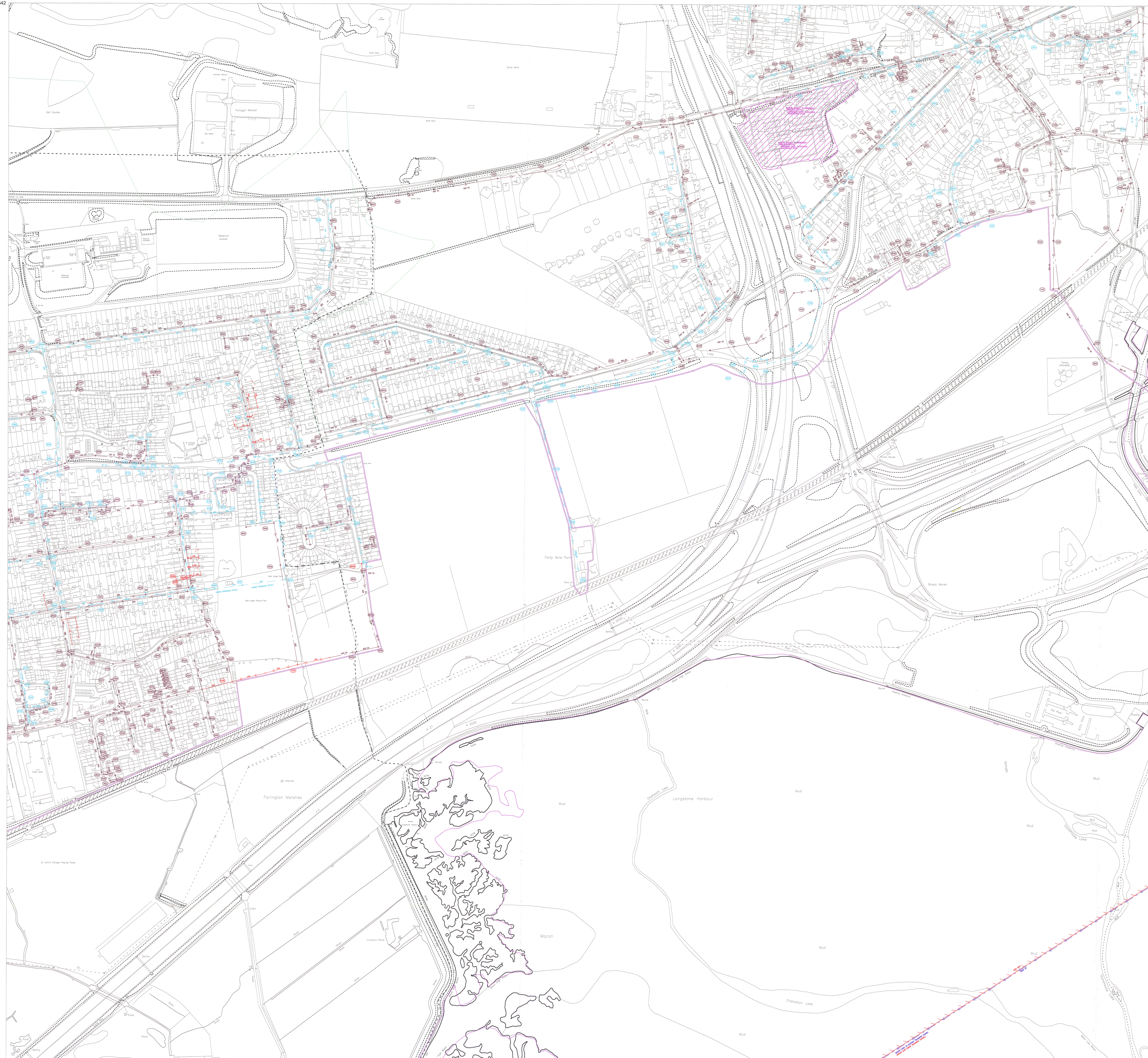
106642




104705
468239
470376

SEWER RECORDS

| Node | Cover | Invert | Size | Material | Shape | |
|---|---|---|---|---|---|---|
| 0001X | 47.93 | 46.03 | 225 | VC | CIRC | |
| 0050X | 22.16 | 20.92 | 225 | CP | CIRC | |
| 0051X | 19.61 | 18.48 | 225 | CP | CIRC | |
| 0201X | 9.3 | 6.73 | 225 | VC | CIRC | |
| 0202X | 8.89 | | UNK | UNK | CIRC | |
| 0251X | 8.8 | 8.29 | 150 | CI | CIRC | |
| 0301X | 8.01 | 5.94 | 250 | CI | CIRC | * |
| 0301X | 50.47 | 48.47 | 225 | VC | CIRC | * |
| 0302X | 8.37 | 6.16 | 225 | VC | CIRC | |
| 0303X | | | UNK | UNK | UNK | |
| 0305X | | | UNK | UNK | CIRC | |
| 0307X | | | UNK | UNK | CIRC | |
| 0350X | 13.4 | 12.79 | 150 | VC | CIRC | |
| 0401X | 14.37 | 12.91 | 175 | VC | CIRC | |
| 0501X | 11.81 | 8.5 | 225 | VC | CIRC | |
| 0502X | 14.04 | 11.65 | 225 | VC | CIRC | |
| 0503X | 12 | 8.77 | 225 | VC | CIRC | |
| 0504X | 12.02 | 9.04 | 225 | VC | CIRC | |
| 0505Y | 10.13 | 8.29 | 175 | CI | CIRC | * |
| 0505X | 10.13 | 8.05 | 225 | VC | CIRC | * |
| 0506X | 10.08 | 7.92 | 225 | VC | CIRC | |
| 0507X | | | UNK | UNK | CIRC | |
| 0508X | 8.6 | 7.05 | 150 | CI | CIRC | |
| 0509X | 11.61 | 8.99 | 225 | CI | CIRC | |
| 0550X | 14.11 | 11.68 | 225 | CP | CIRC | |
| 0551X | 11.85 | 10.2 | 225 | CP | CIRC | |
| 0552X | 12.32 | 10.17 | 900 | CP | CIRC | |
| 0558X | 11.85 | 10.89 | 150 | VC | CIRC | |
| 0559X | 11.68 | 9.45 | 375 | CP | CIRC | |
| 0560X | 11.98 | 11.14 | 225 | CP | CIRC | |
| 0561X | 12.09 | 10.58 | 225 | CP | CIRC | |
| 0602X | 11.47 | 9.5 | 225 | VC | CIRC | |
| 0900X | 12.24 | 10.5 | 225 | VC | CIRC | |
| 0901X | 12.35 | 10.32 | 225 | VC | CIRC | |
| 0950X | | | 225 | CP | CIRC | |
| 0951X | 18.37 | | 225 | CP | CIRC | |
| 0952X | 12.47 | 10.27 | 225 | CP | CIRC | |
| 1001X | 44.35 | | 225 | VC | CIRC | |
| 1051X | 18.29 | | 225 | CP | CIRC | |
| 1101X | 6.99 | 3.87 | 300 | VC | CIRC | |
| 1102X | 6.86 | 3.08 | 525 | CP | CIRC | |
| 1201X | 8.25 | 6.28 | 225 | VC | CIRC | |
| 1202X | 8.14 | | UNK | UNK | CIRC | |
| 1203X | 7.28 | 4.05 | 300 | VC | CIRC | |
| 1204X | 6.84 | | UNK | UNK | CIRC | |
| 1301X | 6.66 | | UNK | UNK | CIRC | * |
| 1301X | | | UNK | UNK | CIRC | * |
| 1401X | 7.47 | 5.78 | 225 | VC | CIRC | |
| 1402X | 7.36 | 5.81 | 225 | CI | CIRC | * |
| 1402Y | 7.36 | 6.39 | 225 | VC | CIRC | * |
| 1403X | 7.63 | 6.22 | 150 | CI | CIRC | |
| 1404X | 7.41 | 6 | 150 | CI | CIRC | |
| 1405X | 7.6 | | 300 | CI | CIRC | |
| 1501X | 13.88 | 10.82 | 150 | VC | CIRC | |
| 1502X | 13.59 | 10.19 | 150 | VC | CIRC | |
| 1551X | 13.55 | 10.64 | 375 | CP | CIRC | |
| 1552X | 13.91 | 10.56 | 375 | CP | CIRC | |
| 1553X | 13.64 | 10.45 | 375 | CP | CIRC | |
| 1554X | 12.26 | 10.32 | 375 | CP | CIRC | |
