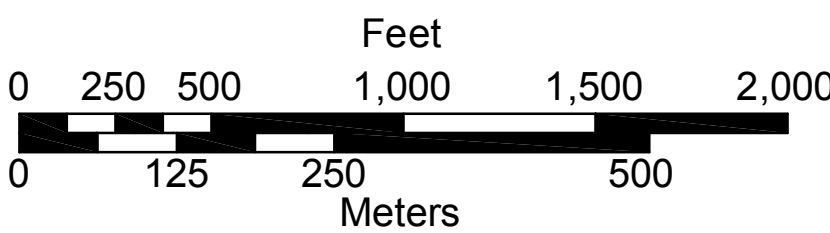
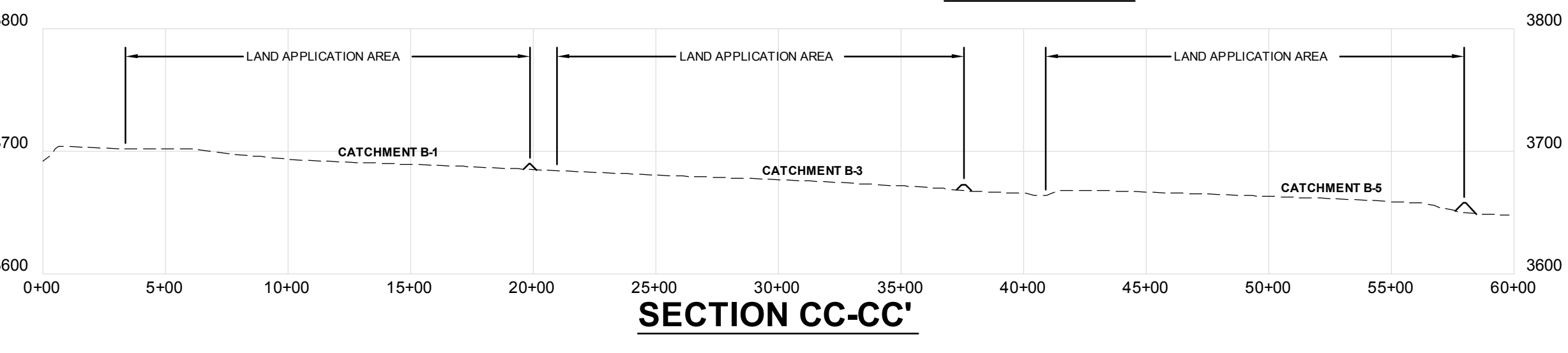


**PLAN VIEW**

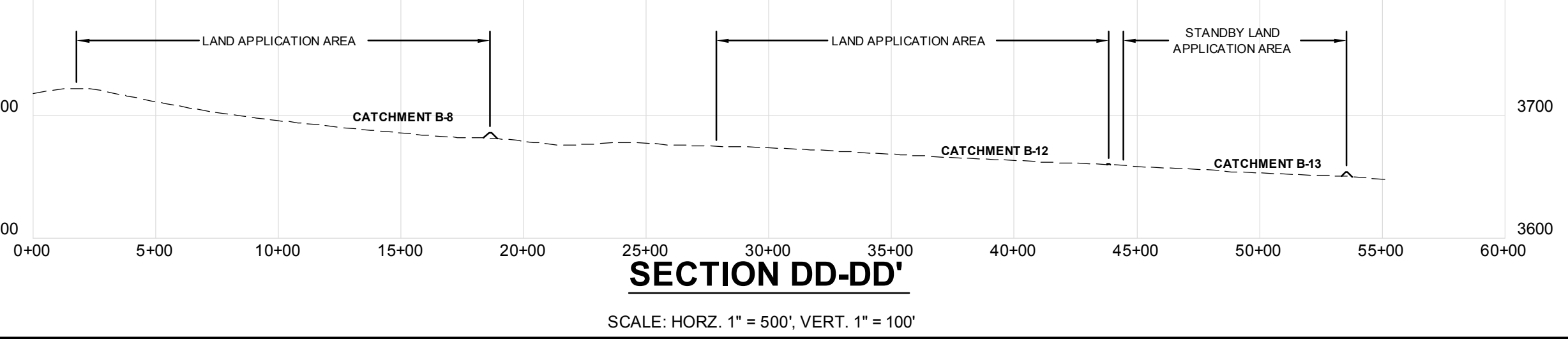


- NOTES:
1. INACTIVE CAPACITY IS THE AVAILABLE STORAGE CAPACITY FOR EACH CATCHMENT AREA ALLOWING ADEQUATE FREEBOARD CAPACITY FOR THE 100-YEAR, 24-HOUR STORM RUNOFF.
