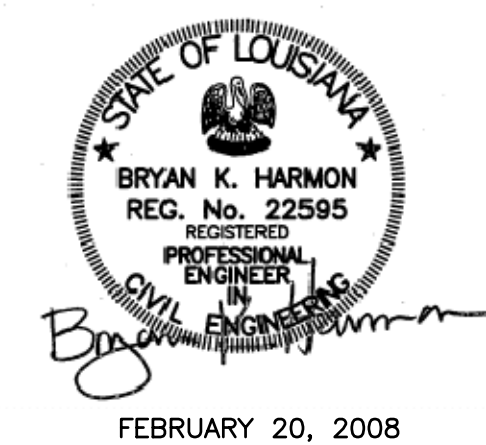


PIPE		DIMENSIONS									#4 REINFORCING STEEL BARS															QUANTITIES							
		H	E	C	J	D	L	M	S	BARS E					BARS J		BARS O		BARS P		BARS H		BARS V		BARS M		CONC.	STEEL					
SIZE	NO.	Lgth. ft. in.	Lgth. ft. in.	Lgth. ft. in.	Lgth. ft. in.	Lgth. ft. in.	Lgth. ft. in.	Lgth. ft. in.	Lgth. ft. in.	Lgth. ft. in.	NO.	Lgth. ft. in.	Spc. in.	X ft. in.	Y ft. in.	Z ft. in.	NO.	Lgth. ft. in.	NO.	Lgth. ft. in.	Spc. in.	NO.	Lgth. ft. in.	NO.	Lgth. ft. in.	NO.	Lgth. ft. in.	NO.	Lgth. ft. in.	NO.	Lgth. ft. in.	CU. YDS.	LBS.
15"	1	2-8	0-5	0-6	3-1	0-10	5-4	12-3	1-3	12	3-7	12.0	0-6	2	2-11	4	5-0	13	3-8	12.0	7	11-11	0	0-0	1	8	2	11-11	2.48	146			
	2	2-8	0-5	0-6	3-1	0-10	5-4	15-2	1-3	15	3-7	12.0	0-6	2	2-11	4	5-0	16	3-8	12.0	7	14-10	2	0-11	2	8	2	14-10	3.04	180			
	3	2-8	0-5	0-6	3-1	0-10	5-4	18-0	1-3	18	3-7	12.0	0-6	2	2-11	4	5-0	19	3-8	12.0	7	17-8	4	0-11	3	8	2	17-8	3.58	213			
	4	2-8	0-5	0-6	3-1	0-10	5-4	20-11	1-3	21	3-7	12.0	0-6	2	2-11	4	5-0	22	3-8	12.0	7	20-7	6	0-11	4	8	2	20-7	4.14	247			
18"	1	2-11	0-5	0-6	3-3	0-10	5-10	13-7	1-3	14	3-10	12.0	0-6	2	3-2	4	5-6	14	3-10	12.0	7	13-3	0	0-0	1	8	2	13-3	2.87	166			
	2	2-11	0-5	0-6	3-3	0-10	5-10	16-9	1-3	17	3-10	12.0	0-6	2	3-2	4	5-6	17	3-10	12.0	7	16-5	2	0-11	2	8	2	16-5	3.49	203			
	3	2-11	0-5	0-6	3-3	0-10	5-10	19-11	1-3	20	3-10	12.0	0-6	2	3-2	4	5-6	21	3-10	12.0	7	19-7	4	0-11	3	8	2	19-7	4.12	241			
	4	2-11	0-5	0-6	3-3	0-10	5-10	23-1	1-3	23	3-10	12.0	0-6	2	3-2	4	5-6	24	3-10	12.0	7	22-9	6	0-11	4	8	2	22-9	4.75	277			
24"	1	3-6	0-6	0-6	3-6	0-10	7-0	16-6	1-3	16	4-6	12.0	0-7	2	3-9	4	6-8	17	4-2	12.0	7	16-2	0	0-0	2	8	2	16-2	3.80	211			
	2	3-6	0-6	0-6	3-6	0-10	7-0	20-3	1-3	19	4-6	12.0	0-7	2	3-9	4	6-8	21	4-2	12.0	7	19-11	2	0-11	4	8	2	19-11	4.60	256			
	3	3-6	0-6	0-6	3-6	0-10	7-0	24-0	1-3	22	4-6	12.0	0-7	2	3-9	4	6-8	25	4-2	12.0	7	23-8	4	0-11	6	8	2	23-8	5.39	301			
	4	3-6	0-6	0-6	3-6	0-10	7-0	27-9	1-3	25	4-6	12.0	0-7	2	3-9	4	6-8	28	4-2	12.0	7	27-5	6	0-11	8	8	2	27-5	6.19	343			
