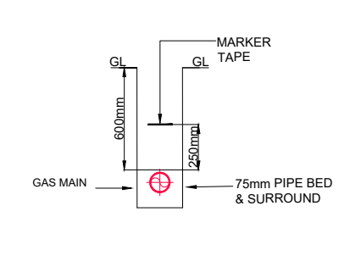
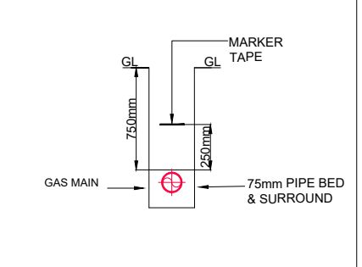
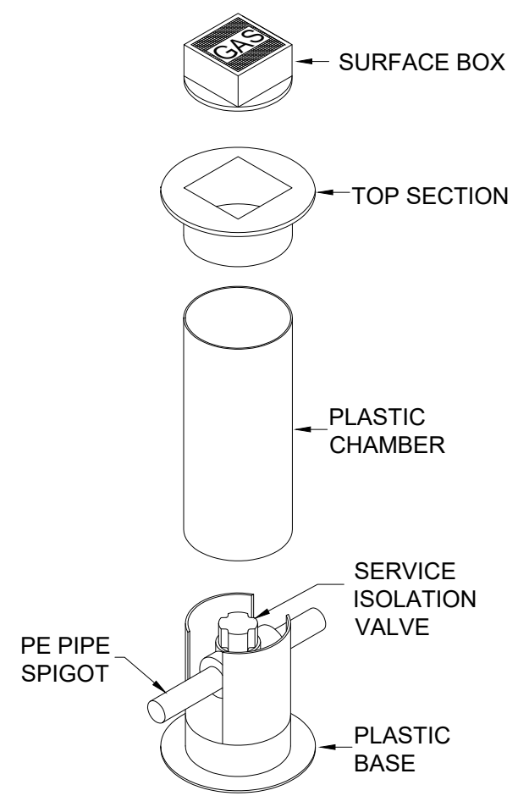


