

Item	Description
1	3 Leg Chord 9'-1 11/16" [2 786]
2	9' - 1 11/16" [2 786]
3	38 3/32" [968]
4	21' [6 401]
5	4" [102]
6	15' [4 572]
7	3' [914]
8	See Concrete Charts on page 20.

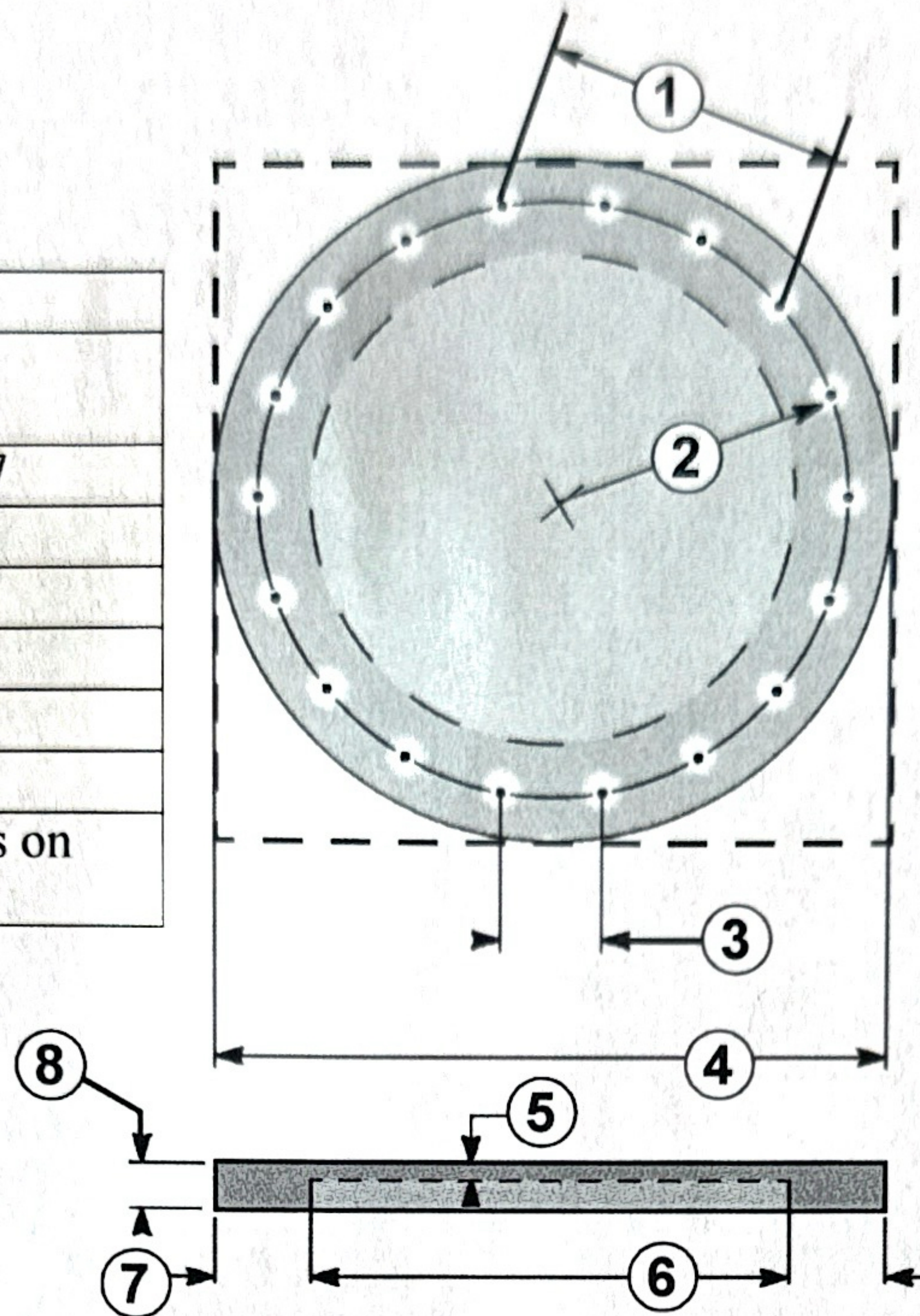


Figure 22.
18' [5 486] Diameter Bin

If a **Square Foundation** is desired for 18' and 21' dia. Bins, square-off the corners of the circular Foundations provided in **Figures 22, 23 and 24** as shown by the broken line. Also fill the entire Foundation at a **consistent depth** (Item 11).