30"	1	4-1	0-7	0-6	3-9	0-10	8-2	19-5	1-3	20	5-2	10.5	0-8	2	4-4	6	7-10	20	4-6	12.0	8	19-1	0	0-0	2	8	2	19-1	4.86	289			
	2	4-1	0-7	0-6	3-9	0-10	8-2	23-9	1-3	23	5-2	10.5	0-8	2	4-4	6	7-10	24	4-6	12.0	8	23-5	3	0-11	4	8	2	23-5	5.83	343			
	3	4-1	0-7	0-6	3-9	0-10	8-2	28-1	1-3	26	5-2	10.5	0-8	2	4-4	6	7-10	29	4-6	12.0	8	27-9	6	0-11	6	8	2	27-9	6.81	400			
	4	4-1	0-7	0-6	3-9	0-10	8-2	32-5	1-3	29	5-2	10.5	0-8	2	4-4	6	7-10	33	4-6	12.0	8	32-1	9	0-11	8	8	2	32-1	7.78	454			
36"	1	4-8	0-8	0-6	4-1	0-10	9-4	22-4	1-3	28	5-10	9.5	0-9	2	4-11	8	9-0	23	4-11	12.0	8	22-0	0	0-0	3	8	2	22-0	6.08	389			
	2	4-8	0-8	0-6	4-1	0-10	9-4	27-3	1-3	31	5-10	9.5	0-9	2	4-11	8	9-0	28	4-11	12.0	8	26-11	4	0-11	6	8	2	26-11	7.26	453			
	3	4-8	0-8	0-6	4-1	0-10	9-4	32-2	1-3	34	5-10	9.5	0-9	2	4-11	8	9-0	33	4-11	12.0	8	31-10	8	0-11	9	8	2	31-10	8.45	518			
	4	4-8	0-8	0-6	4-1	0-10	9-4	37-1	1-3	37	5-10	9.5	0-9	2	4-11	8	9-0	38	4-11	12.0	8	36-9	12	0-11	12	8	2	36-9	9.63	583			
42"	1	5-3	0-9	0-8	4-2	1-0	10-6	25-3	1-5	30	6-10	8.0	1-0	2	5-8	8	10-2	26	5-3	12.0	9	24-11	0	0-0	4	8	2	24-11	8.84	458			
	2	5-3	0-9	0-8	4-2	1-0	10-6	30-11	1-5	33	6-10	8.0	1-0	2	5-8	8	10-2	32	5-3	12.0	9	30-7	4	1-1	8	8	2	30-7	10.56	539			
	3	5-3	0-9	0-8	4-2	1-0	10-6	36-7	1-5	36	6-10	8.0	1-0	2	5-8	8	10-2	37	5-3	12.0	9	36-3	8	1-1	12	8	2	36-3	12.27	617			
	4	5-3	0-9	0-8	4-2	1-0	10-6	42-3	1-5	39	6-10	8.0	1-0	2	5-8	8	10-2	43	5-3	12.0	9	41-11	12	1-1	16	8	2	41-11	13.99	698			
48"	1	5-10	0-10	0-8	4-6	1-0	11-8	28-2	1-7	38	7-6	7.5	1-1	2	6-3	10	11-4	30	5-8	11.5	9	27-10	0	0-0	4	8	2	27-10	10.64	586			
	2	5-10	0-10	0-8	4-6	1-0	11-8	34-7	1-7	41	7-6	7.5	1-1	2	6-3	10	11-4	37	5-8	11.5	9	34-3	5	1-3	8	8	2	34-3	12.72	680			
	3	5-10	0-10	0-8	4-6	1-0	11-8	41-0	1-7	44	7-6	7.5	1-1	2	6-3	10	11-4	43	5-8	11.5	9	40-8	10	1-3	12	8	2	40-8	14.80	771			
	4	5-10	0-10	0-8	4-6	1-0	11-8	47-5	1-7	47	7-6	7.5	1-1	2	6-3	10	11-4	50	5-8	11.5	9	47-1	15	1-3	16	8	2	47-1	16.87	866			
54"	1	6-5	1-0	0-8	4-9	1-0	12-10	31-1	1-9	52	8-3	6.0	1-3	2	6-10	10	12-6	40	6-1	9.5	10	30-9	0	0-0	5	8	2	30-9	12.61	781			
	2	6-5	1-0	0-8	4-9	1-0	12-10	38-3	1-9	56	8-3	6.0	1-3	2	6-10	10	12-6	49	6-1	9.5	10	37-11	5	1-5	10	8	2	37-11	15.07	904			