| 1555X | 12.2 | | 375 | CP | CIRC | |
| 1601X | 15.06 | | UNK | UNK | CIRC | |
| 1651X | | | UNK | UNK | CIRC | |
| 1900X | 12.09 | 10.05 | 225 | VC | CIRC | |
| 1902X | | | UNK | UNK | CIRC | |
| 1950X | 16.08 | 14.58 | 225 | CP | CIRC | |
| 1951X | 12.3 | 10.13 | 225 | CP | CIRC | |
| 1952X | 12.1 | 10 | 225 | CP | CIRC | |
| 1953X | 9.948 | 8.278 | UNK | UNK | CIRC | |
| 2001X | 4.7 | 2.63 | 525 | CP | CIRC | * |
| 2001X | | | 200 | UNK | CIRC | * |
| 2050X | 29.666 | | 225 | UNK | CIRC | |
| 2201X | 4.28 | | UNK | UNK | CIRC | |
| 2301X | 1.82 | −1.03 | 675 | UNK | CIRC | * |
| 2301X | | | UNK | UNK | CIRC | * |
| 2301X | 8.16 | 6.37 | 150 | CI | CIRC | * |
| 2302X | 7.06 | 6.54 | 150 | CI | CIRC | * |
| 2302X | 2.051 | 0.151 | 300 | UNK | CIRC | * |
| 2305X | | | 300 | VC | CIRC | |
| 2306X | | | 300 | VC | CIRC | |
| 2307X | | | 150 | VC | CIRC | |
| 2308X | | | 150 | VC | CIRC | |
| 2350X | | | 900 | GRC | CIRC | |
| 2351X | | | 300 | VC | CIRC | |
| 2352X | | | 300 | VC | CIRC | |
| 2353X | | | 300 | VC | CIRC | |
| 2401X | 8.4 | 6.15 | 150 | CI | CIRC | |
| 2402X | 9.23 | 6.2 | 150 | CI | CIRC | * |
| 2402X | 2.519 | 1.639 | 150 | UNK | CIRC | * |
| 2450X | | | 300 | VC | CIRC | * |
| 2450X | 10.27 | 8.77 | 225 | VC | CIRC | * |
| 2501X | 2.934 | 0.184 | 225 | UNK | CIRC | * |
| 2501X | 12.66 | 10.68 | 150 | VC | CIRC | * |
| 2502X | 13.32 | | 150 | VC | CIRC | |
| 2503X | 12.87 | 9.63 | 150 | VC | CIRC | |
| 2504X | 13.09 | 9.42 | 150 | VC | CIRC | |
| 2505X | | | 100 | VC | CIRC | |
| 2506X | | | 100 | VC | CIRC | |
| 2507X | | | 100 | VC | CIRC | |
| 2550X | 12.6 | 11.23 | 150 | VC | CIRC | |
| 2551X | 2.913 | 2.053 | 225 | UNK | CIRC | * |
| 2551Y | 12.8 | 10.91 | 300 | VC | CIRC | * |
| 2552Z | 13.26 | 10.765 | 375 | CP | CIRC | |
| 2553X | 12.66 | 10.96 | 225 | VC | CIRC | |
| 2554X | 11.32 | 10.2 | 225 | CP | CIRC | |
| 2602X | 8.534 | 6.194 | 200 | UNK | CIRC | |
| 2603X | | | 100 | VC | CIRC | |
| 2650X | 3.38 | 1.28 | 1050 | CP | CIRC | |
| 2702X | 12.865 | 11.495 | 200 | UNK | CIRC | * |
| 2702Y | 12.865 | | 200 | UNK | CIRC | * |
| 2750X | 4.86 | 3.21 | OTHER | CP | CIRC | |
| 2751X | 12.992 | 9.982 | 300 | UNK | CIRC | |
| 2752X | 11.203 | | 300 | UNK | CIRC | |
| 275CX | | | 225 | UNK | CIRC | |
| 275DX | | | 300 | UNK | CIRC | |
| 2803X | | | UNK | UNK | CIRC | |
| 2804X | | | 175 | UNK | CIRC | |
| 2850X | 21.033 | | 175 | UNK | CIRC | |
| 2900X | 12.33 | | 225 | VC | CIRC | |
| 2901X | 3.65 | 2.48 | 525 | CP | CIRC | * |
| 2901X | 12.35 | 9.68 | 225 | VC | CIRC | * |
| 2902X | | | UNK | UNK | CIRC | |
| 2903X | 14.82 | | 225 | VC | CIRC | * |
| 2903X | | | UNK | UNK | CIRC | * |
| 2950X | 14.04 | 12.82 | 225 | CP | CIRC | |
| 2951X | 12.09 | | 225 | VC | CIRC | |
