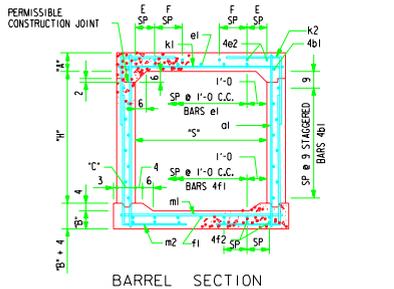
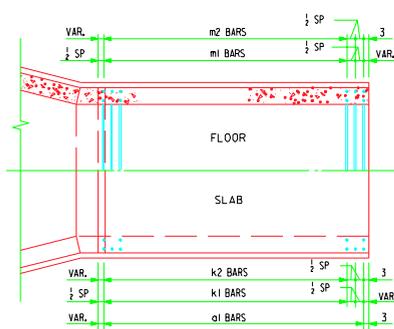


VARIABLE DIMENSIONS AND QUANTITIES FOR BARREL SECTIONS

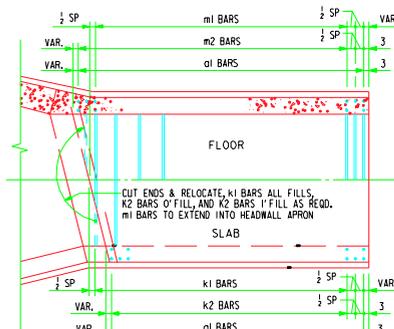


BARREL SECTION



PLAN - 0° SKEW

(KEYWAY NOT SHOWN)



PLAN - SKEW TYPICAL

(KEYWAY NOT SHOWN)

NOTE: ALL LONGITUDINAL BARREL STEEL SHALL EXTEND AT LEAST TO THE BACKFACE OF PARAPET.

