

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

SPAN	MC--1															MC--2			MC--3				
	DIMENSIONS					NO. LENGTH	NO. BARS					LENGTH OF VARIABLE BARS (FIRST & LAST)					SPACES			NO. LENGTH	NO. LENGTH	NO. LENGTH	
	WIDTH	b	a	d	K		H	A	B/B ₁	B ₂	A	A	B, B ₁ or B ₂	B/B ₁	B ₂	X	Y	Z	Y				LAST B
5 2	11'-6"	13.28	6.64	45.71	26	12'-11"	46	90	-	9'-9"	2'-10"	10'-7"	1'-11"	-	5	6	-	6	1'-11"	90	-	-	-
5 3	17'-0"	19.63	9.81	42.53	40	19'-3"	43	84	-	15'-3"	3'-2"	16'-1"	2'-3"	-	8	9	-	9	2'-3"	84	-	-	-
5 4	22'-6"	25.98	12.99	39.36	52	25'-8"	40	78	-	20'-9"	1'-8"	21'-7"	2'-6"	-	12	12	-	12	2'-6"	78	-	-	-
5 5	28'-0"	32.33	16.17	36.18	66	32'-0"	37	72	-	26'-3"	2'-0"	27'-1"	2'-10"	-	15	15	-	15	2'-10"	72	-	-	-
5 6	33'-6"	38.68	19.34	33.01	78	38'-4"	34	66	-	31'-9"	2'-4"	32'-7"	3'-2"	-	18	18	-	18	3'-2"	66	-	-	-
5 2	11'-9"	13.57	6.78	45.56	28	13'-2"	46	90	-	10'-0"	3'-1"	10'-10"	2'-2"	-	5	6	-	6	2'-2"	90	-	-	-
5 3	17'-4"	20.01	10.01	42.34	40	19'-8"	43	84	-	15'-7"	1'-9"	16'-5"	2'-7"	-	9	9	-	9	2'-7"	84	-	-	-
5 4	22'-11"	26.46	13.23	39.12	54	26'-1"	40	78	-	21'-2"	2'-1"	22'-0"	2'-11"	-	12	12	-	12	2'-11"	78	-	-	-
5 5	28'-6"	32.91	16.45	35.89	66	32'-7"	36	70	-	26'-9"	2'-6"	27'-7"	1'-7"	-	15	16	-	16	1'-7"	70	-	-	-
5 6	34'-1"	39.36	19.68	32.67	80	39'-0"	33	64	-	32'-4"	2'-11"	33'-2"	2'-0"	-	18	19	-	19	2'-0"	64	-	-	-
6 2	13'-6"	15.59	7.79	44.55	32	15'-3"	54	106	-	11'-10"	1'-9"	12'-7"	2'-6"	-	8	8	-	10	2'-1"	134	-	-	-
6 3	20'-0"	23.09	11.55	40.80	46	22'-9"	50	98	-	18'-4"	2'-6"	19'-1"	1'-9"	-	12	13	-	16	1'-9"	122	-	-	-
6 4	26'-6"	30.60	15.30	37.05	62	30'-3"	45	88	-	24'-10"	1'-9"	25'-7"	2'-6"	-	17	17	-	21	2'-6"	110	-	-	-
6 5	33'-0"	38.11	19.05	33.29	76	37'-9"	41	80	-	31'-4"	2'-6"	32'-1"	1'-9"	-	21	22	-	27	2'-1"	100	-	-	-
6 6	39'-6"	45.61	22.81	29.54	92	45'-3"	36	70	-	37'-10"	1'-9"	38'-7"	2'-6"	-	26	26	-	33	1'-7"	88	-	-	-
6 2	13'-9"	15.88	7.94	44.41	32	15'-6"	54	106	-	12'-1"	2'-0"	12'-10"	2'-9"	-	8	8	-	10	2'-5"	132	-	-	-
6 3	20'-4"	23.48	11.74	40.61	48	23'-2"	49	96	-	18'-8"	2'-9"	19'-5"	2'-1"	-	12	13	-	16	2'-1"	122	-	-	-
6 4	26'-11"	31.08	15.54	36.81	62	30'-9"	45	88	-	25'-3"	2'-2"	26'-0"	2'-11"	-	17	17	-	22	1'-9"	110	-	-	-
6 5	33'-6"	38.68	19.34	33.01	78	38'-4"	40	78	-	31'-10"	1'-6"	32'-7"	2'-3"	-	22	22	-	27	2'-7"	98	-	-	-
6 6	40'-1"	46.28	23.14	29.20	92	45'-11"	36	70	-	38'-5"	2'-4"	39'-2"	1'-8"	-	26	27	-	33	2'-2"	88	-	-	-