**TYPICAL SECTION DETAIL FOOTWAY**

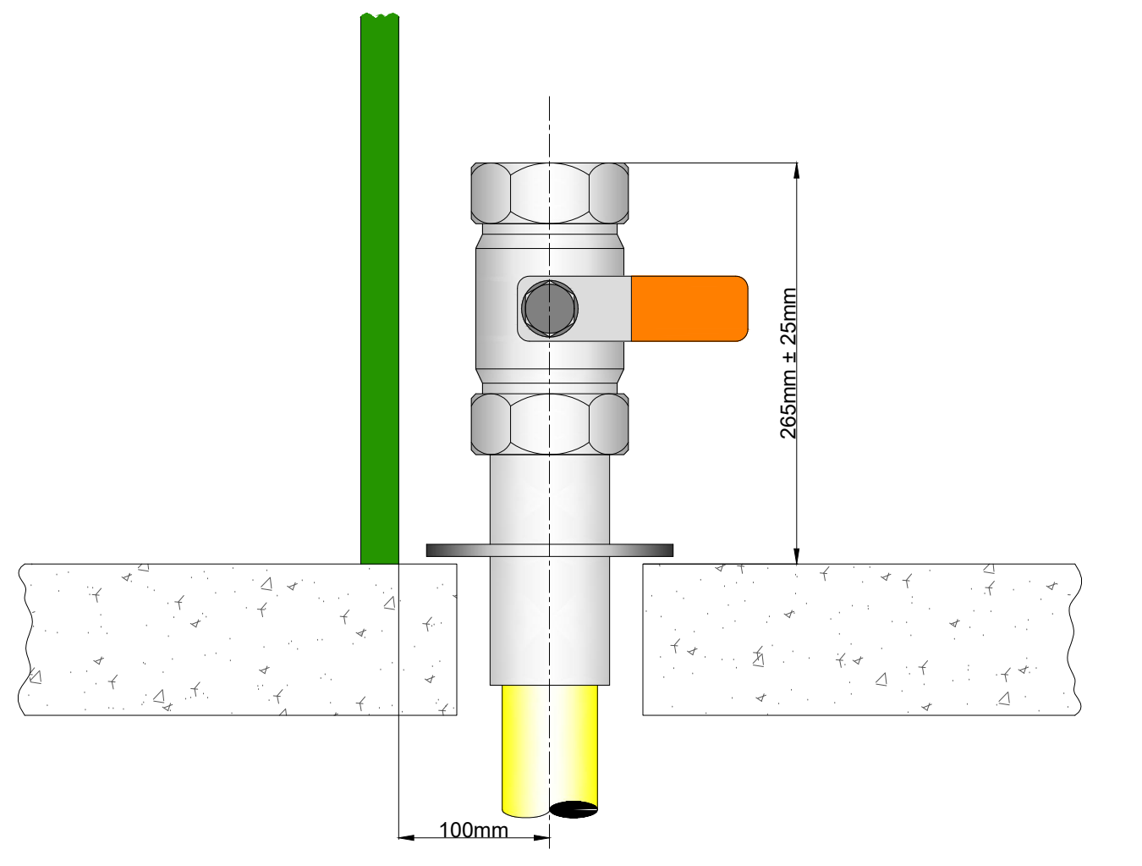


**TYPICAL SECTION DETAIL ROAD**

| FROM NODE | TO NODE | SIZE TYPE | LENGT |
|---|---|---|---|
| 10 | 05 | 315mm MDPE SDR17.6 | 361.0 |
| 15 | 10 | 315mm MDPE SDR17.6 | 48.0 |
| 20 | 15 | 315mm MDPE SDR17.6 | 34.9 |
| 30 | 20 | 315mm MDPE SDR17.6 | 59.4 |
| 30 | 35 | 90mm MDPE SDR17.6 | 13.0 |
| 35 | 45 | 90mm MDPE SDR17.6 | 53.2 |
| 40 | 35 | 63mm MDPE SDR11 | 46.1 |
| 50 | 55 | 90mm MDPE SDR17.6 | 21.8 |
| 55 | 56 | 90mm MDPE SDR17.6 | 52.0 |
| 50 | 45 | 90mm MDPE SDR17.6 | 67.1 |
| 60 | 30 | 315mm MDPE SDR17.6 | 7.22 |
| 62 | 60 | 250mm MDPE SDR17.6 | 16.0 |
| 62 | 63 | 90mm MDPE SDR17.6 | 2.79 |
| 65 | 70 | 90mm MDPE SDR17.6 | 11.5 |
| 65 | 62 | 250mm MDPE SDR17.6 | 83.5 |
| 65 | 110 | 250mm MDPE SDR17.6 | 17.0 |
| 75 | 70 | 63mm MDPE SDR11 | 44.1 |
| 80 | 70 | 90mm MDPE SDR17.6 | 37.1 |
| 80 | 90 | 90mm MDPE SDR17.6 | 65.4 |
| 85 | 80 | 63mm MDPE SDR11 | 25.6 |
| 90 | 100 | 63mm MDPE SDR11 | 31.2 |
| 95 | 90 | 63mm MDPE SDR11 | 49.4 |
| 100 | 105 | 63mm MDPE SDR11 | 63.3 |
| 110 | 120 | 250mm MDPE SDR17.6 | 26.7 |
| 115 | 110 | 63mm MDPE SDR11 | 4.41 |
| 120 | 125 | 250mm MDPE SDR17.6 | 27.6 |
| 125 | 135 | 250mm MDPE SDR17.6 | 33.6 |
| 135 | 140 | 250mm MDPE SDR17.6 | 27.8 |
| 140 | 145 | 180mm MDPE SDR17.6 | 43.9 |
| 140 | 305 | 180mm MDPE SDR17.6 | 25.1 |
| 145 | 150 | 63mm MDPE SDR11 | 43.1 |
| 155 | 160 | 90mm MDPE SDR17.6 | 45.8 |
| 155 | 205 | 125mm MDPE SDR17.6 | 53.2 |
| 155 | 145 | 180mm MDPE SDR17.6 | 2.48 |
| 160 | 165 | 90mm MDPE SDR17.6 | 43.5 |
| 165 | 180 | 90mm MDPE SDR17.6 | 46.6 |
| 170 | 165 | 63mm MDPE SDR11 | 26.8 |
| 175 | 170 | 63mm MDPE SDR11 | 22.1 |
| 180 | 190 | 63mm MDPE SDR11 | 40.5 |
| 185 | 180 | 63mm MDPE SDR11 | 38.7 |
| 190 | 200 | 63mm MDPE SDR11 | 31.7 |
| 190 | 195 | 63mm MDPE SDR11 | 22.4 |
| 205 | 210 | 90mm MDPE SDR17.6 | 55.6 |
| 215 | 210 | 90mm MDPE SDR17.6 | 43.4 |
| 220 | 245 | 125mm MDPE SDR17.6 | 40.0 |
| 220 | 205 | 125mm MDPE SDR17.6 | 56.6 |
| 220 | 225 | 90mm MDPE SDR17.6 | 42.2 |
| 225 | 230 | 90mm MDPE SDR17.6 | 41.6 |
| 235 | 230 | 63mm MDPE SDR11 | 12.0 |
| 240 | 230 | 90mm MDPE SDR17.6 | 61.6 |
| 240 | 260 | 90mm MDPE SDR17.6 | 72.8 |
| 245 | 250 | 90mm MDPE SDR17.6 | 28.7 |
| 250 | 255 | 90mm MDPE SDR17.6 | 31.8 |
| 255 | 260 | 90mm MDPE SDR17.6 | 30.6 |
| 265 | 260 | 63mm MDPE SDR11 | 42.3 |
| 270 | 245 | 90mm MDPE SDR17.6 | 26.3 |
| 275 | 270 | 90mm MDPE SDR17.6 | 26.5 |
| 275 | 290 | 90mm MDPE SDR17.6 | 38.5 |
| 275 | 280 | 90mm MDPE SDR17.6 | 26.5 |