  2. THE GENERAL CATCHMENT BOUNDARY THAT IS SHOWN IS THE SAME AS SHOWN ON OTHER FIGURES IN THIS APPLICATION. THE ACTUAL BOUNDARY WILL VARY DEPENDING UPON THE FINAL DESIGN OF THE CATCHMENT AREAS. THE CONCEPTUAL CATCHMENT AREA DESIGN SHOWN ON THIS PLATE IS WITHIN THE GENERAL CATCHMENT BOUNDARY.



**SECTION CC-CC'**

SCALE: HORIZ. 1" = 500', VERT. 1" = 100'



**SECTION DD-DD'**

SCALE: HORIZ. 1" = 500', VERT. 1" = 100'

| CATCHMENT B-1<br>AREA CAPACITY TABLE |           |                |                  |       |                           | CATCHMENT B-2<br>AREA CAPACITY TABLE |           |                |                  |       |                           | CATCHMENT B-3<br>AREA CAPACITY TABLE |           |                |                  |       |                           | CATCHMENT B-4<br>AREA CAPACITY TABLE |           |                |                  |       |                           |
|--------------------------------------|-----------|----------------|------------------|-------|---------------------------|--------------------------------------|-----------|----------------|------------------|-------|---------------------------|--------------------------------------|-----------|----------------|------------------|-------|---------------------------|--------------------------------------|-----------|----------------|------------------|-------|---------------------------|
| ELEVATION (ft)                       | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) | ELEVATION (ft)                       | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) | ELEVATION (ft)                       | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) | ELEVATION (ft)                       | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) |
|                                      |           |                | INCR.            | ACCU. |                           |                                      |           |                | INCR.            | ACCU. |                           |                                      |           |                | INCR.            | ACCU. |                           |                                      |           |                | INCR.            | ACCU. |                           |
| 3686.0                               | 0.46      | 1.13           | 0.57             | 0.00  | 1.82 ac-ft                | 3670.5                               | 0.01      | 0.03           | 0.02             | 0.00  | 0.02 ac-ft                | 3664.0                               | 0.16      | 0.20           | 0.10             | 0.00  | 0.02 ac-ft                | 3653.5                               | 0.01      | 0.11           | 0.06             | 0.00  | 0.06 ac-ft                |
| 3686.5                               | 1.80      | 2.49           | 1.25             | 0.57  | 1.82 ac-ft                | 3671.0                               | 0.04      | 0.06           | 0.03             | 0.05  | 0.02 ac-ft                | 3664.5                               | 0.23      | 0.25           | 0.13             | 0.10  | 0.02 ac-ft                | 3654.0                               | 0.20      | 0.32           | 0.16             | 0.06  | 0.06 ac-ft                |
| 3687.0                               | 3.17      | 3.91           | 1.96             | 1.82  | 1.82 ac-ft                | 3671.5                               | 0.08      | 0.11           | 0.06             | 0.05  | 0.05 ac-ft                | 3665.0                               | 0.27      | 0.30           | 0.15             | 0.23  | 0.02 ac-ft                | 3654.5                               | 0.44      | 0.55           | 0.28             | 0.22  | 0.22 ac-ft                |
| 3687.5                               | 4.65      | 5.40           | 2.70             | 6.48  | 1.82 ac-ft                | 3672.0                               | 0.14      | 0.18           | 0.09             | 0.11  | 0.11 ac-ft                | 3665.5                               | 0.32      | 0.35           | 0.18             | 0.38  | 0.02 ac-ft                | 3655.0                               | 0.65      | 0.80           | 0.40             | 0.50  | 0.50 ac-ft                |
| 3688.0                               | 6.15      | 7.12           | 3.56             | 10.04 | 1.82 ac-ft                | 3672.5                               | 0.21      | 0.25           | 0.13             | 0.20  | 0.20 ac-ft                | 3666.0                               | 0.37      | 0.41           | 0.21             | 0.56  | 0.02 ac-ft                | 3655.5                               | 0.94      | 1.20           | 0.60             | 0.90  | 0.90 ac-ft                |
