

TABLE OF DIMENSIONS AND QUANTITIES FOR TWO TYPE A HEADWALLS

NO OF PIPES	DIAM OF PIPES	TABLE OF DIMENSIONS										TOTAL QUANTITIES											
		G	K	T	E	H	W	Lgth	Wt	No	Size	LBS	CY										
1	12"	12	9	1-9	2-3	5-0	3-3	15	8	2-6	8	6-8	28	12	4	2-11	23	12	4	3-8	29	98	1.48
2	12"	10				8	3-3	3		8-6	35	14		27	14		34	117		3-4	117	1.81	
3	12"					3-5	3-4			10-4	43	16		31	16		39	137		2-15	137	2.15	
4	12"					2-6	12-2	18		12-2	51	18		35	18		44	156		2-48	156	2.48	
1	15"	12	9	1-9	2-3	8-3	7-11	12	8	3-0	9	7-11	33	12	4	3-2	25	12	4	3-11	31	110	1.82
2	15"					10-6	10-2	15		10-2	42	14		30	14		37	133		2-21	133	2.21	
3	15"					12-9	12-5	19		12-5	52	16		34	16		42	156		2-66	156	2.66	
4	15"					15-0	14-8	22		11-8	61	18		38	18		47	177		3-09	177	3.09	
1	18"	12	9	1-9	3-0	9-6	9-2	14	8	3-6	11	9-2	38	20	4	3-5	46	20	4	4-2	56	165	2.19
2	18"					12-2	11-10	18		11-10	49	22		50	22		61	189		2-70	189	2.70	
3	18"					14-10	14-6	22		14-6	60	24		55	24		67	215		3-21	215	3.21	
4	18"					17-6	17-2	26		17-2	72	26		59	26		72	240		3-73	240	3.73	
1	24"	12	9	2-0	3-6	12-0	11-8	18	8	4-6	14	11-8	49	24	4	3-11	63	24	4	4-11	79	223	3.17
2	24"					15-5	15-1	23		15-1	63	26		68	26		85	253		3-89	253	3.89	
3	24"					18-10	18-6	28		18-3	77	28		73	28		92	284		4-62	284	4.62	
4	24"					22-3	2-11	33		21-11	91	30		79	30		99	316		5-35	316	5.35	
1	30"	12	9	2-3	4-0	4-6	4-2	21	16	5-6	33	14-2	59	28	4	4-5	83	28	4	5-8	106	302	4.31
2	30"	18				8-8	8-4	28		18-4	76	32		9-4	32		121	352		5-28	352	5.28	
3	30"					22-10	22-6	34		22-6	94	36		106	36		136	403		6-26	403	6.26	
4	30"					27-0	26-8	40		26-8	111	40		118	40		152	454		7-24	454	7.24	
1	36"	12	12	2-6	4-6	7-0	6-8	25	16	6-6	39	16-8	70	32	4	5-2	111	32	4	6-8	143	388	6.40
2	36"	18				11-1	10-7	32		11-1	101	36		124	36		160	445		7-89	445	7.89	
3	36"					26-10	26-6	40		26-6	111	40		138	40		178	506		9-37	506	9.37	
4	36"					31-3	31-3	47		31-3	131	44		152	44		196	565		10-85	565	10.85	
1	42"	12	12	2-9	5-0	9-6	9-2	29	16	7-6	45	19-2	80	36	4	5-8	136	36	4	7-5	178	448	8.10
2	42"	22				25-2	24-10	37		24-10	101	40		152	40		198	536		9-96	536	9.96	
3	42"					30-10	30-6	46		30-6	127	44		167	44		218	603		11-80	603	11.80	
4	42"					36-6	36-2	54		36-2	151	48		182	48		238	670		13-68	670	13.68	
1	48"	15	12	3-0	5-9	23-0	22-8	34	24	8-9	79	22-8	95	40	5	6-5	268	40	5	8-5	351	827	10.74
2	48"	25				29-5	29-1	44		29-1	121	44		295	44		386	925		13-08	925	13.08	
3	48"					35-0	35-2	53		35-0	148	48		321	48		422	1023		15-33	1023	15.33	
4	48"					42-3	4-11	63		4-11	175	52		448	52		457	1122		17-77	1122	17.77	
1	54"	15	12	3-3	6-3	25-3	25-2	38	24	9-9	88	25-2	101	44	5	6-11	318	44	5	9-2	421	970	12.87
2	54"	20				32-0	32-6	49		32-6	134	52		361	52		478	1112		15-77	1112	15.77	
3	54"					40-2	40-0	60		40-0	166	56		404	56		536	1254		18-66	1254	18.66	
4	54"					47-3	47-2	71		47-2	191	60		441	60		593	1396		21-55	1396	21.55	
1	60"	15	12	3-6	6-9	28-0	27-8	42	24	10-9	97	27-8	118	48	5	7-5	371	48	5	9-11	497	1122	15.20
2	60"	30				32-0	35-8	54		35-8	134	52		485	52		559	1277		18-55	1277	18.55	
3	60"					44-0	43-8	66		43-8	160	60		434	60		573	1430		21-89	1430	21.89	
4	60"					52-0	51-8	78		51-8	186	66		511	66		683	1585		25-24	1585	25.24	
1	66"	15	12	3-9	7-3	30-3	30-2	45	32	11-9	114	30-2	126	52	5	8-11	430	52	5	10-8	573	1321	17.75
2	66"	30				39-1	38-9	58		38-9	140	58		479	58		615	1405		21-49	1405	21.49	
3	66"					47-8	47-4	78		47-4	193	66		529	66		712	1651		25-27	1651	25.27	
4	66"					56-3	55-8	84		55-8	233	72		578	72		779	1815		29-05	1815	29.05	
1	72"	15	12	4-0	7-9	33-0	32-8	44	32	12-9	123	32-8	135	58	5	8-11	440	58	5	11-5	603	1377	20.42
2	72"	30				42-2	41-0	65		41-0	175	66		544	66		738	1673		24-66	1673	24.66	
3	72"					51-4	51-2	77		51-2	213	68		597	68		810	1850		28-89	1850	28.89	
4	72"					60-2	60-2	90		60-2	251	72		650	72		881	2025		33-12	2025	33.12	