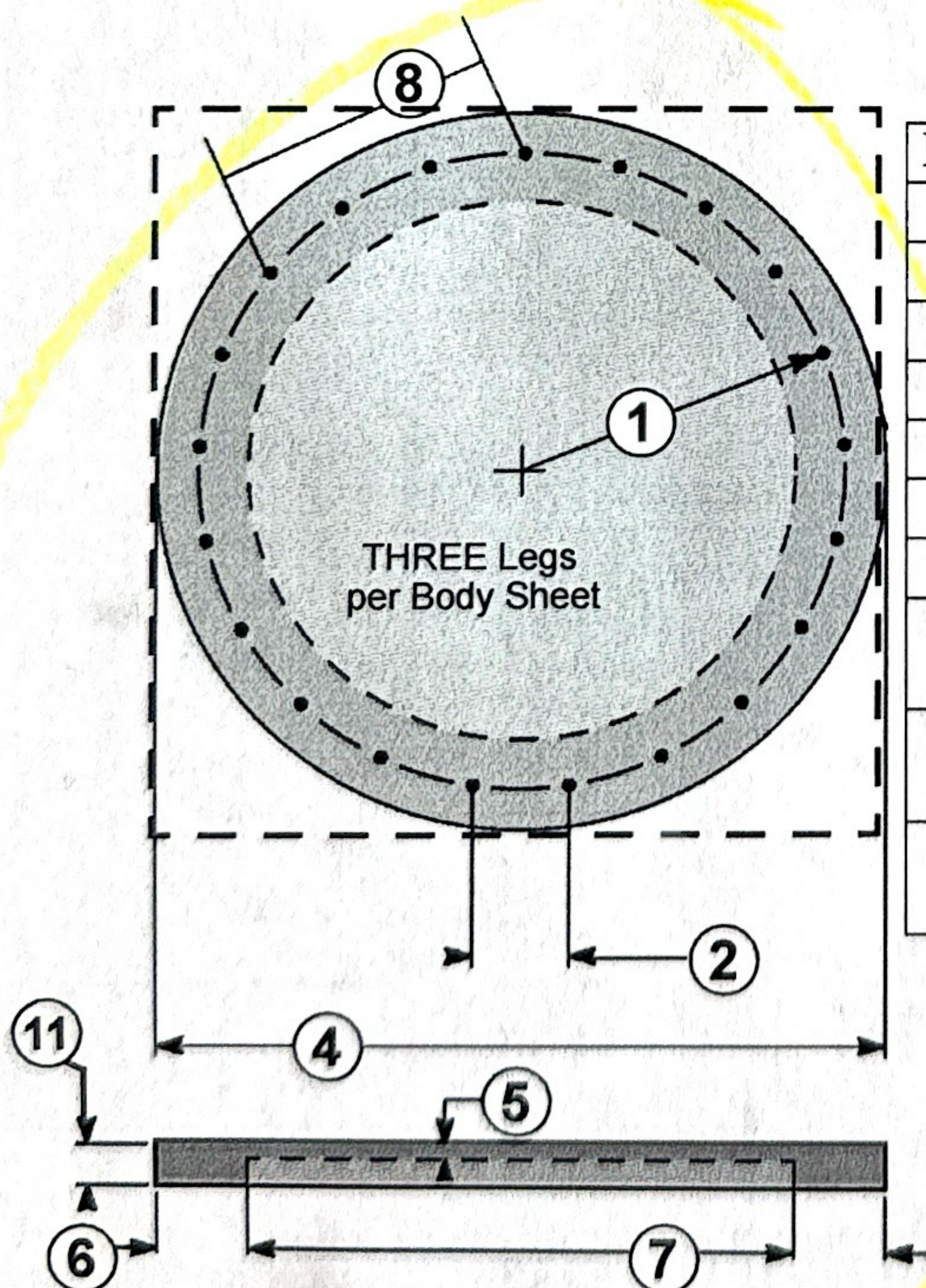


Figure 23.
21' [6 401] Diameter Bin
THREE Legs per Body Sheet (2-6 Rings)

Item	Description
1	10' - 7 5/8" [3 242]
2	38 1/32" [966]
3	28 9/16" [725]
4	24' [7 315]
5	4" [102]
6	3' [914]
7	18' [5 486]
8	3-Leg Chord: 9' - 2 3/4" [2 813]
9	4-Leg Chord: 9' - 2 3/4" [2 813]
11	See Concrete Charts on page 20.

