

| Link ID | Length (m) | Slope (1:X) | Dia (mm) | Link Type | US CL (m) | US IL (m) | US Depth (m) | DS CL (m) | DS IL (m) | DS Depth (m) | US Node ID | Dia (mm) | US Width (mm) | US Node Type | Dia (mm) | DS Width (mm) | DS Node Type | DS Manhole Type |
|---------|------------|-------------|----------|-----------|-----------|-----------|--------------|-----------|-----------|--------------|------------|----------|---------------|--------------|----------|---------------|--------------|-----------------|
| 40.000  | 59.990     | 599.9       | 525      | Circular  | 3.938     | 1.600     | 1.813        | 4.348     | 1.500     | 2.323        | AO1        | 1500     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |
| 40.001  | 60.038     | 300.2       | 750      | Circular  | 4.348     | 1.500     | 2.098        | 4.133     | 1.300     | 2.083        | AO2        | 1800     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |
| 40.002  | 60.025     | 571.7       | 900      | Circular  | 4.133     | 1.300     | 1.933        | 4.035     | 1.195     | 1.940        | AO3        | 1800     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 40.003  | 84.627     | 735.9       | 1200     | Circular  | 4.035     | 1.195     | 1.640        | 4.000     | 1.080     | 1.720        | AO4        | 2100     |               | Manhole      | 2400     |               | Manhole      | Adoptable       |
| 40.004  | 35.187     | 879.7       | 1200     | Circular  | 4.000     | 1.080     | 1.720        | 4.556     | 1.040     | 2.316        | AO5        | 2400     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 40.005  | 59.839     | 1000.0      | 1200     | Circular  | 4.556     | 1.040     | 2.316        | 5.158     | 0.980     | 2.978        | AO6        | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 40.006  | 59.850     | 997.5       | 1200     | Circular  | 5.158     | 0.980     | 2.978        | 5.027     | 0.920     | 2.907        | AO7        | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 40.007  | 59.987     | 999.8       | 1200     | Circular  | 5.027     | 0.920     | 2.907        | 5.271     | 0.860     | 3.211        | AO8        | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 40.008  | 53.332     | 888.9       | 1200     | Circular  | 5.271     | 0.860     | 3.211        | 5.093     | 0.800     | 3.093        | AO9        | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 41.000  | 38.776     | 775.5       | 1200     | Circular  | 3.450     | 1.150     | 1.100        | 3.459     | 1.100     | 1.159        | AO10       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 41.001  | 27.496     | 549.9       | 1200     | Circular  | 3.459     | 1.100     | 1.159        | 3.547     | 1.050     | 1.297        | AO11       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 41.002  | 58.472     | 1169.4      | 1200     | Circular  | 3.547     | 1.050     | 1.297        | 3.564     | 1.000     | 1.384        | AO12       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 41.003  | 45.712     | 914.2       | 1200     | Circular  | 3.564     | 1.000     | 1.384        | 3.534     | 0.950     | 1.384        | AO13       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 41.004  | 45.198     | 500.0       | 1200     | Circular  | 3.534     | 0.950     | 1.384        | 5.093     | 0.860     | 3.033        | AO14       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 40.009  | 62.037     | 1000.6      | 1200     | Circular  | 5.093     | 0.800     | 3.093        | 5.315     | 0.738     | 3.377        | AO15       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 42.000  | 29.837     | 87.8        | 750      | Circular  | 5.250     | 3.300     | 1.200        | 5.250     | 2.960     | 1.540        | AO16       | 1800     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 42.001  | 10.406     | 30.2        | 750      | Circular  | 5.250     | 2.960     | 1.540        | 5.315     | 2.615     | 1.950        | AO17       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 40.010  | 15.242     | 1016.1      | 1200     | Circular  | 5.315     | 0.821     | 3.294        | 5.458     | 0.806     | 3.452        | AO18       | 2100     |               | Manhole      | 3000     |               | Manhole      | Adoptable       |
