

|                                                                                                                              |  |                                                                                                                  |             |                                                                                    |              |
|------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br><b>19/01/2026</b>                                                                                       |             |  |              |
|                                                                                                                              |  | Designed by:<br><b>KGB</b>                                                                                       | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Junctions<br>Storm Phase: Proposed SW                                                               |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley. L33 7UY</b> |             |                                                                                    |              |

| Name       | Junction Type | Easting (m) | Northing (m) | Cover Level (m) | Depth (m) | Invert Level (m) | Sump Depth (m) | Chamber Shape |
|------------|---------------|-------------|--------------|-----------------|-----------|------------------|----------------|---------------|
| IC02       | Manhole       | 388636.751  | 400120.061   | 87.074          | 1.300     | 85.774           | 0.000          | Circular      |
| MH01C      | Manhole       | 388645.441  | 400120.002   | 86.978          | 2.093     | 84.885           | 0.000          | Circular      |
| IC04       | Manhole       | 388638.404  | 400135.404   | 86.907          | 1.260     | 85.647           | 0.000          | Circular      |
| IC01B      | Manhole       | 388657.730  | 400121.214   | 86.840          | 1.135     | 85.705           | 0.000          | Circular      |
| MH01D      | Manhole       | 388645.612  | 400135.962   | 86.836          | 2.154     | 84.682           | 0.000          | Circular      |
| IC03C      | Manhole       | 388656.809  | 400136.694   | 86.760          | 1.668     | 85.092           | 0.000          | Circular      |
| IC01A      | Manhole       | 388672.506  | 400122.801   | 86.708          | 0.779     | 85.929           | 0.000          | Circular      |
| MH01E      | Manhole       | 388643.484  | 400138.541   | 86.707          | 2.036     | 84.671           | 0.000          | Circular      |
| IC10       | Manhole       | 388635.201  | 400153.286   | 86.619          | 0.529     | 86.090           | 0.000          | Circular      |
| IC13A      | Manhole       | 388631.735  | 400166.547   | 86.507          | 0.707     | 85.800           | 0.000          | Circular      |
| IC03B      | Manhole       | 388674.062  | 400137.227   | 86.503          | 1.163     | 85.340           | 0.000          | Circular      |
| MH01F      | Manhole       | 388643.217  | 400153.277   | 86.482          | 1.860     | 84.622           | 0.000          | Circular      |
| IC01       | Manhole       | 388686.018  | 400124.217   | 86.462          | 0.397     | 86.065           | 0.000          | Circular      |
| IC13B      | Manhole       | 388640.632  | 400166.700   | 86.437          | 0.787     | 85.650           | 0.000          | Circular      |
| RG04       | Manhole       | 388635.703  | 400144.063   | 86.405          | 0.705     | 85.700           | 0.000          | Circular      |
| IC03A      | Manhole       | 388685.531  | 400137.327   | 86.381          | 0.931     | 85.450           | 0.000          | Circular      |
| MH09       | Manhole       | 388659.003  | 400153.109   | 86.293          | 1.618     | 84.675           | 0.000          | Circular      |
| MH01G      | Manhole       | 388643.082  | 400167.885   | 86.259          | 1.676     | 84.583           | 0.000          | Circular      |
| RG03       | Manhole       | 388667.548  | 400145.080   | 86.172          | 0.772     | 85.400           | 0.000          | Circular      |
| MH11       | Manhole       | 388651.963  | 400167.817   | 86.133          | 1.506     | 84.628           | 0.000          | Circular      |
| MH09A      | Manhole       | 388674.186  | 400153.213   | 86.122          | 1.371     | 84.751           | 0.000          | Circular      |
| MH11A      | Manhole       | 388668.611  | 400167.878   | 86.120          | 1.409     | 84.711           | 0.000          | Circular      |
| MH09B      | Manhole       | 388682.891  | 400153.242   | 86.093          | 1.198     | 84.895           | 0.000          | Circular      |
| RG02       | Manhole       | 388686.666  | 400145.283   | 86.076          | 0.576     | 85.500           | 0.000          | Circular      |
| MH12 (HB)  | Manhole       | 388633.367  | 400167.991   | 86.053          | 1.670     | 84.383           | 0.200          | Circular      |
| RG01       | Manhole       | 388688.256  | 400145.446   | 86.052          | 0.552     | 85.500           | 0.000          | Circular      |
| RG05       | Manhole       | 388649.374  | 400167.153   | 85.986          | 0.686     | 85.300           | 0.000          | Circular      |
| MH13 (DC1) | Manhole       | 388627.164  | 400168.014   | 85.945          | 1.544     | 84.401           | 0.000          | Circular      |
| Ex. MH1    | Manhole       | 388623.197  | 400175.296   | 85.873          | 1.555     | 84.318           | 0.000          | Circular      |
| MH11B      | Manhole       | 388684.374  | 400167.959   | 86.150          | 1.192     | 84.958           | 0.000          | Circular      |

| Name  | Diameter (m) | Part Family                                             | Lock |
|-------|--------------|---------------------------------------------------------|------|
| IC02  | 0.600        | SFA7 - Type3<br>- Circ Rigid<br>(Light Loads)<br>(B.19) | None |
| MH01C | 1.200        | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |
| IC04  | 0.600        | SFA7 - Type3<br>- Circ Rigid<br>(Light Loads)<br>(B.19) | None |
| IC01B | 0.600        | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |
| MH01D | 1.500        | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |
| IC03C | 0.600        | SFA7 - Type3<br>- Circ Rigid<br>(Light Loads)<br>(B.19) | None |
| IC01A | 0.600        | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |
| MH01E | 1.500        | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |
| IC10  | 0.600        | SFA7 - Type3<br>- Circ Rigid<br>(Light Loads)<br>(B.19) | None |

|                                                                                                                       |  |                                                                                             |                     |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|---------------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |                     |
| Report Details:<br>Type: Junctions<br>Storm Phase: Proposed SW                                                        |  | Designed by:<br>KGB                                                                         | Checked by:<br><br> |
|                                                                                                                       |  | Approved By:<br><br>                                                                        |                     |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |                     |



|            |       |                                                         |      |
|------------|-------|---------------------------------------------------------|------|
| IC13A      | 0.600 | SFA7 - Type3<br>- Circ Rigid<br>(Light Loads)<br>(B.19) | None |
| IC03B      | 0.600 | SFA7 - Type3<br>- Circ Rigid<br>(Light Loads)<br>(B.19) | None |
| MH01F      | 1.500 | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |
| IC01       | 0.600 | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |
| IC13B      | 0.600 | SFA7 - Type3<br>- Circ Rigid<br>(Light Loads)<br>(B.19) | None |
| RG04       | 0.450 | Road gulley<br>150mm<br>trapped outlet                  | None |
| IC03A      | 0.600 | SFA7 - Type3<br>- Circ Rigid<br>(Light Loads)<br>(B.19) | None |
| MH09       | 0.900 | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |
| MH01G      | 1.500 | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |
| RG03       | 0.450 | Road gulley<br>150mm<br>trapped outlet                  | None |
| MH11       | 1.200 | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |
| MH09A      | 0.900 | SFA7 - Type3<br>- Circ Rigid<br>(Light Loads)<br>(B.19) | None |
| MH11A      | 1.200 | SFA7 - Type3<br>- Circ Rigid<br>(Light Loads)<br>(B.19) | None |
| MH09B      | 0.900 | SFA7 - Type3<br>- Circ Rigid<br>(Light Loads)<br>(B.19) | None |
| RG02       | 0.450 | Road gulley<br>150mm<br>trapped outlet                  | None |
| MH12 (HB)  | 1.200 | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |
| RG01       | 0.450 | Road gulley<br>150mm<br>trapped outlet                  | None |
| RG05       | 0.450 | Road gulley<br>150mm<br>trapped outlet                  | None |
| MH13 (DC1) | 1.200 | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |
| Ex. MH1    | 1.200 | Cylindrical<br>Junction<br>Structure NF<br>SI           | None |

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
|                                                                                                                       |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Junctions<br>Storm Phase: Proposed SW                                                        |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |

|       |       |                                                         |      |
|-------|-------|---------------------------------------------------------|------|
| MH11B | 1.200 | SFA7 - Type3<br>- Circ Rigid<br>(Light Loads)<br>(B.19) | None |
|-------|-------|---------------------------------------------------------|------|

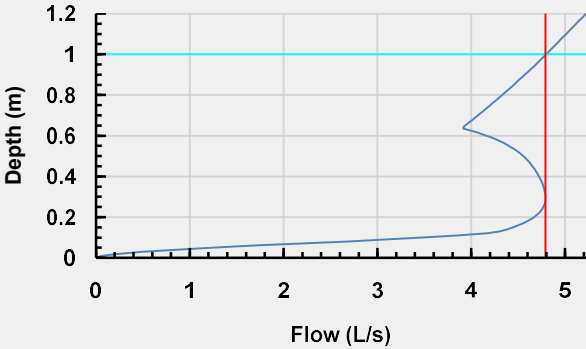
|        |  |
|--------|--|
| Inlets |  |
|--------|--|

|                                                                                                                              |  |                                                                                             |             |                                                                                    |              |
|------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Junctions<br>Storm Phase: Proposed SW                                                               |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                              |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |

| Junction   | Inlet Name | Incoming Item(s)                  | Bypass Destination | Capacity Type  |
|------------|------------|-----------------------------------|--------------------|----------------|
| IC02       | Inlet      | Catchment Area IC02               | (None)             | No Restriction |
| MH01C      | Inlet      | 1.002                             | (None)             | No Restriction |
|            | Inlet (1)  | 2.000                             | (None)             | No Restriction |
| IC04       | Inlet      | Catchment Area IC04               | (None)             | No Restriction |
|            | Inlet (1)  | D1 Outfall                        | (None)             | No Restriction |
| IC01B      | Inlet      | 1.001                             | (None)             | No Restriction |
|            | Inlet (1)  | Catchment Area IC01B              | (None)             | No Restriction |
| MH01D      | Inlet      | 1.003<br>E1 Outfall               | (None)             | No Restriction |
|            | Inlet (1)  | 3.002                             | (None)             | No Restriction |
|            | Inlet (3)  | 4.000                             | (None)             | No Restriction |
| IC03C      | Inlet      | Catchment Area IC03C              | (None)             | No Restriction |
|            | Inlet (1)  | 3.001                             | (None)             | No Restriction |
|            | Inlet (2)  | F1 Outfall<br>E2 Outfall          | (None)             | No Restriction |
| IC01A      | Inlet      | 1.000                             | (None)             | No Restriction |
|            | Inlet (1)  | Catchment Area IC01A              | (None)             | No Restriction |
| MH01E      | Inlet      | 1.004                             | (None)             | No Restriction |
|            | Inlet (1)  | 8.000<br>D2 Outfall               | (None)             | No Restriction |
| IC10       | Inlet      | Catchment Area IC10               | (None)             | No Restriction |
|            | Inlet (1)  | A2 Outfall                        | (None)             | No Restriction |
| IC13A      | Inlet      | A1 Outfall                        | (None)             | No Restriction |
|            | Inlet (1)  | Catchment Area IC13A              | (None)             | No Restriction |
| IC03B      | Inlet      | Catchment Area IC03B              | (None)             | No Restriction |
|            | Inlet (1)  | 3.000<br>G1 Outfall<br>Pipe       | (None)             | No Restriction |
| MH01F      | Inlet      | 1.005                             | (None)             | No Restriction |
|            | Inlet (1)  | 9.002                             | (None)             | No Restriction |
|            | Inlet (2)  | 10.000                            | (None)             | No Restriction |
| IC01       | Inlet      | Catchment Area IC01               | (None)             | No Restriction |
| IC13B      | Inlet      | 13.000                            | (None)             | No Restriction |
| RG04       | Inlet      | Catchment Area RG04               | (None)             | No Restriction |
| IC03A      | Inlet      | G2 Outfall                        | (None)             | No Restriction |
|            |            | Catchment Area IC03A              |                    |                |
| MH09       | Inlet      | 9.001<br>B1 Outfall<br>B2 Outfall | (None)             | No Restriction |
|            |            | Catchment Area MH09               |                    |                |
| MH01G      | Inlet      | 1.006                             | (None)             | No Restriction |
|            | Inlet (1)  | 13.001                            | (None)             | No Restriction |
|            | Inlet (2)  | 11.002                            | (None)             | No Restriction |
| RG03       | Inlet      | Catchment Area RG03               | (None)             | No Restriction |
| MH11       | Inlet      | 11.001                            | (None)             | No Restriction |
|            | Inlet (1)  | 12.000                            | (None)             | No Restriction |
| MH09A      | Inlet (1)  | C1 Outfall                        | (None)             | No Restriction |
|            |            | 9.000<br>7.000                    |                    |                |
| MH11A      | Inlet      | 11.000<br>Catchment Area IC11B    | (None)             | No Restriction |
| MH09B      | Inlet      | Catchment Area IC09A              | (None)             | No Restriction |
|            |            | 5.000<br>6.000                    |                    |                |
|            | Inlet (1)  | C2 Outfall                        | (None)             | No Restriction |
| RG02       | Inlet      | Catchment Area RG2                | (None)             | No Restriction |
| MH12 (HB)  | Inlet      | 1.007                             | (None)             | No Restriction |
| RG01       | Inlet      | Catchment Area RG01               | (None)             | No Restriction |
| RG05       | Inlet      | Catchment Area RG05               | (None)             | No Restriction |
| MH13 (DC1) | Inlet      | 1.008                             | (None)             | No Restriction |
| Ex. MH1    | Inlet      | 1.009                             | (None)             | No Restriction |
| MH11B      | Inlet      | Catchment Area IC11A              | (None)             | No Restriction |

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
|                                                                                                                       |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Junctions<br>Storm Phase: Proposed SW                                                        |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley, L33 7UY |             |                                                                                    |              |

## Outlets

| Junction   | Outlet Name                                                                          | Outgoing Connection                    | Outlet Type    |
|------------|--------------------------------------------------------------------------------------|----------------------------------------|----------------|
| IC02       | Outlet                                                                               | 2.000                                  | Free Discharge |
| MH01C      | Outlet                                                                               | 1.003                                  | Free Discharge |
| IC04       | Outlet                                                                               | 4.000                                  | Free Discharge |
| IC01B      | Outlet                                                                               | 1.002                                  | Free Discharge |
| MH01D      | Outlet                                                                               | 1.004                                  | Free Discharge |
| IC03C      | Outlet                                                                               | 3.002                                  | Free Discharge |
| IC01A      | Outlet                                                                               | 1.001                                  | Free Discharge |
| MH01E      | Outlet                                                                               | 1.005                                  | Free Discharge |
| IC10       | Outlet                                                                               | 10.000                                 | Free Discharge |
| IC13A      | Outlet                                                                               | 13.000                                 | Free Discharge |
| IC03B      | Outlet                                                                               | 3.001                                  | Free Discharge |
| MH01F      | Outlet                                                                               | 1.006                                  | Free Discharge |
| IC01       | Outlet                                                                               | 1.000                                  | Free Discharge |
| IC13B      | Outlet                                                                               | 13.001                                 | Free Discharge |
| RG04       | Outlet                                                                               | 8.000                                  | Free Discharge |
| IC03A      | Outlet                                                                               | 3.000                                  | Free Discharge |
| MH09       | Outlet                                                                               | 9.002                                  | Free Discharge |
| MH01G      | Outlet                                                                               | 1.007                                  | Free Discharge |
| RG03       | Outlet                                                                               | 7.000                                  | Free Discharge |
| MH11       | Outlet                                                                               | 11.002                                 | Free Discharge |
| MH09A      | Outlet                                                                               | 9.001                                  | Free Discharge |
| MH11A      | Outlet                                                                               | 11.001                                 | Free Discharge |
| MH09B      | Outlet                                                                               | 9.000                                  | Free Discharge |
| RG02       | Outlet                                                                               | 6.000                                  | Free Discharge |
| MH12 (HB)  | Outlet                                                                               | 1.008                                  | Hydro-Brake®   |
|            | Invert Level (m)                                                                     | 84.583                                 |                |
|            | Design Depth (m)                                                                     | 1.000                                  |                |
|            | Design Flow (L/s)                                                                    | 4.8                                    |                |
|            | Objective                                                                            | Minimise Upstream Storage Requirements |                |
|            | Application                                                                          | Surface Water Only                     |                |
|            | Sump Available                                                                       | <input checked="" type="checkbox"/>    |                |
|            | Unit Reference                                                                       | SHE-0103-4800-1000-4800                |                |
|            |  |                                        |                |
|            |                                                                                      |                                        |                |
| RG01       | Outlet                                                                               | 5.000                                  | Free Discharge |
| RG05       | Outlet                                                                               | 12.000                                 | Free Discharge |
| MH13 (DC1) | Outlet                                                                               | 1.009                                  | Free Discharge |
| MH11B      | Outlet                                                                               | 11.000                                 | Free Discharge |

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving C2

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.100 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 85.800 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.1    |
| Porosity (%)                | 30     |
| Length (m)                  | 5.987  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 5.988  |
| Total Volume (m³)           | 2.225  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-C2 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | C2 Outfall  |
| Outlet Type         | Under Drain |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving C1

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.079 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 85.779 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 5.961  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 5.972  |
| Total Volume (m³)           | 2.210  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-C1 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | C1 Outfall  |
| Outlet Type         | Under Drain |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving B2

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.138 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 85.838 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 5.992  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 5.997  |
| Total Volume (m³)           | 2.230  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-B2 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | B2 Outfall  |
| Outlet Type         | Under Drain |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving B1

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.218 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 85.918 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 5.757  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 5.998  |
| Total Volume (m³)           | 2.143  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-B1 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | B1 Outfall  |
| Outlet Type         | Under Drain |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving A2

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.446 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 86.146 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 5.984  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 3.067  |
| Total Volume (m³)           | 1.175  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-A2 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | A2 Outfall  |
| Outlet Type         | Under Drain |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving A1

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.538 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 86.238 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 6.000  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 2.998  |
| Total Volume (m³)           | 1.154  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-A1 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | A1 Outfall  |
| Outlet Type         | Under Drain |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving D1

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.900 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 86.600 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 7.272  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 2.990  |
| Total Volume (m³)           | 1.395  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-D1 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | D1 Outfall  |
| Outlet Type         | Under Drain |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving D2

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.776 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 86.476 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 5.977  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 3.018  |
| Total Volume (m³)           | 1.156  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-D2 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet (1)

|                     |                |
|---------------------|----------------|
| Outgoing Connection | D2 Outfall     |
| Outlet Type         | Free Discharge |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving E1

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.735 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 86.435 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 3.194  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 6.769  |
| Total Volume (m³)           | 1.337  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-E1 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | E1 Outfall  |
| Outlet Type         | Under Drain |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving E2

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.603 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 86.303 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 8.076  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 3.178  |
| Total Volume (m³)           | 1.640  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-E2 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | E2 Outfall  |
| Outlet Type         | Under Drain |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving F1

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.526 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 86.226 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 6.517  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 3.278  |
| Total Volume (m³)           | 1.362  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-F1 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | F1 Outfall  |
| Outlet Type         | Under Drain |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving G1

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.388 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 86.088 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 6.483  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 2.564  |
| Total Volume (m³)           | 1.077  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-G1 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | G1 Outfall  |
| Outlet Type         | Under Drain |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving G2

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.326 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 86.026 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 3.211  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 6.217  |
| Total Volume (m³)           | 1.238  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-G2 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | G2 Outfall  |
| Outlet Type         | Under Drain |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Proposed SW                                              |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Porous Paving F2

Type : Porous Paving

Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 86.440 |
| Depth (m)                   | 0.300  |
| Base Level (m)              | 86.140 |
| Paving Layer Depth (mm)     | 100    |
| Membrane Percolation (m/hr) | 0.01   |
| Porosity (%)                | 30     |
| Length (m)                  | 6.121  |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 3.480  |
| Total Volume (m³)           | 1.354  |

Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

Inlets

Inlet

|                    |                      |
|--------------------|----------------------|
| Inlet Type         | Point Inflow         |
| Incoming Item(s)   | Catchment Area PP-F2 |
| Bypass Destination | (None)               |
| Capacity Type      | No Restriction       |

Outlets

Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | (None)      |
| Outlet Type         | Under Drain |

Outlet (1)

|                     |                |
|---------------------|----------------|
| Outgoing Connection | Pipe           |
| Outlet Type         | Free Discharge |