| 2952X | 12.07 | 11.07 | 150 | CP | CIRC | |
| 2953X | 11.74 | 9.86 | 225 | CP | CIRC | |
| 2954X | 10.21 | | 675 | CP | CIRC | |
| 2955X | 9.32 | | 225 | VC | CIRC | |
| 2956X | 11.12 | 8.81 | 225 | VC | CIRC | |
| 3001X | 29.416 | 28.196 | 225 | UNK | CIRC | |
| 3050X | 29.907 | 28.357 | 225 | UNK | CIRC | |
| 3051X | 28.851 | | 225 | UNK | CIRC | |
| 3301X | 2.616 | | 675 | UNK | CIRC | * |
| 3301X | | | UNK | UNK | CIRC | * |
| 3302X | | | 150 | VC | CIRC | |
| 3303X | | | 150 | VC | CIRC | |
| 3304X | | | 150 | VC | CIRC | |
| 330DX | | | 525 | UNK | CIRC | |
| 330ZX | | | 225 | UNK | CIRC | |
| 3350X | | | 225 | VC | CIRC | |
| 3351X | | | 225 | VC | CIRC | |
| 3352X | | | 750 | GRC | CIRC | |
| 3401X | 49.02 | 46.99 | 225 | VC | CIRC | * |
| 3401X | 2.376 | 0.966 | 225 | UNK | CIRC | * |
| 3401X | 9.1 | 7.5 | 300 | CI | CIRC | * |
| 3402Y | 2.316 | | 200 | UNK | CIRC | * |
| 3402X | 7.85 | | 300 | CI | CIRC | * |
| 3402X | 49.19 | 47.18 | 225 | VC | CIRC | * |
| 3403X | 2.165 | 0.125 | 200 | UNK | CIRC | * |
| 3403X | 48.71 | 46.48 | 225 | VC | CIRC | * |
| 3404X | | | UNK | UNK | CIRC | |
| 340DX | | | UNK | UNK | CIRC | |
| 341DX | | | UNK | UNK | CIRC | |
| 342DX | | | 200 | UNK | CIRC | |
| 3451X | 9.76 | 7.83 | 225 | VC | CIRC | |
| 3452X | 9.12 | 8.08 | 150 | VC | CIRC | |
| 3501X | 3.024 | 1.074 | 200 | UNK | CIRC | * |
| 3501X | 10.4 | 8.97 | 300 | CI | CIRC | * |
| 3501Y | 3.024 | | 225 | UNK | CIRC | * |
| 3502X | 3.004 | 0.694 | 225 | UNK | CIRC | |
| 350BX | | | 225 | UNK | CIRC | |
| 350DX | | | UNK | UNK | CIRC | |
| 351DX | | | UNK | UNK | CIRC | |
| 352DX | | | 225 | UNK | CIRC | |
| 353DX | | | UNK | UNK | CIRC | |
| 354DX | | | UNK | UNK | CIRC | |
| 3550X | 3.079 | | OTHER | UNK | CIRC | |
| 3552X | 3.537 | | 450 | UNK | CIRC | |
| 355CX | 3.046 | 1.009 | OTHER | UNK | CIRC | |
| 3601X | 5.446 | 3.686 | 200 | UNK | CIRC | |
| 3602X | 5.162 | | 200 | UNK | CIRC | |
| 3605X | 12.6 | 7.68 | 225 | CP | CIRC | |
| 360ZX | | | 225 | UNK | CIRC | |
| 3650X | 5.068 | 2.568 | 450 | UNK | CIRC | |
| 3652X | 8.021 | 6.191 | 300 | UNK | CIRC | |
| 365CX | 4.956 | 2.806 | 225 | UNK | CIRC | |
| 365DX | | | 450 | UNK | CIRC | |
| 3701Y | 8.225 | 6.815 | 200 | UNK | CIRC | * |
| 3701X | 8.225 | | 150 | UNK | CIRC | * |
| 3703X | | | 200 | UNK | CIRC | |
| 3704X | | 6.335 | 200 | UNK | CIRC | |
| 3705X | 8.992 | 6.429 | 200 | UNK | CIRC | |
| 3706X | 8.817 | | 200 | UNK | CIRC | |
| 3707X | | | 150 | UNK | CIRC | |
| 3708X | | | UNK | UNK | CIRC | |
| 3709X | | | UNK | UNK | CIRC | |
| 370DX | | | 200 | UNK | CIRC | |
| 3750X | 13.35 | 11.36 | 225 | UNK | CIRC | |

| Node | Cover | Invert | Size | Material | Shape | |
|---|---|---|---|---|---|---|
| 3751X | 8.9 | 6.79 | 225 | UNK | CIRC | |
