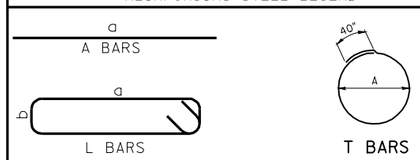
REINFORCING BAR SCHEDULE FOR ROUND CB TOP SLABS (inches)

D-CB	DIA	T500	T501	A500	A501	A502	A503	A504	A505	A506	A507	A508	A509	A510	A511	LS400		LS401		LS402		LS403		LS404		LS405		LS406		LS407		LS408		LS301		LS302		A301
		a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	
10RA	48	51 5/8		36 1/2	44 3/8	47 5/16	31 5/16	37								7 1/8	5 3/4	7 7/8	5 3/4	11 3/8	7	13 8/16	7	14 5/8	7	15	7											
12RA	48	51 5/8		318	37 11/16	42 3/16	31 5/16	37								5 13/16	5 3/4	7 3/16	5 3/4	7 7/8	5 3/4	7 3/8	7	9 4/8	7	10 5/8	7	11	7									
12RB	60		65 5/8	40 3/8	49 3/8	55 7/8	58 7/8	37 11/16	45 3/8	51 3/8	55 3/16					13 5/16	5 3/4	14 3/8	5 3/4	14 7/8	5 3/4	15 3/16	7	16 13/16	7	17 11/16	7	18	7									
12RB	72		79 5/8	51 1/8	63 11/16	72 1/8	74 5/8	48 5/8	60 3/8	68 11/16	71 5/8					20 5/8	5 3/4	21 1/2	5 3/4	21 7/8	5 3/4	22 11/16	7	24	7	24 3/4	7	25	7									
12RC	84		93 5/8	52 11/16	65 5/8	75 1/8	82 5/16	87 11/16	89 11/16	50 7/8	63	72 3/16	79 5/16	84 13/16	87 3/16	27 7/8	5 3/4	28 11/16	5 3/4	29	5 3/4	30 1/8	7	31 3/16	7	31 13/16	7											
12RC	96		107 5/8	61 1/8	77	88 3/8	96 11/16	102 13/16	104	59 5/16	74 5/8	85 11/16	94	100 5/16	102	35	5 3/4	35 13/16	5 3/4	36	5 3/4	37 3/8	7	38 2/8	7	38 13/16	7											
12RC	108		121 5/8	69 1/2	88 3/8	101 5/8	111	117 5/8	119	67 11/16	86	99	108 1/2	115 3/8	117	42 1/8	5 3/4	42 13/16	5 3/4	43	5 3/4	44 5/8	7	45 3/8	7	45 13/16	7											
12RC	120		135 5/8	77 7/8	99 11/16	114 11/16	125 3/16	132 3/16	134	76 3/16	97 6/16	112 3/16	122 7/8	130 5/16	132	49 3/16	5 3/4	49 13/16	5 3/4	50	5 3/4	51 11/16	7	52 3/8	7	52 7/8	7											
13RA	48	SAME AS 12RA																																				
13RB	60	SAME AS 12RB																																				
13RB	72	SAME AS 12RB																																				
13RC	84	SAME AS 12RC																																				
13RC	96	SAME AS 12RC																																				
13RC	108	SAME AS 12RC																																				
13RC	120	SAME AS 12RC																																				
14RB	96		107 5/8	109 1/2	47 5/8	57	64 11/16	56 3/8	70 3/8	81	89 3/16	95 11/16	100 11/16	102 13/16	104	14	7	23 2/16	5 12/16	27 11/16	5 12/16	31 3/16	5 12/16	34	5 3/4	36 1/8	5 3/4	37 5/8	5 3/4									
25RA	48	SAME AS 12RA																																				
25RB	60	SAME AS 12RB																																				
25RB	72	SAME AS 12RB																																				
25RB	84	SAME AS 12RC																																				
25RB	96	SAME AS 12RC																																				
28RA	48	SAME AS 12RA																																				
