

| Manhole Name | Cover Level (m) | MH Depth (m) | Manhole Dia (mm) | Pipe Number | Pipe Out Invert Level (m) | Pipe Out Dia (mm) | Pipes In Invert Level (m) | Pipes In Dia (mm) | Backdrop (mm) | Comments |
|--------------|-----------------|--------------|------------------|-------------|---------------------------|-------------------|---------------------------|-------------------|---------------|----------|
| SW MH1       | 18.35           | 2.444        | 1200             | 51.000      | 15.900                    | 300               |                           |                   |               |          |
| SW MH2       | 17              | 1.175        | 1200             | 52.000      | 15.825                    | 300               |                           |                   |               |          |
| SW MH3       | 17.25           | 1.591        | 1200             | 52.000      | 15.659                    | 300               | 15.659                    | 300               |               |          |
| SW MH4       | 18.2            | 1.5          | 1200             | 53.000      | 16.7                      | 300               |                           |                   |               |          |
| SW MH5       | 18.2            | 1.626        | 1200             | 53.000      | 16.574                    | 300               | 16.574                    | 300               |               |          |
| SW MH6       | 18              | 1.665        | 1200             | 53.000      | 16.335                    | 300               | 16.335                    | 300               |               |          |
| SW MH7       | 17.5            | 1.349        | 1200             | 53.000      | 16.151                    | 300               | 16.151                    | 300               |               |          |
| SW MH8       | 17.5            | 1.975        | 1200             | 52.000      | 15.525                    | 300               | 15.525                    | 300               |               |          |
| SW MH9       | 18.2            | 1.425        | 1200             | 54.000      | 16.775                    | 225               |                           |                   |               |          |
| SW MH10      | 18.2            | 1.898        | 1200             | 54.000      | 16.302                    | 225               | 16.302                    | 225               |               |          |
| SW MH11      | 18              | 1.981        | 1200             | 54.000      | 16.019                    | 225               | 16.019                    | 225               |               |          |
| SW MH12      | 18              | 2.636        | 1350             | 51.000      | 15.364                    | 375               | 15.853                    | 300               | 489           |          |
|              |                 |              |                  |             |                           |                   | 15.364                    | 300               |               |          |
|              |                 |              |                  |             |                           |                   | 15.878                    | 225               | 439           |          |
| SW MH13      | 18              | 2.724        | 1350             | 51.000      | 15.276                    | 375               | 15.331                    | 375               |               |          |
| SW MH14      | 18              | 2.737        | 1350             | 51.000      | 15.287                    | 375               | 15.263                    | 375               |               |          |
| SW MH15      | 17.6            | 1.45         | 1200             | 55.000      | 16.15                     | 225               |                           |                   |               |          |
| SW MH16      | 18.2            | 2.586        | 1200             | 55.000      | 15.614                    | 225               | 15.614                    | 225               |               |          |
| SW MH17      | 17.75           | 2.627        | 1350             | 51.000      | 15.123                    | 375               | 15.123                    | 375               |               |          |
| SW MH18      | 17.75           | 2.646        | 1350             | 51.000      | 15.104                    | 375               | 15.104                    | 375               |               |          |
| SW MH19      | 17.6            | 2.523        | 0                | OUTFALL     | 15.077                    | 375               |                           |                   |               |          |
| SW MHD19     | 16.8            | 0.6          | 1200             | 56.000      | 16.2                      | 150               |                           |                   |               |          |
| SW MHD19     | 16.8            | 0.628        | 1200             | 56.000      | 16.172                    | 150               | 16.172                    | 150               |               |          |
| SW MHD20     | 16.8            | 1.425        | 1200             | 56.000      | 15.375                    | 150               | 16.143                    | 150               | 768           |          |
| SW MHD20     | 16.6            | 0.6          | 1200             | 57.000      | 16                        | 150               |                           |                   |               |          |
| SW MHD20     | 16.6            | 0.626        | 1200             | 57.000      | 15.974                    | 150               | 15.974                    | 150               |               |          |
| SW MHD20     | 16.6            | 1.542        | 1200             | 56.000      | 15.108                    | 150               | 15.108                    | 150               | 50            |          |
|              |                 |              |                  |             |                           |                   | 15.949                    | 150               | 891           |          |
| SW MHD21     | 16.6            | 0.6          | 1200             | 58.000      | 16                        | 150               |                           |                   |               |          |
| SW MHD21     | 16.7            | 0.717        | 1200             | 58.000      | 15.983                    | 150               | 15.983                    | 150               |               |          |
| SW MHD21     | 16.8            | 1.35         | 1200             | 58.000      | 15.485                    | 150               | 15.967                    | 150               | 517           |          |
| SW MHD22     | 17              | 0.7          | 1200             | 59.000      | 16.3                      | 150               |                           |                   |               |          |
| SW MHD22     | 16.95           | 0.675        | 1200             | 59.000      | 16.275                    | 150               | 16.275                    | 150               |               |          |