| 285 | 280 | 90mm MDPE SDR17.6 | 39.3 |
| 290 | 295 | 90mm MDPE SDR17.6 | 29.1 |
| 295 | 300 | 90mm MDPE SDR17.6 | 37.6 |
| 305 | 310 | 180mm MDPE SDR17.6 | 31.1 |
| 310 | 340 | 180mm MDPE SDR17.6 | 79.5 |
| 315 | 325 | 63mm MDPE SDR11 | 45.9 |
| 315 | 310 | 90mm MDPE SDR17.6 | 82.3 |
| 320 | 315 | 63mm MDPE SDR11 | 18.7 |
| 330 | 325 | 63mm MDPE SDR11 | 27.5 |
| 335 | 325 | 63mm MDPE SDR11 | 44.7 |
| 340 | 360 | 180mm MDPE SDR17.6 | 0.64 |
| 340 | 345 | 63mm MDPE SDR11 | 75.5 |
| 355 | 345 | 63mm MDPE SDR11 | 35.9 |
| 360 | 365 | 90mm MDPE SDR17.6 | 49.8 |
| 370 | 365 | 63mm MDPE SDR11 | 42.2 |
| 375 | 370 | 63mm MDPE SDR11 | 19.1 |
| 380 | 370 | 63mm MDPE SDR11 | 27.7 |
| 385 | 395 | 63mm MDPE SDR11 | 34.3 |
| 385 | 365 | 63mm MDPE SDR11 | 38.7 |
| 390 | 385 | 63mm MDPE SDR11 | 43.6 |
| 400 | 405 | 63mm MDPE SDR11 | 18.3 |
| 400 | 360 | 180mm MDPE SDR17.6 | 63.8 |
| 410 | 400 | 180mm MDPE SDR17.6 | 5.78 |
| 415 | 410 | 90mm MDPE SDR17.6 | 40.9 |
| 420 | 465 | 90mm MDPE SDR17.6 | 36.2 |
| 420 | 415 | 90mm MDPE SDR17.6 | 39.7 |
| 425 | 420 | 90mm MDPE SDR17.6 | 10.3 |
| 430 | 425 | 63mm MDPE SDR11 | 22.0 |
| 435 | 425 | 90mm MDPE SDR17.6 | 35.3 |
| 440 | 435 | 90mm MDPE SDR17.6 | 35.7 |
| 445 | 440 | 63mm MDPE SDR11 | 8.90 |
| 450 | 440 | 90mm MDPE SDR17.6 | 39.2 |
| 455 | 450 | 90mm MDPE SDR17.6 | 39.6 |
| 460 | 455 | 90mm MDPE SDR17.6 | 33.3 |
| 465 | 460 | 90mm MDPE SDR17.6 | 24.7 |
| 470 | 475 | 180mm MDPE SDR17.6 | 33.1 |
| 470 | 410 | 180mm MDPE SDR17.6 | 33.2 |
| 475 | 480 | 63mm MDPE SDR11 | 37.6 |
| 475 | 490 | 180mm MDPE SDR17.6 | 33.9 |
| 485 | 480 | 63mm MDPE SDR11 | 41.3 |
| 490 | 530 | 180mm MDPE SDR17.6 | 49.0 |
| 495 | 490 | 90mm MDPE SDR17.6 | 37.7 |
| 500 | 505 | 63mm MDPE SDR11 | 29.2 |
| 500 | 495 | 90mm MDPE SDR17.6 | 41.3 |
| 510 | 500 | 90mm MDPE SDR17.6 | 41.6 |
| 515 | 510 | 90mm MDPE SDR17.6 | 41.4 |
| 520 | 515 | 90mm MDPE SDR17.6 | 39.2 |
| 520 | 525 | 90mm MDPE SDR17.6 | 28.8 |
| 525 | 560 | 90mm MDPE SDR17.6 | 28.8 |
| 530 | 535 | 90mm MDPE SDR17.6 | 42.2 |
| 530 | 560 | 125mm MDPE SDR17.6 | 44.9 |
| 535 | 540 | 90mm MDPE SDR17.6 | 42.7 |
| 540 | 550 | 63mm MDPE SDR11 | 34.7 |
| 545 | 540 | 63mm MDPE SDR11 | 42.3 |
| 550 | 555 | 90mm MDPE SDR17.6 | 28.3 |
| 560 | 565 | 125mm MDPE SDR17.6 | 29.9 |
| 565 | 570 | 125mm MDPE SDR17.6 | 21.8 |
| 570 | 605 | 90mm MDPE SDR17.6 | 13.3 |
| 575 | 570 | 90mm MDPE SDR17.6 | 24.3 |
| 580 | 575 | 90mm MDPE SDR17.6 | 28.4 |
| 585 | 580 | 90mm MDPE SDR17.6 | 34.5 |
| 590 | 600 | 90mm MDPE SDR17.6 | 45.0 |