	3	6-5	1-0	0-8	4-9	1-0	12-10	45-5	1-9	60	8-3	6.0	1-3	2	6-10	10	12-6	58	6-1	9.5	10	45-1	10	1-5	15	8	2	45-1	17.54	1027			
	4	6-5	1-0	0-8	4-9	1-0	12-10	52-7	1-9	64	8-3	6.0	1-3	2	6-10	10	12-6	67	6-1	9.5	10	52-3	15	1-5	20	8	2	52-3	20.01	1150			
60"	1	7-0	1-2	0-8	5-0	1-2	14-0	34-0	2-0	68	9-2	5.0	1-4	2	7-8	10	13-0	45	6-6	9.0	10	33-8	0	0-0	5	8	2	33-8	14.73	971			
	2	7-0	1-2	0-8	5-0	1-2	14-0	42-0	2-0	74	9-2	5.0	1-4	2	7-8	10	13-0	49	6-6	9.0	10	41-8	8	1-8	10	8	2	41-8	17.67	1100			
	3	7-0	1-2	0-8	5-0	1-2	14-0	50-0	2-0	80	9-2	5.0	1-4	2	7-8	10	13-0	53	6-6	9.0	10	49-8	16	1-8	15	8	2	49-8	20.60	1230			
	4	7-0	1-2	0-8	5-0	1-2	14-0	58-0	2-0	86	9-2	5.0	1-4	2	7-8	10	13-0	57	6-6	9.0	10	57-8	24	1-8	20	8	2	57-8	23.54	1359			
66"	1	7-7	1-4	0-10	5-3	1-4	15-2	36-11	2-2	82	10-1	4.5	1-6	2	8-5	10	14-2	52	7-1	8.5	11	36-7	0	0-0	6	8	2	36-7	19.08	1213			
	2	7-7	1-4	0-10	5-3	1-4	15-2	45-8	2-2	87	10-1	4.5	1-6	2	8-5	10	14-2	56	7-1	8.5	11	45-4	9	1-10	12	8	2	45-4	22.81	1356			
	3	7-7	1-4	0-10	5-3	1-4	15-2	54-5	2-2	92	10-1	4.5	1-6	2	8-5	10	14-2	60	7-1	8.5	11	54-1	18	1-10	18	8	2	54-1	26.53	1497			
	4	7-7	1-4	0-10	5-3	1-4	15-2	63-2	2-2	97	10-1	4.5	1-6	2	8-5	10	14-2	64	7-1	8.5	11	62-10	27	1-10	24	8	2	62-10	30.26	1640			
72"	1	8-2	1-6	0-10	5-6	1-6	16-4	39-10	2-4	96	10-11	4.0	1-7	2	9-2	11	15-4	60	7-6	8.0	11	38-6	0	0-0	6	8	2	39-6	21.45	1459			
	2	8-2	1-6	0-10	5-6	1-6	16-4	49-4	2-4	102	10-11	4.0	1-7	2	9-2	11	15-4	79	7-6	8.0	11	49-0	9	2-0	12	8	2	49-0	25.63	1695			
	3	8-2	1-6	0-10	5-6	1-6	16-4	58-10	2-4	108	10-11	4.0	1-7	2	9-2	11	15-4	83	7-6	8.0	11	58-6	18	2-0	18	8	2	58-6	29.80	1856			
	4	8-2	1-6	0-10	5-6	1-6	16-4	68-4	2-4	114	10-11	4.0	1-7	2	9-2	11	15-4	87	7-6	8.0	11	68-0	27	2-0	24	8	2	68-0	33.98	2017			



STRAIGHT HEADWALL  
SINGLE AND MULTIPLE 15" THRU 72" R.C.P.  
90° CROSSING - 2:1 SPILL SLOPE

ENGINEERING DIVISION			
DEPARTMENT OF PUBLIC WORKS			
CITY OF BATON ROUGE & PARISH OF EAST BATON ROUGE			
DESIGNED R. ELLIS	DRAWN G. VANNICE	CHECKED R. ELLIS	APPROVED B. HARMON

DATE	DESCRIPTION	BY