

**BURBAGE WATER NETWORK**

| MH No.            | MANHOLE DIMENSION (mm) | MANHOLE TYPE | COVER TYPE | COVER LEVEL (m) | INVERT LEVEL (m) | DEPTH TO SOFFIT (m) | EASTING (m) | NORTHING (m) |
|-------------------|------------------------|--------------|------------|-----------------|------------------|---------------------|-------------|--------------|
| R11A Basin 1 HW1  | 1200Ø                  | HEADWALL     |            | 63.100          | 61.700           | 0.800               | 482796.112  | 167655.776   |
| R11A Basin 1 HW O | 1200Ø                  | HEADWALL     |            | 63.100          | 61.750           | 0.900               | 482789.231  | 167661.213   |
| R11A Basin 2 HW1  | 1200Ø                  | HEADWALL     |            | 63.100          | 61.700           | 0.950               | 482805.384  | 167682.018   |
| R11A Basin 2 HW2  | 1200Ø                  | HEADWALL     |            | 63.100          | 61.700           | 1.175               | 482801.506  | 167684.647   |
| R11A Basin 2 HW O | 1200Ø                  | HEADWALL     |            | 63.100          | 61.700           | 0.950               | 482817.459  | 167720.551   |
| R11A O/F          | 1200Ø                  | HEADWALL     |            | 63.262          | 61.404           | 1.708               | 482820.137  | 167737.881   |
| R11A SW122        | 1200Ø                  | Type B       |            | 66.223          | 64.223           | 1.700               | 482927.714  | 167670.729   |
| R11A SW123        | 1200Ø                  | Type B       |            | 65.571          | 63.300           | 1.971               | 482892.289  | 167660.888   |
| R11A SW124        | 1200Ø                  | Type B       |            | 65.398          | 62.250           | 2.848               | 482883.109  | 167655.538   |
| R11A SW125        | 1500Ø                  | Type B       |            | 65.314          | 61.842           | 2.872               | 482862.440  | 167639.988   |
| R11A SW126        | 1500Ø                  | Type B       |            | 65.089          | 61.821           | 2.668               | 482853.684  | 167647.749   |
| R11A SW127        | 1500Ø                  | Type B       |            | 64.855          | 61.798           | 2.457               | 482842.099  | 167653.049   |
| R11A SW134        | 1500Ø                  | Type B       |            | 64.526          | 61.764           | 2.162               | 482825.037  | 167659.739   |
| R11A SW135        | 1500Ø                  | Type B       |            | 64.178          | 61.728           | 1.850               | 482806.701  | 167667.227   |
| R11A SW138        | 1200Ø                  | Type C       |            | 63.609          | 62.056           | 1.328               | 482777.951  | 167683.082   |
| R11A SW139        | 1200Ø                  | Type B       |            | 63.925          | 61.770           | 1.930               | 482791.701  | 167675.882   |
| R11A SW142-CC*    | 1200Ø                  | Type B       |            | 63.262          | 61.510           | 1.602               | 482819.476  | 167731.622   |
| R11C SW175        | 1200Ø                  | Type B       |            | 66.237          | 64.434           | 1.503               | 482974.590  | 167693.545   |
| R11C HW1          | 1200Ø                  | HEADWALL     |            | 63.600          | 61.190           | 1.660               | 482947.555  | 167793.342   |
| R11C HWO          | 1200Ø                  | HEADWALL     |            | 63.600          | 61.000           | 2.000               | 482927.834  | 167805.171   |
| R11C SW162        | 1500Ø                  | Type C       |            | 65.034          | 63.200           | 1.384               | 483107.083  | 167796.959   |
| R11C SW169        | 1800Ø                  | Type C       |            | 64.534          | 63.053           | 1.256               | 483115.511  | 167825.156   |
| R11C SW170        | 1500Ø                  | Type B       |            | 64.919          | 62.617           | 1.777               | 483104.900  | 167803.340   |
| R11C SW171        | 1500Ø                  | Type B       |            | 64.732          | 62.584           | 1.623               | 483091.381  | 167803.694   |
| R11C SW172        | 1800Ø                  | Type B       |            | 64.546          | 62.547           | 1.474               | 483077.479  | 167809.645   |
| R11C SW176        | 1200Ø                  | Type B       |            | 65.894          | 64.092           | 1.502               | 482989.273  | 167708.919   |
| R11C SW177        | 1350Ø                  | Type B       |            | 65.725          | 63.819           | 1.531               | 482997.174  | 167716.316   |
| R11C SW178        | 1500Ø                  | Type B       |            | 65.275          | 62.128           | 2.397               | 483023.434  | 167737.626   |
| R11C SW179        | 1500Ø                  | Type B       |            | 65.094          | 62.231           | 2.188               | 483032.777  | 167748.223   |
| R11C SW180        | 1500Ø                  | Type B       |            | 64.893          | 62.262           | 1.956               | 483040.584  | 167761.432   |
| R11C SW181        | 1800Ø                  | Type C       |            | 64.388          | 62.349           | 1.364               | 483058.907  | 167800.864   |
| R11C SW182        | 1800Ø                  | Type C       |            | 64.433          | 62.447           | 1.386               | 483067.639  | 167808.079   |
| R11C SW197        | 1500Ø                  | Type B       |            | 65.793          | 62.008           | 3.035               | 482983.636  | 167747.762   |
| R11C SW198        | 1500Ø                  | Type B       |            | 65.413          | 61.988           | 2.675               | 482976.929  | 167755.400   |
| R11C SW199        | 1500Ø                  | Type B       |            | 65.306          | 61.974           | 2.582               | 482979.749  | 167759.753   |
| R11C SW200        | 1500Ø                  | Type B       |            | 64.875          | 61.251           | 2.874               | 482984.371  | 167779.495   |
| R11C SW392        | 1500Ø                  | Type B       |            | 65.122          | 61.960           | 2.412               | 482981.575  | 167769.653   |
| R11C SW405        | 1500Ø                  | Type B       |            | 65.621          | 62.073           | 2.798               | 483004.262  | 167722.011   |
| R11C SW169A       | 1800Ø                  | Type B       |            | 64.858          | 62.863           | 1.695               | 483107.103  | 167807.869   |
| R11C SW181A       | 1200Ø                  | Type B       |            | 64.538          | 62.319           | 1.544               | 483052.576  | 167787.239   |
| R11C SW181B       | 1500Ø                  | Type C       |            | 64.747          | 63.386           | 1.136               | 483060.341  | 167784.372   |
| R11C SW223-CC*    | 1500Ø                  | Type B       |            | 62.817          | 60.840           | 1.752               | 482918.625  | 167812.200   |
| R11C outfall      | 1200Ø                  | HEADWALL     |            | 62.500          | 60.720           | 1.555               | 482906.732  | 167829.168   |

