## Design Settings

| | | | | | |
|---|---|---|---|---|---|
| Frequency of use (kDU) | 1.00 | Additional Flow (%) | 0 | Preferred Cover Depth (m) | 1.200 |
| Flow per dwelling per day (l/day) | 4000 | Minimum Velocity (m/s) | 0.75 | Include Intermediate Ground | ✓ |
| Domestic Flow (l/s/ha) | 225.0 | Connection Type | Level Soffits | | |
| Industrial Flow (l/s/ha) | 0.0 | Minimum Backdrop Height (m) | 0.200 | | |

## Nodes

| Name | Dwellings | Cover Level (m) | Manhole Type | Depth (m) |
|---|---|---|---|---|
| 01 | 13 | 108.290 | Adoptable | 1.890 |
| 03 | 0 | 107.700 | Adoptable | 1.900 |
| 05 | 11 | 106.851 | Adoptable | 1.951 |
| 07 | 5 | 106.750 | Adoptable | 2.050 |
| 09 | 0 | 105.996 | Adoptable | 1.996 |
| 11 | 5 | 105.492 | Adoptable | 1.992 |
| 13 | 2 | 104.087 | Adoptable | 1.987 |
| 15 | 4 | 104.263 | Adoptable | 2.863 |
| 17 | | 104.000 | Adoptable | 3.000 |

## Links

| Name | US Node | DS Node | Length (m) | US IL (m) | DS IL (m) | Slope (1:X) | Dia (mm) |
|---|---|---|---|---|---|---|---|
| 1.000 | 01 | 03 | 19.533 | 106.400 | 105.800 | 32.6 | 150 |
| 1.001 | 03 | 07 | 31.138 | 105.800 | 104.700 | 28.3 | 150 |
| 2.000 | 05 | 07 | 23.654 | 104.900 | 104.700 | 118.3 | 150 |
| 1.002 | 07 | 09 | 20.299 | 104.700 | 104.000 | 29.0 | 150 |
| 1.003 | 09 | 11 | 10.118 | 104.000 | 103.500 | 20.2 | 150 |
| 1.004 | 11 | 13 | 27.974 | 103.500 | 102.100 | 20.0 | 150 |
| 1.005 | 13 | 15 | 54.623 | 102.100 | 101.400 | 78.0 | 150 |
| 1.006 | 15 | 17 | 50.235 | 101.400 | 101.000 | 125.6 | 150 |

| Name | Pro Vel @ 1/3 Q (m/s) | Vel (m/s) | Cap (l/s) | Flow (l/s) | Σ Area (ha) | Σ Dwellings (ha) | Σ Units (ha) | Σ Add Inflow (ha) | Pro Depth (mm) | Pro Velocity (m/s) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.000 | 0.479 | 1.770 | 31.3 | 0.6 | 0.000 | 13 | 0.0 | 0.0 | 14 | 0.686 |
| 1.001 | 0.515 | 1.899 | 33.6 | 0.6 | 0.000 | 13 | 0.0 | 0.0 | 14 | 0.716 |
| 2.000 | 0.292 | 0.923 | 16.3 | 0.5 | 0.000 | 11 | 0.0 | 0.0 | 18 | 0.418 |
| 1.002 | 0.645 | 1.876 | 33.2 | 1.3 | 0.000 | 29 | 0.0 | 0.0 | 21 | 0.925 |
| 1.003 | 0.749 | 2.249 | 39.7 | 1.3 | 0.000 | 29 | 0.0 | 0.0 | 19 | 1.049 |
| 1.004 | 0.780 | 2.263 | 40.0 | 1.6 | 0.000 | 34 | 0.0 | 0.0 | 20 | 1.097 |
| 1.005 | 0.496 | 1.139 | 20.1 | 1.7 | 0.000 | 36 | 0.0 | 0.0 | 29 | 0.688 |
| 1.006 | 0.430 | 0.895 | 15.8 | 1.9 | 0.000 | 40 | 0.0 | 0.0 | 35 | 0.602 |