

TABLE OF DIMENSIONS & REINFORCING STEEL MODIFICATIONS
ENTER WITH NORMAL CULVERT SPAN & WIDTH

S P A	DIMENSIONS		MC--1										MC--2				MC--3	
	WIDTH	a	NO LENGTH	NO. BARS		LENGTH OF VARIABLE BARS (FIRST & LAST)		SPACES			LENGTH		NO. LAST B	NO. LAST B ₂	LENGTH			
				H	A/B/B ₁	A	B/B ₁	B ₂	X	Y	Z	Y			B	NO. LAST B	NO. LAST B ₂	
5	2	11'-6"	16.26	11.50	52.61	32	15'-11"	53	104	10'-4"	10'-10"	104	10	1'-10"	104			
5	3	17'-0"	24.04	17.00	47.11	48	23'-8"	48	94	1'-10"	16'-4"	94	15	2'-4"	94			
5	4	22'-6"	31.82	22.50	41.61	64	31'-6"	42	82	2'-4"	21'-10"	82	20	21	21	1'-10"	82	
5	5	28'-0"	39.60	28.00	36.11	80	39'-3"	37	72	2'-6"	17'-4"	72	26	26	26	2'-4"	72	
5	6	33'-6"	47.38	33.50	30.61	96	47'-0"	31	60	3'-4"	12'-10"	60	31	32	32	2'-10"	60	
5	7	39'-0"	55.86	39.50	24.61	112	55'-6"	30	58	4'-0"	8'-10"	58	38	38	38	1'-10"	58	
5	8	45'-0"	64.35	45.50	18.61	130	64'-0"	23	44	4'-6"	5'-6"	44	44	44	44	1'-8"	44	
5	9	51'-0"	72.83	51.50	12.61	146	72'-6"	19	36	5'-0"	4'-0"	36	53	53	53	1'-8"	36	
5	10	57'-0"	81.32	57.50	8.61	162	81'-0"	15	28	5'-6"	3'-6"	28	62	62	62	1'-6"	28	
5	11	63'-0"	89.80	63.50	4.61	178	89'-6"	11	20	6'-0"	3'-0"	20	70	70	70	1'-4"	20	
5	12	69'-0"	98.28	69.50	0.61	194	98'-0"	7	12	6'-6"	2'-6"	12	78	78	78	1'-2"	12	
5	13	75'-0"	106.76	75.50	0.11	210	106'-6"	3	4	7'-0"	2'-0"	4	86	86	86	1'-0"	4	
5	14	81'-0"	115.24	81.50	0.01	226	115'-0"	0	0	7'-6"	1'-6"	0	94	94	94	10"	0	
5	15	87'-0"	123.72	87.50	0.01	242	123'-6"	0	0	8'-0"	1'-0"	0	102	102	102	0"	0	
5	16	93'-0"	132.20	93.50	0.01	258	132'-0"	0	0	8'-6"	0"	0	110	110	110	0"	0	
5	17	99'-0"	140.68	99.50	0.01	274	140'-6"	0	0	9'-0"	0"	0	118	118	118	0"	0	
5	18	105'-0"	149.16	105.50	0.01	290	105'-0"	0	0	9'-6"	0"	0	126	126	126	0"	0	
5	19	111'-0"	157.64	111.50	0.01	306	111'-0"	0	0	10'-0"	0"	0	134	134	134	0"	0	
5	20	117'-0"	166.12	117.50	0.01	322	117'-0"	0	0	10'-6"	0"	0	142	142	142	0"	0	
5	21	123'-0"	174.60	123.50	0.01	338	123'-0"	0	0	11'-0"	0"	0	150	150	150	0"	0	
5	22	129'-0"	183.08	129.50	0.01	354	129'-0"	0	0	11'-6"	0"	0	158	158	158	0"	0	
5	23	135'-0"	191.56	135.50	0.01	370	135'-0"	0	0	12'-0"	0"	0	166	166	166	0"	0	
5	24	141'-0"	200.04	141.50	0.01	386	141'-0"	0	0	12'-6"	0"	0	174	174	174	0"	0	
5	25	147'-0"	208.52	147.50	0.01	402	147'-0"	0	0	13'-0"	0"	0	182	182	182	0"	0	
