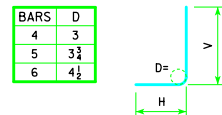


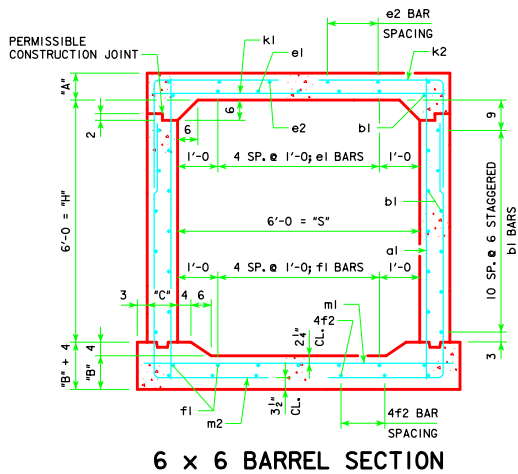
VARIABLE DIMENSIONS AND QUANTITIES FOR 6 x 6 BARREL SECTIONS

DIMENSIONS						BAR LIST																								QUANTITIES																			
FILL	S	H	A	B	C	a1		b1		e1		e2		f1		f2		k1		k2		k9		m1		m2		CONCRETE (CY/FT)				STEEL																	
						SIZE	SP.	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	SLAB	FLOOR	WALLS	TOTAL	(LB/FT)										
0	6	6	10.5	10	9	9	4	12	7'-7	4	6	24	5	12	5	4	14	6	4	12	7	4	14	6	6	9	7'-2	4	6	7'-7	4'-6	3'-1	--	--	6	9	7'-8	4	6	10'-1	3'-10	6'-3	--	--	0.275	0.284	0.313	0.872	122.92
1	6	6	9	10	9	9	4	9	7'-6	4	6	24	5	12	5	4	14	6	4	12	7	4	14	6	6	9	7'-2	5	12	7'-5	4'-6	2'-11	--	--	6	9	7'-8	5	12	10'-9	4'-6	6'-3	--	--	0.241	0.284	0.313	0.838	119.03
2	6	6	8	10	9	9	4	9	7'-5	4	6	24	5	12	5	4	14	6	4	12	7	4	17	6	6	9	7'-2	5	12	7'-4	4'-6	2'-10	--	--	6	9	7'-8	5	12	9'-9	3'-6	6'-3	5	7'-8	0.218	0.284	0.313	0.815	116.87
3	6	6	8	10	9	9	4	9	7'-5	4	6	24	4	12	5	4	17	6	4	12	7	4	15	6	5	9	7'-2	5	12	6'-4	3'-6	2'-10	5	7'-2	6	9	7'-8	5	12	9'-4	3'-1	6'-3	5	7'-8	0.218	0.284	0.313	0.815	107.63
4-7	6	6	8	10	9	9	4	9	7'-5	4	6	24	4	12	5	4	15	6	4	12	7	4	13	6	5	9	7'-2	5	12	6'-2	3'-1	3'-1	5	7'-2	6	9	7'-8	5	12	9'-1	2'-10	6'-3	5	7'-8	0.218	0.284	0.313	0.815	106.68
8-10	6	6	8	10	9	9	4	9	7'-5	4	6	24	4	12	5	4	11	6	4	12	7	4	11	6	4	6	7'-2	5	12	5'-4	2'-6	2'-10	5	7'-2	6	9	7'-8	5	12	8'-9	2'-6	6'-3	5	7'-8	0.218	0.284	0.313	0.815	103.34
11-15	6	6	8	10	9	9	4	12	7'-5	4	6	24	4	12	5	4	18	4	4	12	7	4	18	4	6	9	7'-2	4	6	4'-11	2'-1	2'-10	4	7'-2	6	9	7'-8	4	6	8'-4	2'-1	6'-3	4	7'-8	0.218	0.284	0.313	0.815	106.79
16-20	6	6	8	10	9	9	4	12	7'-5	4	6	24	4	12	5	4	18	4	4	12	7	4	18	4	5	6	7'-2	4	6	4'-11	2'-1	2'-10	4	7'-2	5	6	7'-8	4	6	8'-4	2'-1	6'-3	4	7'-8	0.218	0.284	0.313	0.815	107.08
21-25	6	6	8	10	9	9	5	12	7'-5	4	6	24	4	12	5	4	18	4	4	12	7	4	18	4	6	6	7'-2	4	6	4'-11	2'-1	2'-10	4	7'-2	6	6	7'-8	4	6	8'-4	2'-1	6'-3	4	7'-8	0.218	0.284	0.313	0.815	126.58
26-30	6	6	8.5	11	9	9	5	12	7'-6	4	6	24	4	12	5	4	10	6	4	12	7	4	10	6	6	6	7'-2	6	12	5'-6	2'-3	3'-3	6	7'-2	6	6	7'-8	6	12	8'-7	2'-3	6'-4	6	7'-8	0.229	0.308	0.313	0.850	139.82
31-35	6	6	9.5	12	9	9	4	12	7'-8	4	6	24	4	12	5	4	9	6	4	12	7	4	10	6	6	6	7'-2	5	6	5'-2	2'-2	3'-0	5	7'-2	6	6	7'-8	5	6	8'-8	2'-3	6'-5	5	7'-8	0.252	0.333	0.313	0.898	146.74
36-40	6	6	10.5	12.5	9.5	9	4	12	7'-10	4	6	24	4	12	5	4	9	6	4	12	7	4	10	6	8	9	7'-3	6	9	5'-7	2'-3	3'-4	6	7'-3	8	9	7'-9	6	9	8'-10	2'-4	6'-6	6	7'-9	0.279	0.349	0.330	0.958	159.97
41-45	6	6	11	13.5	10	9	4	12	7'-11	4	6	24	4	12	5	4	9	6	4	12	7	4	10	6	8	9	7'-4	5	6	5'-4	2'-3	3'-1	5	7'-4	8	9	7'-10	5	6	9'-0	2'-5	6'-7	5	7'-10	0.295	0.379	0.347	1.021	160.53
46-50	6	6	11.5	14	11	9	4	9	8'-0	4	6	24	4	12	5	4	10	6	4	12	7	4	10	6	8	9	7'-6	6	9	5'-11	2'-5	3'-6	6	7'-6	8	9	8'-0	6	9	9'-1	2'-6	6'-7	6	8'-0	0.316	0.399	0.383	1.098	167.92
51-55	6	6	12	14.5	11.5	9	4	9	8'-1	4	6	24	4	12	5	4	9	6	4	12	7	4	10	6	8	9	7'-7	5	6	5'-7	2'-5	3'-2	5	7'-7	8	9	8'-1	5	6	9'-2	2'-6	6'-8	5	8'-1	0.332	0.417	0.400	1.149	167.84

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 6 BARREL SECTIONS	RCB 6-6-12
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ENGLISH: BDESIGN\ENGINEER\VERTIS.DGN - RCB_6-6-12 - THIS SHEET ISSUED 04-12.