Advanced

|                     |     |
|---------------------|-----|
| Conductivity (m/hr) | 0.1 |
|---------------------|-----|

|                                                                                                                              |  |                                                                                                                  |             |                                                                                    |              |
|------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br><b>19/01/2026</b>                                                                                       |             |  |              |
|                                                                                                                              |  | Designed by:<br><b>KGB</b>                                                                                       | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Connections<br>Storm Phase: Proposed SW                                                             |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley. L33 7UY</b> |             |                                                                                    |              |

| Name       | From             | To         | Length (m) | Connection Type | Slope (1:X) | Manning's n | Colebrook-White Roughness (mm) | No. of Barrels |
|------------|------------------|------------|------------|-----------------|-------------|-------------|--------------------------------|----------------|
| 1.000      | IC01             | IC01A      | 13.586     | Pipe            | 99.896      |             | 0.6                            | 1              |
| 1.001      | IC01A            | IC01B      | 14.861     | Pipe            | 99.738      |             | 0.6                            | 1              |
| 1.002      | IC01B            | MH01C      | 12.348     | Pipe            | 21.217      |             | 0.6                            | 1              |
| 1.003      | MH01C            | MH01D      | 15.961     | Pipe            | 300.000     |             | 0.6                            | 1              |
| 1.004      | MH01D            | MH01E      | 3.343      | Pipe            | 300.000     |             | 0.6                            | 1              |
| 1.005      | MH01E            | MH01F      | 14.738     | Pipe            | 300.000     |             | 0.6                            | 1              |
| 1.006      | MH01F            | MH01G      | 14.609     | Pipe            | 376.469     |             | 0.6                            | 1              |
| 1.008      | MH12 (HB)        | MH13 (DC1) | 6.204      | Pipe            | 34.120      |             | 0.6                            | 1              |
| 1.009      | MH13 (DC1)       | Ex. MH1    | 8.292      | Pipe            | 100.000     |             | 0.6                            | 1              |
| 2.000      | IC02             | MH01C      | 8.690      | Pipe            | 16.511      |             | 0.6                            | 1              |
| 3.000      | IC03A            | IC03B      | 11.469     | Pipe            | 104.267     |             | 0.6                            | 1              |
| 3.001      | IC03B            | IC03C      | 17.261     | Pipe            | 99.775      |             | 0.6                            | 1              |
| 3.002      | IC03C            | MH01D      | 11.221     | Pipe            | 149.620     |             | 0.6                            | 1              |
| 9.000      | MH09B            | MH09A      | 8.705      | Pipe            | 60.451      |             | 0.6                            | 1              |
| 9.002      | MH09             | MH01F      | 15.787     | Pipe            | 300.000     |             | 0.6                            | 1              |
| 10.000     | IC10             | MH01F      | 8.016      | Pipe            | 7.202       |             | 0.6                            | 1              |
| 13.000     | IC13A            | IC13B      | 8.898      | Pipe            | 59.322      |             | 0.6                            | 1              |
| 1.007      | MH01G            | MH12 (HB)  | 9.715      | Pipe            | 616.220     |             | 0.6                            | 1              |
| 13.001     | IC13B            | MH01G      | 2.722      | Pipe            | 3.295       |             | 0.6                            | 1              |
| 11.000     | MH11B            | MH11A      | 15.763     | Pipe            | 63.817      |             | 0.6                            | 1              |
| 11.001     | MH11A            | MH11       | 16.649     | Pipe            | 199.568     |             | 0.6                            | 1              |
| 11.002     | MH11             | MH01G      | 8.881      | Pipe            | 197.123     |             | 0.6                            | 1              |
| 9.001      | MH09A            | MH09       | 15.184     | Pipe            | 200.000     |             | 0.6                            | 1              |
| 4.000      | IC04             | MH01D      | 7.229      | Pipe            | 13.026      |             | 0.6                            | 1              |
| 8.000      | RG04             | MH01E      | 9.541      | Pipe            | 13.159      |             | 0.6                            | 1              |
| 12.000     | RG05             | MH11       | 2.672      | Pipe            | 5.119       |             | 0.6                            | 1              |
| A1 Outfall | Porous Paving A1 | IC13A      | 2.906      | Pipe            | 6.639       |             | 0.6                            | 1              |
| B1 Outfall | Porous Paving B1 | MH09       | 2.030      | Pipe            | 3.158       |             | 0.6                            | 1              |
| A2 Outfall | Porous Paving A2 | IC10       | 4.747      | Pipe            | 100.000     |             | 0.6                            | 1              |
| B2 Outfall | Porous Paving B2 | MH09       | 3.036      | Pipe            | 5.394       |             | 0.6                            | 1              |
| C1 Outfall | Porous Paving C1 | MH09A      | 2.006      | Pipe            | 6.103       |             | 0.6                            | 1              |
| C2 Outfall | Porous Paving C2 | MH09B      | 1.873      | Pipe            | 7.490       |             | 0.6                            | 1              |
| G2 Outfall | Porous Paving G2 | IC03A      | 1.115      | Pipe            | 2.118       |             | 0.6                            | 1              |
| G1 Outfall | Porous Paving G1 | IC03B      | 2.970      | Pipe            | 3.401       |             | 0.6                            | 1              |
| F1 Outfall | Porous Paving F1 | IC03C      | 3.260      | Pipe            | 3.232       |             | 0.6                            | 1              |
| E2 Outfall | Porous Paving E2 | IC03C      | 2.168      | Pipe            | 1.996       |             | 0.6                            | 1              |
| D1 Outfall | Porous Paving D1 | IC04       | 4.740      | Pipe            | 4.974       |             | 0.6                            | 1              |
| Pipe       | Porous Paving F2 | IC03B      | 2.671      | Pipe            | 3.338       |             | 0.6                            | 1              |
| D2 Outfall | Porous Paving D2 | MH01E      | 1.660      | Pipe            | 0.920       |             | 0.6                            | 1              |
| E1 Outfall | Porous Paving E1 | MH01D      | 2.263      | Pipe            | 1.291       |             | 0.6                            | 1              |
| 5.000      | RG01             | MH09B      | 9.463      | Pipe            | 86.025      |             | 0.6                            | 1              |
| 6.000      | RG02             | MH09B      | 8.809      | Pipe            | 80.080      |             | 0.6                            | 1              |
| 7.000      | RG03             | MH09A      | 10.498     | Pipe            | 46.657      |             | 0.6                            | 1              |

| Name  | Diameter / Base Width (mm) | Height (mm) | Upstream Cover Level (m) | Upstream Invert Level (m) | Downstream Cover Level (m) | Downstream Invert Level (m) | Part Family     | Lock |
|-------|----------------------------|-------------|--------------------------|---------------------------|----------------------------|-----------------------------|-----------------|------|
| 1.000 | 150                        |             | 86.462                   | 86.065                    | 86.708                     | 85.929                      | Generic Pipe SI | All  |
| 1.001 | 150                        |             | 86.708                   | 85.929                    | 86.840                     | 85.780                      | Generic Pipe SI | All  |
| 1.002 | 225                        |             | 86.840                   | 85.705                    | 86.978                     | 85.123                      | Generic Pipe SI | All  |

|                                                                                                                              |  |                                                                                                                  |             |                                                                                    |              |
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| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br><b>19/01/2026</b>                                                                                       |             |  |              |
|                                                                                                                              |  | Designed by:<br><b>KGB</b>                                                                                       | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Connections<br>Storm Phase: Proposed SW                                                             |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley. L33 7UY</b> |             |                                                                                    |              |

|            |     |  |        |        |        |        |                 |      |
|------------|-----|--|--------|--------|--------|--------|-----------------|------|
| 1.003      | 675 |  | 86.978 | 84.885 | 86.836 | 84.832 | Generic Pipe SI | All  |
| 1.004      | 675 |  | 86.836 | 84.682 | 86.707 | 84.671 | Generic Pipe SI | All  |
| 1.005      | 675 |  | 86.707 | 84.671 | 86.482 | 84.622 | Generic Pipe SI | All  |
| 1.006      | 675 |  | 86.482 | 84.622 | 86.259 | 84.583 | Generic Pipe SI | All  |
| 1.008      | 225 |  | 86.053 | 84.583 | 85.945 | 84.401 | Generic Pipe SI | All  |
| 1.009      | 150 |  | 85.945 | 84.401 | 85.873 | 84.318 | Generic Pipe SI | All  |
| 2.000      | 100 |  | 87.074 | 85.774 | 86.978 | 85.248 | Generic Pipe SI | All  |
| 3.000      | 150 |  | 86.381 | 85.450 | 86.503 | 85.340 | Generic Pipe SI | All  |
| 3.001      | 150 |  | 86.503 | 85.340 | 86.760 | 85.167 | Generic Pipe SI | All  |
| 3.002      | 225 |  | 86.760 | 85.092 | 86.836 | 85.017 | Generic Pipe SI | All  |
| 9.000      | 450 |  | 86.093 | 84.895 | 86.122 | 84.751 | Generic Pipe SI | All  |
| 9.002      | 450 |  | 86.293 | 84.675 | 86.482 | 84.622 | Generic Pipe SI | All  |
| 10.000     | 150 |  | 86.619 | 86.090 | 86.482 | 84.977 | Generic Pipe SI | All  |
| 13.000     | 150 |  | 86.507 | 85.800 | 86.437 | 85.650 | Generic Pipe SI | All  |
| 1.007      | 825 |  | 86.259 | 84.599 | 86.053 | 84.583 | Generic Pipe SI | All  |
| 13.001     | 150 |  | 86.437 | 85.650 | 86.259 | 84.824 | Generic Pipe SI | All  |
| 11.000     | 825 |  | 86.150 | 84.958 | 86.120 | 84.711 | Generic Pipe SI | All  |
| 11.001     | 825 |  | 86.120 | 84.711 | 86.133 | 84.628 | Generic Pipe SI | All  |
| 11.002     | 825 |  | 86.133 | 84.628 | 86.259 | 84.583 | Generic Pipe SI | All  |
| 9.001      | 450 |  | 86.122 | 84.751 | 86.293 | 84.675 | Generic Pipe SI | All  |
| 4.000      | 150 |  | 86.907 | 85.647 | 86.836 | 85.092 | Generic Pipe SI | All  |
| 8.000      | 150 |  | 86.405 | 85.700 | 86.707 | 84.975 | Generic Pipe SI | All  |
| 12.000     | 150 |  | 85.986 | 85.300 | 86.133 | 84.778 | Generic Pipe SI | All  |
| A1 Outfall | 100 |  | 86.550 | 86.238 | 86.507 | 85.800 | Generic Pipe SI | All  |
| B1 Outfall | 100 |  | 86.229 | 85.918 | 86.293 | 85.275 | Generic Pipe SI | All  |
| A2 Outfall | 100 |  | 86.458 | 86.187 | 86.619 | 86.140 | Generic Pipe SI | All  |
| B2 Outfall | 100 |  | 86.150 | 85.838 | 86.293 | 85.275 | Generic Pipe SI | All  |
| C1 Outfall | 100 |  | 86.091 | 85.779 | 86.122 | 85.450 | Generic Pipe SI | All  |
| C2 Outfall | 100 |  | 86.112 | 85.800 | 86.093 | 85.550 | Generic Pipe SI | All  |
| G2 Outfall | 100 |  | 86.333 | 86.026 | 86.381 | 85.500 | Generic Pipe SI | All  |
| G1 Outfall | 100 |  | 86.401 | 86.213 | 86.503 | 85.340 | Generic Pipe SI | All  |
| F1 Outfall | 100 |  | 86.539 | 86.226 | 86.760 | 85.217 | Generic Pipe SI | All  |
| E2 Outfall | 100 |  | 86.619 | 86.303 | 86.760 | 85.217 | Generic Pipe SI | All  |
| D1 Outfall | 100 |  | 86.915 | 86.600 | 86.907 | 85.647 | Generic Pipe SI | All  |
| Pipe       | 100 |  | 86.453 | 86.140 | 86.503 | 85.340 |                 | None |
| D2 Outfall | 100 |  | 86.788 | 86.476 | 86.707 | 84.671 |                 | None |
| E1 Outfall | 100 |  | 86.742 | 86.435 | 86.836 | 84.682 |                 | None |
| 5.000      | 150 |  | 86.052 | 85.500 | 86.093 | 85.390 | Generic Pipe SI | All  |
| 6.000      | 100 |  | 86.076 | 85.500 | 86.093 | 85.390 | Generic Pipe SI | All  |