| SW MHD22     | 16.9            | 1.539        | 1200             | 58.000      | 15.361                    | 150               | 15.361                    | 150               |               |          |
|              |                 |              |                  |             |                           |                   | 16.251                    | 150               | 890           |          |
| SW MHD23     | 17.1            | 0.6          | 1200             | 510.00      | 16.5                      | 150               |                           |                   |               |          |
| SW MHD23     | 17.05           | 0.577        | 1200             | 510.00      | 16.473                    | 150               | 16.473                    | 150               |               |          |
| SW MHD23     | 17              | 1.932        | 1200             | 58.000      | 15.068                    | 225               | 15.143                    | 150               |               |          |
|              |                 |              |                  |             |                           |                   | 16.447                    | 150               | 1304          |          |
| SW MHD24     | 16.7            | 0.6          | 1200             | 511.00      | 16.1                      | 150               |                           |                   |               |          |
| SW MHD24     | 16.7            | 0.639        | 1200             | 511.00      | 16.061                    | 150               | 16.061                    | 150               |               |          |
| SW MHD24.1   | 16.8            | 0.6          | 1200             | 512.00      | 16.2                      | 150               |                           |                   |               |          |
| SW MHD24.1   | 16.75           | 0.579        | 1200             | 512.00      | 16.171                    | 150               | 16.171                    | 150               |               |          |
| SW MHD24.1   | 16.7            | 1.842        | 1200             | 58.000      | 14.858                    | 225               | 14.858                    | 225               |               |          |
|              |                 |              |                  |             |                           |                   | 16.021                    | 150               | 1088          |          |
|              |                 |              |                  |             |                           |                   | 16.142                    | 150               | 1209          |          |
| SW MH25      | 16.4            | 1.918        | 1350             | 56.000      | 14.482                    | 375               | 14.632                    | 150               |               |          |
|              |                 |              |                  |             |                           |                   | 14.607                    | 225               |               |          |
| SW MHD26     | 16.62           | 0.6          | 1200             | 513.00      | 16.02                     | 150               |                           |                   |               |          |
| SW MHD26     | 16.62           | 0.639        | 1200             | 513.00      | 15.981                    | 150               | 15.981                    | 150               |               |          |
| SW MH26      | 16.62           | 2.253        | 1350             | 56.000      | 14.367                    | 375               | 14.367                    | 375               |               |          |
|              |                 |              |                  |             |                           |                   | 15.942                    | 150               | 1350          |          |
| SW MH27      | 16.75           | 2.575        | 1350             | 56.000      | 14.175                    | 375               | 14.25                     | 375               | 75            |          |
| SW MHD28     | 16.4            | 0.6          | 1200             | 514.00      | 15.8                      | 150               |                           |                   |               |          |
| SW MHD28     | 16.49           | 0.734        | 1200             | 514.00      | 15.756                    | 150               | 15.756                    | 150               |               |          |
| SW MH28      | 16.58           | 2.502        | 1350             | 56.000      | 14.078                    | 375               | 14.078                    | 375               |               |          |
| SW MH29      | 16.45           | 2.43         | 1350             | 56.000      | 14.02                     | 375               | 15.713                    | 150               | 1409          |          |
| SW MHD30     | 15.89           | 0.6          | 1200             | 515.00      | 15.29                     | 150               |                           |                   |               |          |
| SW MHD30     | 15.945          | 0.706        | 1200             | 515.00      | 15.239                    | 150               | 15.239                    | 150               |               |          |
| SW MH30      | 16              | 2.216        | 1350             | 56.000      | 13.784                    | 375               | 13.784                    | 375               |               |          |
|              |                 |              |                  |             |                           |                   | 15.188                    | 150               | 1179          |          |
| SW MH31      | 17.2            | 1.425        | 1200             | 516.00      | 15.775                    | 150               |                           |                   |               |          |
| SW MH32      | 17.35           | 1.425        | 1200             | 517.00      | 15.925                    | 225               |                           |                   |               |          |
| SW MH33      | 17              | 1.794        | 1200             | 517.00      | 15.206                    | 225               | 15.206                    | 225               |               |          |
| SW MH34      | 16.5            | 1.871        | 1200             | 516.00      | 14.629                    | 225               | 14.704                    | 150               |               |          |
|              |                 |              |                  |             |                           |                   | 14.704                    | 225               | 75            |          |
| SW MH35      | 16              | 2.45         | 1350             | 56.000      | 13.55                     | 375               | 13.555                    | 375               | 5             |          |
|              |                 |              |                  |             |                           |                   | 13.75                     | 225               | 50            |          |
