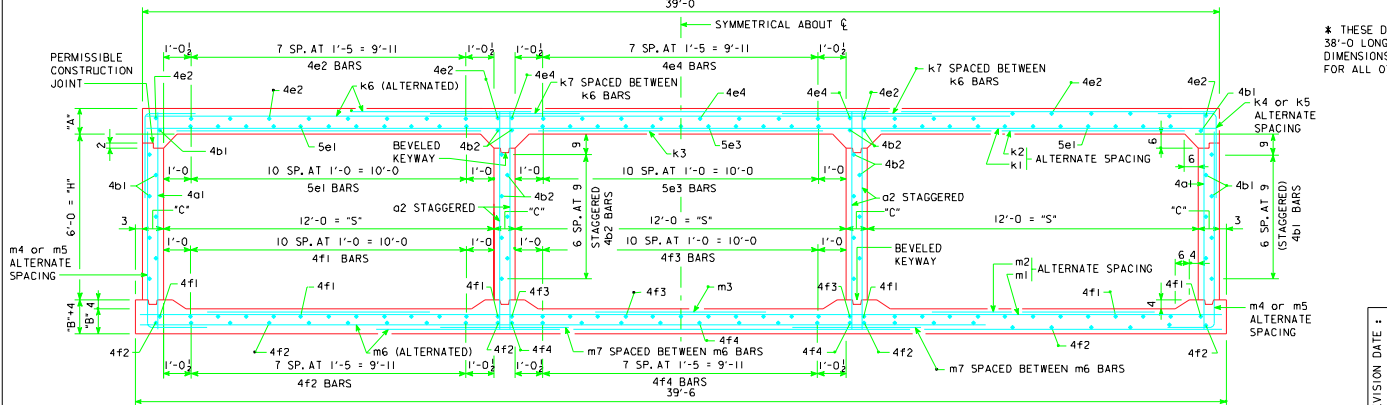
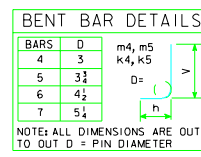


VARIABLE DIMENSIONS AND QUANTITIES FOR TRIPLE 12 x 6 BARREL SECTIONS

FILL	REINFORCING BAR LIST												REINFORCING BAR LIST												REINFORCING BAR LIST																															
	4a1			a2			4b1			4b2			5e1			4e2			5e3			4e4			4f1			4f2			4f3			4f4			k1			k2			k3			k4			k5							
SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH
0	4	9	7'-8"	5	4.5	7'-8"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	4	9	38'-8"	5	9	10'-10"	4	9	4'-10"	2'-2"	2'-8"	5	9	4'-7"	1'-11"	2'-8"				
1	4	9	7'-10"	5	4.5	7'-10"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	4	9	38'-8"	5	9	10'-7"	5	9	9'-8"	4	9	4'-8"	2'-0"	2'-8"	5	9	4'-6"	1'-10"	2'-8"	
2	4	6	7'-6"	6	6	7'-6"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	5	9	38'-8"	5	9	8'-8"	5	9	7'-8"	5	12	4'-10"	2'-3"	2'-7"	6	12	4'-6"	1'-11"	2'-8"	
3-6	4	9	7'-5"	4	4.5	7'-5"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	4	9	38'-8"	5	9	8'-1"	4	9	6'-4"	4	9	4'-9"	2'-1"	2'-8"	5	9	4'-8"	2'-0"	2'-8"	
7-8	4	9	7'-5"	4	4.5	7'-5"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	5	12	6'-8"	5	12	6'-8"	5	12	4'-10"	2'-3"	2'-7"	6	12	4'-6"	1'-11"	2'-7"				
9-10	4	9	7'-7"	4	4.5	7'-7"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	5	12	38'-8"	6	12	8'-6"	4	12	5'-5"	5	12	4'-7"	2'-0"	2'-7"	6	12	4'-6"	1'-11"	2'-7"	
11-12	4	9	7'-9"	4	4.5	7'-9"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	5	9	38'-8"	5	9	7'-8"	4	9	4'-4"	5	12	4'-10"	2'-3"	2'-7"	6	12	4'-5"	1'-10"	2'-7"	
13-15	4	9	8'-0"	4	4.5	8'-0"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	6	12	38'-8"	6	12	8'-1"	4	12	4'-4"	5	12	4'-10"	2'-3"	2'-7"	6	12	4'-5"	1'-10"	2'-7"	
16-17	4	9	8'-2"	4	4.5	8'-2"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	7	15	38'-8"	7	15	8'-6"	4	15	4'-0"	5	12	4'-11"	2'-4"	2'-7"	6	12	4'-4"	1'-9"	2'-7"	
18-19	4	9	8'-5"	4	4.5	8'-5"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	7	15	38'-8"	7	15	8'-8"	4	15	4'-0"	5	12	5'-7"	2'-0"	2'-7"	6	12	4'-4"	1'-9"	2'-7"	
20-21	4	9	8'-7"	4	4.5	8'-7"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	7	15	38'-8"	7	15	8'-8"	4	15	4'-0"	5	12	5'-9"	3'-2"	2'-7"	6	12	4'-10"	2'-3"	2'-7"	
22-23	4	9	8'-9"	5	6	8'-9"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	7	15	38'-8"	7	15	8'-10"	4	15	4'-0"	5	12	5'-10"	3'-2"	2'-7"	6	12	4'-10"	2'-3"	2'-7"	
24-25	4	9	8'-11"	5	4.5	8'-11"	4	9	16	4	9	18	5	12	22	4	17	20	5	12	11	4	17	10	4	12	26	4	17	20	4	12	13	4	17	10	7	15	38'-8"	7	15	9'-0"	4	15	4'-0"	5	12	5'-11"	3'-4"	2'-7"	6	12	4'-10"	2'-3"	2'-7"	