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
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| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
| Report Details:<br>Type: Connections<br>Storm Phase: Proposed SW                                                      |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
|                                                                                                                       |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |

|       |     |  |        |        |        |        |                    |     |
|-------|-----|--|--------|--------|--------|--------|--------------------|-----|
| 7.000 | 150 |  | 86.172 | 85.400 | 86.122 | 85.175 | Generic Pipe<br>SI | All |
|-------|-----|--|--------|--------|--------|--------|--------------------|-----|

| Name       | Flow<br>Restriction<br>(L/s) |
|------------|------------------------------|
| 1.000      |                              |
| 1.001      |                              |
| 1.002      |                              |
| 1.003      |                              |
| 1.004      |                              |
| 1.005      |                              |
| 1.006      |                              |
| 1.008      | 5.2                          |
| 1.009      |                              |
| 2.000      |                              |
| 3.000      |                              |
| 3.001      |                              |
| 3.002      |                              |
| 9.000      |                              |
| 9.002      |                              |
| 10.000     |                              |
| 13.000     |                              |
| 1.007      |                              |
| 13.001     |                              |
| 11.000     |                              |
| 11.001     |                              |
| 11.002     |                              |
| 9.001      |                              |
| 4.000      |                              |
| 8.000      |                              |
| 12.000     |                              |
| A1 Outfall | 0.0                          |
| B1 Outfall | 0.0                          |
| A2 Outfall | 0.0                          |
| B2 Outfall | 0.0                          |
| C1 Outfall | 0.0                          |
| C2 Outfall | 0.0                          |
| G2 Outfall | 0.0                          |
| G1 Outfall | 0.0                          |
| F1 Outfall | 0.0                          |
| E2 Outfall | 0.0                          |
| D1 Outfall | 0.0                          |
| Pipe       |                              |
| D2 Outfall |                              |
| E1 Outfall | 0.0                          |
| 5.000      |                              |
| 6.000      |                              |
| 7.000      |                              |

|                                                                                                                              |  |                                                                                                                  |             |                                                                                    |              |
|------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br><b>19/01/2026</b>                                                                                       |             |  |              |
|                                                                                                                              |  | Designed by:<br><b>KGB</b>                                                                                       | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Proposed SW                                                        |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley. L33 7UY</b> |             |                                                                                    |              |

| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Size<br>(m)         | Connection Details      |                 |                          |                         | Type           |
|------------------------------|-------------------------------------|-----------------------------|-------------------------|-----------------|--------------------------|-------------------------|----------------|
| Coordinates (m)              | Depth (m)                           |                             | Incoming<br>Connections | Connection Type | Connection Invert<br>(m) | Connection Size<br>(mm) | Junction Type  |
|                              |                                     |                             | Outgoing<br>Connections |                 |                          |                         | Cover          |
| IC02                         | 87.074<br>85.774                    | Diameter /<br>Length: 0.600 |                         |                 |                          |                         | Manhole        |
| E:388636.751<br>N:400120.061 | 1.300                               |                             |                         |                 |                          |                         |                |
|                              |                                     |                             | {a} 2.000               | Pipe            | 85.774                   | Diam/Width:100          | Not Applicable |
| MH01C                        | 86.978<br>84.885                    | Diameter /<br>Length: 1.200 | {1} 1.002               | Pipe            | 85.123                   | Diam/Width:225          | Manhole        |
| E:388645.441<br>N:400120.002 | 2.093                               |                             | {2} 2.000               | Pipe            | 85.248                   | Diam/Width:100          |                |
|                              |                                     |                             | {a} 1.003               | Pipe            | 84.885                   | Diam/Width:675          | Not Applicable |
| IC04                         | 86.907<br>85.647                    | Diameter /<br>Length: 0.600 | {1} D1 Outfall          | Pipe            | 85.647                   | Diam/Width:100          | Manhole        |
| E:388638.404<br>N:400135.404 | 1.260                               |                             |                         |                 |                          |                         |                |
|                              |                                     |                             | {a} 4.000               | Pipe            | 85.647                   | Diam/Width:150          | Not Applicable |
| IC01B                        | 86.840<br>85.705                    | Diameter /<br>Length: 0.600 | {1} 1.001               | Pipe            | 85.780                   | Diam/Width:150          | Manhole        |
| E:388657.730<br>N:400121.214 | 1.135                               |                             |                         |                 |                          |                         |                |
|                              |                                     |                             | {a} 1.002               | Pipe            | 85.705                   | Diam/Width:225          | Not Applicable |

|                                                                                                                              |  |                                                                                                                  |             |                                                                                    |              |
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| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br><b>19/01/2026</b>                                                                                       |             |  |              |
|                                                                                                                              |  | Designed by:<br><b>KGB</b>                                                                                       | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Proposed SW                                                        |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley. L33 7UY</b> |             |                                                                                    |              |

| Name            | Cover Level (m)<br>Invert Level (m) | Manhole Size<br>(m)         | Connection Details      |                 |                          |                         | Type           |
|-----------------|-------------------------------------|-----------------------------|-------------------------|-----------------|--------------------------|-------------------------|----------------|
| Coordinates (m) | Depth (m)                           |                             | Incoming<br>Connections | Connection Type | Connection Invert<br>(m) | Connection Size<br>(mm) | Junction Type  |
|                 |                                     |                             | Outgoing<br>Connections |                 |                          |                         | Cover          |
| MH01D           | 86.836<br>84.682                    | Diameter /<br>Length: 1.500 | {1} 1.003               | Pipe            | 84.832                   | Diam/Width:675          | Manhole        |
| E:388645.612    | 2.154                               |                             | {2} E1 Outfall          | Pipe            | 84.682                   | Diam/Width:100          |                |
| N:400135.962    |                                     |                             | {3} 3.002               | Pipe            |                          | Diam/Width:225          |                |
|                 |                                     |                             | {4} 4.000               | Pipe            | 85.017                   | Diam/Width:150          |                |
|                 |                                     |                             |                         |                 |                          | 85.092                  |                |
|                 |                                     |                             | {a} 1.004               | Pipe            | 84.682                   | Diam/Width:675          | Not Applicable |
| IC03C           | 86.760<br>85.092                    | Diameter /<br>Length: 0.600 | {1} 3.001               | Pipe            | 85.167                   | Diam/Width:150          | Manhole        |
| E:388656.809    | 1.668                               |                             | {2} F1 Outfall          | Pipe            | 85.217                   | Diam/Width:100          |                |
| N:400136.694    |                                     |                             | {3} E2 Outfall          | Pipe            |                          | Diam/Width:100          |                |
|                 |                                     |                             |                         |                 | {a} 3.002                | Pipe                    | 85.092         |
| IC01A           | 86.708<br>85.929                    | Diameter /<br>Length: 0.600 | {1} 1.000               | Pipe            | 85.929                   | Diam/Width:150          | Manhole        |
| E:388672.506    | 0.779                               |                             |                         |                 |                          |                         |                |
| N:400122.801    |                                     |                             | {a} 1.001               | Pipe            | 85.929                   | Diam/Width:150          | Not Applicable |

|                                                                                                                              |  |                                                                                                                  |             |                                                                                    |              |
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| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br><b>19/01/2026</b>                                                                                       |             |  |              |
|                                                                                                                              |  | Designed by:<br><b>KGB</b>                                                                                       | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Proposed SW                                                        |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley. L33 7UY</b> |             |                                                                                    |              |

| Name            | Cover Level (m)<br>Invert Level (m) | Manhole Size<br>(m)         | Connection Details      |                 |                          |                         | Type           |
|-----------------|-------------------------------------|-----------------------------|-------------------------|-----------------|--------------------------|-------------------------|----------------|
| Coordinates (m) | Depth (m)                           |                             | Incoming<br>Connections | Connection Type | Connection Invert<br>(m) | Connection Size<br>(mm) | Junction Type  |
|                 |                                     |                             | Outgoing<br>Connections |                 |                          |                         | Cover          |
| MH01E           | 86.707<br>84.671                    | Diameter /<br>Length: 1.500 | {1} 1.004               | Pipe            | 84.671                   | Diam/Width:675          | Manhole        |
| E:388643.484    | 2.036                               |                             | {2} 8.000               | Pipe            | 84.975                   | Diam/Width:150          |                |
| N:400138.541    |                                     |                             | {3} D2 Outfall          | Pipe            | 84.671                   | Diam/Width:100          |                |
|                 |                                     |                             | {a} 1.005               | Pipe            | 84.671                   | Diam/Width:675          | Not Applicable |
| IC10            | 86.619<br>86.090                    | Diameter /<br>Length: 0.600 | {1} A2 Outfall          | Pipe            | 86.140                   | Diam/Width:100          | Manhole        |
| E:388635.201    | 0.529                               |                             |                         |                 |                          |                         |                |
| N:400153.286    |                                     | {a} 10.000                  | Pipe                    | 86.090          | Diam/Width:150           | Not Applicable          |                |
| IC13A           | 86.507<br>85.800                    | Diameter /<br>Length: 0.600 | {1} A1 Outfall          | Pipe            | 85.800                   | Diam/Width:100          | Manhole        |
| E:388631.735    | 0.707                               |                             |                         |                 |                          |                         |                |
| N:400166.547    |                                     | {a} 13.000                  | Pipe                    | 85.800          | Diam/Width:150           | Not Applicable          |                |
| IC03B           | 86.503<br>85.340                    | Diameter /<br>Length: 0.600 | {1} 3.000               | Pipe            | 85.340                   | Diam/Width:150          | Manhole        |
| E:388674.062    | 1.163                               |                             | {2} G1 Outfall          | Pipe            | 85.340                   | Diam/Width:100          |                |
| N:400137.227    |                                     |                             | {3} Pipe                | Pipe            | 85.340                   | Diam/Width:100          |                |
|                 |                                     |                             | {a} 3.001               | Pipe            | 85.340                   | Diam/Width:150          | Not Applicable |