| SW MH36      | 16.5            | 1.35         | 1200             | 518.00      | 15.15                     | 150               |                           |                   |               |          |
| SW MH37      | 15.8            | 1.425        | 1200             | 518.00      | 14.275                    | 150               | 14.375                    | 150               |               |          |
| SW MH38      | 15.44           | 2.012        | 1350             | 56.000      | 13.428                    | 375               | 13.428                    | 375               |               |          |
|              |                 |              |                  |             |                           |                   | 13.703                    | 150               | 50            |          |
| SW MH        | 15.4            | 2.09         | 0                | OUTFALL     |                           |                   | 13.31                     | 375               |               |          |
| SW MHD39     | 16.75           | 0.6          | 1200             | 519.00      | 16.15                     | 150               |                           |                   |               |          |
| SW MHD39     | 16.75           | 0.632        | 1200             | 519.00      | 16.118                    | 150               | 16.118                    | 150               |               |          |
| SW MH39      | 16.75           | 1.5          | 1200             | 519.00      | 15.25                     | 150               | 16.086                    | 150               | 836           |          |
| SW MHD40     | 16.58           | 0.58         | 1200             | 520.00      | 16                        | 150               |                           |                   |               |          |
| SW MHD40     | 16.59           | 0.612        | 1200             | 520.00      | 15.978                    | 150               | 15.978                    | 150               |               |          |
| SW MH40      | 16.6            | 1.663        | 1200             | 519.00      | 14.937                    | 150               | 14.987                    | 150               | 50            |          |
|              |                 |              |                  |             |                           |                   | 15.956                    | 150               | 1019          |          |
| SW MHD41     | 16.6            | 0.6          | 1200             | 521.00      | 16                        | 150               |                           |                   |               |          |
| SW MH41      | 16.53           | 0.566        | 1200             | 521.00      | 15.964                    | 150               | 15.964                    | 150               |               |          |
| SW MH41      | 16.46           | 1.744        | 1200             | 519.00      | 14.716                    | 225               | 14.782                    | 150               |               |          |
|              |                 |              |                  |             |                           |                   | 15.927                    | 150               | 1137          |          |
| SW MHD42     | 17.2            | 0.6          | 1200             | 522.00      | 16.6                      | 150               |                           |                   |               |          |
| SW MHD42     | 17.2            | 0.635        | 1200             | 522.00      | 16.565                    | 150               | 16.565                    | 150               |               |          |
| SW MH42      | 17.2            | 1.35         | 1200             | 522.00      | 15.85                     | 150               | 16.53                     | 150               | 680           |          |
| SW MH43      | 17.2            | 1.944        | 1200             | 522.00      | 15.266                    | 225               | 15.503                    | 150               | 172           |          |
| SW MHD44     | 16.9            | 0.6          | 1200             | 523.00      | 16.3                      | 150               |                           |                   |               |          |
| SW MHD44     | 16.85           | 0.585        | 1200             | 523.00      | 16.265                    | 150               | 16.265                    | 150               |               |          |
| SW MH44      | 16.8            | 1.35         | 1200             | 523.00      | 15.45                     | 150               | 16.231                    | 150               | 781           |          |
| SW MHD45     | 17.05           | 0.6          | 1200             | 524.00      | 16.45                     | 150               |                           |                   |               |          |
| SW MH45      | 17.125          | 0.724        | 1200             | 524.00      | 16.401                    | 150               | 16.401                    | 150               |               |          |
|              |                 |              |                  |             |                           |                   | 15.164                    | 225               | 551           |          |
|              |                 |              |                  |             |                           |                   | 15.026                    | 150               | 338           |          |
|              |                 |              |                  |             |                           |                   | 16.331                    | 150               | 1663          |          |
| SW MHD46     | 17              | 0.6          | 1200             | 525.00      | 16.4                      | 150               |                           |                   |               |          |
| SW MHD46     | 17              | 0.638        | 1200             | 525.00      | 16.362                    | 150               | 16.362                    | 150               |               |          |
| SW MH46      | 17              | 2.606        | 1200             | 522.00      | 14.455                    | 300               | 14.394                    | 300               |               |          |
|              |                 |              |                  |             |                           |                   | 16.324                    | 150               | 1719          |          |
| SW MHD47     | 17.18           | 0.58         | 1200             | 526.00      | 16.6                      | 150               |                           |                   |               |          |
| SW MHD47     | 17.09           | 0.513        | 1200             | 526.00      | 16.577                    | 150               | 16.577                    | 150               |               |          |