| 3752X | 8.993 | 6.997 | 225 | UNK | CIRC | |
| 3753X | 8.848 | | 225 | UNK | CIRC | |
| 3754X | | | 150 | UNK | CIRC | |
| 375DX | | | 300 | UNK | CIRC | |
| 3801X | 21.048 | | 175 | UNK | CIRC | |
| 3802X | 15.384 | | UNK | UNK | CIRC | |
| 3803X | 13.655 | | 200 | UNK | CIRC | |
| 3850X | 16.257 | | 225 | UNK | CIRC | |
| 385CY | 14.356 | 12.26 | 225 | UNK | CIRC | |
| 3900X | 12.68 | 9.32 | 300 | VC | CIRC | |
| 3901X | | | UNK | PF | CIRC | * |
| 3901X | 3.25 | | OTHER | CP | CIRC | * |
| 3950X | 22.268 | | 225 | UNK | CIRC | * |
| 3950X | 11.63 | 8.99 | 300 | CP | CIRC | * |
| 3951X | 11.46 | 8.88 | 300 | CP | CIRC | |
| 4001X | 30.328 | 27.598 | 225 | UNK | CIRC | * |
| 4001X | 13.61 | | 200 | VC | CIRC | * |
| 4002X | 30.013 | 27.963 | 225 | UNK | CIRC | * |
| 4002X | 12.46 | | 225 | VC | CIRC | * |
| 4050X | 30.262 | 28.742 | 225 | UNK | CIRC | |
| 4051X | 12.97 | 12.31 | 225 | CP | CIRC | |
| 4052X | 12.74 | 11.05 | 225 | CI | CIRC | |
| 4053X | 12.23 | 11.13 | 225 | CI | CIRC | |
| 4101X | 24.35 | 22.85 | 150 | VC | CIRC | |
| 4150X | 24.48 | 23.52 | 225 | VC | CIRC | |
| 4201X | 29.59 | 27.66 | 150 | VC | CIRC | * |
| 4201X | 1.26 | 0.48 | 225 | UNK | CIRC | * |
| 4202X | 28.8 | 27.38 | 150 | VC | CIRC | * |
| 4202X | 1.909 | −0.051 | 225 | UNK | CIRC | * |
| 4203X | 28.66 | 27.23 | 150 | VC | CIRC | * |
| 4203X | 1.785 | 0.155 | 225 | UNK | CIRC | * |
| 4204X | 1.606 | 0.366 | 225 | UNK | CIRC | * |
| 4204X | 28.57 | 27.04 | 150 | VC | CIRC | * |
| 4205X | | | UNK | VC | CIRC | * |
| 4205X | 28.17 | 26.84 | 150 | VC | CIRC | * |
| 4206X | | | UNK | UNK | CIRC | * |
| 4206X | 29.98 | 28.61 | 150 | VC | CIRC | * |
| 4207X | 33.21 | 30.86 | 150 | VC | CIRC | * |
| 4207X | | | UNK | UNK | CIRC | * |
| 4208X | | | UNK | UNK | CIRC | |
| 4209X | | | UNK | UNK | CIRC | |
| 420DX | | | 150 | VC | CIRC | * |
| 420DX | | | UNK | UNK | CIRC | * |
| 4210X | | | UNK | UNK | CIRC | |
| 4211X | | | UNK | VC | CIRC | |
| 422DX | | | UNK | UNK | CIRC | |
| 4250X | 29.56 | 28.72 | 225 | VC | CIRC | |
| 4251X | 28.44 | 27.64 | 225 | CP | CIRC | |
| 4252X | 28.61 | 27.71 | 225 | CP | CIRC | |
| 4253X | 28.66 | 27.77 | 225 | CP | CIRC | |
| 4254X | 28.76 | 27.81 | 225 | CP | CIRC | |
| 4255X | 29.7 | 28.12 | 225 | CP | CIRC | |
| 4256X | 32.76 | 30.68 | 225 | CP | CIRC | |
| 4301X | 39.77 | 38.66 | 150 | VC | CIRC | * |
| 4301X | 1.841 | | 225 | UNK | CIRC | * |
| 4302X | 43.8 | 42.79 | 150 | VC | CIRC | * |
| 4302X | 1.537 | | 525 | UNK | CIRC | * |
| 4303X | 39.38 | 37.95 | 150 | VC | CIRC | * |
| 4303X | 1.319 | | 225 | UNK | CIRC | * |
| 4304X | 1.515 | −0.085 | 150 | UNK | CIRC | |
| 4305X | 1.411 | 0.101 | 150 | UNK | CIRC | |
| 4306X | 1.599 | −0.011 | 150 | UNK | CIRC | |
| 4308X | | | UNK | UNK | CIRC | |
