

DIMENSIONS					REINFORCING STEEL																						
SPAN	HGHT	T1	T2	T3	A	B	C	D	E	F	BH1			BH2			BH3			BV1			NO. BL1 BARS	NO. BL2 BARS			
(FT.)	(FT.)	TOP SLAB (IN.)	BOTTOM SLAB (IN.)	WALL (IN.)							SIZE	SPACING C-C	a	b	LENGTH	SIZE	SPACING C-C	LENGTH	SIZE	SPACING C-C	a	LENGTH			SIZE	SPACING C-C	LENGTH
12	14	10 ³ / ₄ "	10 ³ / ₄ "	8"	11	11'- 0"	22	11'- 0"	12	12'- 0"	5	7"	13'- 0"	8'- 4 ³ / ₄ "	29'- 2"	8	7"	13'- 0"	4	7"	3'-10 ³ / ₄ "	7'- 6"	4	8 ¹ / ₂ "	15'- 5"	63	52
12	16	11 ³ / ₄ "	11 ³ / ₄ "	8 ¹ / ₄ "	11	11'- 0"	22	11'- 0"	14	14'- 0"	6	6"	13'- 1/2"	9'- 5 ³ / ₄ "	31'- 2"	8	6"	13'- 0"	--	---	-----	-----	4	5 ¹ / ₂ "	17'- 8"	63	60
14	8	10 ³ / ₄ "	10 ³ / ₄ "	8"	13	13'- 0"	26	13'- 0"	6	6'- 0"	5	7"	15'- 0"	5'- 4 ³ / ₄ "	25'- 2"	7	7"	15'- 0"	4	7"	4'- 3 ⁵ / ₈ "	8'- 4"	4	12"	9'- 5"	73	28
14	10	11"	11"	8"	13	13'- 0"	26	13'- 0"	8	8'- 0"	5	8 ¹ / ₂ "	15'- 0"	6'- 5"	27'- 2"	8	8 ¹ / ₂ "	15'- 0"	4	8 ¹ / ₂ "	4'- 3 ⁵ / ₈ "	8'- 4"	4	12"	11'- 6"	73	36
14	12	11"	11"	8"	13	13'- 0"	26	13'- 0"	10	10'- 0"	5	7 ¹ / ₂ "	15'- 0"	7'- 5"	29'- 2"	8	7 ¹ / ₂ "	15'- 0"	4	7 ¹ / ₂ "	4'- 3 ⁵ / ₈ "	8'- 4"	4	12"	13'- 6"	73	44
14	14	11 ¹ / ₂ "	11 ¹ / ₂ "	8"	13	13'- 0"	26	13'- 0"	12	12'- 0"	6	6 ¹ / ₂ "	15'- 0"	8'- 5 ¹ / ₂ "	31'- 1"	8	6 ¹ / ₂ "	15'- 0"	--	---	-----	-----	4	10"	15'- 7"	73	52
14	16	12 ¹ / ₂ "	12 ¹ / ₂ "	8 ¹ / ₄ "	13	13'- 0"	26	13'- 0"	14	14'- 0"	6	5 ¹ / ₂ "	15'- 1/2"	9'- 6 ¹ / ₂ "	33'- 4"	8	5 ¹ / ₂ "	15'- 0"	--	---	-----	-----	5	9"	17'- 9"	73	60

SPAN	HGHT	REINFORCING STEEL (LBS/LONG. JT)	QUAN./LF		HEADWALLS																	
			CONCRETE CLASS #4 (CY/LF)	REINFORCING STEEL (LBS/LF)	G		HW1		INLET CONCRETE CL. #4 (CY)	INLET REINFORCING STEEL (LBS)	OUTLET CONCRETE CL. #4 (CY)	OUTLET REINFORCING STEEL (LBS)	WINGWALL									
(FT.)	(FT.)				HEADWALL LENGTH	SIZE	LENGTH															
12	14	70.961	1.591	348.374	14'-10"	6	14'- 6"	2.927	87.116	2.961	87.116	X										
12	16	73.785	1.793	442.230	14'-10"	6	14'- 6"	3.064	87.116	3.097	87.116	BB										
14	8	70.839	1.431	305.160	16'-10"	6	16'- 6"	2.557	99.132	2.597	99.132	L										
14	10	73.663	1.554	302.186	16'-10"	6	16'- 6"	2.735	99.132	2.775	99.132	P										
14	12	76.487	1.649	344.477	16'-10"	6	16'- 6"	2.920	99.132	2.961	99.132	T										
14	14	79.311	1.790	413.560	16'-10"	6	16'- 6"	3.092	99.132	3.132	99.132	X										
14	16	82.135	2.004	513.929	16'-10"	6	16'- 6"	3.222	99.132	3.262	99.132	BB										

For Typical Section, notes and other details, refer to Standard BCB-DT.

OVERSIZE BOX CULVERTS

0 TO 2 FT. FILLS