| 3688.5                               | 8.09      | 8.93           | 4.47             | 14.51 | 1.82 ac-ft                | 3673.0                               | 0.29      | 0.38           | 0.19             | 0.33  | 0.33 ac-ft                | 3666.5                               | 0.44      | 0.47           | 0.24             | 0.77  | 0.02 ac-ft                | 3656.0                               | 1.61      | 2.25           | 1.13             | 1.54  | 1.54 ac-ft                |
| 3689.0                               | 9.78      | 10.64          | 5.32             | 19.83 | 1.82 ac-ft                | 3673.5                               | 0.47      | 0.48           | 0.24             | 0.52  | 0.52 ac-ft                | 3667.0                               | 0.49      | 0.52           | 0.26             | 1.01  | 0.02 ac-ft                | 3656.5                               | 2.88      | 3.21           | 1.61             | 2.67  | 2.67 ac-ft                |
| 3689.5                               | 11.50     | 12.37          | 6.19             | 26.02 | 1.82 ac-ft                | 3674.0                               | 0.48      | 0.66           | 0.33             | 0.76  | 0.76 ac-ft                | 3667.5                               | 0.55      | 0.58           | 0.29             | 1.27  | 0.02 ac-ft                | 3657.0                               | 3.54      | 3.90           | 1.95             | 4.28  | 4.28 ac-ft                |
| 3690.0                               | 13.24     | 14.03          | 7.06             | 32.86 | 1.82 ac-ft                | 3674.5                               | 0.83      | 0.92           | 0.46             | 1.09  | 1.09 ac-ft                | 3668.0                               | 0.61      | 0.64           | 0.32             | 1.56  | 0.02 ac-ft                | 3657.5                               | 4.25      | 4.62           | 2.31             | 6.23  | 6.23 ac-ft                |
|                                      |           |                |                  |       |                           | 3675.0                               | 1.01      | 1.11           | 0.56             | 1.55  | 1.55 ac-ft                | 3668.5                               | 0.67      | 0.72           | 0.36             | 1.88  | 0.02 ac-ft                | 3658.0                               | 4.99      | 4.62           | 2.31             | 8.54  | 8.54 ac-ft                |
|                                      |           |                |                  |       |                           | 3675.5                               | 1.21      | 1.11           | 0.56             | 2.11  | 2.11 ac-ft                |                                      |           |                |                  |       |                           |                                      |           |                |                  |       |                           |

| CATCHMENT B-5<br>AREA CAPACITY TABLE |           |                |                  |       |                           | CATCHMENT B-6<br>AREA CAPACITY TABLE |           |                |                  |       |                           | CATCHMENT B-7<br>AREA CAPACITY TABLE |           |                |                  |       |                           | CATCHMENT B-8<br>AREA CAPACITY TABLE |           |                |                  |       |                           |
|--------------------------------------|-----------|----------------|------------------|-------|---------------------------|--------------------------------------|-----------|----------------|------------------|-------|---------------------------|--------------------------------------|-----------|----------------|------------------|-------|---------------------------|--------------------------------------|-----------|----------------|------------------|-------|---------------------------|
| ELEVATION (ft)                       | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) | ELEVATION (ft)                       | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) | ELEVATION (ft)                       | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) | ELEVATION (ft)                       | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) |
|                                      |           |                | INCR.            | ACCU. |                           |                                      |           |                | INCR.            | ACCU. |                           |                                      |           |                | INCR.            | ACCU. |                           |                                      |           |                | INCR.            | ACCU. |                           |