7 2	15'-6"	17.90	8.95	43.40	36	17'-6"	53	104	-	13'-10"	2'-3"	14'-7"	1'-7"	-	9	10	-	13	1'-7"	138	10	1'-7"	104
7 3	23'-0"	26.56	13.28	39.07	54	26'-2"	47	92	-	21'-4"	2'-7"	22'-1"	1'-10"	-	14	15	-	20	1'-6"	124	15	1'-10"	92
7 4	30'-6"	35.22	17.61	34.34	70	34'-10"	42	82	-	28'-10"	2'-10"	29'-7"	2'-2"	-	19	20	-	26	2'-6"	110	20	2'-2"	82
7 5	38'-0"	43.88	21.94	30.41	88	43'-6"	37	72	-	36'-4"	1'-8"	37'-1"	2'-5"	-	25	25	-	33	2'-5"	96	25	2'-5"	72
7 6	45'-6"	52.54	26.27	26.08	106	52'-2"	32	62	-	43'-10"	1'-11"	44'-7"	2'-9"	-	30	30	-	40	2'-4"	84	30	2'-9"	62
7 2	15'-9"	18.19	9.09	43.25	36	17'-10"	53	104	-	14'-10"	2'-6"	14'-10"	1'-10"	-	9	10	-	13	1'-10"	138	10	1'-10"	104
7 3	23'-4"	26.95	13.47	38.87	54	26'-7"	47	92	-	21'-8"	2'-11"	22'-5"	2'-2"	-	14	15	-	20	1'-10"	124	15	2'-2"	92
7 4	30'-11"	35.70	17.85	34.50	72	35'-4"	42	82	-	29'-3"	1'-10"	30'-0"	2'-7"	-	20	20	-	27	1'-10"	110	20	2'-7"	82
7 5	38'-6"	44.46	22.23	30.12	90	44'-1"	37	72	-	36'-10"	2'-2"	37'-7"	1'-6"	-	25	26	-	34	1'-10"	96	26	1'-6"	72
7 6	46'-1"	53.21	26.61	25.74	106	52'-10"	31	60	-	44'-5"	2'-7"	45'-2"	1'-10"	-	30	31	-	41	1'-10"	82	31	1'-10"	60
8 2	17'-6"	20.21	10.10	42.24	40	19'-10"	60	118	-	16'-0"	2'-6"	16'-7"	1'-10"	-	12	13	-	15	2'-5"	144	18	1'-10"	168
8 3	26'-0"	30.02	15.01	37.34	60	29'-8"	53	104	-	24'-6"	2'-5"	25'-1"	1'-9"	-	19	20	-	24	1'-9"	128	28	1'-8"	150
8 4	34'-6"	39.84	19.92	32.43	80	39'-6"	46	90	-	33'-0"	2'-4"	33'-7"	1'-8"	-	26	27	-	32	2'-3"	110	38	1'-6"	130
8 5	43'-0"	49.65	24.83	27.52	100	49'-3"	40	78	-	41'-6"	2'-3"	42'-1"	1'-7"	-	33	34	-	41	1'-8"	94	47	2'-3"	110
8 6	51'-6"	59.47	29.73	22.61	120	59'-1"	33	64	-	50'-0"	2'-2"	50'-7"	1'-6"	-	40	41	-	49	2'-1"	78	57	2'-1"	90
8 2	17'-9"	20.50	10.25	42.10	42	20'-2"	60	118	-	16'-10"	1'-6"	16'-10"	2'-1"	-	13	13	-	16	1'-8"	144	18	2'-1"	168
8 3	26'-4"	30.41	15.20	37.14	62	30'-1"	53	104	-	24'-10"	1'-6"	25'-5"	2'-1"	-	20	20	-	24	2'-2"	128	28	2'-0"	148
8 4	34'-11"	40.32	20.16	32.19	80	40'-1"	46	90	-	33'-5"	1'-6"	34'-0"	2'-1"	-	27	27	-	33	1'-8"	110	38	2'-0"	128
8 5	43'-6"	50.23	25.11	27.23	100	49'-10"	39	76	-	42'-0"	1'-6"	42'-7"	2'-1"	-	34	34	-	41	2'-2"	94	48	1'-11"	108
8 6	52'-1"	60.14	30.07	22.28	120	59'-9"	32	62	-	50'-7"	1'-6"	51'-2"	2'-1"	-	41	41	-	50	1'-8"	76	58	1'-10"	90
8 2	18'-0"	20.78	10.39	41.95	42	20'-5"	60	118	-	16'-6"	1'-9"	17'-1"	2'-4"	-	13	13	-	16	1'-11"	144	18	2'-4"	168
8 3	26'-8"	30.79	15.40	36.95	62	30'-5"	53	104	-	25'-2"	1'-10"	25'-9"	2'-5"	-	20	20	-	25	1'-6"	126	29	1'-6"	148