\* Denotes Control Manholes

**FOUL WATER NETWORK**

| MH No.   | MANHOLE DIMENSION (mm) | MANHOLE TYPE | COVER TYPE | COVER LEVEL (m) | INVERT LEVEL (m) | DEPTH TO SOFFIT (m) | EASTING (m) | NORTHING (m) |
|----------|------------------------|--------------|------------|-----------------|------------------|---------------------|-------------|--------------|
| F-10-34  | 1200Ø                  | Type A       |            | 64.518          | 60.079           | 4.214               | 483119.638  | 167828.522   |
| F-11-16A | 1200Ø                  | Type B       |            | 65.337          | 62.602           | 2.510               | 482863.085  | 167642.553   |
| F-11-16  | 1200Ø                  | Type B       |            | 65.423          | 62.360           | 2.838               | 482865.996  | 167638.792   |
| F-11-17  | 1200Ø                  | Type B       |            | 65.083          | 62.690           | 2.168               | 482851.583  | 167651.973   |
| F-11-18  | 1200Ø                  | Type B       |            | 64.632          | 62.840           | 1.567               | 482827.901  | 167661.653   |
| F-11-63  | 1200Ø                  | Type A       |            | 66.340          | 61.556           | 4.559               | 482975.064  | 167690.100   |
| F-11-64  | 1200Ø                  | Type A       |            | 66.622          | 61.777           | 4.620               | 482946.620  | 167673.174   |
| F-11-66  | 1200Ø                  | Type A       |            | 65.574          | 62.169           | 3.180               | 482890.103  | 167657.186   |
| F-11-250 | 1200Ø                  | Type A       |            | 64.984          | 60.205           | 4.554               | 483107.202  | 167800.946   |
| F-11-264 | 1200Ø                  | Type A       |            | 65.822          | 61.343           | 4.254               | 482997.384  | 167713.047   |
| F-11-265 | 1200Ø                  | Type A       |            | 65.512          | 61.202           | 4.085               | 483013.524  | 167726.592   |
| F-11-266 | 1200Ø                  | Type A       |            | 65.257          | 61.060           | 3.972               | 483029.694  | 167740.489   |
| F-11-267 | 1200Ø                  | Type A       |            | 64.990          | 60.914           | 3.851               | 483042.301  | 167758.388   |
| F-11-268 | 1200Ø                  | Type A       |            | 64.440          | 60.595           | 3.620               | 483062.391  | 167801.816   |
| F-11-269 | 1200Ø                  | Type A       |            | 64.524          | 60.531           | 3.768               | 483070.702  | 167806.505   |
| F-11-278 | 1200Ø                  | Type B       |            | 65.345          | 62.587           | 2.608               | 482975.618  | 167756.182   |
| F-11-344 | 1200Ø                  | Type A       |            | 64.808          | 60.382           | 4.201               | 483092.089  | 167801.401   |
| F-11-345 | 1200Ø                  | Type A       |            | 64.626          | 60.481           | 3.920               | 483078.280  | 167806.885   |
| F-11-394 | 1200Ø                  | Type B       |            | 64.909          | 62.434           | 2.325               | 482981.551  | 167778.388   |
| F-11-396 | 1200Ø                  | Type A       |            | 66.557          | 61.648           | 4.684               | 482964.169  | 167681.773   |

© ABLEY LETCHFORD PARTNERSHIP LTD.  
This drawing should not be reproduced without consent.

**GENERAL DRAINAGE NOTES:**

- All sewers to comply with the requirements of the water authorities publication "Design and Construction Guidance, Version 2.1" together with Independent Water Network Addendum.
- All public sewers are to be the subject of a Section 104 agreement of the Water Industry Act 1991.
- Invert levels of existing manholes and sewers are to be checked on site before construction commences and results reported to engineers.
- All manhole ironworks to comply with BS EN124, and be stamped with BSI Kitemark. Covers to suit loading as below;
  - Carriageways and Roads - E600
  - Driveways and Verges - C250
  - Footways and Pedestrian Areas - B125
  - Gardens/Landscaping - A15

Manhole cover levels are derived from a 3D digital terrain model, final cover levels to suit finished surfaces onsite.

Manhole covers to be located wholly within one surface i.e grass or hard standing/road. Manhole covers are to be fully accessible to users.

|  |                                                                   |  |                                                                    |
|--|-------------------------------------------------------------------|--|--------------------------------------------------------------------|
|  | COVER<br>I A 61.75m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.821m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |
|  | COVER<br>I A 61.70m<br>N B<br>V C<br>E D<br>R D<br>T E<br>Unknown |  | COVER<br>I A 61.798m<br>N B<br>V C                                 |