| 590 | 585 | 90mm MDPE SDR17.6 | 40.0 |
| 595 | 590 | 90mm MDPE SDR17.6 | 35.2 |
| 605 | 615 | 90mm MDPE SDR17.6 | 37.9 |
| 610 | 605 | 63mm MDPE SDR11 | 30.2 |
| 615 | 620 | 90mm MDPE SDR17.6 | 35.5 |
| 625 | 630 | 63mm MDPE SDR11 | 55.9 |
| 625 | 60 | 315mm MDPE SDR17.6 | 1.56 |
| 635 | 625 | 250mm MDPE SDR17.6 | 36.6 |
| 640 | 635 | 250mm MDPE SDR17.6 | 41.3 |
| 642 | 640 | 90mm MDPE SDR17.6 | 40.4 |
| 645 | 640 | 250mm MDPE SDR17.6 | 25.1 |
| 650 | 645 | 250mm MDPE SDR17.6 | 32.9 |
| 650 | 755 | 250mm MDPE SDR17.6 | 0.53 |
| 655 | 650 | 125mm MDPE SDR17.6 | 38.2 |
| 660 | 655 | 90mm MDPE SDR17.6 | 35.6 |
| 660 | 665 | 90mm MDPE SDR17.6 | 36.3 |
| 670 | 665 | 63mm MDPE SDR11 | 26.6 |
| 675 | 665 | 63mm MDPE SDR11 | 32.9 |
| 680 | 655 | 125mm MDPE SDR17.6 | 44.3 |
| 680 | 685 | 125mm MDPE SDR17.6 | 31.6 |
| 685 | 690 | 125mm MDPE SDR17.6 | 40.5 |
| 695 | 730 | 125mm MDPE SDR17.6 | 34.9 |
| 695 | 690 | 125mm MDPE SDR17.6 | 37.1 |
| 700 | 695 | 125mm MDPE SDR17.6 | 32.6 |
| 700 | 705 | 125mm MDPE SDR17.6 | 43.3 |
| 705 | 710 | 125mm MDPE SDR17.6 | 24.8 |
| 715 | 710 | 125mm MDPE SDR17.6 | 41.8 |
| 720 | 715 | 125mm MDPE SDR17.6 | 40.2 |
| 725 | 720 | 125mm MDPE SDR17.6 | 34.0 |
| 730 | 735 | 125mm MDPE SDR17.6 | 45.0 |
| 735 | 750 | 250mm MDPE SDR17.6 | 30.4 |
| 740 | 735 | 63mm MDPE SDR11 | 40.9 |
| 745 | 740 | 63mm MDPE SDR11 | 53.9 |
| 750 | 1095 | 125mm MDPE SDR17.6 | 35.6 |
| 755 | 770 | 250mm MDPE SDR17.6 | 28.2 |
| 760 | 755 | 63mm MDPE SDR11 | 35.5 |
| 765 | 760 | 63mm MDPE SDR11 | 63.7 |
| 770 | 775 | 250mm MDPE SDR17.6 | 28.7 |
| 775 | 780 | 250mm MDPE SDR17.6 | 28.8 |
| 780 | 785 | 250mm MDPE SDR17.6 | 32.8 |
| 785 | 1095 | 180mm MDPE SDR17.6 | 45.1 |
| 790 | 795 | 125mm MDPE SDR17.6 | 27.4 |
| 790 | 785 | 180mm MDPE SDR17.6 | 54.7 |
| 795 | 800 | 125mm MDPE SDR17.6 | 35.9 |
| 800 | 805 | 125mm MDPE SDR17.6 | 42.0 |
| 800 | 915 | 125mm MDPE SDR17.6 | 38.3 |
| 805 | 810 | 125mm MDPE SDR17.6 | 44.4 |
| 815 | 810 | 90mm MDPE SDR17.6 | 34.8 |
| 820 | 815 | 90mm MDPE SDR17.6 | 39.1 |
| 825 | 820 | 90mm MDPE SDR17.6 | 23.0 |
| 825 | 830 | 63mm MDPE SDR11 | 16.7 |
| 835 | 825 | 63mm MDPE SDR11 | 31.1 |
| 840 | 845 | 90mm MDPE SDR17.6 | 26.5 |
| 840 | 810 | 90mm MDPE SDR17.6 | 27.4 |
| 845 | 865 | 90mm MDPE SDR17.6 | 25.6 |
| 850 | 845 | 90mm MDPE SDR17.6 | 32.3 |
| 850 | 860 | 63mm MDPE SDR11 | 27.2 |
| 850 | 855 | 63mm MDPE SDR11 | 22.9 |
| 865 | 870 | 90mm MDPE SDR17.6 | 29.4 |
| 875 | 870 | 63mm MDPE SDR11 | 36.1 |
| 880 | 875 | 63mm MDPE SDR11 | 31.3 |