| 43.000  | 56.923     | 1000.0      | 1200     | Circular  | 5.093     | 0.311     | 3.582        | 5.654     | 0.254     | 4.200        | AO19       | 3000     |               | Manhole      | 3000     |               | Manhole      | Adoptable       |
| 43.001  | 32.988     | 1000.0      | 1200     | Circular  | 5.654     | 0.254     | 4.200        | 5.458     | 0.221     | 4.037        | AO20       | 3000     |               | Manhole      | 3000     |               | Manhole      | Adoptable       |
| 40.011  | 36.869     | 1000.0      | 1200     | Circular  | 5.458     | 0.221     | 4.037        | 5.501     | 0.184     | 4.117        | AO21       | 3000     |               | Manhole      | 3000     |               | Manhole      | Adoptable       |
| 40.012  | 40.035     | 1000.0      | 1200     | Circular  | 5.501     | 0.184     | 4.117        | 5.501     | 0.144     | 4.157        | AO22       | 3000     |               | Manhole      | 3000     |               | Manhole      | Adoptable       |
| 40.013  | 26.939     | 1000.0      | 1200     | Circular  | 5.501     | 0.144     | 4.157        | 5.348     | 0.117     | 4.031        | AO23       | 3000     |               | Manhole      | 3000     |               | Manhole      | Adoptable       |
| 44.000  | 40.154     | 535.4       | 1800     | Circular  | 5.250     | 0.275     | 3.175        | 5.250     | 0.200     | 3.250        | AO24       | 2700     |               | Manhole      | 2700     |               | Manhole      | Adoptable       |
| 44.001  | 35.609     | 712.2       | 1800     | Circular  | 5.250     | 0.200     | 3.250        | 5.250     | 0.150     | 3.300        | AO25       | 2700     |               | Manhole      | 2700     |               | Manhole      | Adoptable       |
| 44.002  | 24.441     | 740.6       | 1800     | Circular  | 5.250     | 0.150     | 3.300        | 5.348     | 0.117     | 3.431        | AO26       | 2700     |               | Manhole      | 3000     |               | Manhole      | Adoptable       |
| 40.014  | 59.821     | 500.0       | 1800     | Circular  | 5.348     | 0.117     | 3.431        | 5.656     | -0.003    | 3.859        | AO27       | 3000     |               | Manhole      | 2700     |               | Manhole      | Adoptable       |
| 45.000  | 49.728     | 169.7       | 450      | Circular  | 5.242     | 3.592     | 1.200        | 5.250     | 3.299     | 1.501        | AO28       | 1350     |               | Manhole      | 1350     |               | Manhole      | Adoptable       |
| 45.001  | 50.128     | 169.4       | 450      | Circular  | 5.250     | 3.299     | 1.501        | 5.250     | 3.003     | 1.797        | AO29       | 1350     |               | Manhole      | 1350     |               | Manhole      | Adoptable       |
| 45.002  | 50.127     | 244.5       | 525      | Circular  | 5.250     | 3.003     | 1.722        | 5.250     | 2.798     | 1.927        | AO30       | 1500     |               | Manhole      | 1500     |               | Manhole      | Adoptable       |
| 45.003  | 30.382     | 125.5       | 525      | Circular  | 5.250     | 2.798     | 1.927        | 5.250     | 2.556     | 2.189        | AO31       | 1500     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 46.000  | 109.610    | 500.0       | 1800     | Circular  | 5.250     | 2.250     | 1.200        | 5.244     | 2.031     | 1.213        | AO32       | 3000     |               | Manhole      | 3000     |               | Manhole      | Adoptable       |
| 46.001  | 35.684     | 158.6       | 1200     | Circular  | 5.044     | 2.031     | 1.813        | 5.250     | 1.806     | 2.244        | AO33       | 3000     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 45.004  | 24.787     | 260.9       | 1200     | Circular  | 5.250     | 1.806     | 2.244        | 5.251     | 1.711     | 2.340        | AO34       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 47.000  | 60.570     | 100.8       | 450      | Circular  | 5.244     | 3.594     | 1.200        | 5.250     | 2.993     | 1.807        | AO35       | 1350     |               | Manhole      | 1350     |               | Manhole      | Adoptable       |
| 47.001  | 50.127     | 169.3       | 450      | Circular  | 5.250     | 2.993     | 1.807        | 5.250     | 2.697     | 2.103        | AO36       | 1350     |               | Manhole      | 1500     |               | Manhole      | Adoptable       |