| 3652.0                               | 0.05      | 0.11           | 0.06             | 0.00  | 0.06 ac-ft                | 3652.5                               | 0.02      | 0.03           | 0.02             | 0.00  | 0.02 ac-ft                | 3679.5                               | 0.00      | 0.04           | 0.02             | 0.00  | 0.02 ac-ft                | 3679.5                               | 0.00      | 0.04           | 0.02             | 0.00  | 0.02 ac-ft                |
| 3652.5                               | 0.16      | 0.22           | 0.11             | 0.17  | 0.17 ac-ft                | 3653.0                               | 0.04      | 0.05           | 0.03             | 0.02  | 0.02 ac-ft                | 3680.0                               | 0.08      | 0.14           | 0.07             | 0.09  | 0.09 ac-ft                | 3680.0                               | 0.08      | 0.14           | 0.07             | 0.09  | 0.09 ac-ft                |
| 3653.0                               | 0.28      | 0.35           | 0.18             | 0.35  | 0.35 ac-ft                | 3653.5                               | 0.05      | 0.10           | 0.05             | 0.05  | 0.05 ac-ft                | 3681.0                               | 0.37      | 0.49           | 0.25             | 0.24  | 0.24 ac-ft                | 3681.0                               | 0.37      | 0.49           | 0.25             | 0.24  | 0.24 ac-ft                |
| 3653.5                               | 0.41      | 0.49           | 0.25             | 0.60  | 0.60 ac-ft                | 3654.0                               | 0.14      | 0.41           | 0.21             | 0.31  | 0.31 ac-ft                | 3681.5                               | 0.60      | 0.49           | 0.25             | 0.49  | 0.49 ac-ft                | 3681.5                               | 0.60      | 0.49           | 0.25             | 0.49  | 0.49 ac-ft                |
| 3654.0                               | 0.56      | 0.63           | 0.32             | 0.92  | 0.92 ac-ft                | 3654.5                               | 0.11      | 0.89           | 0.45             | 0.76  | 0.76 ac-ft                | 3682.0                               | 0.92      | 0.76           | 0.38             | 0.87  | 0.87 ac-ft                | 3682.0                               | 0.92      | 0.76           | 0.38             | 0.87  | 0.87 ac-ft                |
| 3654.5                               | 0.69      | 0.77           | 0.39             | 1.31  | 1.31 ac-ft                | 3655.0                               | 1.10      | 1.33           | 0.67             | 1.43  | 1.43 ac-ft                | 3682.5                               | 1.29      | 1.11           | 0.56             | 1.43  | 1.43 ac-ft                | 3682.5                               | 1.29      | 1.11           | 0.56             | 1.43  | 1.43 ac-ft                |
| 3655.0                               | 0.84      | 0.92           | 0.46             | 1.77  | 1.77 ac-ft                | 3655.5                               | 1.55      | 1.96           | 0.98             | 2.43  | 2.43 ac-ft                | 3683.0                               | 1.66      | 1.88           | 0.94             | 2.17  | 2.17 ac-ft                | 3683.0                               | 1.66      | 1.88           | 0.94             | 2.17  | 2.17 ac-ft                |
| 3655.5                               | 0.99      | 1.06           | 0.54             | 2.31  | 2.31 ac-ft                | 3656.0                               | 2.36      | 2.63           | 1.32             | 3.73  | 3.73 ac-ft                | 3683.5                               | 2.09      | 2.39           | 1.20             | 3.41  | 3.41 ac-ft                | 3683.5                               | 2.09      | 2.39           | 1.20             | 3.41  | 3.41 ac-ft                |
| 3656.0                               | 1.16      | 1.29           | 0.65             | 2.96  | 2.96 ac-ft                | 3656.5                               | 2.89      | 3.11           | 1.56             | 5.29  | 5.29 ac-ft                | 3684.0                               | 2.68      | 2.39           | 1.20             | 4.31  | 4.31 ac-ft                | 3684.0                               | 2.68      | 2.39           | 1.20             | 4.31  | 4.31 ac-ft                |