FILL	DIMENSIONS												BAR LIST												QUANTITIES																					
	S	H	A	B	C	D	SIZE	SP	L	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	NO.	SIZE	SP	L	h	v	SLAB FLOOR	WALLS	TOTAL	STEEL													
0	8	4	10.5	10	9	9	6	12	5-7	4	9	12	4	12	7	4	16	7	4	12	9	4	15	6	6	9	9-2	5	9	9-8	6	12	8-11	5-7	3-4	4-5	.340	.346	.201	.887	131.63					
1	8	4	11	10	9	9	6	12	5-8	4	9	12	4	12	7	4	16	-	4	12	9	4	14	6	6	9	9-2	5	9	9-8	6	12	5-8	2-4	3-4	6	12	7-8	3-3	4-5	.355	.346	.201	.902	119.11	
2	8	4	8	10	9	9	4	12	5-5	4	9	12	5	12	7	4	16	-	4	12	9	4	11	6	6	9	9-2	6	9	9-8	6	9	5-9	2-8	3-1	6	9	7-2	2-9	4-5	.267	.346	.201	.814	135.95	
3	8	4	8	10	9	6	4	12	5-5	4	9	12	4	12	7	4	16	-	4	12	9	4	16	4	5	9	9-2	5	9	9-8	4	6	5-3	2-4	2-11	4	6	6-3	2-4	3-11	.267	.346	.201	.814	96.84	
4 - 10	8	4	8	10	9	9	6	12	5-5	4	9	12	4	12	7	4	16	-	4	12	9	4	16	4	5	9	9-2	6	9	9-8	6	12	5-5	2-4	3-1	6	12	6-2	2-4	4-5	.267	.346	.201	.814	113.58	
11 - 15	8	4	8	10	9	9	5	12	5-5	4	9	12	4	12	7	4	16	-	4	12	9	4	16	4	8	12	9-2	8	12	9-8	6	9	5-4	2-4	3-1	6	9	6-9	2-4	4-5	.267	.346	.201	.814	140.66	
16 - 20	8	4	9	11	9	9	6	9	5-7	4	9	12	4	12	7	4	16	-	4	12	9	4	16	4	8	12	9-2	6	6	9-8	6	9	5-4	2-2	3-2	6	9	6-8	2-2	4-6	.296	.377	.201	.814	152.42	
21 - 25	8	4	10.5	12.5	9	9	6	9	5-10	4	9	12	4	12	7	4	13	-	4	12	9	4	13	4	6	6	9-2	9	12	9-8	6	9	5-3	1-11	3-4	6	9	6-7	1-11	4-8	.340	.423	.201	.964	160.32	
0	8	5	10.5	10	9	6	4	6	6-7	4	9	14	4	12	7	4	16	7	4	12	9	4	14	6	6	9	9-2	5	9	9-8	4	6	8-5	5-3	3-2	4	6	8-1	3-2	4-11	.340	.346	.257	.943	123.97	
1	8	5	11	10	9	6	4	6	6-8	4	9	14	4	12	7	4	16	-	4	12	9	4	14	6	6	9	9-2	5	9	9-8	6	12	5-1	2-3	3-4	6	12	8-7	3-2	5-5	.355	.346	.257	.958	126.21	
2	8	5	8	10	9	9	4	12	6-5	4	9	14	5	12	7	4	16	-	4	12	9	4	16	4	8	12	9-2	6	9	9-8	6	9	5-9	2-8	3-1	6	9	8-1	8	5-5	.267	.346	.257	.870	141.16	
3	8	5	8	10	9	6	4	6	6-5	4	9	14	4	12	7	4	16	-	4	12	9	4	16	4	5	9	9-2	5	9	9-8	4	6	5-3	2-4	2-11	4	6	7-3	2-4	4-11	.267	.346	.257	.870	103.55	
4 - 8	8	5	8	10	9	9	6	12	6-5	4	9	14	4	12	7	4	16	-	4	12	9	4	16	4	5	9	9-2	6	9	9-8	6	12	5-5	2-4	3-1	6	12	7-9	2-4	4-5	.267	.346	.257	.870	121.24	
9 - 10	8	5	8	10	9	9	6	12	6-5	4	9	14	4	12	7	4	16	-	4	12	9	4	16	4	6	12	9-2	6	9	9-8	6	12	5-4	2-3	3-1	6	12	7-9	2-4	4-5	.267	.346	.257	.870	122.50	
11 - 15	8	5	8	10	9	9	5	12	6-5	4	9	14	4	12	7	4	16	-	4	12	9	4	16	4	8	12	9-2	8	12	9-8	6	9	5-4	2-3	3-1	6	9	7-8	2-3	5-5	.267	.346	.257	.870	147.61	
16 - 20	8	5	9	11	9	9	6	9	6-7	4	9	14	4	12	7	4	15	-	4	12	9	4	16	4	7	9	9-2	9	12	9-8	6	9	5-3	2-1	3-2	6	9	7-8	2-2	6-6	.296	.377	.257	.930	167.45	
21 - 25	8	5	10.5	13.5	9	9	6	9	6-11	4	9	14	4	12	7	4	13	-	4	12	9	4	12	4	6	9	12	9-2	9	12	9-8	6	9	5-3	1-11	3-4	6	9	7-7	1-10	5-9	.340	.454	.257	1.051	175.92