| 430DX | | | 225 | UNK | CIRC | |
| 4350X | 43.86 | 43.27 | 150 | VC | CIRC | |
| 4351X | 37.58 | 37.02 | 225 | VC | CIRC | |
| 4401X | 46.45 | 44.8 | 225 | VC | CIRC | * |
| 4401Y | 46.45 | 44.86 | 150 | VC | CIRC | * |
| 4401X | 2.642 | | 200 | UNK | CIRC | * |
| 4402X | 48.03 | 45.39 | 225 | VC | CIRC | * |
| 4402X | 2.929 | 1.259 | 200 | UNK | CIRC | * |
| 4403X | 45.51 | 44.45 | 225 | PVC | CIRC | * |
| 4403X | 2.617 | 1.177 | 225 | UNK | CIRC | * |
| 4404X | 2.713 | 1.332 | 150 | UNK | CIRC | |
| 4405X | | | UNK | UNK | CIRC | |
| 4501X | 3.429 | | 225 | UNK | CIRC | |
| 4502X | 3.326 | 0.876 | 225 | UNK | CIRC | |
| 4503X | 3.189 | 1.039 | 225 | UNK | CIRC | |
| 4550X | 3.38 | 1.18 | 900 | UNK | CIRC | |
| 4551X | 3.159 | 1.259 | 900 | UNK | CIRC | |
| 4601X | 5.538 | 3.918 | 200 | UNK | CIRC | |
| 4701X | | | UNK | UNK | CIRC | |
| 4702X | 9.15 | 6.698 | 200 | UNK | CIRC | |
| 4703X | 8.97 | 6.75 | 200 | UNK | CIRC | |
| 4704X | | | 200 | UNK | CIRC | |
| 4705X | | | 200 | UNK | CIRC | |
| 4750X | 13.207 | | 225 | UNK | CIRC | |
| 4751X | 12.721 | 11.131 | 225 | UNK | CIRC | |
| 4752X | 9.16 | 7.785 | 150 | UNK | CIRC | |
| 4753X | 12.62 | 12.62 | 225 | UNK | CIRC | |
| 475CX | | | UNK | UNK | CIRC | |
| 475DX | | | 225 | UNK | CIRC | |
| 476CX | | | 150 | UNK | CIRC | |
| 4800X | 15.92 | 13.88 | 150 | VC | CIRC | |
| 4801X | 14.61 | 13.71 | 150 | VC | CIRC | |
| 4802X | 14.25 | 13.61 | 150 | VC | CIRC | |
| 4803X | 14.29 | 13.43 | 150 | VC | CIRC | |
| 4804X | 14.64 | 13.33 | 150 | VC | CIRC | |
| 4805X | 15.76 | 12.97 | 150 | VC | CIRC | |
| 4850X | 16.19 | 14.14 | 150 | VC | CIRC | |
| 4851X | 16.04 | 14.19 | 150 | VC | CIRC | |
| 4852X | 14.29 | 12.31 | 150 | VC | CIRC | |
| 4900X | 13.31 | 8.83 | 225 | VC | CIRC | |
| 4901X | | | UNK | UNK | CIRC | |
| 4950X | 13.13 | 9.91 | 225 | VC | CIRC | |
| 4951X | 12.46 | 9.31 | 300 | CP | CIRC | |
| 5001X | 30.537 | 27.237 | 225 | UNK | CIRC | * |
| 5001X | 15.03 | 13.5 | 200 | VC | CIRC | * |
| 5002X | 13.35 | 8.38 | 225 | VC | CIRC | |
| 5003X | 13.94 | −528.06 | 225 | VC | CIRC | |
| 5050X | 30.583 | 29.133 | 225 | UNK | CIRC | * |
| 5050X | 13.89 | 13.24 | 225 | CP | CIRC | * |
| 5051X | 15.36 | 14.75 | 225 | CP | CIRC | |
| 5052X | 14.95 | 14.32 | 225 | CP | CIRC | |
| 5053Y | 15.42 | | 150 | VC | CIRC | * |
| 5053X | 15.42 | | 150 | VC | CIRC | * |
| 5101X | 22.23 | 20.66 | 150 | VC | CIRC | |
| 5102X | 16.36 | 14.69 | 200 | VC | CIRC | |
| 5151X | 21.98 | 21.06 | 225 | VC | CIRC | |
| 5201X | 1.5 | 0.58 | 225 | UNK | CIRC | |
| 5301X | 1.297 | −0.423 | 525 | UNK | CIRC | |
| 5302X | 1.606 | | 450 | UNK | CIRC | |
| 5303X | 1.286 | 0.196 | 225 | UNK | CIRC | |
| 5304X | 1.546 | 0.026 | 225 | UNK | CIRC | |
| 5305X | 1.529 | 0.299 | 150 | UNK | CIRC | |