|                                                                                                                              |  |                                                                                                                  |             |                                                                                    |              |
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| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br><b>19/01/2026</b>                                                                                       |             |  |              |
|                                                                                                                              |  | Designed by:<br><b>KGB</b>                                                                                       | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Proposed SW                                                        |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley. L33 7UY</b> |             |                                                                                    |              |

| Name            | Cover Level (m)<br>Invert Level (m) | Manhole Size<br>(m)         | Connection Details      |                 |                          |                         | Type           |
|-----------------|-------------------------------------|-----------------------------|-------------------------|-----------------|--------------------------|-------------------------|----------------|
| Coordinates (m) | Depth (m)                           |                             | Incoming<br>Connections | Connection Type | Connection Invert<br>(m) | Connection Size<br>(mm) | Junction Type  |
|                 |                                     |                             | Outgoing<br>Connections |                 |                          |                         | Cover          |
| MH01F           | 86.482<br>84.622                    | Diameter /<br>Length: 1.500 | {1} 1.005               | Pipe            | 84.622                   | Diam/Width:675          | Manhole        |
| E:388643.217    | 1.860                               |                             | {2} 9.002               | Pipe            | 84.622                   | Diam/Width:450          |                |
| N:400153.277    |                                     |                             | {3} 10.000              | Pipe            |                          | 84.977                  |                |
|                 |                                     |                             |                         | {a} 1.006       | Pipe                     | 84.622                  | Diam/Width:675 |
| IC01            | 86.462<br>86.065                    | Diameter /<br>Length: 0.600 |                         |                 |                          |                         | Manhole        |
| E:388686.018    | 0.397                               |                             |                         |                 |                          |                         |                |
| N:400124.217    |                                     |                             | {a} 1.000               | Pipe            | 86.065                   | Diam/Width:150          | Not Applicable |
| IC13B           | 86.437<br>85.650                    | Diameter /<br>Length: 0.600 | {1} 13.000              | Pipe            | 85.650                   | Diam/Width:150          | Manhole        |
| E:388640.632    | 0.787                               |                             |                         |                 |                          |                         |                |
| N:400166.700    |                                     |                             | {a} 13.001              | Pipe            | 85.650                   | Diam/Width:150          | Not Applicable |
| RG04            | 86.405<br>85.700                    | Diameter /<br>Length: 0.450 |                         |                 |                          |                         | Manhole        |
| E:388635.703    | 0.705                               |                             |                         |                 |                          |                         |                |
| N:400144.063    |                                     |                             | {a} 8.000               | Pipe            | 85.700                   | Diam/Width:150          | Not Applicable |
| IC03A           | 86.381<br>85.450                    | Diameter /<br>Length: 0.600 | {1} G2 Outfall          | Pipe            | 85.500                   | Diam/Width:100          | Manhole        |
| E:388685.531    | 0.931                               |                             |                         |                 |                          |                         |                |
| N:400137.327    |                                     |                             | {a} 3.000               | Pipe            | 85.450                   | Diam/Width:150          | Not Applicable |

|                                                                                                                              |  |                                                                                                                  |             |                                                                                    |              |
|------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br><b>19/01/2026</b>                                                                                       |             |  |              |
|                                                                                                                              |  | Designed by:<br><b>KGB</b>                                                                                       | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Proposed SW                                                        |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley. L33 7UY</b> |             |                                                                                    |              |

| Name            | Cover Level (m)<br>Invert Level (m) | Manhole Size<br>(m)         | Connection Details      |                 |                          |                         | Type           |
|-----------------|-------------------------------------|-----------------------------|-------------------------|-----------------|--------------------------|-------------------------|----------------|
| Coordinates (m) | Depth (m)                           |                             | Incoming<br>Connections | Connection Type | Connection Invert<br>(m) | Connection Size<br>(mm) | Junction Type  |
|                 |                                     |                             | Outgoing<br>Connections |                 |                          |                         | Cover          |
| MH09            | 86.293<br>84.675                    | Diameter /<br>Length: 0.900 | {1} 9.001               | Pipe            | 84.675                   | Diam/Width:450          | Manhole        |
| E:388659.003    | 1.618                               |                             | {2} B1 Outfall          | Pipe            | 85.275                   | Diam/Width:100          |                |
| N:400153.109    |                                     |                             | {3} B2 Outfall          | Pipe            |                          | 85.275                  |                |
|                 |                                     |                             |                         | {a} 9.002       | Pipe                     | 84.675                  | Diam/Width:450 |
| MH01G           | 86.259<br>84.583                    | Diameter /<br>Length: 1.500 | {1} 1.006               | Pipe            | 84.583                   | Diam/Width:675          | Manhole        |
| E:388643.082    | 1.676                               |                             | {2} 13.001              | Pipe            | 84.824                   | Diam/Width:150          |                |
| N:400167.885    |                                     |                             | {3} 11.002              | Pipe            |                          | 84.583                  |                |
|                 |                                     |                             |                         | {a} 1.007       | Pipe                     | 84.599                  | Diam/Width:825 |
| RG03            | 86.172<br>85.400                    | Diameter /<br>Length: 0.450 |                         |                 |                          |                         | Manhole        |
| E:388667.548    | 0.772                               |                             |                         |                 |                          |                         |                |
| N:400145.080    |                                     |                             | {a} 7.000               | Pipe            | 85.400                   | Diam/Width:150          | Not Applicable |
| MH11            | 86.133<br>84.628                    | Diameter /<br>Length: 1.200 | {1} 11.001              | Pipe            | 84.628                   | Diam/Width:825          | Manhole        |
| E:388651.963    | 1.506                               |                             | {2} 12.000              | Pipe            | 84.778                   | Diam/Width:150          |                |
| N:400167.817    |                                     |                             | {a} 11.002              | Pipe            |                          | 84.628                  | Diam/Width:825 |

|                                                                                                                              |  |                                                                                                                  |             |                                                                                    |              |
|------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br><b>19/01/2026</b>                                                                                       |             |  |              |
|                                                                                                                              |  | Designed by:<br><b>KGB</b>                                                                                       | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Proposed SW                                                        |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley. L33 7UY</b> |             |                                                                                    |              |

| Name            | Cover Level (m)<br>Invert Level (m) | Manhole Size<br>(m)         | Connection Details      |                 |                          |                         | Type           |
|-----------------|-------------------------------------|-----------------------------|-------------------------|-----------------|--------------------------|-------------------------|----------------|
| Coordinates (m) | Depth (m)                           |                             | Incoming<br>Connections | Connection Type | Connection Invert<br>(m) | Connection Size<br>(mm) | Junction Type  |
|                 |                                     |                             | Outgoing<br>Connections |                 |                          |                         | Cover          |
| MH09A           | 86.122<br>84.751                    | Diameter /<br>Length: 0.900 | {1} C1 Outfall          | Pipe            | 85.450                   | Diam/Width:100          | Manhole        |
| E:388674.186    | 1.371                               |                             | {2} 9.000               | Pipe            | 84.751                   | Diam/Width:450          |                |
| N:400153.213    |                                     |                             | {3} 7.000               | Pipe            | 85.175                   | Diam/Width:150          |                |
|                 |                                     |                             | {a} 9.001               | Pipe            | 84.751                   | Diam/Width:450          | Not Applicable |
| MH11A           | 86.120<br>84.711                    | Diameter /<br>Length: 1.200 | {1} 11.000              | Pipe            | 84.711                   | Diam/Width:825          | Manhole        |
| E:388668.611    | 1.409                               |                             |                         |                 |                          |                         |                |
| N:400167.878    |                                     |                             | {a} 11.001              | Pipe            | 84.711                   | Diam/Width:825          | Not Applicable |
| MH09B           | 86.093<br>84.895                    | Diameter /<br>Length: 0.900 | {1} 5.000               | Pipe            | 85.390                   | Diam/Width:150          | Manhole        |
| E:388682.891    | 1.198                               |                             | {2} 6.000               | Pipe            | 85.390                   | Diam/Width:100          |                |
| N:400153.242    |                                     |                             | {3} C2 Outfall          | Pipe            | 85.550                   | Diam/Width:100          |                |
|                 |                                     |                             | {a} 9.000               | Pipe            | 84.895                   | Diam/Width:450          | Not Applicable |
| RG02            | 86.076<br>85.500                    | Diameter /<br>Length: 0.450 |                         |                 |                          |                         | Manhole        |
| E:388686.666    | 0.576                               |                             |                         |                 |                          |                         |                |
| N:400145.283    |                                     |                             | {a} 6.000               | Pipe            | 85.500                   | Diam/Width:100          | Not Applicable |

|                                                                                                                              |  |                                                                                                                  |             |                                                                                    |              |
|------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br><b>19/01/2026</b>                                                                                       |             |  |              |
|                                                                                                                              |  | Designed by:<br><b>KGB</b>                                                                                       | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Proposed SW                                                        |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley. L33 7UY</b> |             |                                                                                    |              |

| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Size<br>(m)         | Connection Details      |                 |                          |                         | Type           |
|------------------------------|-------------------------------------|-----------------------------|-------------------------|-----------------|--------------------------|-------------------------|----------------|
| Coordinates (m)              | Depth (m)                           |                             | Incoming<br>Connections | Connection Type | Connection Invert<br>(m) | Connection Size<br>(mm) | Junction Type  |
|                              |                                     |                             | Outgoing<br>Connections |                 |                          |                         | Cover          |
| MH12 (HB)                    | 86.053<br>84.383                    | Diameter /<br>Length: 1.200 | {1} 1.007               | Pipe            | 84.583                   | Diam/Width:825          | Manhole        |
| E:388633.367<br>N:400167.991 | 1.670                               |                             |                         |                 |                          |                         |                |
|                              |                                     |                             | {a} 1.008               | Pipe            | 84.583                   | Diam/Width:225          | Not Applicable |
| RG01                         | 86.052<br>85.500                    | Diameter /<br>Length: 0.450 |                         |                 |                          |                         | Manhole        |
| E:388688.256<br>N:400145.446 | 0.552                               |                             |                         |                 |                          |                         |                |
|                              |                                     |                             | {a} 5.000               | Pipe            | 85.500                   | Diam/Width:150          | Not Applicable |
| RG05                         | 85.986<br>85.300                    | Diameter /<br>Length: 0.450 |                         |                 |                          |                         | Manhole        |
| E:388649.374<br>N:400167.153 | 0.686                               |                             |                         |                 |                          |                         |                |
|                              |                                     |                             | {a} 12.000              | Pipe            | 85.300                   | Diam/Width:150          | Not Applicable |
| MH13 (DC1)                   | 85.945<br>84.401                    | Diameter /<br>Length: 1.200 | {1} 1.008               | Pipe            | 84.401                   | Diam/Width:225          | Manhole        |
| E:388627.164<br>N:400168.014 | 1.544                               |                             |                         |                 |                          |                         |                |
|                              |                                     |                             | {a} 1.009               | Pipe            | 84.401                   | Diam/Width:150          | Not Applicable |
| Ex. MH1                      | 85.873<br>84.318                    | Diameter /<br>Length: 1.200 | {1} 1.009               | Pipe            | 84.318                   | Diam/Width:150          | Manhole        |
| E:388623.197<br>N:400175.296 | 1.555                               |                             |                         |                 |                          |                         |                |
|                              |                                     |                             |                         |                 |                          |                         | Not Applicable |