| 885 | 870 | 90mm MDPE SDR17.6 | 35.3 |
| 890 | 885 | 90mm MDPE SDR17.6 | 32.2 |
| 895 | 900 | 63mm MDPE SDR11 | 34.9 |
| 895 | 890 | 63mm MDPE SDR11 | 36.9 |
| 905 | 890 | 125mm MDPE SDR17.6 | 40.5 |
| 910 | 905 | 125mm MDPE SDR17.6 | 29.2 |
| 915 | 910 | 125mm MDPE SDR17.6 | 31.4 |
| 918 | 790 | 125mm MDPE SDR17.6 | 12.0 |
| 920 | 918 | 63mm MDPE SDR11 | 21.2 |
| 925 | 940 | 125mm MDPE SDR17.6 | 50.2 |
| 925 | 918 | 125mm MDPE SDR17.6 | 0.43 |
| 930 | 925 | 90mm MDPE SDR17.6 | 67.2 |
| 935 | 930 | 90mm MDPE SDR17.6 | 78.9 |
| 940 | 975 | 125mm MDPE SDR17.6 | 40.6 |
| 945 | 940 | 125mm MDPE SDR17.6 | 44.5 |
| 950 | 960 | 125mm MDPE SDR17.6 | 34.0 |
| 950 | 945 | 125mm MDPE SDR17.6 | 33.5 |
| 955 | 950 | 63mm MDPE SDR11 | 49.6 |
| 960 | 965 | 125mm MDPE SDR17.6 | 44.4 |
| 970 | 1005 | 125mm MDPE SDR17.6 | 30.8 |
| 970 | 965 | 125mm MDPE SDR17.6 | 31.8 |
| 975 | 980 | 125mm MDPE SDR17.6 | 35.0 |
| 980 | 985 | 125mm MDPE SDR17.6 | 32.0 |
| 985 | 990 | 63mm MDPE SDR11 | 26.0 |
| 990 | 995 | 63mm MDPE SDR11 | 20.5 |
| 1000 | 985 | 125mm MDPE SDR17.6 | 26.6 |
| 1005 | 1010 | 125mm MDPE SDR17.6 | 21.0 |
| 1005 | 1000 | 125mm MDPE SDR17.6 | 31.1 |
| 1010 | 1015 | 63mm MDPE SDR11 | 28.6 |
| 1010 | 1020 | 125mm MDPE SDR17.6 | 32.2 |
| 1020 | 1025 | 125mm MDPE SDR17.6 | 34.5 |
| 1025 | 1100 | 125mm MDPE SDR17.6 | 27.6 |
| 1030 | 1025 | 125mm MDPE SDR17.6 | 43.1 |
| 1035 | 1040 | 63mm MDPE SDR11 | 55.4 |
| 1035 | 1030 | 125mm MDPE SDR17.6 | 42.9 |
| 1045 | 1035 | 125mm MDPE SDR17.6 | 29.2 |
| 1045 | 1050 | 125mm MDPE SDR17.6 | 29.3 |
| 1050 | 1055 | 125mm MDPE SDR17.6 | 22.8 |
| 1055 | 1060 | 63mm MDPE SDR11 | 39.2 |
| 1055 | 725 | 125mm MDPE SDR17.6 | 27.7 |
| 1060 | 1065 | 63mm MDPE SDR11 | 42.1 |
| 1070 | 1045 | 180mm MDPE SDR17.6 | 33.8 |
| 1075 | 1070 | 180mm MDPE SDR17.6 | 27.7 |
| 1080 | 1075 | 180mm MDPE SDR17.6 | 32.0 |
| 1085 | 1080 | 180mm MDPE SDR17.6 | 36.3 |
| 1090 | 1085 | 180mm MDPE SDR17.6 | 38.2 |
| 1095 | 1090 | 180mm MDPE SDR17.6 | 30.3 |
| 1100 | 1105 | 125mm MDPE SDR17.6 | 28.9 |
| 1105 | 1110 | 63mm MDPE SDR11 | 30.4 |
| 1105 | 1130 | 125mm MDPE SDR17.6 | 28.1 |
| 1110 | 1115 | 63mm MDPE SDR11 | 35.7 |
| 1115 | 1120 | 63mm MDPE SDR11 | 42.3 |
| 1120 | 1125 | 63mm MDPE SDR11 | 24.9 |
| 1135 | 1130 | 125mm MDPE SDR17.6 | 46.4 |
| 1135 | 1140 | 125mm MDPE SDR17.6 | 36.8 |
| 1140 | 1145 | 125mm MDPE SDR17.6 | 29.8 |
| 1145 | 1150 | 125mm MDPE SDR17.6 | 24.0 |
| 1150 | 1160 | 63mm MDPE SDR11 | 30.1 |
| 1155 | 1150 | 63mm MDPE SDR11 | 9.70 |
| 1160 | 1165 | 63mm MDPE SDR11 | 26.8 |



