

	MAP-1, 42'	MAP-1, 42'	MAP-2, 34'/31'	MAP-2, 34'/31'
Structure ID	B-102	B-102	B-103	B-103
<b>Y-Direction - Top Slab Reinforcing:</b>				
Mu (k-in)	411	411	252	252
phi	0.9	0.9	0.9	0.9
Mn (k-in)	457	457	280	280
Bar Diameter (in)	<b>0.625</b>	<b>0.625</b>	<b>0.625</b>	<b>0.625</b>
Cover	2	2	2	2
d (in)	15.06	15.06	15.06	15.06
Rn (ksi)	0.0177	0.0177	0.0079	0.0079
m	20.17	20.17	20.17	20.17
p - reinforcing ratio required	0.0003	0.0003	0.0001	0.0001
p - s+t	0.0018	0.0018	0.0018	0.0018
p min (1.33 x p)	0.0004	0.0004	0.0002	0.0002
p bal	0.0249	0.0249	0.0249	0.0249
p max	0.0187	0.0187	0.0187	0.0187
p required	0.0018	0.0018	0.0018	0.0018
As - (in <sup>2</sup> ) - Top Bars	3.69	3.69	5.05	5.05
Number of Bars - Top	<b>13.0</b>	<b>13.0</b>	<b>17.0</b>	<b>17.0</b>

<b>Y-Direction - Bottom Slab Reinforcing:</b>				
Mu (k-in)	869	953	505	538
phi	0.9	0.9	0.9	0.9
Mn (k-in)	965	1059	561	597
Bar Diameter (in)	<b>0.625</b>	<b>0.625</b>	<b>0.625</b>	<b>0.625</b>
Cover	3	3	3	3
d (in)	14.06	14.06	14.06	14.06
Rn (ksi)	0.0428	0.0470	0.0182	0.0194
m	20.17	20.17	20.17	20.17
p - reinforcing ratio required	0.0007	0.0008	0.0003	0.0003
p - s+t	0.0018	0.0018	0.0018	0.0018
p min (1.33 x p)	0.0010	0.0010	0.0004	0.0004
p bal	0.0249	0.0249	0.0249	0.0249
p max	0.0187	0.0187	0.0187	0.0187
p required	0.0018	0.0018	0.0018	0.0018
As - (in <sup>2</sup> ) - Top Bars	3.69	3.69	5.05	5.05
Number of Bars - Top	<b>13.0</b>	<b>13.0</b>	<b>17.0</b>	<b>17.0</b>