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
|                                                                                                                       |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Manhole Schedule<br>Storm Phase: Proposed SW                                                 |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |

| Name                         | Cover Level (m)<br>Invert Level (m) | Manhole Size<br>(m)         | Connection Details      |                 |                          |                         | Type           |
|------------------------------|-------------------------------------|-----------------------------|-------------------------|-----------------|--------------------------|-------------------------|----------------|
| Coordinates (m)              | Depth (m)                           |                             | Incoming<br>Connections | Connection Type | Connection Invert<br>(m) | Connection Size<br>(mm) | Junction Type  |
|                              |                                     |                             | Outgoing<br>Connections |                 |                          |                         | Cover          |
| MH11B                        | 86.150<br>84.958                    | Diameter /<br>Length: 1.200 |                         |                 |                          |                         | Manhole        |
| E:388684.374<br>N:400167.959 | 1.192                               |                             |                         |                 |                          |                         |                |
|                              |                                     |                             | {a} 11.000              | Pipe            | 84.958                   | Diam/Width:825          | Not Applicable |

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
|                                                                                                                       |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Proposed SW                                                   |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |

| Inflow Label         | Connected To     | Flow (L/s) | Runoff Method         | Area (m²)       | Percentage Impervious (%) | Urban Creep (%) | Adjusted Percentage Impervious (%) | Area Analysed (m²) |
|----------------------|------------------|------------|-----------------------|-----------------|---------------------------|-----------------|------------------------------------|--------------------|
| Catchment Area IC01  | IC01             |            | Time of Concentration | 42.999          | 100                       | 0               | 100                                | 42.999             |
| Catchment Area IC01A | IC01A            |            | Time of Concentration | 40.760          | 100                       | 0               | 100                                | 40.760             |
| Catchment Area IC01B | IC01B            |            | Time of Concentration | 39.139          | 100                       | 0               | 100                                | 39.139             |
| Catchment Area IC02  | IC02             |            | Time of Concentration | 42.985          | 100                       | 0               | 100                                | 42.985             |
| Catchment Area IC03A | IC03A            |            | Time of Concentration | 37.668          | 100                       | 0               | 100                                | 37.668             |
| Catchment Area IC03B | IC03B            |            | Time of Concentration | 38.462          | 100                       | 0               | 100                                | 38.462             |
| Catchment Area IC03C | IC03C            |            | Time of Concentration | 40.615          | 100                       | 0               | 100                                | 40.615             |
| Catchment Area IC04  | IC04             |            | Time of Concentration | 36.730          | 100                       | 0               | 100                                | 36.730             |
| Catchment Area IC09A | MH09B            |            | Time of Concentration | 91.424          | 100                       | 0               | 100                                | 91.424             |
| Catchment Area IC10  | IC10             |            | Time of Concentration | 41.428          | 100                       | 0               | 100                                | 41.428             |
| Catchment Area IC11A | MH11B            |            | Time of Concentration | 68.236          | 100                       | 0               | 100                                | 68.236             |
| Catchment Area IC11B | MH11A            |            | Time of Concentration | 76.981          | 100                       | 0               | 100                                | 76.981             |
| Catchment Area IC13A | IC13A            |            | Time of Concentration | 36.355          | 100                       | 0               | 100                                | 36.355             |
| Catchment Area MH09  | MH09             |            | Time of Concentration | 80.198          | 100                       | 0               | 100                                | 80.198             |
| Catchment Area PP-A1 | Porous Paving A1 |            | Time of Concentration | 46.439          | 100                       | 0               | 100                                | 46.439             |
| Catchment Area PP-A2 | Porous Paving A2 |            | Time of Concentration | 31.331          | 100                       | 0               | 100                                | 31.331             |
| Catchment Area PP-B1 | Porous Paving B1 |            | Time of Concentration | 47.526          | 100                       | 0               | 100                                | 47.526             |
| Catchment Area PP-B2 | Porous Paving B2 |            | Time of Concentration | 50.567          | 100                       | 0               | 100                                | 50.567             |
| Catchment Area PP-C1 | Porous Paving C1 |            | Time of Concentration | 49.962          | 100                       | 0               | 100                                | 49.962             |
| Catchment Area PP-C2 | Porous Paving C2 |            | Time of Concentration | 50.100          | 100                       | 0               | 100                                | 50.100             |
| Catchment Area PP-D1 | Porous Paving D1 |            | Time of Concentration | 21.734          | 100                       | 0               | 100                                | 21.734             |
| Catchment Area PP-D2 | Porous Paving D2 |            | Time of Concentration | 18.048          | 100                       | 0               | 100                                | 18.048             |
| Catchment Area PP-E1 | Porous Paving E1 |            | Time of Concentration | 21.114          | 100                       | 0               | 100                                | 21.114             |
| Catchment Area PP-E2 | Porous Paving E2 |            | Time of Concentration | 25.388          | 100                       | 0               | 100                                | 25.388             |
| Catchment Area PP-F1 | Porous Paving F1 |            | Time of Concentration | 21.443          | 100                       | 0               | 100                                | 21.443             |
| Catchment Area PP-F2 | Porous Paving F2 |            | Time of Concentration | 22.175          | 100                       | 0               | 100                                | 22.175             |
| Catchment Area PP-G1 | Porous Paving G1 |            | Time of Concentration | 16.541          | 100                       | 0               | 100                                | 16.541             |
| Catchment Area PP-G2 | Porous Paving G2 |            | Time of Concentration | 19.216          | 100                       | 0               | 100                                | 19.216             |
| Catchment Area RG01  | RG01             |            | Time of Concentration | 113.506         | 100                       | 0               | 100                                | 113.506            |
| Catchment Area RG2   | RG02             |            | Time of Concentration | 78.487          | 100                       | 0               | 100                                | 78.487             |
| Catchment Area RG03  | RG03             |            | Time of Concentration | 151.306         | 100                       | 0               | 100                                | 151.306            |
| Catchment Area RG04  | RG04             |            | Time of Concentration | 170.940         | 100                       | 0               | 100                                | 170.940            |
| Catchment Area RG05  | RG05             |            | Time of Concentration | 166.946         | 100                       | 0               | 100                                | 166.946            |
| <b>TOTAL</b>         |                  | <b>0.0</b> |                       | <b>1836.746</b> |                           |                 |                                    | <b>1836.746</b>    |

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
|                                                                                                                       |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Network Design Criteria<br>Storm Phase: Proposed SW                                          |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |

Flow Options

|                          |                               |
|--------------------------|-------------------------------|
| Peak Flow Calculation    | (UK) Modified Rational Method |
| Min. Time of Entry (hrs) | 0.083                         |
| Max. Travel Time (hrs)   | 0.50                          |

FSR

Type: FSR

|                       |                   |
|-----------------------|-------------------|
| Return Period (years) | 1.0               |
| Region                | England And Wales |
| M5-60 (mm)            | 18.0              |
| Ratio R               | 0.357             |

|                       |                          |
|-----------------------|--------------------------|
| Lock Slope Options    | None                     |
| Design Options        | Minimise Excavation      |
| Design Level          | Level Soffits            |
| Min. Cover Depth (m)  | 1.200                    |
| Min. Slope (1:X)      | 500.00                   |
| Max. Slope (1:X)      | 40.00                    |
| Min. Velocity (m/s)   | 1.0                      |
| Max. Velocity (m/s)   | 3.0                      |
| Use Flow Restriction  | <input type="checkbox"/> |
| Reduce Channel Depths | <input type="checkbox"/> |

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
|                                                                                                                       |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Outfall Details<br>Storm Phase: Proposed SW                                                  |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley, L33 7UY |             |                                                                                    |              |

Outfalls

| Outfall          | Outfall Type   | Fixed Surcharged Level (m) | Level Curve |
|------------------|----------------|----------------------------|-------------|
| Porous Paving F2 | Free Discharge |                            |             |
| Ex. MH1          | Free Discharge |                            |             |

|                                                                                                                       |  |                                                                                             |                     |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|---------------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |                     |
|                                                                                                                       |  | Designed by:<br>KGB                                                                         | Checked by:<br><br> |
|                                                                                                                       |  | Approved By:<br><br>                                                                        |                     |
| Report Details:<br>Type: Inflows Summary<br>Storm Phase: Proposed SW                                                  |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley, L33 7UY |                     |



**Critical Storm Per Item: Rank By: Max. Inflow**

| Inflow               | Storm Event                                   | Inflow Area (m²) | Max. Inflow (L/s) | Total Inflow Volume (m³) |
|----------------------|-----------------------------------------------|------------------|-------------------|--------------------------|
| Catchment Area IC01  | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 43.00            | 2.4               | 1.108                    |
| Catchment Area PP-G2 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 19.22            | 1.1               | 0.495                    |
| Catchment Area IC03A | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 37.67            | 2.1               | 0.969                    |
| Catchment Area PP-G1 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 16.54            | 0.9               | 0.426                    |
| Catchment Area IC03B | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 38.46            | 2.1               | 0.988                    |
| Catchment Area IC01A | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 40.76            | 2.3               | 1.049                    |
| Catchment Area IC03C | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 40.61            | 2.3               | 1.045                    |
| Catchment Area IC01B | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 39.14            | 2.2               | 1.005                    |
| Catchment Area IC02  | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 42.98            | 2.4               | 1.106                    |
| Catchment Area IC04  | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 36.73            | 2.0               | 0.946                    |
| Catchment Area RG04  | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 170.94           | 9.5               | 4.396                    |
| Catchment Area RG03  | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 151.31           | 8.4               | 3.891                    |
| Catchment Area RG01  | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 113.51           | 6.3               | 2.918                    |
| Catchment Area RG05  | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 166.95           | 9.3               | 4.292                    |
| Catchment Area IC09A | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 91.42            | 5.1               | 2.351                    |
| Catchment Area IC11A | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 68.24            | 3.8               | 1.754                    |
| Catchment Area IC11B | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 76.98            | 4.3               | 1.981                    |
| Catchment Area MH09  | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 80.20            | 4.5               | 2.063                    |
| Catchment Area IC10  | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 41.43            | 2.3               | 1.065                    |
| Catchment Area IC13A | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 36.36            | 2.0               | 0.935                    |
| Catchment Area PP-F2 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 22.18            | 1.2               | 0.571                    |