| 5306X | | | UNK | UNK | CIRC | |
| 5307X | 1.46 | 0.61 | 150 | UNK | CIRC | |
| 5308X | | | UNK | UNK | CIRC | |
| 5309X | | | UNK | UNK | CIRC | |
| 530DX | | | 525 | UNK | CIRC | |
| 5310X | | | 100 | VC | CIRC | |
| 531DX | | | UNK | UNK | CIRC | |
| 5401X | 40.04 | 37.79 | 175 | VC | CIRC | * |
| 5401Y | 2.528 | | UNK | UNK | CIRC | * |
| 5402X | 2.428 | 0.898 | 225 | UNK | CIRC | * |
| 5402X | 40.4 | 39.37 | 175 | VC | CIRC | * |
| 5403X | 2.332 | 0.802 | 225 | UNK | CIRC | |
| 5404X | 1.451 | 0.151 | 225 | UNK | CIRC | |
| 5405X | 1.565 | 0.645 | 200 | UNK | CIRC | |
| 5406X | | | UNK | UNK | CIRC | |
| 5407X | | | UNK | UNK | CIRC | |
| 5408X | | | 100 | VC | CIRC | |
| 5409X | | | 100 | VC | CIRC | |
| 540ZY | | | 200 | UNK | CIRC | * |
| 540ZX | | | 225 | UNK | CIRC | * |
| 5501X | 3.174 | | 225 | UNK | CIRC | * |
| 5501X | 32.21 | 30.97 | 150 | VC | CIRC | * |
| 5502X | 3.176 | | 225 | UNK | CIRC | |
| 5503X | 2.628 | 0.688 | 225 | UNK | CIRC | |
| 5504X | 3.09 | 1.11 | 225 | UNK | CIRC | |
| 5505X | | | UNK | UNK | CIRC | |
| 5506X | | | UNK | UNK | UNK | |
| 550DX | | | 225 | UNK | CIRC | |
| 551DX | | | 100 | UNK | CIRC | |
| 552DX | | | UNK | UNK | UNK | |
| 553DX | | | 225 | UNK | CIRC | |
| 5550X | 3.089 | | 900 | UNK | CIRC | |
| 5551X | 2.9 | | UNK | UNK | CIRC | |
| 5601Y | 5.858 | 4.448 | 200 | UNK | CIRC | |
| 5602X | 4.566 | 3.366 | 225 | UNK | CIRC | |
| 560DX | | | 100 | UNK | CIRC | |
| 560ZX | | | 150 | UNK | CIRC | * |
| 560ZY | | | 225 | UNK | CIRC | * |
| 561DX | | | 100 | UNK | CIRC | |
| 562DX | | | 225 | UNK | CIRC | |
| 563DX | | | 225 | UNK | CIRC | |
| 5650X | 5.92 | 3.64 | 300 | UNK | CIRC | * |
| 5650X | 25.64 | 24.08 | 150 | VC | CIRC | * |
| 5701Y | 8.373 | | UNK | UNK | CIRC | * |
| 5701Z | 8.373 | | 200 | UNK | CIRC | * |
| 5702X | 7.127 | 5.467 | 150 | UNK | CIRC | |
| 5703X | 6.785 | 5.305 | 150 | UNK | CIRC | |
| 5704X | | | UNK | UNK | CIRC | |
| 5706X | | | UNK | VC | CIRC | |
| 5707X | | | UNK | UNK | CIRC | |
| 571DX | | | UNK | VC | CIRC | |
| 572DX | | | 200 | UNK | CIRC | |
| 573DX | | | 200 | UNK | CIRC | |
| 5750X | 8.49 | 6.38 | 225 | UNK | CIRC | |
| 5751X | 7.241 | | 225 | UNK | CIRC | |
| 5752X | 12.616 | 10.766 | 225 | UNK | CIRC | |
| 575DX | | | 225 | UNK | CIRC | * |
| 575DY | | | UNK | UNK | CIRC | * |
| 57ADX | | | 200 | UNK | CIRC | |
| 5901X | 22.173 | 20.353 | 225 | UNK | CIRC | |
| 5902X | 22.028 | 20.068 | 225 | UNK | CIRC | |
| 5903X | | | UNK | UNK | CIRC | |
| 590DX | | | UNK | UNK | CIRC | |

| Node | Cover | Invert | Size | Material | Shape | |
|---|---|---|---|---|---|---|
| 5950X | 21.939 | 19.889 | 225 | UNK | CIRC | * |
| 5950X | 12.04 | 6.98 | 375 | CP | CIRC | * |
| 6001X | 30.887 | 26.987 | 225 | UNK | CIRC | * |
