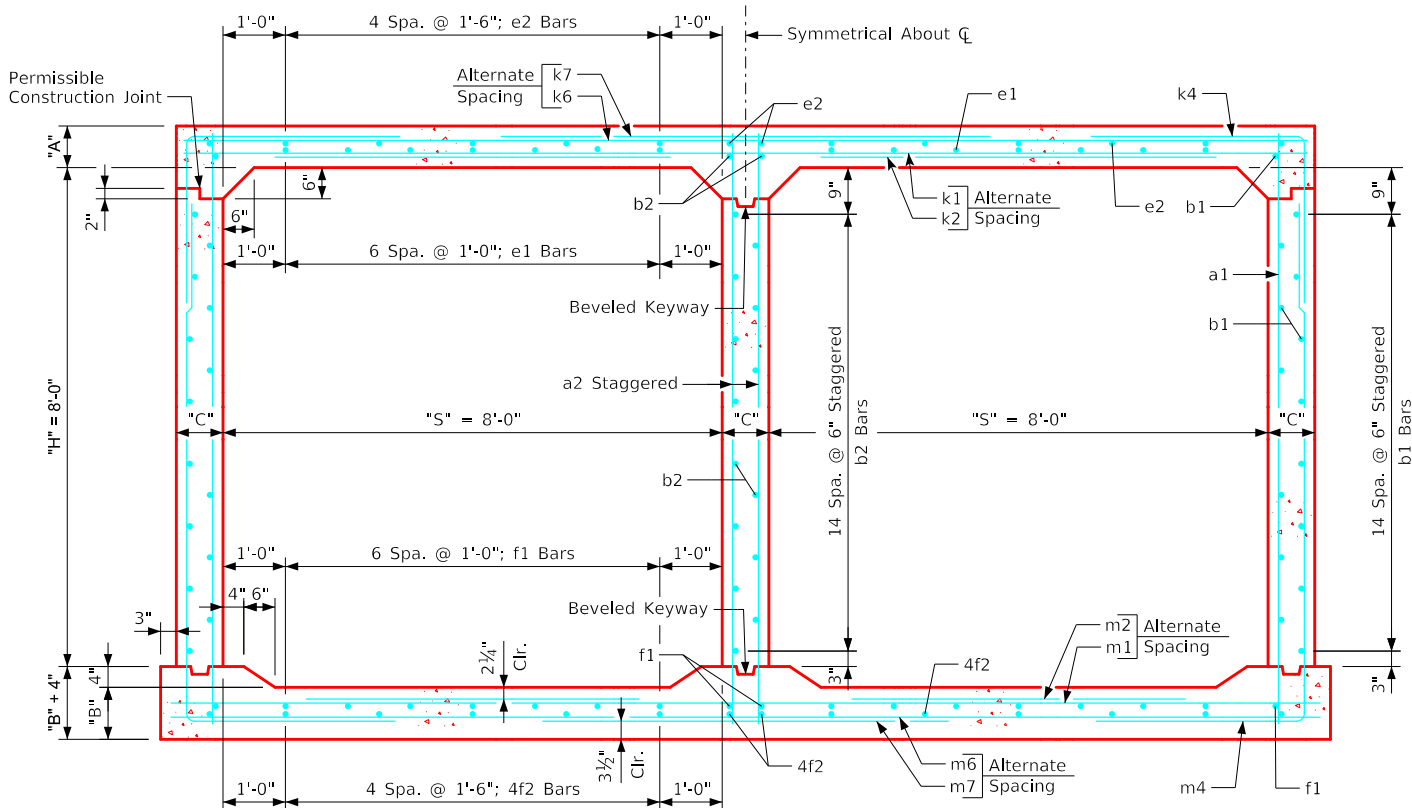


Variable Dimensions and Quantities for Twin 8' x 8' Barrel Sections																																																							
Dimensions													Bar List																																										
													a1			a2			b1			b2			e1			e2			f1			f2			k1			k2				k4				k6			k7			k9	
Fill	S	H	A	B	C	D	E	U	W	X	Z	Size	Sp.	L	Size	Sp.	L	Size	Sp.	NO.	Size	Sp.	NO.	Size	Sp.	NO.	Size	Sp.	NO.	Size	Sp.	L	Size	Sp.	L	Size	Sp.	L	H	V	Size	Sp.	L	Size	Sp.	L	Size	Sp.	L						
0	8	8	13	10.5	9	9	9	0'0	5'2	1'11	5'7	5	12	9'10	6	9	9'10	4	6	32	4	6	17	4	12	14	4	18	14	4	12	18	4	18	14	5	18	17'11	5	18	8'11	4	6	8'6	5'5	3'1	4	12	17'11	4	12	10'4	4	4.5	17'11
1	8	8	11.5	10.5	9	9	9	0'0	5'5	1'11	5'5	4	9	9'9	6	9	9'9	4	6	32	4	6	17	4	12	14	4	18	14	4	12	18	4	18	14	4	12	17'11	4	12	8'11	4	6	8'2	5'2	3'0	4	18	17'11	5	18	10'10	5	4.5	17'11
2	8	8	8	10	9	9	9	1'0	5'7	1'7	4'2	5	12	9'5	6	9	9'5	4	6	32	4	6	17	4	12	14	4	18	14	4	12	18	4	18	14	4	9	17'11	4	9	7'7	4	6	7'9	5'0	2'9	5	18	17'11	6	18	11'2	6	4.5	17'11
3	8	8	8	10	9	9	9	1'6	4'0	2'5	3'6	4	12	9'5	6	9	9'5	4	6	32	4	6	17	4	12	14	4	18	14	4	12	18	4	18	14	6	18	17'11	5	18	6'6	4	6	6'6	3'9	2'9	4	12	17'11	4	12	8'0	4	4.5	17'11
4	8	8	8	10	9	9	9	1'6	3'5	2'6	3'3	4	12	9'5	6	9	9'5	4	6	32	4	6	17	4	12	14	4	18	14	4	12	18	4	18	14	4	12	17'11	4	12	6'9	4	6	6'2	3'5	2'9	4	12	17'11	4	12	6'10	4	4.5	17'11
5-7	8	8	8	10	9	9	9	1'7	3'3	2'6	3'0	4	12	9'5	6	9	9'5	4	6	32	4	6	17	4	12	14	4	18	14	4	12	18	4	18	14	4	12	17'11	4	12	6'7	4	6	6'0	3'3	2'9	4	12	17'11	5	12	6'6	5	4.5	17'11
8-10	8	8	8	10	9	9	9	2'1	2'11	2'4	3'0	4	9	9'5	6	9	9'5	4	6	32	4	6	17	4	12	14	4	18	14	4	12	18	4	18	14	6	18	17'11	5	18	5'7	4	6	5'10	2'11	2'11	5	12	17'11	5	12	5'10	5	4.5	17'11
11-13	8	8	8.5	11	9	9	9	2'0	2'10	2'1	2'11	5	12	9'6	6	9	9'6	4	6	32	4	6	17	4	12	14	4	18	14	4	12	18	4	18	14	5	12	17'11	4	12	5'9	4	6	5'8	2'10	2'10	4	9	17'11	5	9	5'8	5	4.5	17'11
14-16	8	8	9.5	12	9	6	9	1'9	3'0	1'7	3'3	4	6	9'8	6	9	9'8	4	6	32	4	6	17	4	12	14	4	18	14	4	12	18	4	18	14	5	12	17'11	4	12	6'4	4	6	5'8	2'10	2'10	5	12	17'11	6	12	6'0	6	4.5	17'11