|                                                                                                                              |  |                                                                                                                  |                     |
|------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|---------------------|
| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br><b>19/01/2026</b>                                                                                       |                     |
|                                                                                                                              |  | Designed by:<br><b>KGB</b>                                                                                       | Checked by:<br><br> |
|                                                                                                                              |  | Approved By:<br><br>                                                                                             |                     |
| Report Details:<br>Type: Inflows Summary<br>Storm Phase: Proposed SW                                                         |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley. L33 7UY</b> |                     |



|                      |                                               |       |     |       |
|----------------------|-----------------------------------------------|-------|-----|-------|
| Catchment Area PP-F1 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 21.44 | 1.2 | 0.551 |
| Catchment Area PP-E2 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 25.39 | 1.4 | 0.652 |
| Catchment Area PP-E1 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 21.11 | 1.2 | 0.543 |
| Catchment Area PP-D2 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 18.05 | 1.0 | 0.466 |
| Catchment Area PP-D1 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 21.73 | 1.2 | 0.558 |
| Catchment Area PP-C2 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 50.10 | 2.8 | 1.288 |
| Catchment Area PP-C1 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 49.96 | 2.8 | 1.284 |
| Catchment Area PP-B2 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 50.57 | 2.8 | 1.300 |
| Catchment Area PP-B1 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 47.53 | 2.6 | 1.222 |
| Catchment Area PP-A2 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 31.33 | 1.7 | 0.804 |
| Catchment Area PP-A1 | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 46.44 | 2.6 | 1.194 |
| Catchment Area RG2   | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | 78.49 | 4.4 | 2.018 |

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
|                                                                                                                       |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Proposed SW                                                |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



**Critical Storm Per Item: Rank By: Max. Flooded Volume**

| Junction   | Storm Event                             | Cover Level (m) | Invert Level (m) | Max. Level (m) | Max. Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Status     |
|------------|-----------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|------------|
| IC02       | FSR: 100 years: +45 %: 0.25 hrs: Summer | 87.074          | 85.774           | 85.801         | 0.027          | 2.3               | 0.008                     | 0.000                    | 2.3                | 0.985                       | OK         |
| MH01C      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.978          | 84.885           | 85.101         | 0.216          | 8.6               | 0.244                     | 0.000                    | 8.4                | 2.879                       | OK         |
| IC04       | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.907          | 85.647           | 85.671         | 0.024          | 2.7               | 0.007                     | 0.000                    | 2.7                | 1.298                       | OK         |
| IC01B      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.840          | 85.705           | 85.742         | 0.037          | 6.4               | 0.010                     | 0.000                    | 6.4                | 2.817                       | OK         |
| MH01D      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.836          | 84.682           | 85.100         | 0.418          | 20.3              | 0.739                     | 0.000                    | 16.9               | 7.111                       | OK         |
| IC03C      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.760          | 85.092           | 85.167         | 0.075          | 9.2               | 0.021                     | 0.000                    | 9.1                | 4.374                       | OK         |
| IC01A      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.708          | 85.929           | 85.981         | 0.052          | 4.4               | 0.015                     | 0.000                    | 4.3                | 1.919                       | OK         |
| MH01E      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.707          | 84.671           | 85.100         | 0.429          | 26.8              | 0.758                     | 0.000                    | 19.2               | 8.512                       | OK         |
| IC10       | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.619          | 86.090           | 86.111         | 0.021          | 2.8               | 0.006                     | 0.000                    | 2.8                | 1.390                       | OK         |
| IC13A      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.507          | 85.800           | 85.848         | 0.048          | 4.1               | 0.013                     | 0.000                    | 4.1                | 1.863                       | OK         |
| IC03B      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.503          | 85.340           | 85.399         | 0.059          | 5.5               | 0.017                     | 0.000                    | 5.5                | 2.503                       | OK         |
| MH01F      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.482          | 84.622           | 85.099         | 0.478          | 41.3              | 0.844                     | 0.000                    | 26.7               | 15.221                      | OK         |
| IC01       | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.462          | 86.065           | 86.101         | 0.036          | 2.3               | 0.010                     | 0.000                    | 2.3                | 0.986                       | OK         |
| IC13B      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.437          | 85.650           | 85.670         | 0.020          | 4.1               | 0.006                     | 0.000                    | 4.1                | 1.860                       | OK         |
| RG04       | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.405          | 85.700           | 85.746         | 0.046          | 9.1               | 0.007                     | 0.000                    | 9.0                | 3.922                       | OK         |
| IC03A      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.381          | 85.450           | 85.490         | 0.040          | 2.7               | 0.011                     | 0.000                    | 2.7                | 1.269                       | OK         |
| MH09       | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.293          | 84.675           | 85.100         | 0.425          | 28.3              | 0.270                     | 0.000                    | 21.4               | 11.303                      | OK         |
| MH01G      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.259          | 84.583           | 85.099         | 0.516          | 30.9              | 0.912                     | 0.000                    | 9.9                | 12.475                      | OK         |
| RG03       | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.172          | 85.400           | 85.460         | 0.060          | 8.0               | 0.010                     | 0.000                    | 8.0                | 3.473                       | OK         |
| MH11       | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.133          | 84.628           | 85.099         | 0.471          | 16.6              | 0.533                     | 0.000                    | 3.7                | 4.227                       | OK         |
| MH09A      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.122          | 84.751           | 85.100         | 0.349          | 25.4              | 0.222                     | 0.000                    | 21.0               | 9.992                       | OK         |
| MH11A      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.120          | 84.711           | 85.100         | 0.389          | 13.2              | 0.440                     | 0.000                    | 2.9                | 1.734                       | OK         |
| MH09B      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.093          | 84.895           | 85.100         | 0.205          | 16.1              | 0.130                     | 0.000                    | 16.1               | 7.149                       | OK         |
| RG02       | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.076          | 85.500           | 85.560         | 0.060          | 4.2               | 0.010                     | 0.000                    | 4.1                | 1.798                       | OK         |
| MH12 (HB)  | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.053          | 84.383           | 85.099         | 0.716          | 9.9               | 0.810                     | 0.000                    | 4.8                | 6.588                       | Surcharged |
| RG01       | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.052          | 85.500           | 85.561         | 0.061          | 6.0               | 0.010                     | 0.000                    | 6.0                | 2.604                       | OK         |
| RG05       | FSR: 100 years: +45 %: 0.25 hrs: Summer | 85.986          | 85.300           | 85.337         | 0.037          | 8.8               | 0.006                     | 0.000                    | 8.8                | 3.829                       | OK         |
| MH13 (DC1) | FSR: 100 years: +45 %: 0.25 hrs: Summer | 85.945          | 84.401           | 84.457         | 0.056          | 4.8               | 0.064                     | 0.000                    | 4.8                | 6.436                       | OK         |
| Ex. MH1    | FSR: 100 years: +45 %: 0.25 hrs: Summer | 85.873          | 84.318           | 84.371         | 0.053          | 4.8               | 0.000                     | 0.000                    | 4.8                | 6.436                       | OK         |
| MH11B      | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.150          | 84.958           | 85.100         | 0.142          | 4.4               | 0.161                     | 0.000                    | 3.6                | 1.439                       | OK         |

|                                                                                                                       |  |                                                                                             |             |                                                                                    |              |
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| Project:<br>Residential Development - AS-BUILT<br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br>19/01/2026                                                                         |             |  |              |
|                                                                                                                       |  | Designed by:<br>KGB                                                                         | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Stormwater Controls Summary<br>Storm Phase: Proposed SW                                      |  | Company Address:<br>KGB Infrastructure<br>North Mersey Business Centre<br>Knowsley. L33 7UY |             |                                                                                    |              |



Critical Storm Per Item: Rank By: Max. Flooded Volume

| Stormwater Control | Storm Event                             | Max. US Level (m) | Max. DS Level (m) | Max. US Depth (m) | Max. DS Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Total Lost Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Percentage Available (%) | Status |
|--------------------|-----------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|--------------------------|------------------------|--------------------|-----------------------------|--------------------------|--------|
| Porous Paving C2   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 85.872            | 85.848            | 0.060             | 0.048             | 2.7               | 0.575                     | 0.000                    | 0.000                  | 2.0                | 1.057                       | 74.158                   | OK     |
| Porous Paving C1   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 85.850            | 85.826            | 0.060             | 0.048             | 2.6               | 0.570                     | 0.000                    | 0.000                  | 2.0                | 1.057                       | 74.224                   | OK     |
| Porous Paving B2   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 85.910            | 85.885            | 0.060             | 0.048             | 2.7               | 0.577                     | 0.000                    | 0.000                  | 2.0                | 1.068                       | 74.146                   | OK     |
| Porous Paving B1   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 85.987            | 85.963            | 0.058             | 0.045             | 2.5               | 0.534                     | 0.000                    | 0.000                  | 1.9                | 1.003                       | 75.096                   | OK     |
| Porous Paving A2   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.221            | 86.219            | 0.063             | 0.072             | 1.7               | 0.372                     | 0.000                    | 0.000                  | 1.1                | 0.505                       | 68.331                   | OK     |
| Porous Paving A1   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.312            | 86.289            | 0.062             | 0.051             | 2.5               | 0.306                     | 0.000                    | 0.000                  | 2.3                | 1.038                       | 73.512                   | OK     |
| Porous Paving D1   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.657            | 86.629            | 0.042             | 0.029             | 1.1               | 0.230                     | 0.000                    | 0.000                  | 0.9                | 0.462                       | 83.516                   | OK     |
| Porous Paving D2   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.523            | 86.484            | 0.035             | 0.008             | 1.0               | 0.117                     | 0.000                    | 0.000                  | 0.9                | 0.389                       | 89.920                   | OK     |
| Porous Paving E1   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.478            | 86.462            | 0.037             | 0.027             | 1.1               | 0.206                     | 0.000                    | 0.000                  | 0.9                | 0.453                       | 84.566                   | OK     |
| Porous Paving E2   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.365            | 86.333            | 0.045             | 0.030             | 1.3               | 0.289                     | 0.000                    | 0.000                  | 1.0                | 0.530                       | 82.387                   | OK     |
| Porous Paving F1   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.280            | 86.254            | 0.041             | 0.028             | 1.1               | 0.222                     | 0.000                    | 0.000                  | 0.9                | 0.455                       | 83.672                   | OK     |
| Porous Paving G1   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.181            | 86.182            | 0.080             | 0.094             | 0.9               | 0.434                     | 0.000                    | 0.000                  | 0.4                | 0.198                       | 59.726                   | OK     |
| Porous Paving G2   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.068            | 86.053            | 0.035             | 0.026             | 1.0               | 0.185                     | 0.000                    | 0.000                  | 0.9                | 0.412                       | 85.054                   | OK     |
| Porous Paving F2   | FSR: 100 years: +45 %: 0.25 hrs: Summer | 86.191            | 86.151            | 0.038             | 0.011             | 1.2               | 0.157                     | 0.000                    | 0.000                  | 1.1                | 0.479                       | 88.437                   | OK     |

|                                                                                                                              |  |                                                                                                                  |             |                                                                                    |              |
|------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|--------------|
| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  | Date:<br><b>19/01/2026</b>                                                                                       |             |  |              |
|                                                                                                                              |  | Designed by:<br><b>KGB</b>                                                                                       | Checked by: |                                                                                    | Approved By: |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Proposed SW                                                     |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley. L33 7UY</b> |             |                                                                                    |              |