| 3656.5                               | 1.41      | 1.56           | 0.78             | 3.74  | 3.74 ac-ft                | 3657.0                               | 3.33      | 3.58           | 1.79             | 7.08  | 7.08 ac-ft                | 3684.5                               | 3.26      | 2.97           | 1.49             | 5.80  | 5.80 ac-ft                | 3684.5                               | 3.26      | 2.97           | 1.49             | 5.80  | 5.80 ac-ft                |
| 3657.0                               | 1.70      | 1.91           | 0.95             | 4.69  | 4.69 ac-ft                | 3657.5                               | 3.82      | 4.11           | 2.06             | 9.14  | 9.14 ac-ft                | 3685.0                               | 3.77      | 3.52           | 1.76             | 7.56  | 7.56 ac-ft                | 3685.0                               | 3.77      | 3.52           | 1.76             | 7.56  | 7.56 ac-ft                |
| 3657.5                               | 2.11      | 2.25           | 1.13             | 5.82  | 5.82 ac-ft                | 3658.0                               | 4.39      | 4.11           | 2.06             | 9.14  | 9.14 ac-ft                | 3685.5                               | 4.31      | 4.04           | 2.02             | 9.58  | 9.58 ac-ft                | 3685.5                               | 4.31      | 4.04           | 2.02             | 9.58  | 9.58 ac-ft                |
| 3658.0                               | 2.39      | 2.25           | 1.13             | 5.82  | 5.82 ac-ft                |                                      |           |                |                  |       |                           | 3686.0                               | 4.94      | 4.63           | 2.32             | 11.90 | 11.90 ac-ft               | 3686.0                               | 4.94      | 4.63           | 2.32             | 11.90 | 11.90 ac-ft               |

| CATCHMENT B-9<br>AREA CAPACITY TABLE |           |                |                  |       |                           | CATCHMENT B-10<br>AREA CAPACITY TABLE |           |                |                  |       |                           | CATCHMENT B-11<br>AREA CAPACITY TABLE |           |                |                  |       |                           | CATCHMENT B-12<br>AREA CAPACITY TABLE |           |                |                  |       |                           |
|--------------------------------------|-----------|----------------|------------------|-------|---------------------------|---------------------------------------|-----------|----------------|------------------|-------|---------------------------|---------------------------------------|-----------|----------------|------------------|-------|---------------------------|---------------------------------------|-----------|----------------|------------------|-------|---------------------------|
| ELEVATION (ft)                       | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) | ELEVATION (ft)                        | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) | ELEVATION (ft)                        | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) | ELEVATION (ft)                        | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) |
|                                      |           |                | INCR.            | ACCU. |                           |                                       |           |                | INCR.            | ACCU. |                           |                                       |           |                | INCR.            | ACCU. |                           |                                       |           |                | INCR.            | ACCU. |                           |
| 3726.5                               | 0.01      | 0.02           | 0.01             | 0.00  | 0.00 ac-ft                | 3705.0                                | 0.08      | 0.20           | 0.10             | 0.00  | 0.00 ac-ft                | 3681.5                                | 0.00      | 0.02           | 0.01             | 0.00  | 0.00 ac-ft                | 3656.5                                | 0.04      | 0.10           | 0.05             | 0.00  | 0.00 ac-ft                |
| 3727.0                               | 0.03      | 0.05           | 0.03             | 0.01  | 0.01 ac-ft                | 3705.5                                | 0.31      | 0.50           | 0.25             | 0.35  | 0.35 ac-ft                | 3682.0                                | 0.03      | 0.05           | 0.03             | 0.04  | 0.04 ac-ft                | 3657.0                                | 0.04      | 0.10           | 0.05             | 0.00  | 0.00 ac-ft                |