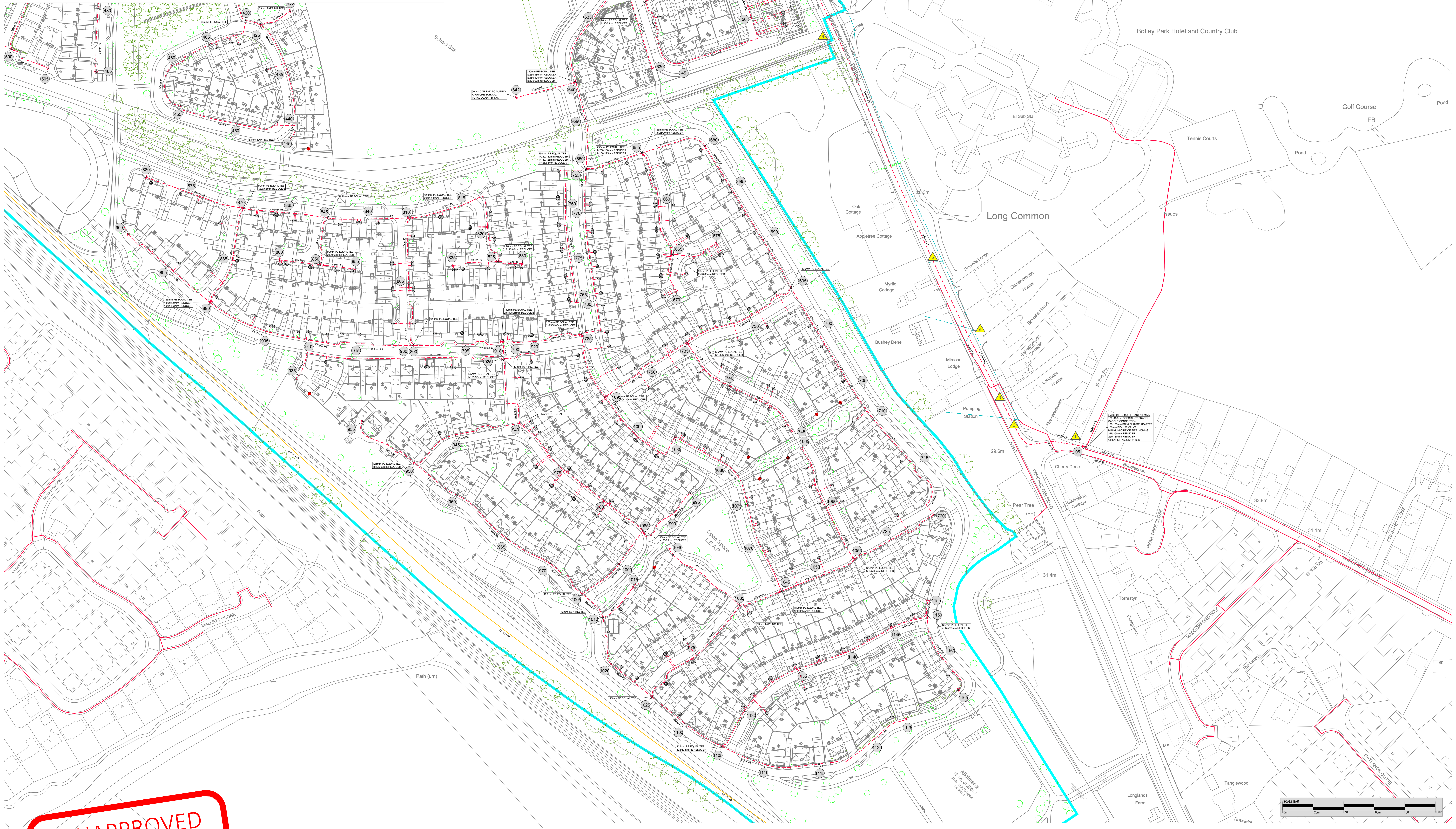
**DETAIL A**



**DETAIL B**

# NOTES

ASSUMED METERS EXCLUDED FROM DESIGN.
TO BE INCLUDED ONCE LOCATION IS CONFIRMED.



UNAPPROVED CONSTRUCTION DRAWING

## Notes:

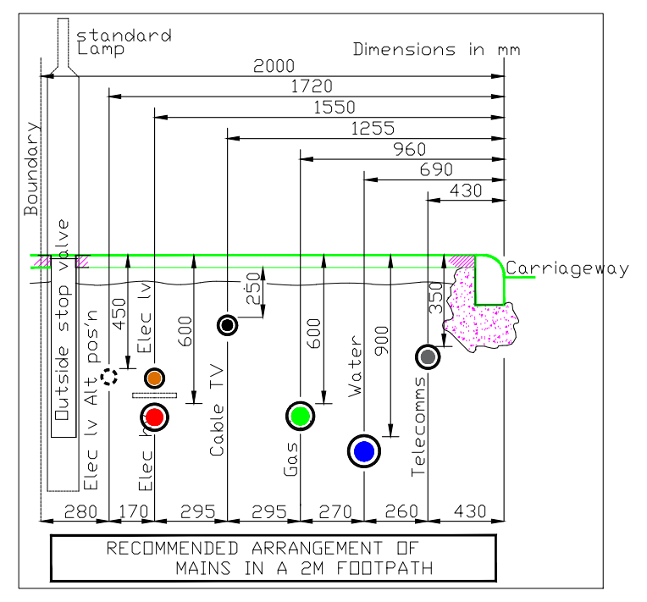
GENERAL
1. THIS DRAWING IS FOR PLANNING PURPOSES. CONSULT ALL UTILITY PLANS BEFORE ANY EXCAVATIONS.

2. THIS DRAWING DOES NOT INTEND TO IDENTIFY THE EXACT POSITION OF THE EXISTING APPARATUS, LOCATION OF THE EXISTING APPARATUS MUST IN ALL CASES BE IDENTIFIED BY CONSULTING THE RELEVANT NETWORK OWNERS IN THE AREA.

SITE LAYOUT
THIS DRAWING IS BASED UPON THE LATEST LAYOUT PROVIDED BY THE DEVELOPER: DWG "BELL201131 SL01 L".

