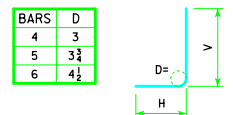


VARIABLE DIMENSIONS AND QUANTITIES FOR 6 x 3 BARREL SECTIONS

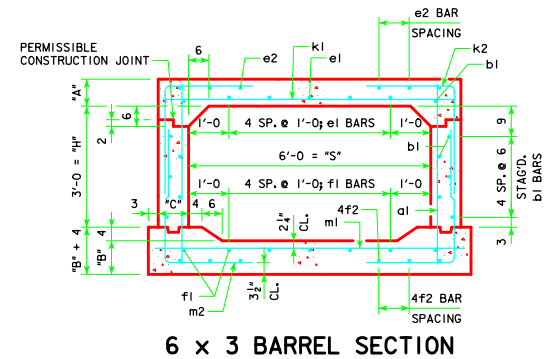
DIMENSIONS										BAR LIST																		QUANTITIES																					
FILL	S	H	A	B	C	D	a1		b1		e1		e2		f1		f2		k1		k2		k9		m1		m2		m9		CONCRETE (CY/FT)				STEEL (LB/FT)														
							SIZE	SP.	L	SIZE	SP.	NO.	SIZE	SP.	NO.	SIZE	SP.	NO.	SIZE	SP.	NO.	SIZE	SP.	NO.	SIZE	SP.	L	SIZE	SP.	L	SIZE	SP.	L	SIZE	SP.	L	SIZE	SP.	SLAB	FLOOR	WALLS	TOTAL							
0	6	3	10.5	10	9	9	4	12	4'-7"	4	6	12	5	4	10	6	4	12	7	4	12	6	6	9	7'-2"	4	6	5'-5"	2'-4"	3'-1"	4	7'-2"	6	9	7'-8"	4	6	5'-11"	2'-8"	3'-3"	4	7'-8"	0.275	0.284	0.146	0.705	94.26		
1	6	3	9	10	9	9	4	12	4'-6"	4	6	12	4	12	5	4	10	6	4	12	7	4	11	6	6	12	7'-2"	4	6	5'-2"	2'-3"	2'-11"	4	7'-2"	6	9	7'-8"	4	6	5'-9"	2'-6"	3'-3"	4	7'-8"	0.241	0.284	0.146	0.671	87.76
2	6	3	8	10	9	9	4	12	4'-5"	4	6	12	4	12	5	4	18	4	4	12	7	4	10	6	5	9	7'-2"	4	6	4'-11"	2'-1"	2'-10"	4	7'-2"	6	9	7'-8"	4	6	5'-6"	2'-3"	3'-3"	4	7'-8"	0.218	0.284	0.146	0.648	83.79
3	6	3	8	10	9	9	4	9	4'-5"	4	6	12	4	12	5	4	9	6	4	12	7	4	9	6	5	9	7'-2"	5	12	5'-0"	2'-2"	2'-10"	5	7'-2"	6	9	7'-8"	5	12	5'-5"	2'-2"	3'-3"	5	7'-8"	0.218	0.284	0.146	0.648	82.50
4-6	6	3	8	10	9	9	4	9	4'-5"	4	6	12	4	12	5	4	9	6	4	12	7	4	9	6	4	6	7'-2"	5	12	5'-0"	2'-2"	2'-10"	5	7'-2"	4	6	7'-8"	5	12	5'-5"	2'-2"	3'-3"	5	7'-8"	0.218	0.284	0.146	0.648	76.11
7-10	6	3	8	10	9	9	4	9	4'-5"	4	6	12	4	12	5	4	18	4	4	12	7	4	18	4	4	6	7'-2"	5	12	4'-11"	2'-1"	2'-10"	5	7'-2"	4	6	7'-8"	5	12	5'-4"	2'-1"	3'-3"	5	7'-8"	0.218	0.284	0.146	0.648	73.11
11-15	6	3	8	10	9	9	4	9	4'-5"	4	6	12	4	12	5	4	17	4	4	12	7	4	17	4	6	9	7'-2"	5	12	4'-10"	2'-0"	2'-10"	5	7'-2"	6	9	7'-8"	5	12	5'-3"	2'-0"	3'-3"	5	7'-8"	0.218	0.284	0.146	0.648	83.71
16-20	6	3	8	10	9	9	4	9	4'-5"	4	6	12	4	12	5	4	15	4	4	12	7	4	16	4	5	6	7'-2"	4	6	4'-8"	1'-10"	2'-10"	4	7'-2"	5	6	7'-8"	4	6	5'-2"	1'-11"	3'-3"	4	7'-8"	0.218	0.284	0.146	0.648	87.66