| 47.002  | 50.127     | 244.5       | 525      | Circular  | 5.250     | 2.697     | 2.028        | 5.251     | 2.492     | 2.234        | AO37       | 1500     |               | Manhole      | 1500     |               | Manhole      | Adoptable       |
| 47.003  | 32.078     | 96.9        | 525      | Circular  | 5.251     | 2.492     | 2.234        | 5.251     | 2.161     | 2.565        | AO38       | 1500     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 45.005  | 25.094     | 583.6       | 1200     | Circular  | 5.251     | 1.711     | 2.340        | 5.250     | 1.668     | 2.382        | AO39       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 48.000  | 67.037     | 95.4        | 600      | Circular  | 5.292     | 3.492     | 1.200        | 5.250     | 2.789     | 1.861        | AO40       | 1800     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |
| 48.001  | 50.127     | 169.3       | 600      | Circular  | 5.250     | 2.789     | 1.861        | 5.250     | 2.493     | 2.157        | AO41       | 1800     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |
| 48.002  | 50.127     | 169.3       | 600      | Circular  | 5.250     | 2.493     | 2.157        | 5.250     | 2.197     | 2.453        | AO42       | 1800     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |
| 48.003  | 33.836     | 147.8       | 600      | Circular  | 5.250     | 2.197     | 2.453        | 5.250     | 1.968     | 2.682        | AO43       | 1800     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 45.006  | 26.425     | 1016.3      | 1200     | Circular  | 5.250     | 1.668     | 2.382        | 5.250     | 1.642     | 2.408        | AO44       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 49.000  | 31.075     | 100.9       | 525      | Circular  | 5.291     | 3.566     | 1.200        | 5.250     | 3.258     | 1.467        | AO45       | 1500     |               | Manhole      | 1500     |               | Manhole      | Adoptable       |
| 49.001  | 50.129     | 169.4       | 525      | Circular  | 5.250     | 3.258     | 1.467        | 5.250     | 2.962     | 1.763        | AO46       | 1500     |               | Manhole      | 1500     |               | Manhole      | Adoptable       |
| 49.002  | 50.129     | 244.5       | 525      | Circular  | 5.250     | 2.962     | 1.763        | 5.250     | 2.757     | 1.968        | AO47       | 1500     |               | Manhole      | 1500     |               | Manhole      | Adoptable       |
| 49.003  | 50.129     | 244.5       | 525      | Circular  | 5.250     | 2.757     | 1.968        | 5.250     | 2.552     | 2.173        | AO48       | 1500     |               | Manhole      | 1500     |               | Manhole      | Adoptable       |
| 49.004  | 35.688     | 244.4       | 600      | Circular  | 5.250     | 2.552     | 2.098        | 5.250     | 2.406     | 2.244        | AO49       | 1500     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 45.007  | 19.826     | 500.0       | 1200     | Circular  | 5.250     | 1.642     | 2.408        | 5.649     | 1.602     | 2.847        | AO50       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 50.000  | 50.242     | 100.9       | 525      | Circular  | 5.520     | 3.795     | 1.200        | 5.524     | 3.297     | 1.702        | AO51       | 1500     |               | Manhole      | 1500     |               | Manhole      | Adoptable       |
| 50.001  | 50.167     | 100.7       | 600      | Circular  | 5.524     | 3.297     | 1.627        | 5.519     | 2.799     | 2.120        | AO52       | 1500     |               | Manhole      | 1500     |               | Manhole      | Adoptable       |
| 50.002  | 36.088     | 171.8       | 600      | Circular  | 5.519     | 2.799     | 2.120        | 5.649     | 2.589     | 2.480        | AO53       | 1500     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 45.008  | 62.702     | 764.7       | 1200     | Circular  | 5.649     | 1.602     | 2.847        | 5.654     | 1.520     | 2.934        | AO54       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 51.000  | 45.278     | 100.8       | 750      | Circular  | 5.242     | 3.292     | 1.200        | 5.250     | 2.843     | 1.657        | AO55       | 2100     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |