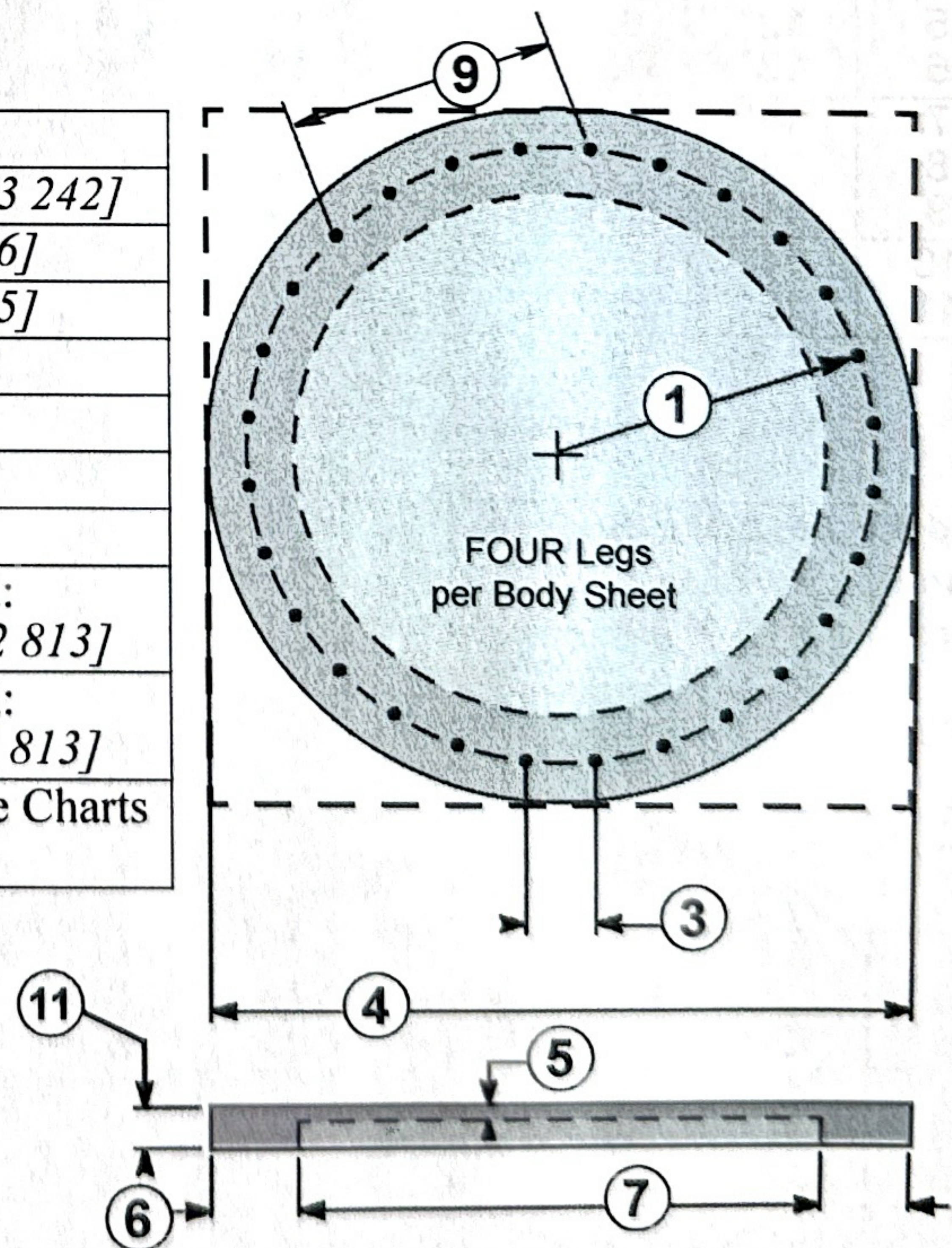


Figure 24.
21' [6 401] Diameter Bin
FOUR Legs per Body Sheet (7-8 Rings)