INTERNAL GAS METERS
1. WHERE A GAS METER AND ITS ASSOCIATED FITTINGS CANNOT BE FITTED MORE THAN 150mm FROM AN ELECTRICITY METER/ELECTRICAL APPARATUS OR MORE THAN 25mm AWAY FROM THE ELECTRICITY SUPPLY AND DISTRIBUTION CABLES, A FIRE RESISTANT PARTITION MADE OF AN ELECTRICALLY INSULATING MATERIAL SHALL BE PLACED BETWEEN THEM.

2. THE SEPARATION DISTANCES ARE CONSISTENT WITH BS 6891. EVERY EFFORT SHOULD BE MADE TO ENSURE THAT THESE SEPARATION DISTANCES ARE ACHIEVED INSTEAD OF RELYING ON THE USE OF INSULATING MATERIAL.



RECOMMENDED ARRANGEMENT OF MAINS IN A 2M FOOTPATH

### LEGEND

| | |
|---|---|
| ━ | NHP EXISTING MAIN |
| ━ | LHP EXISTING MAIN |
| ━ | IP EXISTING MAIN |
| – – – | IP PROPOSED MAIN |
| ━ | MP EXISTING MAIN |
| – – – | MP PROPOSED MAIN |
| ━ | LP EXISTING MAIN |
| – – – | LP PROPOSED MAIN |
| –·–·– | LP PROPOSED DUCTED SERVICE |
| – – – | ELECTRIC 11kV EXISTING CABLE |
| – – – | ELECTRIC LV EXISTING CABLE |
| ] | CAP END |
| ▶ | REDUCER |
| 05 | NETWORK NODE |
| BI | BUILT IN METER BOX |
| MB | MULTI BOX |
| XX | ASSUMED METER LOCATION |
| ▨ | GAS CABINET |
| ⋈ | VALVE L/P |
| ⋈ | VALVE M/P |
| A | ABANDON |

### HAZARD WARNING TABLE

| | |
|---|---|
| 1 | HIGH VOLTAGE ELECTRIC MAIN |
| 2 | LOW VOLTAGE ELECTRIC MAIN |
| 3 | HIGH VOLTAGE AND LOW VOLTAGE ELECTRIC MAIN |
| 4 | LOW VOLTAGE ELECTRIC MAIN |
| 5 | LOW VOLTAGE ELECTRIC MAIN |
| 6 | HIGH VOLTAGE ELECTRIC MAIN |
| 7 | HIGH VOLTAGE ELECTRIC MAIN |

| REV: | DESCRIPTION: | BY: | STATUS: | DATE: |
|---|---|---|---|---|
| 16 | MAIN REROUTED AS PER DRAINAGE CLASHES & MISSING METERS ADDED(VO2201) | ML | UNAPP. | 16/08/23 |
| 15 | GAS MAIN NODES 50-56 EXTENDED & PLOTS ADDED (VO-2185) | EG | UNAPP. | 08/08/23 |
| 14 | PLOT 630 SERVICE ADDED (VO2098) | MC | UNAPP. | 24/07/23 |
| 13 | MAIN SLIGHTLY RELOCATED INTO FOOTWAY (VO2058) | MC | UNAPP. | 29/06/23 |
| 12 | PLOT 332 METER RELOCATED (VO1717) | MC | UNAPP. | 04/04/23 |
| 11 | TEE's NOTES AMENDED | MC | APP. | 13/01/23 |
| 10 | ASSUMED SERVICES & METERS REMOVED | MC | APP. | 09/01/23 |
| 09 | GASWORKS TABLE UPDATED | MC | UNAPP. | 13/12/22 |
| 08 | NEW SYMBOL ADDED FOR GAS SERVICES PROPERTIES TO BE INSPECTED AND LEGEND AMENDED ACCORDINGLY | JS | UNAPP. | 17/11/22 |
| 07 | NEW LAYOUT (VO-1374) & 2xPLOTS SUPPLIES AMENDED | MC | UNAPP. | 28/10/22 |
| 06 | NEW 90mm ENTRY POINT FOR LOCAL CENTER(VO1305) | MC | APP. | 07/09/22 |
| 05 | MAIN ROUTE & SCHEDULE AMENDED (VO-00001266) | MC | APP. | 12/07/22 |
| 04 | ASSUMED GAS SERVICES EXCLUDED | JNA | APP. | 22/02/22 |
| 03 | GAS CABINET, SIV, NOTE AND DETAILS ADDED. MAIN SIZE, MAINS AND SERVICE ROUTES, NODES, MB LOCATION, GASWORKS AND SCHEDULE AMENDED. | JNA | UNAPP. | 03/02/22 |
| 02 | SGN REF. AND MAINS ADDED. CSEP, MAIN SIZE AT NODE 845-850, FITTINGS, NOTES, NODES, SERVICES, SCHEDULE AND GASWORKS AMENDED | JNA | UNAPP. | 11/01/22 |
| 01 | HAZARD ADDED. POC, CONNECTIONS, REDUCERS, NOTES, SCHEDULE AND SCALE AMENDED | JNA | UNAPP. | 21/12/21 |
| 00 | FIRST DRAFT | JNA | UNAPP. | 22/11/21 |