| 51.001  | 33.186     | 169.3       | 750      | Circular  | 5.250     | 2.843     | 1.657        | 5.250     | 2.647     | 1.853        | AO56       | 1800     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |
| 51.002  | 24.800     | 243.1       | 750      | Circular  | 5.250     | 2.647     | 1.853        | 5.251     | 2.545     | 1.956        | AO57       | 1800     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |
| 52.000  | 40.127     | 100.8       | 750      | Circular  | 5.243     | 3.293     | 1.200        | 5.251     | 2.895     | 1.606        | AO58       | 1800     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |
| 52.001  | 32.951     | 94.1        | 750      | Circular  | 5.251     | 2.895     | 1.606        | 5.251     | 2.545     | 1.956        | AO59       | 1800     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |
| 51.003  | 25.091     | 243.6       | 750      | Circular  | 5.251     | 2.545     | 1.956        | 5.250     | 2.442     | 2.068        | AO60       | 1800     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 53.000  | 35.295     | 100.8       | 750      | Circular  | 5.243     | 3.293     | 1.200        | 5.250     | 2.943     | 1.557        | AO61       | 1800     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 53.001  | 32.886     | 65.2        | 750      | Circular  | 5.250     | 2.943     | 1.557        | 5.250     | 2.442     | 2.068        | AO62       | 2100     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 51.004  | 26.414     | 489.1       | 750      | Circular  | 5.250     | 2.442     | 2.068        | 5.250     | 2.388     | 2.112        | AO63       | 2100     |               | Manhole      | 3000     |               | Manhole      | Adoptable       |
| 54.000  | 29.876     | 169.8       | 750      | Circular  | 5.317     | 3.367     | 1.200        | 5.250     | 3.191     | 1.309        | AO64       | 1800     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 54.001  | 32.406     | 169.7       | 750      | Circular  | 5.250     | 3.191     | 1.309        | 5.250     | 3.000     | 1.500        | AO65       | 2100     |               | Manhole      | 3000     |               | Manhole      | Adoptable       |
| 51.005  | 11.514     | 500.6       | 750      | Circular  | 5.250     | 2.388     | 2.112        | 5.597     | 2.365     | 2.482        | AO66       | 3000     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |
| 51.006  | 22.140     | 402.6       | 750      | Circular  | 5.597     | 2.365     | 2.482        | 5.595     | 2.310     | 2.535        | AO67       | 1800     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |
| 51.007  | 8.823      | 500.0       | 750      | Circular  | 5.595     | 2.310     | 2.535        | 5.654     | 2.292     | 2.612        | AO68       | 1800     |               | Manhole      | 2100     |               | Manhole      | Adoptable       |
| 45.009  | 23.323     | 1000.0      | 1200     | Circular  | 5.654     | 1.520     | 2.934        | 5.656     | 1.497     | 2.959        | AO69       | 2100     |               | Manhole      | 2700     |               | Manhole      | Adoptable       |
| 40.015  | 54.206     | 1003.8      | 750      | Circular  | 5.656     | -0.096    | 5.002        | 3.000     | -0.150    | 2.400        | AO70       | 2700     |               | Manhole      | 1800     |               | Manhole      | Adoptable       |

**NOTES**

- Verifying Dimensions. The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
- Existing Services. Any information concerning the location of existing services indicated on this drawing is intended for general guidance only. It shall be the responsibility of the contractor to determine and verify the exact horizontal and vertical alignment of all cables, pipes, etc. (both underground and overhead) before work commences.
- Issue of Drawings. Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg, dxf etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipient's own risk. RPS will not accept any responsibility for any errors arising from the use of these files, either by human error by the recipient, listing of un-dimensioned measurements, compatibility issues with the recipient's software, and any errors arising when these files are used to aid the recipient's drawing production, or setting out on site.
- OS Map Sheet No 3198-13, 3198-14, 3198-15, 3198-18, 3198-19, 3198-20, 3198-23, 3198-24, 3198-25, 3264-03, 3264-04, 3264-05, 3264-08, 3