

HORIZONTAL AND VERTICAL UP BLOCK DIMENSIONS DESIGN PRESSURE - 200 PSI SOIL TYPE - SANDY SILT (2000 LBS/SF)															
PIPE DIA.	TEES, WYES & PLUGS			90° BENDS			45° BENDS			22-1/2° BENDS			11-1/4° BENDS		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
4	16	16	18	19	19	18	14	14	18	12	12	18	12	12	18
6	23	23	20	28	28	20	20	20	20	14	14	20	12	12	20
8	30	30	22	36	36	22	27	27	22	19	19	22	13	13	22
10	37	37	24	44	44	24	33	33	24	23	23	24	17	17	24
12	44	44	26	53	53	26	39	39	26	28	28	26	20	20	26
14	51	51	29	61	61	29	45	45	29	32	32	29	23	23	29
16	59	59	31	70	70	31	51	51	31	37	37	31	26	26	31
18	66	66	33	78	78	33	57	57	33	41	41	33	29	29	33
20	73	73	36	86	86	36	64	64	36	45	45	36	32	32	36
24	87	87	39	103	103	39	76	76	39	54	54	39	38	38	39
30	108	108	44	128	128	44	94	94	44	67	67	44	48	48	44
36	129	129	48	153	153	48	113	113	48	80	80	48	57	57	48

\*ALL DIMENSIONS ARE IN INCHES\*

GRAVITY BLOCK DIMENSIONS DESIGN PRESSURE - 200 PSI SOIL TYPE - SANDY SILT (2000 LBS/SF)																			
PIPE DIA.	45° BENDS									PIPE DIA.	22-1/2° BENDS								
	A	B	C	D	E	F	G	H	C.Y.		A	B	C	D	E	F	G	H	C.Y.
4	35	35	24							0.63	4	26	26	24					0.34
6	50	50	24							1.31	6	37	37	24					0.71
8	66	66	24							2.25	8	49	49	24					1.22
10	72	72	30							3.38	10	53	53	30					1.83
12	36	80	30	24	18	12	12	47	4.78	12	36	68	30	27	18	12	15	23	2.59
14	36	94	30	27	18	12	15	63	6.42	14	36	75	30	27	18	12	15	23	3.47
16	36	108	30	33	18	12	18	79	8.30	16	36	76	30	33	18	12	18	32	4.49
18	42	121	30	36	18	12	20	94	10.43	18	42	85	30	36	18	12	20	42	5.64
20	48	135	30	36	18	12	20	108	12.80	20	48	95	30	36	18	12	20	52	6.92
24	52	146	36	51	20	15	24	114	18.26	24	52	99	36	41	20	15	24	52	9.88
30	58	183	36	55	24	15	30	155	28.08	30	58	129	36	46	24	15	30	81	15.20
36	64	220	36	60	28	15	36	197	40.23	36	64	156	36	52	28	15	36	110	21.77

\*ALL DIMENSIONS ARE IN INCHES\* (C.Y. = CUBIC YARDS OF CONCRETE REQUIRED)

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REVISED: 1/6/2023  
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CONCRETE BLOCKING FOR  
FITTINGS  
HORZ. & VERT. DIMENSIONS

PLAN  
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