0	8	6	10.5	10	9	6	4	6	7-7	4	9	16	4	12	7	4	16	7	4	12	9	4	14	6	6	9	9-2	5	9	9-8	4	6	8-5	5-3	3-2	4	6	9-1	3-2	5-11	.340	.346	.312	.998	130.68	
1	8	6	11	10	9	6	4	6	7-8	4	9	16	5	12	7	4	16	-	4	12	9	4	14	6	6	9	9-2	5	9	9-8	6	12	5-7	2-3	3-4	6	12	9-7	3-2	6-5	.355	.346	.312	1.013	136.47	
2	8	6	8	10	9	9	4	12	7-5	4	9	16	5	12	7	4	16	-	4	12	9	4	16	4	8	12	9-2	6	9	9-8	6	9	5-9	2-8	3-1	6	9	9-1	2-8	6-5	.267	.346	.312	.925	148.05	
3	8	6	9	10	9	6	4	6	7-5	4	9	16	4	12	7	4	16	-	4	12	9	4	16	4	6	12	9-2	5	9	9-8	4	6	5-3	2-4	2-11	4	6	8-3	2-4	5-11	.267	.346	.312	.925	111.79	
4 - 8	8	6	8	10	9	9	6	12	7-5	4	9	16	4	12	7	4	16	-	4	12	9	4	16	4	6	12	9-2	6	9	9-8	6	12	5-5	2-4	3-1	6	12	8-9	2-4	4-5	.267	.346	.312	.925	130.42	
9 - 10	8	6	8	10	9	9	6	12	7-5	4	9	16	4	12	7	4	16	-	4	12	9	4	16	4	6	12	9-2	6	9	9-8	6	12	5-4	2-3	3-1	6	12	8-9	2-4	4-5	.267	.346	.312	.925	130.16	
11 - 15	8	6	8	10.5	9	9	5	12	7-5	4	9	16	4	12	7	4	16	-	4	12	9	4	16	4	8	12	9-2	8	12	9-8	6	9	5-4	2-3	3-1	6	9	8-8	2-2	6-6	.267	.361	.312	.940	155.26	
16 - 20	8	6	9	11	9	9	6	9	7-7	4	9	16	4	12	7	4	15	-	4	12	9	4	16	4	6	6	9-2	9	12	9-8	6	9	5-3	2-1	3-2	6	9	8-8	2-2	6-6	.296	.377	.312	.985	178.76	
21 - 25	8	6	10.5	12.5	9	9	4	9	7-10	4	9	16	4	12	7	4	11	-	4	12	9	4	11	6	9	12	9-2	8	9	9-8	8	12	7-8	2-9	4-11	8	12	9-4	2-9	6-7	.340	.423	.312	1.075	210.76	
0	8	8	11	10	9	9	6	12	9-8	4	9	22	4	12	7	4	12	18	7	4	12	9	4	15	6	6	9	9-2	5	9	9-8	6	12	8-11	5-7	3-4	6	12	11-10	3-5	8-5	.355	.346	.423	1.124	164.08
1	8	8	11.5	10	9	9	6	12	9-8	4	9	22	4	12	7	4	12	18	6	4	12	9	4	14	6	6	9	9-2	6	12	9-8	6	12	6-8	2-11	3-5	6	12	11-8	3-3	8-5	.370	.346	.423	1.139	156.13
2	8	8	8	10	9	9	4	12	9-5	4	9	22	5	12	7	4	11	-	6	4	12	9	4	11	6	6	9	9-2	6	9	9-8	6	9	5-10	2-9	3-1	6	9	11-2	2-9	8-5	.267	.346	.423	1.036	166.53
3	8	8	8	10	9	9	4	12	9-5	4	9	22	4	12	7	4	16	-	4	12	9	4	16	4	6	9	9-2	6	9	9-8	6	9	5-9	2-8	3-1	6	9	11-1	2-8	8-5	.267	.346	.423	1.036	153.39	
4 - 9	8	8	8	10	9	9	4	12	9-5	4	9	22	4	12	7	4	16	-	4	12	9	4	16	4	6	9	9-2	6	9	9-8	6	9	5-16	2-5	3-1	6	9	10-10	2-5	8-5	.267	.346	.423	1.036	151.32	
9 - 10	8	8	8	10	9	9	4	12	9-5	4	9	22	4	12	7	4	16	-	4	12	9	4	16	4	6	9	9-2	6	9	9-8	6	9	5-5	2-4	3-1	6	9	10-9	2-4	8-5	.267	.346	.423	1.036	150.61	
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16 - 20	8	8	9	11.5	9	9	6	9	9-7	4	9	22	4	12	7	4	16	-	4	12	9	4	16	4	6	6	9-2	9	12	9-8	6	9	5-5	2-3	3-2	6	9	10-9	2-2	8-7	.296	.392	.423	1.111	200.21	
21 - 25	8	8	10.5	12.5	9	9	4	9	9-10	4	9	22	4	12	7	4	16	-	4	12	9	4	16	4	9	12	9-2	9	9	9-8	7	9	5-2	2-3	4-11	7	9	10-0	2-3	7-9	.340	.423	.423	1.186	215.63	
0	8	10	10.5	10	9</																																									