

| | MAP-1, 42' | MAP-1, 42' | MAP-2, 34'/31' | MAP-2, 34'/31' |
|--|--------------|--------------|----------------|----------------|
| Structure ID | B-102 | B-102 | B-103 | B-103 |
| X-Direction - Top Slab Reinforcing: | | | | |
| Load Factor | 1.3 | 1.3 | 1.3 | 1.3 |
| Mu (k-in) | 411 | 411 | 1635 | 1635 |
| phi | 0.9 | 0.9 | 0.9 | 0.9 |
| Mn (k-in) | 457 | 457 | 1817 | 1817 |
| Bar Diameter (in) | 0.625 | 0.625 | 0.625 | 0.625 |
| Cover | 2 | 2 | 2 | 2 |
| d (in) | 15.06 | 15.06 | 15.06 | 15.06 |
| Rn (ksi) | 0.0177 | 0.0177 | 0.0834 | 0.0834 |
| m | 20.17 | 20.17 | 20.17 | 20.17 |
| p - reinforcing ratio required | 0.0003 | 0.0003 | 0.0014 | 0.0014 |
| p - s+t | 0.0018 | 0.0018 | 0.0018 | 0.0018 |
| p min (1.33 x p) | 0.0004 | 0.0004 | 0.0019 | 0.0019 |
| 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 | 0.0019 | 0.0019 |
| As - (in ²) - Top Bars | 3.69 | 3.69 | 3.24 | 3.24 |
| Number of Bars - Top | 13 | 13 | 11 | 11 |

| | | | | |
|---|--------------|--------------|--------------|--------------|
| X-Direction - Bottom Slab Reinforcing: | | | | |
| Mu (k-in) | 858 | 1017 | 3054 | 3334 |
| phi | 0.9 | 0.9 | 0.9 | 0.9 |
| Mn (k-in) | 953 | 1130 | 3394 | 3705 |
| Bar Diameter (in) | 0.625 | 0.625 | 1.000 | 1.000 |
| Cover | 3 | 3 | 3 | 3 |
| d (in) | 14.06 | 14.06 | 13.50 | 13.50 |
| Rn (ksi) | 0.0423 | 0.0501 | 0.1940 | 0.2118 |
| m | 20.17 | 20.17 | 20.17 | 20.17 |
| p - reinforcing ratio required | 0.0007 | 0.0008 | 0.0033 | 0.0037 |
| p - s+t | 0.0018 | 0.0018 | 0.0018 | 0.0018 |
| p min (1.33 x p) | 0.0009 | 0.0011 | 0.0044 | 0.0049 |
| 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 | 0.0044 | 0.0049 |
| As - (in ²) - Top Bars | 3.69 | 3.69 | 7.69 | 8.42 |
| Number of Bars - Top | 13 | 13 | 10 | 11 |