21-25	6	3	8	10	9	6	4	6	4'-5"	4	6	12	4	12	5	4	15	4	4	12	7	4	16	4	7	9	7'-2"	4	6	4'-8"	1'-10"	2'-10"	4	7'-2"	6	6	7'-8"	4	6	5'-2"	1'-11"	3'-3"	4	7'-8"	0.218	0.284	0.146	0.648	103.92
26-30	6	3	8.5	11	9	6	4	6	4'-6"	4	6	12	4	12	5	4	18	4	4	12	7	4	17	4	6	6	7'-2"	6	12	5'-4"	2'-1"	3'-3"	6	7'-2"	6	6	7'-8"	6	12	5'-4"	2'-0"	3'-4"	6	7'-8"	0.229	0.308	0.146	0.683	114.16
31-35	6	3	9.5	12	9	6	4	6	4'-8"	4	6	12	4	12	5	4	17	4	4	12	7	4	15	4	6	6	7'-2"	6	12	5'-4"	2'-0"	3'-4"	6	7'-2"	6	6	7'-8"	6	12	5'-3"	1'-10"	3'-5"	6	7'-8"	0.252	0.333	0.146	0.731	114.34
36-40	6	3	10.5	12.5	9	6	4	6	4'-10"	4	6	12	4	12	5	4	14	4	4	12	7	4	15	4	6	6	7'-2"	4	6	4'-9"	1'-9"	3'-0"	4	7'-2"	6	6	7'-8"	4	6	5'-4"	1'-10"	3'-6"	4	7'-8"	0.275	0.345	0.146	0.766	107.13
41-45	6	3	11	13	9	6	4	6	4'-11"	4	6	12	4	12	5	4	14	4	4	12	7	4	15	4	8	9	7'-2"	4	6	4'-10"	1'-9"	3'-1"	4	7'-2"	7	6	7'-8"	4	6	5'-4"	1'-10"	3'-6"	4	7'-8"	0.287	0.358	0.146	0.791	120.84
46-50	6	3	11.5	14	9	6	4	6	5'-0"	4	6	12	4	12	5	4	15	4	4	12	7	4	15	4	7	6	7'-2"	6	12	5'-4"	1'-10"	3'-6"	6	7'-2"	7	6	7'-8"	6	12	5'-5"	1'-10"	3'-7"	6	7'-8"	0.299	0.382	0.146	0.827	132.05
51-55	6	3	12	14.5	9	6	4	6	5'-1"	4	6	12	4	12	5	4	15	4	4	12	7	4	15	4	7	6	7'-2"	6	12	5'-4"	1'-10"	3'-6"	6	7'-2"	7	6	7'-8"	6	12	5'-6"	1'-10"	3'-8"	6	7'-8"	0.310	0.395	0.146	0.851	132.53

BENT BAR DETAIL



k2 & m2

NOTE:
ALL DIMENSIONS ARE OUT TO OUT.
D = PIN DIAMETER.



- NOTES:**
- DIMENSIONS LISTED ON THIS SHEET TO BE USED IN CONJUNCTION WITH SHEET RCB G2-12.
 - THE k2 AND m2 BARS HORIZONTAL LEGS MAY LAP IN LOW FILL SITUATIONS.
 - DIMENSIONS "A", "B", "C", "D", AND "SP." LISTED IN THE BAR LIST ARE IN INCHES.

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER	STANDARD DESIGN SINGLE REINFORCED CONCRETE BOX CULVERTS APRIL, 2012 CULVERT BARREL DETAILS 6 x 3 BARREL SECTIONS	RCB 6-3-12
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