8 4	35'-4"	40.80	20.40	31.95	82	40'-5"	46	90	-	33'-10"	1'-11"	34'-5"	2'-6"	-	27	27	-	33	2'-1"	110	39	1'-6"	128
8 5	44'-0"	50.81	25.40	26.94	102	50'-5"	39	76	-	42'-6"	2'-0"	43'-1"	2'-7"	-	34	34	-	42	1'-8"	92	49	1'-6"	108
8 6	52'-8"	60.81	30.41	21.94	122	60'-5"	32	62	-	51'-2"	2'-1"	51'-9"	2'-8"	-	41	41	-	50	2'-3"	74	59	1'-6"	88
9 2	19'-9"	22.81	11.40	40.94	46	22'-5"	55	54	65	18'-2"	2'-7"	18'-10"	1'-11"	1'-6"	13	14	17	21	1'-6"	164	16	1'-6"	122
9 3	29'-4"	33.87	16.94	35.41	68	33'-6"	48	47	56	27'-9"	1'-9"	28'-5"	2'-5"	2'-5"	21	21	25	32	1'-7"	142	24	1'-10"	106
9 4	38'-11"	44.94	22.47	29.88	90	44'-7"	41	40	48	37'-4"	2'-3"	38'-0"	1'-7"	2'-3"	28	29	34	43	1'-8"	120	32	2'-2"	90
9 5	48'-6"	56.00	28.00	24.34	112	55'-8"	33	32	39	46'-11"	2'-9"	47'-7"	2'-0"	2'-0"	35	36	43	54	1'-8"	98	40	2'-6"	72
9 6	58'-1"	67.07	33.53	18.81	134	66'-9"	26	25	30	56'-6"	1'-11"	57'-2"	2'-7"	1'-11"	43	43	52	65	1'-9"	76	49	1'-9"	56
9 2	20'-0"	23.09	11.55	40.80	46	22'-9"	55	54	70	18'-5"	1'-6"	19'-1"	2'-2"	1'-11"	14	14	18	21	1'-9"	164	16	1'-9"	122
9 3	29'-8"	34.26	17.13	35.22	68	33'-11"	48	47	60	28'-1"	2'-1"	28'-9"	2'-9"	2'-6"	21	21	27	32	1'-11"	140	24	2'-2"	106
9 4	39'-4"	45.42	22.71	29.64	92	45'-1"	40	39	51	37'-9"	2'-8"	38'-5"	2'-0"	2'-1"	28	29	37	43	2'-1"	118	32	2'-7"	88
9 5	49'-0"	56.58	28.29	24.06	114	56'-3"	33	32	41	47'-5"	1'-11"	48'-1"	2'-7"	1'-7"	36	36	47	54	2'-2"	96	41	1'-11"	72
9 6	58'-8"	67.74	33.87	18.48	136	67'-5"	25	24	32	57'-1"	2'-6"	57'-9"	1'-11"	2'-2"	43	44	56	65	2'-4"	74	49	2'-4"	54
10 2	21'-9"	25.11	12.56	39.79	50	24'-9"	35	34	45	19'-10"	1'-8"	20'-10"	2'-8"	2'-8"	10	10	13	17	2'-4"	118	18	2'-5"	126
10 3	32'-4"	37.34	18.67	33.68	76	37'-0"	29	28	38	30'-5"	2'-2"	31'-5"	3'-1"	2'-7"	15	15	20	26	2'-6"	100	28	2'-2"	108
10 4	42'-11"	49.56	24.78	27.57	100	49'-2"	24	23	31	41'-0"	2'-7"	42'-0"	1'-7"	2'-7"	20	21	27	36	1'-7"	82	38	1'-11"	88
10 5	53'-6"	61.78	30.89	21.46	124	61'-5"	19	18	24	51'-7"	3'-1"	52'-7"	2'-1"	2'-7"	25	26	34	45	1'-9"	64	48	1'-8"	68
10 6	64'-1"	74.00	37.00	15.35	148	73'-8"	14	13	17	62'-2"	1'-7"	63'-2"	2'-6"	2'-6"	31	31	41	54	1'-11"	46	57	2'-6"	48
10 2	22'-0"	25.40	12.70	39.64	52	25'-0"	34	33	45	20'-1"	1'-10"	21'-1"	2'-10"	2'-10"	10	10	13	17	2'-7"	118	19	1'-7"	126
10 3	32'-8"	37.72	18.86	33.49	76	37'-4"	29	28	38	30'-9"	2'-5"	31'-9"	3'-5"	2'-11"	15	16	20	27	1'-9"	100	28	2'-6"	106
10 4	43'-4"	50.04	25.02	27.33	100	49'-8"	24	23	31														