28RB	60	SAME AS 12RB																																				
28RB	72	SAME AS 12RB																																				
28RB	84	SAME AS 12RC																																				
28RB	96	SAME AS 12RC																																				
31R	84		93 5/8	95 3/8	47	57 5/16	54 5/16	67 7/8	77 5/8	84 13/16	87 3/16					14	7	16 1/8	5 3/4	20 5/16	5 3/4	23 3/8	5 3/4	25 11/16	5 3/4	27 1/2	5 3/4											
38RB	60		65 5/8	36 3/16	43 1/8	48 1/2	53	56 1/2								13 5/8	7	14 7/8	7	15 11/16	7	16	7	13 5/8	5 3/4	14 7/8	5 3/4	15 11/16	5 3/4	16	5 3/4							
38RB	72		79 5/8	45 5/8	56 1/8	63 7/8	69 7/8	72 5/8								21	7	22 1/8	7	22 13/16	7	23	7	21	5 3/4	22 2/16	5 3/4	22 13/16	5 3/4	23	5 3/4							
38RB	84		93 5/8	55	68 7/8	78 11/16	85 13/16	88 2/16								28 5/16	7	29 3/16	7	29 13/16	7	30	7	28 5/16	5 3/4	29 3/16	5 3/4	29 13/16	5 3/4	30	5 3/4							
38RB	96		107 5/8	64 5/16	81 3/8	93 1/8	101 3/16	103 2/16								35 1/2	7	36 5/16	7	36 13/16	7	37	7	35 1/2	5 3/4	36 5/16	5 3/4	36 13/16	5 3/4	37	5 3/4							
39RB	84		93 5/8	52 13/16	65 11/16	75 3/16	79 1/2									20 5/16	7	21 3/16	7	21 13/16	7	22	7	20 5/16	5 3/4	21 3/16	5 3/4	21 13/16	5 3/4	22	5 3/4			52	52	60	60	
39RB	96		107 5/8	63 13/16	80 11/16	92 5/16	95 7/8									27 1/2	8	28 5/16	8	28 13/16	8	29	8	27 1/2	6 3/4	28 5/16	6 3/4	28 13/16	6 3/4	29	6 3/4			52	52	60	60	
41RB	60	SAME AS 12RB																																				
41RB	72	SAME AS 12RB																																				
41RB	84	SAME AS 12RC																																				
41RB	96	SAME AS 12RC																																				
42RB	60	SAME AS 38RB																																				
42RB	72	SAME AS 38RB																																				
42RB	84	SAME AS 38RB																																				
42RB	96	SAME AS 38RB																																				
43R	96		107 5/8	109 1/2	48 7/8	59	67 3/16	56 11/16	70 13/16	81 3/8	89 11/16	96 1/8	101 1/4	103		14	7	36 11/16	7	37	7	22 7/8	5 3/4	27 11/16	5 3/4	31 3/16	5 3/4	33 13/16	5 3/4	35 3/5	5 3/4	14	5 3/4	96	48	90	46	36

REINFORCING STEEL LEGEND



DIMENSIONS SHOWN IN THIS LEGEND ARE OUTSIDE TO OUTSIDE OF BAR. STANDARD C.R.S.I. HOOK AND TIE DETAILS SHALL APPLY, EXCEPT AS NOTED.

GENERAL NOTES

(A) THE PURPOSE OF THIS DRAWING IS TO PROVIDE A BAR REINFORCEMENT SCHEDULE FOR ROUND CATCH BASIN LIDS

(B) DIMENSION DETERMINED BY GEOMETRY. TOLERANCE FOR BAR LOCATIONS AND LENGTH IS +/- 0.5"

(C) REINFORCING STEEL: ASTM A615, Fy = 60,000 PSI.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BILL OF STEEL FOR ROUND CATCH BASIN LIDS

9-21-12 | D-CB-99RA