5	26	153'-0"	217.00	153.50	0.01	418	153'-0"	0	0	13'-6"	0"	0	190	190	190	0"	0	
5	27	159'-0"	225.48	159.50	0.01	434	159'-0"	0	0	14'-0"	0"	0	198	198	198	0"	0	
5	28	165'-0"	233.96	165.50	0.01	450	165'-0"	0	0	14'-6"	0"	0	206	206	206	0"	0	
5	29	171'-0"	242.44	171.50	0.01	466	171'-0"	0	0	15'-0"	0"	0	214	214	214	0"	0	
5	30	177'-0"	250.92	177.50	0.01	482	177'-0"	0	0	15'-6"	0"	0	222	222	222	0"	0	
5	31	183'-0"	259.40	183.50	0.01	498	183'-0"	0	0	16'-0"	0"	0	230	230	230	0"	0	
5	32	189'-0"	267.88	189.50	0.01	514	189'-0"	0	0	16'-6"	0"	0	238	238	238	0"	0	
5	33	195'-0"	276.36	195.50	0.01	530	195'-0"	0	0	17'-0"	0"	0	246	246	246	0"	0	
5	34	201'-0"	284.84	201.50	0.01	546	201'-0"	0	0	17'-6"	0"	0	254	254	254	0"	0	
5	35	207'-0"	293.32	207.50	0.01	562	207'-0"	0	0	18'-0"	0"	0	262	262	262	0"	0	
5	36	213'-0"	301.80	213.50	0.01	578	213'-0"	0	0	18'-6"	0"	0	270	270	270	0"	0	
5	37	219'-0"	310.28	219.50	0.01	594	219'-0"	0	0	19'-0"	0"	0	278	278	278	0"	0	
5	38	225'-0"	318.76	225.50	0.01	610	225'-0"	0	0	19'-6"	0"	0	286	286	286	0"	0	
5	39	231'-0"	327.24	231.50	0.01	626	231'-0"	0	0	20'-0"	0"	0	294	294	294	0"	0	
5	40	237'-0"	335.72	237.50	0.01	642	237'-0"	0	0	20'-6"	0"	0	302	302	302	0"	0	
5	41	243'-0"	344.20	243.50	0.01	658	243'-0"	0	0	21'-0"	0"	0	310	310	310	0"	0	
5	42	249'-0"	352.68	249.50	0.01	674	249'-0"	0	0	21'-6"	0"	0	318	318	318	0"	0	
5	43	255'-0"	361.16	255.50	0.01	690	255'-0"	0	0	22'-0"	0"	0	326	326	326	0"	0	
5	44	261'-0"	369.64	261.50	0.01	706	261'-0"	0	0	22'-6"	0"	0	334	334	334	0"	0	
5	45	267'-0"	378.12	267.50	0.01	722	267'-0"	0	0	23'-0"	0"	0	342	342	342	0"	0	
5	46	273'-0"	386.60	273.50	0.01	738	273'-0"	0	0	23'-6"	0"	0	350	350	350	0"	0	
5	47	279'-0"	395.08	279.50	0.01	754	279'-0"	0	0	24'-0"	0"	0	358	358	358	0"	0	
5	48	285'-0"	403.56	285.50	0.01	770	285'-0"	0	0	24'-6"	0"	0	366	366	366	0"	0	
5	49	291'-0"	412.04	291.50	0.01	786	291'-0"	0	0	25'-0"	0"	0	374	374	374	0"	0	
5	50	297'-0"	420.52	297.50	0.01	802	297'-0"	0	0	25'-6"	0"	0	382	382	382	0"	0	
5	51	303'-0"	429.00	303.50	0.01	818	303'-0"	0	0	26'-0"	0"	0	390	390	390	0"	0	
5	52	309'-0"	437.48	309.50	0.01	834	309'-0"	0	0	26'-6"	0"	0	398	398	398	0"	0	
5	53	315'-0"	445.96	315.50	0.01	850	315'-0"	0	0	27'-0"	0"	0	406	406	406	0"	0	
5	54	321'-0"	454.44	321.50	0.01	866	321'-0"	0	0	27'-6"	0"	0	414	414	414	0"	0	