FILL	REINFORCING BAR LIST												REINFORCING BAR LIST												REINFORCING BAR LIST																						
	k6			k7			k9			m1			m2			m3			m4			m5			m6			m7			m9																
SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH	SIZE	SP	LENGTH
0	4	12	33'-10"	5	12	6'-4"	4	4.5	38'-8"	4	12	39'-2"	5	12	7'-11"	4	12	7'-0"	4	9	8'-10"	1'-8"	7'-2"	5	9	9'-0"	1'-10"	7'-2"	4	9	39'-2"	5	9	4'-7"	4	4.5	39'-2"										
1	5	12	31'-11"	5	12	5'-5"	5	4.5	38'-8"	4	12	39'-2"	5	12	8'-11"	4	12	6'-11"	4	9	9'-4"	2'-0"	7'-4"	5	9	9'-2"	1'-10"	7'-4"	4	9	30'-2"	5	9	4'-8"	4	4.5	39'-2"										
2	6	12	31'-6"	6	12	5'-6"	6	4.5	38'-8"	5	9	39'-2"	5	9	7'-1"	—	—	—	5	12	9'-3"	2'-3"	7'-0"	6	12	8'-9"	1'-9"	7'-0"	5	9	30'-3"	6	9	4'-9"	5	4.5	39'-2"										
3-6	5	9	29'-9"	6	9	5'-3"	5	4.5	38'-8"	5	12	39'-2"	6	12	8'-1"	4	12	5'-8"	4	9	8'-11"	2'-0"	6'-11"	5	9	8'-9"	1'-10"	6'-11"	5	9	29'-10"	6	9	4'-10"	5	4.5	39'-2"										
7-8	6	12	29'-9"	7	12	5'-6"	6	4.5	38'-8"	5	9	39'-2"	5	9	7'-2"	4	9	5'-2"	5	12	9'-0"	2'-1"	6'-11"	6	12	8'-8"	1'-9"	6'-11"	6	9	29'-9"	6	9	4'-5"	6	4.5	39'-2"										
9-10	5	9	29'-6"	6	9	5'-3"	5	4.5	38'-8"	5	9	39'-2"	5	9	7'-5"	4	9	5'-1"	5	12	9'-4"	2'-3"	7'-1"	6	12	8'-10"	1'-9"	7'-1"	6	9	29'-9"	6	9	4'-5"	6	4.5	39'-2"										
11-12	6	9	29'-6"	6	9	4'-7"	6	4.5	38'-8"	6	12	39'-2"	6	12	7'-11"	4	12	4'-9"	5	12	9'-6"	2'-3"	7'-3"	6	12	9'-0"	1'-9"	7'-3"	6	9	29'-8"	6	9	4'-6"	6	4.5	39'-2"										
13-15	6	9	29'-5"	6	9	4'-9"	6	4.5	38'-8"	7	15	39'-2"	7	15	8'-5"	4	15	4'-0"	5	12	9'-10"	2'-4"	7'-6"	6	12	9'-8"	1'-9"	7'-6"	6	9	29'-8"	6	9	4'-9"	6	4.5	39'-2"										
16-17	6	9	29'-5"	6	9	4'-8"	6	4.5	38'-8"	7	15	39'-2"	7	15	8'-7"	4	15	4'-0"	5	12	10'-7"	2'-11"	7'-8"	6	12	9'-5"	1'-9"	7'-8"	7	15	29'-11"	8	15	5'-8"	7	7.5	39'-2"										
18-19	7	15	29'-8"	8	15	5'-9"	7	7.5	38'-8"	7	15	39'-2"	7	15	8'-7"	4	15	4'-0"	5	12	10'-11"	3'-0"	7'-11"	6	12	9'-8"	1'-9"	7'-11"	7	15	29'-11"	8	15	5'-9"	7	7.5	39'-2"										
20-21	6	9	29'-5"	6	9	5'-0"	6	4.5	38'-8"	5	9	39'-2"	6	9	9'-1"	4	9	4'-8"	5	12	11'-2"	3'-1"	8'-1"	6	12	9'-10"	1'-9"	8'-1"	7	15	29'-11"	8	15	5'-9"	7	7.5	39'-2"										
22-23	6	9	29'-6"	6	9	5'-1"	6	4.5	38'-8"	5	9	39'-2"	6	9	9'-4"	4	9	4'-10"	5	12	11'-5"	3'-2"	8'-3"	6	12	10'-0"	1'-9"	8'-3"	7	15	29'-10"	8	15	5'-10"	7	7.5	39'-2"										
24-25	6	9	29'-7"	6	9	5'-4"	6	4.5	38'-8"	5	9	39'-2"	6	9	9'-8"	4	9	5'-0"	5	12	11'-9"	3'-4"	8'-5"	6	12	10'-2"	1'-9"	8'-5"	7	15	29'-11"	8	15	5'-11"	7	7.5	39'-2"										

