

## ALUMINUM STRUCTURAL PLATE SINGLE RADIUS ARCHES

Span (ft-in)	Rise (ft-in)	Radius (in)	Approx. Area (sqft.)	Min. Cover (ft)	Max. Cover (ft)
6-0	1-10	40.50	7.8	1.25	37.0
	2-4	37.25	10.2	1.25	37.0
	2-9	36.25	12.6	1.25	37.0
	3-2	36.00	14.9	1.25	37.0
7-0	2-4	45.25	12.0	1.25	50.0
	2-10	43.00	14.8	1.25	50.0
	3-3	42.00	17.5	1.25	50.0
	3-8	42.00	20.3	1.25	50.0
8-0	2-11	50.50	17.0	1.25	64.0
	3-4	48.75	20.2	1.25	64.0
	4-2	48.00	26.4	1.25	64.0
9-0	2-11	59.00	19.1	1.50	45.0
	3-10	54.50	26.3	1.50	45.0
	4-8	54.00	33.4	1.50	45.0
10-0	3-6	64.00	25.3	1.25	22.0
	4-5	60.50	33.3	1.25	22.0
	5-2	60.00	41.2	1.25	22.0
11-0	3-6	72.75	27.8	1.50	20.0
	4-6	67.50	36.8	1.50	20.0
	5-8	66.00	49.8	1.50	20.0
12-0	4-1	77.50	35.3	1.50	18.0
	5-0	73.25	45.0	1.50	18.0
	6-3	72.00	59.3	1.50	18.0
13-0	4-1	86.50	38.1	1.50	23.0
	5-1	80.50	48.9	1.50	23.0
	5-11	78.25	59.3	1.50	23.0
	6-9	78.00	69.5	1.50	23.0
14-0	4-8	91.25	46.9	1.50	29.0
	5-7	86.00	58.4	1.50	29.0
	6-5	84.25	69.5	1.50	29.0
	7-3	84.00	80.6	1.50	29.0



605 North Shore Drive, Ste 103  
 Jeffersonville, IN 47130  
 Phone: 812.280.8360  
 Fax: 812.280.8370  
[www.civilcondsb.com](http://www.civilcondsb.com)

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15-0	4-8	100.50	50.0	1.50	34.0
	5-8	93.50	62.6	1.50	34.0
	6-7	91.00	74.7	1.50	34.0
	7-5	90.00	86.5	1.50	34.0
	7-9	90.00	92.5	1.50	34.0
16-0	5-3	105.00	60.0	2.00	14.0
	6-2	99.25	73.3	2.00	14.0
	7-1	96.75	86.2	2.00	14.0
	7-11	96.00	98.2	2.00	14.0
	8-3	96.00	105.2	2.00	14.0
17-0	5-3	114.25	63.5	2.00	17.0
	6-3	107.00	77.9	2.00	17.0
	7-2	103.50	91.7	2.00	17.0
	8-0	102.25	105.2	2.00	17.0
	8-10	102.00	118.7	2.00	17.0
18-0	5-9	118.75	74.8	1.25	22.0
	6-9	112.50	89.8	1.25	22.0
	7-8	109.25	104.5	1.25	22.0
	8-6	108.25	118.8	1.25	22.0
	8-11	108.00	125.9	1.25	22.0
19-0	6-4	123.50	86.9	1.5	15.0
	7-4	118.00	102.7	1.5	15.0
	8-2	115.25	118.0	1.5	15.0
	9-0	114.25	133.2	1.5	15.0
	9-5	114.00	140.7	1.5	15.0
20-0	6-4	132.50	91.2	1.5	15.0
	7-4	125.75	108.4	1.5	15.0
	8-3	122.25	124.4	1.5	15.0
	9-2	120.50	140.4	1.5	15.0
	10-0	120.00	156.3	1.5	15.0
	10-4	120.00	164.2	1.5	15.0



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Span (ft-in)	Rise (ft-in)	Radius (in)	Approx. Area (sqft.)	Min. Cover (ft)	Max. Cover (ft)
21-0	6-4	142.00	95.4	1.5	16.0
	7-5	133.75	113.5	1.5	16.0
	8-4	129.25	130.7	1.5	16.0
	9-3	127.50	147.6	1.5	16.0
	10-1	126.00	164.3	1.5	16.0
	10-11	126.00	181.0	1.5	16.0
22-0	6-11	142.25	109.2	1.5	21.0
	8-0	139.00	127.9	1.5	21.0
	8-11	135.00	146.0	1.5	21.0
	9-9	133.00	163.6	1.5	21.0
	10-7	132.00	181.1	1.5	21.0
	11-5	132.00	198.6	1.5	21.0
23-0	7-6	151.00	123.8	2.0	23.0
	8-0	147.25	133.6	2.0	23.0
	8-6	144.50	143.2	2.0	23.0
	8-11	142.25	152.7	2.0	23.0
	9-5	140.75	162.0	2.0	23.0
	9-10	139.50	171.3	2.0	23.0
	10-3	139.00	180.5	2.0	23.0
	10-8	138.25	189.6	2.0	23.0
	11-1	138.00	198.8	2.0	23.0
	11-6	138.00	207.9	2.0	23.0
	11-11	138.00	217.1	2.0	23.0