5	55	327'-0"	462.92	327.50	0.01	882	327'-0"	0	0	28'-0"	0"	0	422	422	422	0"	0	
5	56	333'-0"	471.40	333.50	0.01	898	333'-0"	0	0	28'-6"	0"	0	430	430	430	0"	0	
5	57	339'-0"	479.88	339.50	0.01	914	339'-0"	0	0	29'-0"	0"	0	438	438	438	0"	0	
5	58	345'-0"	488.36	345.50	0.01	930	345'-0"	0	0	29'-6"	0"	0	446	446	446	0"	0	
5	59	351'-0"	496.84	351.50	0.01	946	351'-0"	0	0	30'-0"	0"	0	454	454	454	0"	0	
5	60	357'-0"	505.32	357.50	0.01	962	357'-0"	0	0	30'-6"	0"	0	462	462	462	0"	0	
5	61	363'-0"	513.80	363.50	0.01	978	363'-0"	0	0	31'-0"	0"	0	470	470	470	0"	0	
5	62	369'-0"	522.28	369.50	0.01	994	369'-0"	0	0	31'-6"	0"	0	478	478	478	0"	0	
5	63	375'-0"	530.76	375.50	0.01	1010	375'-0"	0	0	32'-0"	0"	0	486	486	486	0"	0	
5	64	381'-0"	539.24	381.50	0.01	1026	381'-0"	0	0	32'-6"	0"	0	494	494	494	0"	0	
5	65	387'-0"	547.72	387.50	0.01	1042	387'-0"	0	0	33'-0"	0"	0	502	502	502	0"	0	
5	66	393'-0"	556.20	393.50	0.01	1058	393'-0"	0	0	33'-6"	0"	0	510	510	510	0"	0	
5	67	399'-0"	564.68	399.50	0.01	1074	399'-0"	0	0	34'-0"	0"	0	518	518	518	0"	0	
5	68	405'-0"	573.16	405.50	0.01	1090	405'-0"	0	0	34'-6"	0"	0	526	526	526	0"	0	
5	69	411'-0"	581.64	411.50	0.01	1106	411'-0"	0	0	35'-0"	0"	0	534	534	534	0"	0	
5	70	417'-0"	590.12	417.50	0.01	1122	417'-0"	0	0	35'-6"	0"	0	542	542	542	0"	0	
5	71	423'-0"	598.60	423.50	0.01	1138	423'-0"	0	0	36'-0"	0"	0	550	550	550	0"	0	
5	72	429'-0"	607.08	429.50	0.01	1154	429'-0"	0	0	36'-6"	0"	0	558	558	558	0"	0	
5	73	435'-0"	615.56	435.50	0.01	1170	435'-0"	0	0	37'-0"	0"	0	566	566	566	0"	0	
5	74	441'-0"	624.04	441.50	0.01	1186	441'-0"	0	0	37'-6"	0"	0	574	574	574	0"	0	
5	75	447'-0"	632.52	447.50	0.01	1202	447'-0"	0	0	38'-0"	0"	0	582	582	582	0"	0	
5	76	453'-0"	641.00	453.50	0.01	1218	453'-0"	0	0	38'-6"	0"	0	590	590	590	0"	0	
5	77	459'-0"	649.48	459.50	0.01	1234	459'-0"	0	0	39'-0"	0"	0	598	598	598	0"	0	
5	78	465'-0"	657.96	465.50	0.01	1250	465'-0"	0	0	39'-6"	0"	0	606	606	606	0"	0	
5	79	471'-0"	666.44	471.50	0.01	1266	471'-0"	0	0	40'-0"	0"	0	614	614	614	0"	0	
5	80	477'-0"	674.92	477.50	0.01	1282	477'-0"	0	0	40'-6"	0"	0	622	622	622	0"	0	
5	81	483'-0"	683.40	483.50	0.01	1298	483'-0"	0	0	41'-0"	0"	0	630	630	630	0"	0	
5	82	489'-0"	691.88	489.50	0.01	1314	489'-0"	0	0	41'-6"	0"	0	638	638	638	0"	0	
5	83	495'-0"	700.36	495.50	0.01	1330	495'-0"	0	0	42'-0"	0"	0	646					