TABLE OF DIMENSIONS AND QUANTITIES FOR TWO TYPE B HEADWALLS

NO OF PIPES	DIAM OF PIPES	TABLE OF DIMENSIONS										TOTAL QUANTITIES																									
		G	K	X	H	Y	W	No	Av Lgth	Wt	No	Size	LBS	CY																							
1	12"	12	2-3	2-0	1-0	2-4	2-2	8	4	6	2-6	6		4	5		2-0	17	8	4	2-2	12	2-8	4	8	5	4	2-11	8	7-8	7	68	52				
2	12"	10				4-2	4-6	6	8		6	8		9			5-8	47	16		23	6-4	10									122	111				
3	12"					6-0	6-4	8	10		8	10		11			7-6	63	20		29	8-2	12									151	140				
4	12"					7-10	8-2	11	12		11	12		11			8-6	75	20		32	10-4	16									191	177				
1	15"	12	2-7	2-3	1-6	3-2	4	3-0	8	6	3-0	7	4	1-10	3	8	11			2-3	19	8	4	2-5	13	3-7	5	1-3	10	8	3-0	16	2-3	9	101	75	
2	15"	1-0				4-10	5-3	14	8		9						4-8	38	12		19	5-10	9										138	116			
3	15"					7-12	7-6	20	10		11						6-9	56	16		26	8-1	12										174	157			
4	15"					9-12	9-9	26	14		16						9-0	75	20		32	10-4	16										214	198			
1	18"	12	2-11	2-6	2-0	4-0	4	3-10	10	6	3-6	8	4	1-10	3	8	11	4	1-0	2	2-7	22	8	4	2-8	14	4-5	7	1-10	15	12	3-2	25	2-11	12	129	100
2	18"	1-2				5-7	6-6	17	8		11						5-3	44	12		21	7-1	11											172	155		
3	18"					8-3	9-2	25	12		16						7-11	66	16		29	9-9	15											219	211		
4	18"					10-11	11-10	32	16		21						10-7	88	20		36	12-5	19											264	265		
1	24"	12	3-6	3-0	3-0	5-9	6	5-0	20	6	4-6	10	4	1-10	3	8	11	4	1-0	2	3-2	26	8	4	3-2	17	6-2	9	3-0	24	16	3-5	37	4-2	17	176	162
2	24"	1-5				6-11	8-5	34	10		17						6-7	55	12		25	9-7	14												239	246	
3	24"					10-4	11-10	47	16		27						9-10	32	16		34	13-0	20											304	332		
4	24"					13-9	15-3	61	20		34						13-5	112	20		42	16-5	25											368	418		
1	30"	12	4-1	3-6	4-0	7-6	8	6-2	33	6	5-6	12	8	3-1	9	12	16	8	2-2	7	3-9	31	8	4	3-8	20	7-11	12	4-								