**Critical Storm Per Item: Rank By: Max. Flow**

| Connection | Storm Event                                   | Connection Type | From       | To         | Upstream Cover Level (m) | Max. US Water Level (m) | Max. Flow Depth (m) | Discharge Volume (m³) | Max. Velocity (m/s) | Flow / Capacity | Max. Flow (L/s) | Status     |
|------------|-----------------------------------------------|-----------------|------------|------------|--------------------------|-------------------------|---------------------|-----------------------|---------------------|-----------------|-----------------|------------|
| 1.000      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | IC01       | IC01A      | 86.462                   | 86.102                  | 0.045               | 1.107                 | 0.5                 | 0.13            | 2.4             | OK         |
| 1.001      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | IC01A      | IC01B      | 86.708                   | 85.983                  | 0.053               | 2.153                 | 0.8                 | 0.26            | 4.5             | OK         |
| 1.002      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | IC01B      | MH01C      | 86.840                   | 85.743                  | 0.037               | 3.154                 | 1.5                 | 0.06            | 6.7             | OK         |
| 1.003      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | MH01C      | MH01D      | 86.978                   | 85.151                  | 0.292               | 2.884                 | 0.6                 | 0.02            | 9.2             | OK         |
| 1.004      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Summer | Pipe            | MH01D      | MH01E      | 86.836                   | 85.100                  | 0.424               | 6.962                 | 0.3                 | 0.03            | 16.9            | OK         |
| 1.005      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Summer | Pipe            | MH01E      | MH01F      | 86.707                   | 85.100                  | 0.453               | 8.420                 | 0.4                 | 0.04            | 19.2            | OK         |
| 1.006      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | MH01F      | MH01G      | 86.482                   | 85.150                  | 0.547               | 16.587                | 0.4                 | 0.06            | 28.4            | OK         |
| 1.008      | FSR: 100 years:<br>+45 %: 2.00 hrs:<br>Winter | Pipe            | MH12 (HB)  | MH13 (DC1) | 86.053                   | 85.645                  | 0.046               | 58.528                | 0.8                 | 0.05            | 4.9             | Surcharged |
| 1.009      | FSR: 100 years:<br>+45 %: 2.00 hrs:<br>Winter | Pipe            | MH13 (DC1) | Ex. MH1    | 85.945                   | 84.458                  | 0.055               | 58.423                | 0.8                 | 0.27            | 4.9             | OK         |
| 2.000      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | IC02       | MH01C      | 87.074                   | 85.802                  | 0.027               | 1.105                 | 1.4                 | 0.16            | 2.4             | OK         |
| 3.000      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | IC03A      | IC03B      | 86.381                   | 85.491                  | 0.051               | 1.427                 | 0.5                 | 0.16            | 2.8             | OK         |
| 3.001      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | IC03B      | IC03C      | 86.503                   | 85.401                  | 0.060               | 2.814                 | 0.9                 | 0.32            | 5.8             | OK         |
| 3.002      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | IC03C      | MH01D      | 86.760                   | 85.169                  | 0.096               | 4.871                 | 0.8                 | 0.23            | 9.7             | OK         |
| 9.000      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | MH09B      | MH09A      | 86.093                   | 85.150                  | 0.327               | 7.930                 | 0.7                 | 0.04            | 17.0            | OK         |
| 9.002      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | MH09       | MH01F      | 86.293                   | 85.150                  | 0.450               | 12.682                | 0.5                 | 0.12            | 21.6            | Surcharged |
| 10.000     | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | IC10       | MH01F      | 86.619                   | 86.113                  | 0.089               | 1.589                 | 1.9                 | 0.05            | 3.1             | OK         |
| 13.000     | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | IC13A      | IC13B      | 86.507                   | 85.849                  | 0.034               | 2.091                 | 1.4                 | 0.19            | 4.3             | OK         |
| 1.007      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | MH01G      | MH12 (HB)  | 86.259                   | 85.150                  | 0.559               | 9.170                 | 0.4                 | 0.02            | 10.7            | OK         |
| 13.001     | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | IC13B      | MH01G      | 86.437                   | 85.671                  | 0.150               | 2.087                 | 2.5                 | 0.04            | 4.3             | OK         |
| 11.000     | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | MH11B      | MH11A      | 86.150                   | 85.150                  | 0.316               | 1.092                 | 0.4                 | 0               | 3.8             | OK         |
| 11.001     | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe            | MH11A      | MH11       | 86.120                   | 85.151                  | 0.481               | 0.534                 | 0.3                 | 0               | 3.8             | OK         |

|                                                                                                                              |  |  |  |                                                                                                                  |  |             |  |                                                                                    |  |  |  |              |  |
|------------------------------------------------------------------------------------------------------------------------------|--|--|--|------------------------------------------------------------------------------------------------------------------|--|-------------|--|------------------------------------------------------------------------------------|--|--|--|--------------|--|
| Project:<br><b>Residential Development - AS-BUILT</b><br>Terence Street, Manchester<br>1 in 100 yr Event +45% Climate Change |  |  |  | Date:<br><b>19/01/2026</b>                                                                                       |  |             |  |  |  |  |  |              |  |
|                                                                                                                              |  |  |  | Designed by:<br><b>KGB</b>                                                                                       |  | Checked by: |  |                                                                                    |  |  |  | Approved By: |  |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Proposed SW                                                     |  |  |  | Company Address:<br><b>KGB Infrastructure</b><br><b>North Mersey Business Centre</b><br><b>Knowsley, L33 7UY</b> |  |             |  |                                                                                    |  |  |  |              |  |

|            |                                               |      |                        |       |        |        |       |        |     |      |      |    |
|------------|-----------------------------------------------|------|------------------------|-------|--------|--------|-------|--------|-----|------|------|----|
| 11.002     | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Summer | Pipe | MH11                   | MH01G | 86.133 | 85.099 | 0.494 | 0.636  | 0.3 | 0    | 3.7  | OK |
| 9.001      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | MH09A                  | MH09  | 86.122 | 85.150 | 0.437 | 11.058 | 0.6 | 0.09 | 21.4 | OK |
| 4.000      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | IC04                   | MH01D | 86.907 | 85.672 | 0.033 | 1.459  | 1.5 | 0.06 | 2.8  | OK |
| 8.000      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | RG04                   | MH01E | 86.405 | 85.747 | 0.091 | 4.391  | 2.1 | 0.19 | 9.5  | OK |
| 12.000     | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | RG05                   | MH11  | 85.986 | 85.335 | 0.150 | 4.291  | 2.6 | 0.12 | 9.3  | OK |
| A1 Outfall | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | Porous<br>Paving<br>A1 | IC13A | 86.550 | 86.296 | 0.035 | 1.162  | 1.0 | 0.1  | 2.4  | OK |
| B1 Outfall | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | Porous<br>Paving<br>B1 | MH09  | 86.229 | 85.972 | 0.017 | 1.129  | 2.3 | 0.06 | 2.1  | OK |
| A2 Outfall | FSR: 100 years:<br>+45 %: 0.50 hrs:<br>Summer | Pipe | Porous<br>Paving<br>A2 | IC10  | 86.458 | 86.217 | 0.032 | 0.735  | 0.6 | 0.21 | 1.2  | OK |
| B2 Outfall | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | Porous<br>Paving<br>B2 | MH09  | 86.150 | 85.894 | 0.020 | 1.200  | 2.0 | 0.08 | 2.2  | OK |
| C1 Outfall | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | Porous<br>Paving<br>C1 | MH09A | 86.091 | 85.834 | 0.021 | 1.184  | 1.8 | 0.09 | 2.2  | OK |
| C2 Outfall | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | Porous<br>Paving<br>C2 | MH09B | 86.112 | 85.856 | 0.022 | 1.186  | 1.7 | 0.1  | 2.2  | OK |
| G2 Outfall | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | Porous<br>Paving<br>G2 | IC03A | 86.333 | 86.058 | 0.010 | 0.463  | 2.1 | 0.02 | 0.9  | OK |
| G1 Outfall | FSR: 100 years:<br>+45 %: 2.00 hrs:<br>Winter | Pipe | Porous<br>Paving<br>G1 | IC03B | 86.401 | 86.215 | 0.100 | 4.243  | 0.9 | 0.02 | 0.5  | OK |
| F1 Outfall | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | Porous<br>Paving<br>F1 | IC03C | 86.539 | 86.261 | 0.012 | 0.510  | 1.9 | 0.03 | 1.0  | OK |
| E2 Outfall | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | Porous<br>Paving<br>E2 | IC03C | 86.619 | 86.342 | 0.011 | 0.597  | 2.3 | 0.03 | 1.1  | OK |
| D1 Outfall | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | Porous<br>Paving<br>D1 | IC04  | 86.915 | 86.636 | 0.019 | 0.516  | 1.1 | 0.04 | 1.0  | OK |
| Pipe       | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | Porous<br>Paving<br>F2 | IC03B | 86.453 | 86.165 | 0.036 | 0.408  | 0.4 | 0.03 | 0.9  | OK |
| D2 Outfall | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | Porous<br>Paving<br>D2 | MH01E | 86.788 | 86.498 | 0.100 | 0.441  | 0.1 | 0.02 | 1.0  | OK |
| E1 Outfall | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | Porous<br>Paving<br>E1 | MH01D | 86.742 | 86.468 | 0.100 | 0.507  | 0.1 | 0.02 | 1.0  | OK |
| 5.000      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | RG01                   | MH09B | 86.052 | 85.563 | 0.061 | 2.917  | 0.9 | 0.33 | 6.3  | OK |
| 6.000      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | RG02                   | MH09B | 86.076 | 85.562 | 0.060 | 2.017  | 0.9 | 0.64 | 4.3  | OK |
| 7.000      | FSR: 100 years:<br>+45 %: 0.25 hrs:<br>Winter | Pipe | RG03                   | MH09A | 86.172 | 85.462 | 0.060 | 3.890  | 1.3 | 0.32 | 8.4  | OK |