| 3727.5                               | 0.06      | 0.08           | 0.04             | 0.04  | 0.04 ac-ft                | 3706.0                                | 0.89      | 0.92           | 0.46             | 0.81  | 0.81 ac-ft                | 3682.5                                | 0.06      | 0.09           | 0.05             | 0.09  | 0.09 ac-ft                | 3657.5                                | 0.04      | 0.02           | 0.01             | 0.10  | 0.10 ac-ft                |
| 3728.0                               | 0.10      | 0.12           | 0.06             | 0.08  | 0.08 ac-ft                | 3706.5                                | 1.15      | 1.38           | 0.69             | 1.50  | 1.50 ac-ft                | 3683.0                                | 0.11      | 0.14           | 0.07             | 0.09  | 0.09 ac-ft                | 3658.0                                | 0.00      | 0.02           | 0.01             | 0.11  | 0.11 ac-ft                |
| 3728.5                               | 0.13      | 0.15           | 0.08             | 0.14  | 0.14 ac-ft                | 3707.0                                | 1.60      | 1.86           | 0.93             | 2.43  | 2.43 ac-ft                | 3683.5                                | 0.16      | 0.21           | 0.11             | 0.16  | 0.16 ac-ft                | 3658.5                                | 1.47      | 1.74           | 0.87             | 0.48  | 0.48 ac-ft                |
| 3729.0                               | 0.16      | 0.18           | 0.09             | 0.22  | 0.22 ac-ft                | 3707.5                                | 2.11      | 2.38           | 1.19             | 3.62  | 3.62 ac-ft                | 3684.0                                | 0.25      | 0.32           | 0.16             | 0.27  | 0.27 ac-ft                | 3659.0                                | 2.35      | 2.87           | 1.44             | 1.43  | 1.43 ac-ft                |
| 3729.5                               | 0.20      | 0.22           | 0.11             | 0.31  | 0.31 ac-ft                | 3708.0                                | 2.64      | 2.97           | 1.49             | 5.11  | 5.11 ac-ft                | 3684.5                                | 0.33      | 0.42           | 0.21             | 0.32  | 0.32 ac-ft                | 3659.5                                | 3.38      | 3.93           | 1.97             | 2.87  | 2.87 ac-ft                |
| 3730.0                               | 0.23      | 0.27           | 0.14             | 0.42  | 0.42 ac-ft                | 3708.5                                | 3.30      | 3.61           | 1.81             | 6.92  | 6.92 ac-ft                | 3685.0                                | 0.42      | 0.51           | 0.25             | 0.48  | 0.48 ac-ft                | 3660.0                                | 4.47      | 5.63           | 2.82             | 4.84  | 4.84 ac-ft                |
| 3730.5                               | 0.31      | 0.35           | 0.18             | 0.56  | 0.56 ac-ft                | 3709.0                                | 3.92      | 4.25           | 2.13             | 9.05  | 9.05 ac-ft                | 3685.5                                | 0.53      | 0.63           | 0.31             | 0.62  | 0.62 ac-ft                | 3660.5                                | 6.78      | 8.53           | 4.26             | 7.66  | 7.66 ac-ft                |
| 3731.0                               | 0.38      | 0.43           | 0.22             | 0.74  | 0.74 ac-ft                | 3709.5                                | 4.57      | 4.92           | 2.46             | 11.51 | 11.51 ac-ft               | 3686.0                                | 0.64      | 0.74           | 0.36             | 0.88  | 0.88 ac-ft                |                                       |           |                |                  |       |                           |
| 3731.5                               | 0.47      | 0.52           | 0.26             | 0.96  | 0.96 ac-ft                | 3710.0                                | 5.27      | 5.69           | 2.85             | 14.36 | 14.36 ac-ft               | 3686.5                                | 0.76      | 0.86           | 0.42             | 1.23  | 1.23 ac-ft                |                                       |           |                |                  |       |                           |
| 3732.0                               | 0.56      | 0.62           | 0.31             | 1.22  | 1.22 ac-ft                | 3710.5                                | 6.10      | 6.18           | 3.02             | 17.88 | 17.88 ac-ft               | 3687.0                                | 0.88      | 0.98           | 0.48             | 1.68  | 1.68 ac-ft                |                                       |           |                |                  |       |                           |