Concrete Charts

SQUARE FOOTER Concrete Specs

English						Metric [mm]					
Model Found. Size	12' Dia. Bin 14' x 14' (Figure 18)		Model Found. Size	15' Dia. Bin 17' x 17' (Figure 20)		Model Found. Size	12' Dia. Bin 4 267 x 4 267 mm (Figure 18)		Model Found. Size	15' Dia. Bin 5 182 x 5 182 mm (Figure 20)	
Rings	Thickness (inches)	Volume (cu. yds.)	Rings	Thickness (inches)	Volume (cu. yds.)	Rings	Thickness [mm]	Volume [cu. m]	Rings	Thickness (inches)	Volume (cu. yds.)
1	9"	5.4	1	11"	9.8	1	229	4.2	1	279	7.5
2	9"	5.4	2	11"	9.8	2	229	4.2	2	279	7.5
3	10"	6.0	3	12"	10.7	3	254	4.6	3	305	8.2
4	11"	6.7	4	12"	10.7	4	279	5.1	4	305	8.2
5	11"	6.7	5	13"	11.6	5	279	5.1	5	330	8.9
6	12"	7.3	6	14"	12.5	6	305	5.6	6	356	9.5
7	12"	7.3	7	14"	12.5	7	305	5.6	7	356	9.5
8	13"	7.9	8	15"	13.4	8	330	6.0	8	381	10.2
9	14"	8.5	9	15"	13.4	9	356	6.5	9	381	10.2
10	14"	8.5	10	16"	14.3	10	356	6.5	10	406	10.9
11	16"	9.7	11	16"	14.3	11	406	7.4	11	406	10.9

ROUND Footer Concrete Specs, English

Model Found. Size	12' Dia. Bin 15' Dia. (Figure 19)		Model Found. Size	15' Dia. Bin 18' Dia. (Figure 21)		Model Found. Size	18' Dia. Bin 21' Outside Dia. 15' Inside Dia. (Figure 22)			Model Found. Size	21' Dia. Bin 24' Outside Dia. 18' Inside Dia. (Fig. 23-24)		
Rings	Thickness (inches)	Volume (cu. yds.)	Rings	Thickness (inches)	Volume (cu. yds.)	Rings	Outside Thickness (inches)	Inside Thickness (inches)	Volume (cu. yds.)	Rings	Outside Thickness (inches)	Inside Thickness (inches)	Volume (cu. yds.)
1	9"	4.9	1			1				1			
2	10"	5.5	2	10"	7.9	2	10"	4"	7.4	2	11"	4"	9.9
3	11"	6.0	3	10"	7.9	3	11"	4"	7.9	3	11"	4"	9.9
4	12"	6.5	4	11"	8.6	4	11"	4"	7.9	4	12"	4"	10.5
5	12"	6.5	5	11"	8.6	5	12"	4"	8.5	5	13"	4"	11.1
6	13"	7.1	6	12"	9.4	6	12"	4"	8.5	6	13"	4"	11.1
7	14"	7.6	7	12"	9.4	7	13"	4"	9.0	7	14"	4"	11.7
8	14"	7.6	8	13"	10.2	8	14"	4"	9.5	8	15"	4"	12.3
9	14"	7.6	9	13"	10.2	9	14"	4"	9.5	9			
10	14"	7.6	10			10				10			
11	16"	8.7	11			11				11			

ROUND Footer Concrete Specs, Metric [mm]

Model Found. Size	3 658 Dia. Bin 4 572 Dia. (Figure 15)		Model Found. Size	4 572 Dia. Bin 5 486 Dia. (Figure 17)		Model Found. Size	5 486 Dia. Bin 6 401 Outside Dia. 4 572 Inside Dia. (Figure 18)			Model Found. Size	6 401 Dia. Bin 7 315 Outside Dia. 5 486 Inside Dia. (Fig. 19-20)		
Rings	Thickness [mm]	Volume [cu. m]	Rings	Thickness [mm]	Volume [cu. m]	Rings	Outside Thickness [mm]	Inside Thickness [mm]	Volume [cu. m]	Rings	Outside Thickness [mm]	Inside Thickness [mm]	Volume [cu. m]
1	229	3.8	1			1				1			
2	254	4.2	2	254	6.0	2	254	102	5.7	2	279	102	7.6
3	279	4.6	3	254	6.0	3	279	102	6.1	3	279	102	7.6
4	305	5.0	4	279	6.6	4	279	102	6.1	4	305	102	8.0
5	305	5.0	5	279	6.6	5	305	102	6.5	5	330	102	8.5
6	330	5.4	6	305	7.2	6	305	102	6.5	6	330	102	8.5
7	356	5.8	7	305	7.2	7	330	102	6.9	7	356	102	8.9
8	356	5.8	8	330	7.8	8	356	102	7.3	8	381	102	9.4
9	356	5.8	9	330	7.8	9	356	102	7.3	9			
10	356	5.8	10			10				10			
11	406	6.7	11			11				11			