SGN: P22153234 + P22153206
LMAM: ASSET021944

CONNECT IT UTILITY SERVICES 2001-2021
UTILITY CONNECTIONS www.cius.co.uk
20 YEARS TRADING 2001 - 2021

CLIENT DETAILS:
BELLWAY HOMES LTD (WESSEX)
EMBANKMENT WAY
CASTLEMAN BUSINESS CENTRE
RINGWOOD, HAMPSHIRE
BH24 1EU

SITE:
WINCHESTER ROAD, BOORLEY GREEN,
SOUTHAMPTON, HAMPSHIRE
SO32 2SZ

TITLE:
GAS CONSTRUCTION PLAN 2/2

| SCALE AT A0: | DATE: | DRAWN: | CHECKED: |
|---|---|---|---|
| 1:1000 | 22/11/21 | JNA | DCI |
| DRAWING NO: | | CIUS NO: | REVISION: |
| MU2190-G002 | | MU2190 | 16 |

| MATERIAL SPECIFICATION | | | |
|---|---|---|---|
| MATERIAL | ITEM | SPEC | TITLE |
| POLYETHYLENE | PIPE | GIS/PL2 PART 1 | PART 1 - PIPES FOR USE AT PRESSURES UP TO 5.5 BAR |
| | | GIS/PL2 PART 8 | PART 8 - PIPES FOR USE AT PRESSURES UP TO 7 BAR |
| | FITTINGS | GIS/PL2 PART 4 | PART 4 - FUSION FITTINGS WITH INTEGRAL HEATING ELEMENTS, CLASS B - UP TO 5.5 BAR, CLASS C - UP TO 7 BAR |
| | | GIS/PL2 PART 6 | PART 6 - SPIGOT END FITTINGS FOR ELECTROFUSION AND/OR BUTT FUSION PURPOSES, CLASS B - UP TO 5.5 BAR, CLASS C - UP TO 7 BAR |
| | | T/SP/PL/3 | SELF ANCHORING MECHANICAL FITTINGS, CLASS A - UP TO 32mm DIAMETER AND 75mbar, CLASS B - UP TO 5.5 BAR, CLASS C - UP TO 7 BAR |
| | VALVES | T/SP/V/7 PART 2 | PART 2 PLASTIC BODIED VALVES OF SIZES UP TO 180mm SUITABLE FOR OPERATION UP TO 5.5 BAR |

PLEASE REFER TO https://www.bsigroup.com/en-GB/Product-Directory/ TO IDENTIFY THE GAS INDUSTRY SPECIFICATION THE FITTING HAS BEEN TESTED TO.

| MAINS STANDARD REQUIREMENTS | | | | | | | |
|---|---|---|---|---|---|---|---|
| DIAMETER OF MAIN | | 63mm | 90mm | 125mm | 180mm | 250mm | 315mm |
| NOMINAL EXCAVATION WIDTH | | 350mm | 400mm | 400mm | 500mm | 600mm | 600mm |
| PIPE BED AND SURROUND (COMPACTED) | | 50mm | 75mm | 75mm | 100mm | 150mm | 150mm |
| MINIMUM DUCT SIZES FOR PE INSERTION BS 4962 STANDARD FOR PLASTIC DUCTING | | 100mm | 150mm | 200mm | 250mm | | |
| GAS MAINS MINIMUM DEPTH OF COVER BY LOCATION MOP≤ 7 BARS | CARRIAGEWAYS | 0.75m | 0.75m | 0.75m | 0.75m | 0.75m | 0.75m |
| | FOOTWAYS | 0.60m | 0.60m | 0.60m | 0.60m | 0.60m | 0.60m |
| | VERGES | 0.75m | 0.75m | 0.75m | 0.75m | 0.75m | 0.75m |
| | OPEN FIELDS | 1.10m | 1.10m | 1.10m | 1.10m | 1.10m | 1.10m |
| GAS 32mm SERVICES MINIMUM DEPTH OF COVER MOP≤ 7 BARS | PRIVATE GROUND | 0.375m | | | | | |
| | FOOTWAY/ROAD | 0.450m | | | | | |

## SCHEDULE

| DIAMETER OF PIPE | PIPE MATERIAL | SDR RATING | LENGTH (m) | NUMBER OF FITTINGS | | |
|---|---|---|---|---|---|---|
| | | | | EQUAL TEE's | REDUCER's | CAP END's |
| 63mm PE | PE 80 | SDR11 | 2299 | 4 | - | 48 |
| 90mm PE | PE 80 | SDR17.6 | 2776 | 20 | 29 | 12 |
| 125mm PE | PE 80 | SDR17.6 | 2044 | 20 | 37 | - |
| 180mm PE | PE 80 | SDR17.6 | 700 | 12 | 25 | - |
| 250mm PE | PE 80 | SDR17.6 | 488 | 10 | 15 | - |
| 315mm PE | PE 80 | SDR17.6 | 511 | 4 | 5 | - |
| | | TOTAL | 8818 | 71 | 111 | 62 |