



PIPE SIZE (IN.)	A (IN.)	B (IN.)	C (IN.)	D (IN.)	E (IN.)	F MIN. (IN.)	G (IN.)	H (IN.)	I	J (BEND TO RADIUS G)	K	L	M	CU. YDS. CONC. PER FT.	LBS. STEEL PER FT.
36	58	12	12	8	8	56	21	2	12 - #4 BARS, 12" OVERLAP MIN.	#4 BAR, 6" O.C., 78" LONG	#4 BAR, 6" O.C., 60" LONG	8 - #4 BARS, 12" OVERLAP MIN.	4 - #4 BARS, 18" OVERLAP MIN.	.56	48
40	62	12	12	8	8	58	23	2	12 - #4 BARS, 12" OVERLAP MIN.	#4 BAR, 6" O.C., 84" LONG	#4 BAR, 6" O.C., 64" LONG	8 - #4 BARS, 12" OVERLAP MIN.	4 - #4 BARS, 18" OVERLAP MIN.	.62	50
42	64	12	12	8	8	60	24	2	12 - #4 BARS, 12" OVERLAP MIN.	#4 BAR, 6" O.C., 88" LONG	#4 BAR, 6" O.C., 68" LONG	8 - #4 BARS, 12" OVERLAP MIN.	4 - #4 BARS, 18" OVERLAP MIN.	.65	52
46	68	12	12	8	8	64	26	2	12 - #4 BARS, 12" OVERLAP MIN.	#4 BAR, 6" O.C., 94" LONG	#4 BAR, 6" O.C., 70" LONG	8 - #4 BARS, 12" OVERLAP MIN.	4 - #4 BARS, 18" OVERLAP MIN.	.71	55
48	69	12	12	8	8	65	27	2	14 - #4 BARS, 12" OVERLAP MIN.	#4 BAR, 6" O.C., 96" LONG	#4 BAR, 6" O.C., 72" LONG	10 - #4 BARS, 12" OVERLAP MIN.	4 - #6 BARS, 18" OVERLAP MIN.	.71	59
50	72	12	12	8	8	67	29	2	15 - #4 BARS, 12" OVERLAP MIN.	#4 BAR, 6" O.C., 108" LONG	#4 BAR, 6" O.C., 75" LONG	10 - #4 BARS, 12" OVERLAP MIN.	4 - #6 BARS, 18" OVERLAP MIN.	.75	62
54	75	12	12	8	8	72	31.5	2	16 - #4 BARS, 12" OVERLAP MIN.	#4 BAR, 6" O.C., 120" LONG	#4 BAR, 6" O.C., 78" LONG	12 - #4 BARS, 12" OVERLAP MIN.	4 - #6 BARS, 18" OVERLAP MIN.	.80	69

	DRW: JAS	DATE: 2/22/16	REINFORCED CONCRETE ENCASEMENT FOR 36", 40", 42", 48" AND 54" WATERMANS	STANDARD PLATE NO. WATR-4002
	APP: CMD	DATE: 2/22/16		

NOT TO SCALE