"	0'9"	0.3	55	2'0"	1'0"	0.7	100
6	11 1/4	1'0"	0'9"	0.3	44	1'0"	0'9"	0.3	44	1'6"	0'9"	0.4	67
	22 1/2	1'6"	0'9"	0.4	67	1'6"	0'9"	0.4	67	2'0"	0'9"	0.5	89
	45	2'0"	0'9"	0.5	89	2'0"	1'0"	0.8	116	3'0"	1'0"	1.1	174
8	11 1/4	1'6"	0'9"	0.5	79	1'6"	0'9"	0.5	79	1'6"	0'9"	0.5	79
	22 1/2	1'6"	0'9"	0.5	79	2'0"	0'9"	0.6	105	2'6"	1'0"	1.1	150
	45	2'0"	1'0"	0.9	120	3'6"	1'0"	1.5	210	5'0"	1'0"	2.1	300
10	11 1/4	1'6"	0'9"	0.5	86	1'6"	0'9"	0.5	86	2'0"	0'9"	0.7	115
	22 1/2	1'6"	0'9"	0.5	86	2'0"	1'0"	1.0	124	3'0"	1'0"	1.4	186
	45	3'0"	1'0"	1.4	186	4'6"	1'0"	2.2	279	7'0"	1'0"	3.4	435
12	11 1/4	1'6"	0'9"	0.6	90	1'6"	0'9"	0.6	90	2'0"	0'9"	0.8	119
	22 1/2	2'0"	0'9"	0.8	119	2'6"	1'0"	1.3	168	4'0"	1'0"	2.1	240
	45	4'0"	1'0"	2.1	240	6'0"	1'0"	3.2	403	9'0"	1'0"	4.7	605
16	11 1/4	2'0"	0'9"	1.0	131	1'0"	1'0"	0.8	120	2'6"	1'0"	2.2	190
	22 1/2	2'6"	1'0"	1.8	139	3'6"	1'0"	2.7	340	5'0"	1'0"	4.1	397
	45	4'6"	1'0"	3.2	273	7'6"	1'0"	5.7	720	10'0"	1'6"	14.2	861
20	11 1/4	2'0"	0'9"	1.2	140	2'0"	1'0"	2.0	173	3'0"	1'0"	2.7	267
	22 1/2	2'6"	1'0"	2.1	207	4'6"	1'0"	4.4	380	5'6"	1'6"	8.7	500
	45	5'0"	1'0"	4.2	298	8'0"	1'0"	7.3	740	11'0"	1'6"	16.2	1118

CITY OF ELYRIA, OHIO
ENGINEERING DEPARTMENT

TYPICAL BLOCKING FOR CAST IRON BENDS TOP VERTICAL

DR. BY TJS DATE 2-77
CK. BY [illegible] DATE 2-22-77
DRAWING 2-204

BY | DATE
REVISIONS

Larry A. Skipp
APPROVED CITY ENGINEER