| 6001X | 15.94 | 8.13 | 300 | CP | CIRC | * |
| 6001Y | 15.94 | 8.18 | 225 | VC | CIRC | * |
| 6002X | | | UNK | VC | CIRC | |
| 6004X | | | UNK | VC | CIRC | |
| 6051X | 10.09 | 7.8 | 375 | CP | CIRC | |
| 6101X | 18.76 | 7.93 | 300 | CP | CIRC | |
| 6201X | 20.65 | | 175 | VC | CIRC | |
| 6250X | 20.69 | 19.83 | 225 | VC | CIRC | |
| 6251X | 20.78 | 19.86 | 225 | CP | CIRC | |
| 6252X | 19.34 | 18.1 | 225 | VC | CIRC | |
| 6301X | 1.29 | 0.55 | 225 | UNK | CIRC | |
| 6302X | 1.373 | | 225 | UNK | CIRC | |
| 6401X | 34.86 | 33.16 | 175 | VC | CIRC | * |
| 6401X | 2.249 | | 225 | UNK | CIRC | * |
| 6402X | 2.178 | 0.118 | 225 | UNK | CIRC | |
| 6403X | 2.246 | 0.306 | 225 | UNK | CIRC | |
| 6404X | 2.268 | 0.258 | 225 | UNK | CIRC | |
| 6405X | 2.272 | −0.248 | 450 | UNK | CIRC | |
| 6450X | 30.84 | 29.34 | 225 | VC | CIRC | |
| 6501X | 34.26 | 32.79 | 150 | VC | CIRC | * |
| 6501X | 2.326 | 0.596 | 225 | UNK | CIRC | * |
| 6502X | 28.61 | 26.58 | 150 | VC | CIRC | |
| 6503X | | | UNK | UNK | CIRC | |
| 6504X | | | 150 | VC | CIRC | |
| 6505X | | | UNK | UNK | CIRC | |
| 6506X | | | UNK | UNK | CIRC | |
| 650DX | | | UNK | UNK | CIRC | |
| 6550X | 2.75 | | 900 | UNK | CIRC | * |
| 6550X | 37.11 | 35.74 | 225 | VC | CIRC | * |
| 6551X | | | 900 | UNK | CIRC | * |
| 6551X | 34.33 | 33.15 | 225 | VC | CIRC | * |
| 6601X | 23.55 | 21.66 | 225 | VC | CIRC | * |
| 6601X | 9.24 | | UNK | UNK | CIRC | * |
| 6604X | 25.95 | 24.04 | 225 | VC | CIRC | |
| 6653X | 23.33 | 21.89 | 150 | VC | CIRC | |
| 6701X | 11.113 | | 225 | UNK | CIRC | |
| 6702X | 9.194 | 7.374 | 225 | UNK | CIRC | |
| 6703X | 9.347 | 7.417 | 225 | UNK | CIRC | |
| 6704X | 9.517 | | 225 | UNK | CIRC | |
| 6705X | 8.91 | | 200 | UNK | CIRC | |
| 6706X | 10.131 | 8.031 | 225 | UNK | CIRC | |
| 6750X | 8.699 | 6.649 | 225 | UNK | CIRC | |
| 6751X | 10.478 | 8.048 | 150 | UNK | CIRC | |
| 6752X | 9.458 | 7.86 | 150 | UNK | CIRC | |
| 6753X | 6.623 | | 225 | UNK | CIRC | |
| 6754X | 7.647 | 5.847 | 225 | UNK | CIRC | |
| 6755X | 6.736 | 5.376 | 225 | UNK | CIRC | |
| 6756X | 6.39 | 5.56 | 225 | UNK | CIRC | |
| 6801X | 11.433 | | 225 | UNK | CIRC | |
| 6802X | 11.307 | 9.107 | 175 | UNK | CIRC | |
| 6803X | 10.884 | 9.163 | 225 | UNK | CIRC | |
| 6804X | | | 225 | UNK | CIRC | |
| 680BX | | | 150 | UNK | CIRC | |
| 680DX | | | 225 | UNK | CIRC | |
| 681DX | | | 225 | UNK | CIRC | |
| 682DX | | | 225 | UNK | CIRC | |
| 683DX | | | 225 | UNK | CIRC | |
| 684DX | | | UNK | UNK | CIRC | |
| 6850X | 16.562 | 14.202 | 225 | UNK | CIRC | |
| 6851X | 10.723 | 7.953 | 375 | UNK | CIRC | |
| 6852X | 11.719 | 10.029 | 225 | UNK | CIRC | |
| 6901X | 21.876 | 19.736 | 225 | UNK | CIRC | |
| 6902X | 17.559 | 16.129 | 225 | UNK | CIRC | |