FILL	DIMENSIONS											
	S	H	A	B	C	#D	#E	#F	#G	#J		
0	12	6	11	10.5	9	9	4.5	4.5	12	12		
1	12	6	11.5	11.5	9	9	4.5	4.5	12	12		
2	12	6	9.5	10	9	9	4.5	4.5	9	12		
3-6	12	6	8	10	9	9	4.5	4.5	12	12		
7-8	12	6	8	10	9	9	4.5	4.5	9	12		
9-10	12	6	9.5	11	9	9	4.5	4.5	9	12		
11-12	12	6	10	12	9	9	4.5	4.5	9	12		
13-15	12	6	11.5	13.5	9	9	4.5	4.5	9	12		
16-17	12	6	12.5	15	9	9	7.5	9	12	18		
18-19	12	6	14	16	9	9	7.5	9	18	18		
20-21	12	6	15	17	9	9	7.5	9	12	18		
22-23	12	6	16	18	9	9	7.5	9	12	18		
24-25	12	6	17	19.5	9	9	7.5	9	12	18		



FILL	QUANTITIES			
	CONCRETE	CU YD/FT	STEEL	LBS/FT
0	1,407	1,359	0.620	3,386
1	1,467	1,481	0.620	3,568
2	1,226	1,298	0.620	3,144
3-6	1,046	1,298	0.620	2,964
7-8	1,046	1,298	0.620	2,964
9-10	1,226	1,420	0.620	3,266
11-12	1,226	1,542	0.620	3,448
13-15	1,467	1,726	0.620	3,812
16-17	1,587	1,907	0.620	4,114
18-19	1,768	2,029	0.620	4,417
20-21	1,888	2,151		