| SW MH47      | 17              | 2.591        | 1200             | 522.00      | 14.409                    | 300               | 14.409                    | 300               |               |          |
|              |                 |              |                  |             |                           |                   | 16.554                    | 150               | 1995          |          |
| SW MH-Swale1 | 16.25           | 0.65         | 1200             | 527.00      | 15.6                      | 150               |                           |                   |               |          |
| SW MH48      | 16.25           | 2.373        | 1200             | 519.00      | 13.877                    | 300               | 14.507                    | 225               | 555           |          |
|              |                 |              |                  |             |                           |                   | 13.877                    | 300               |               |          |
|              |                 |              |                  |             |                           |                   | 15.522                    | 150               | 1495          |          |
| SW MH-Swale2 | 16.125          | 0.625        | 1200             | 528.00      | 15.5                      | 150               |                           |                   |               |          |
| SW MH49      | 16.125          | 2.453        | 1350             | 519.00      | 13.672                    | 375               | 13.747                    | 300               |               |          |
|              |                 |              |                  |             |                           |                   | 15.44                     | 150               | 1542          |          |
| SW MH-Swale3 | 15              | 0.6          | 1200             | 529.00      | 14.4                      | 150               |                           |                   |               |          |
| SW MHD50     | 14.8            | 0.6          | 1200             | 530.00      | 14.2                      | 150               |                           |                   |               |          |
| SW MHD50     | 14.738          | 0.559        | 1200             | 530.00      | 14.179                    | 150               | 14.179                    | 150               |               |          |
| SW MH50      | 14.675          | 1.075        | 1350             | 519.00      | 13.618                    | 300               |                           |                   |               |          |
|              |                 |              |                  |             |                           |                   | 14.333                    | 150               | 565           |          |
|              |                 |              |                  |             |                           |                   | 14.158                    | 150               | 990           |          |
| SW MHD51.1   | 16.6            | 0.6          | 1200             | 531.00      | 16                        | 150               |                           |                   |               |          |
| SW MHD51.1   | 16.8            | 0.842        | 1200             | 531.00      | 15.958                    | 150               | 15.958                    | 150               |               |          |
| SW MHD51     | 16.85           | 0.6          | 1200             | 532.00      | 16.25                     | 150               |                           |                   |               |          |
| SW MHD51     | 16.925          | 0.705        | 1200             | 532.00      | 16.22                     | 150               | 16.22                     | 150               |               |          |
| SW MH51      | 17              | 1.425        | 1200             | 531.00      | 15.975                    | 150               | 15.917                    | 150               | 342           |          |
|              |                 |              |                  |             |                           |                   | 16.189                    | 150               | 614           |          |

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|--------------|-----------------|--------------|------------------|-------------|---------------------------|-------------------|---------------------------|-------------------|---------------|----------|
| SW MHD52     | 16.8            | 0.6          | 1200             | 533.00      | 16.3                      | 150               |                           |                   |               |          |
| SW MHD52     | 16.7            | 0.241        | 1200             | 533.00      | 16.159                    | 150               | 16.159                    | 150               |               |          |
| SW MH52      | 16.6            | 1.889        | 1200             | 531.00      | 14.711                    | 150               | 14.761                    | 150               | 50            |          |
|              |                 |              |                  |             |                           |                   | 16.117                    | 150               | 1406          |          |
| SW MH53      | 16.575          | 1            | 1200             | 534.00      | 15.575                    | 150               |                           |                   |               |          |
| SW MHD54     | 16.12           | 0.52         | 1200             | 535.00      | 15.6                      | 150               |                           |                   |               |          |
| SW MHD54     | 16.16           | 0.628        | 1200             | 535.00      | 15.542                    | 150               | 15.542                    | 150               |               |          |
| SW MH54      | 16.2            | 2.12         | 1200             | 531.00      | 14.08                     | 225               | 14.155                    | 150               |               |          |
|              |                 |              |                  |             |                           |                   | 15.464                    | 150               | 1309          |          |
|              |                 |              |                  |             |                           |                   | 13.419                    | 225               | 751           |          |
| SW MH55      | 14.43           | 1.011        | 1200             | 531.00      | 13.419                    | 225               | 13.419                    | 225               |               |          |
| SW MH56      | 16.25           | 2.25         | 1200             | 536.00      | 14                        | 150               |                           |                   |               |          |
| SW MH57      | 14.7            | 2.455        | 1350             | 519.00      | 12.245                    | 450               | 13.574                    |                   |               |          |