|                                      |           |                |                  |       |                           | 3711.0                                | 6.26      | 6.18           | 3.02             | 19.98 | 19.98 ac-ft               |                                       |           |                |                  |       |                           |                                       |           |                |                  |       |                           |

| CATCHMENT B-13<br>AREA CAPACITY TABLE |           |                |                  |       |                           | CATCHMENT B-14<br>AREA CAPACITY TABLE |           |                |                  |       |                           | CATCHMENT B-15<br>AREA CAPACITY TABLE |           |                |                  |       |                           |
|---------------------------------------|-----------|----------------|------------------|-------|---------------------------|---------------------------------------|-----------|----------------|------------------|-------|---------------------------|---------------------------------------|-----------|----------------|------------------|-------|---------------------------|
| ELEVATION (ft)                        | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) | ELEVATION (ft)                        | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) | ELEVATION (ft)                        | AREA (ac) | AVG. AREA (ac) | CAPACITY (ac-ft) |       | INACTIVE CAPACITY (ac-ft) |
|                                       |           |                | INCR.            | ACCU. |                           |                                       |           |                | INCR.            | ACCU. |                           |                                       |           |                | INCR.            | ACCU. |                           |
| 3648.5                                | 0.00      | 0.04           | 0.02             | 0.00  | 0.00 ac-ft                | 3674.0                                | 0.05      | 0.08           | 0.04             | 0.00  | 0.00 ac-ft                | 3655.5                                | 0.50      | 0.53           | 0.27             | 0.00  | 0.00 ac-ft                |
| 3649.0                                | 0.08      | 0.17           | 0.09             | 0.02  | 0.02 ac-ft                | 3674.5                                | 0.11      | 0.19           | 0.10             | 0.14  | 0.14 ac-ft                | 3656.0                                | 0.55      | 0.58           | 0.29             | 0.27  | 0.27 ac-ft                |
| 3649.5                                | 0.25      | 0.40           | 0.20             | 0.31  | 0.31 ac-ft                | 3675.0                                | 0.26      | 0.28           | 0.14             | 0.28  | 0.28 ac-ft                | 3656.5                                | 0.61      | 0.64           | 0.32             | 0.56  | 0.56 ac-ft                |
| 3650.0                                | 0.54      | 0.74           | 0.37             | 0.68  | 0.68 ac-ft                | 3675.5                                | 0.29      | 0.28           | 0.14             | 0.28  | 0.28 ac-ft                | 3657.0                                | 0.67      | 0.70           | 0.35             | 0.88  | 0.88 ac-ft                |
| 3650.5                                | 0.94      | 1.21           | 0.61             | 1.29  | 1.29 ac-ft                | 3676.0                                | 0.89      | 0.59           | 0.30             | 0.58  | 0.58 ac-ft                | 3657.5                                | 0.73      | 0.76           | 0.38             | 1.23  | 1.23 ac-ft                |
| 3651.0                                | 1.47      | 1.80           | 0.90             | 2.19  | 2.19 ac-ft                | 3676.5                                | 1.56      | 1.79           | 0.90             | 2.10  | 2.10 ac-ft                | 3658.0                                | 0.79      | 0.83           | 0.42             | 1.61  | 1.61 ac-ft                |
| 3651.5                                | 2.13      | 2.57           | 1.29             | 3.48  | 3.48 ac-ft                | 3677.0                                | 2.02      | 2.26           | 1.13             | 3.23  | 3.23 ac-ft                | 3658.5                                | 0.86      | 0.89           | 0.45             | 2.03  | 2.03 ac-ft                |