17-19	8	8	10.5	12.5																																																			

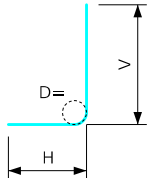
	Bar List																		Quantities						
	m1			m2			m4					m6			m7			m9			Concrete (CY/FT)			Steel	
Fill	Size	Sp.	L	Size	Sp.	L	Size	Sp.	L	H	V	Size	Sp.	L	Size	Sp.	L	Size	Sp.	L	Slab	Floor	Walls	Total	(LB/FT)
0	5	12	18'-5	4	12	6'-2	4	6	13'-4	5'-0	8'-4	5	18	18'-5	6	18	11'-2	6	4.5	18'-5	0.789	0.667	0.632	2.088	272.29
1	5	12	18'-5	4	12	5'-10	4	6	13'-6	5'-2	8'-4	5	18	18'-5	5	18	10'-10	5	4.5	18'-5	0.705	0.667	0.632	2.004	259.05
2	4	9	18'-5	4	9	6'-8	4	6	12'-11	4'-8	8'-3	5	18	18'-5	6	18	8'-4	6	4.5	18'-5	0.507	0.638	0.632	1.777	274.32
3	5	12	18'-5	4	12	5'-3	4	6	11'-9	3'-6	8'-3	4	18	18'-5	6	18	7'-0	6	4.5	18'-5	0.507	0.638	0.632	1.777	245.58
4	5	12	18'-5	4	12	4'-9	4	6	11'-7	3'-4	8'-3	4	18	18'-5	6	18	6'-6	6	4.5	18'-5	0.507	0.638	0.632	1.777	234.74
5-7	5	12	18'-5	4	12	4'-9	4	6	11'-5	3'-2	8'-3	4	12	18'-5	5	12	6'-0	5	4.5	18'-5	0.507	0.638	0.632	1.777	239.16
8-10	5	12	18'-5	4	12	5'-2	4	6	11'-2	2'-11	8'-3	4	12	18'-5	6	12	6'-0	6	4.5	18'-5	0.507	0.638	0.632	1.777	258.55
11-13	5	12	18'-5	4	12	6'-0	4	6	11'-3	2'-11	8'-4	4	9	18'-5	5	9	5'-10	5	4.5	18'-5	0.536	0.696	0.632	1.864	263.68
14-16	4	9	18'-5	4	9	6'-10	4	6	11'-4	2'-11	8'-5	5	18	18'-5	8	18	6'-6	8	4.5	18'-5	0.592	0.753	0.632	1.977	278.71
17-19	4	9	18'-5	4	9	7'-3	4	6	11'-3	2'-9	8'-6	5	12	18'-5	6	12	6'-0	6	4.5	18'-5	0.648	0.782	0.632	2.062	281.63
20-22	5	12	18'-5	4	12	7'-5	4	6	11'-7	2'-11	8'-8	5	18	18'-5	8	18	6'-6	8	4.5	18'-5	0.733	0.898	0.632	2.263	285.68
23-25	4	9	18'-6	4	9	8'-0	6	12	11'-9	3'-0	8'-9	5	18	18'-6	8	18	6'-6	8	4.5	18'-6	0.824	0.964	0.667	2.455	300.18



Twin 8' x 8' Barrel Section

Bent Bar Detail

Bars	D
4	3"
6	4½"



k4 & m4

Note:
All dimensions are out to out.
D = pin diameter.

Notes:

1. Dimensions listed on this sheet to be used in conjunction with Sheet TWRCB G3-20.
2. Fill, dimensions "S" and "H" are in feet.
3. Dimensions "A", "B", "C", "D", and "Sp." listed in the bar list are in inches.
4. Dimensions "L", "H", "V" are in feet and inches.