| 690DX | | | UNK | UNK | CIRC | |
| 691DX | | | UNK | UNK | CIRC | |
| 6950X | 21.758 | 19.148 | 225 | UNK | CIRC | * |
| 6950X | 10.05 | | UNK | UNK | UNK | * |
| 6951X | 10.8 | | UNK | UNK | UNK | |
| 6952X | 10.98 | 7.25 | 375 | CP | CIRC | |
| 7001X | 14.16 | 7.84 | 225 | VC | CIRC | * |
| 7001X | 25.32 | 23.66 | 225 | UNK | CIRC | * |
| 7002X | 28.012 | 24.142 | 225 | UNK | CIRC | |
| 7003X | 30.342 | 26.652 | 225 | UNK | CIRC | |
| 7004X | 29.939 | 27.399 | 225 | UNK | CIRC | |
| 7005X | 30.389 | 27.719 | 225 | UNK | CIRC | |
| 700ZX | | | 175 | UNK | CIRC | |
| 7050X | 12.62 | 9.73 | 375 | CP | CIRC | * |
| 7050X | 25.447 | 23.397 | 225 | UNK | CIRC | * |
| 7051X | 10.52 | 8.88 | 375 | CP | CIRC | * |
| 7051X | 30.251 | 28.301 | 225 | UNK | CIRC | * |
| 7052X | 30.27 | 29.17 | 225 | UNK | CIRC | |
| 7101X | 12.76 | 7.55 | 225 | VC | CIRC | |
| 7102X | 12.99 | 7.51 | 225 | VC | CIRC | |
| 7103X | 14.66 | 11.26 | 150 | VC | CIRC | |
| 7104Y | 16.7 | | UNK | UNK | CIRC | * |
| 7104X | 16.7 | 14.14 | 150 | VC | CIRC | * |
| 7151X | 16.53 | 15.05 | 225 | VC | CIRC | |
| 7152X | 13.08 | 11.13 | 225 | VC | CIRC | |
| 7153X | 13.23 | 10.63 | 375 | CP | CIRC | |
| 7154X | 13.12 | 11.58 | 225 | VC | CIRC | |
| 715IX | 11.16 | | 225 | VC | CIRC | |
| 7202X | 16.59 | 14.87 | 175 | VC | CIRC | |
| 7203X | | | UNK | UNK | CIRC | |
| 7251X | 21.57 | 20.75 | 225 | CP | CIRC | |
| 7301X | 22.4 | 21.21 | 175 | VC | CIRC | |
| 7302X | | | UNK | UNK | CIRC | |
| 7303Y | | | UNK | UNK | CIRC | * |
| 7303X | | | UNK | UNK | CIRC | * |
| 7304X | | | UNK | UNK | CIRC | |
| 7305X | | | UNK | UNK | CIRC | |
| 7306X | | | UNK | UNK | CIRC | |
| 732DX | | | 175 | VC | CIRC | |
| 733DX | | | 175 | VC | CIRC | |
| 7350X | 23.11 | 21.89 | 225 | CP | CIRC | |
| 7351X | 22.19 | 21.35 | 225 | CP | CIRC | |
| 7401X | 2.052 | 0.052 | 375 | UNK | CIRC | |
| 740ZX | | | 450 | UNK | CIRC | |
| 741DX | | | UNK | UNK | CIRC | |
| 7501X | 27.88 | 26.42 | 150 | VC | CIRC | |
| 7502X | 26.36 | 24.87 | 150 | VC | CIRC | |
| 7503X | 26 | 23.25 | 175 | VC | CIRC | |
| 7504X | | | 100 | PF | CIRC | |
| 7505X | | | 100 | PF | CIRC | |
| 7506X | | | 100 | PF | CIRC | |
| 7507X | | | UNK | UNK | CIRC | |
| 7508X | | | UNK | UNK | CIRC | |
| 750DX | | | UNK | UNK | CIRC | |
| 751DX | | | UNK | UNK | CIRC | |
| 7550X | | | 900 | UNK | CIRC | * |
| 7550X | 27.96 | 26.73 | 225 | VC | CIRC | * |
| 7551X | 26.37 | 25.17 | 225 | VC | CIRC | |
| 7552X | 25.87 | 24.04 | 225 | VC | CIRC | |
| 7600X | 4.29 | 1.82 | 225 | VC | CIRC | |
| 7601X | 3.82 | 1.97 | 225 | VC | CIRC | |
| 7602X | 5.3 | | 225 | UNK | CIRC | |
| 7603X | 4.75 | | 225 | UNK | CIRC | |
| 7650X | 4.23 | 2.5 | 225 | VC | CIRC | |
| 7651X | 4.228 | 2.551 | 450 | UNK | CIRC | |
| 7652X | 5.25 | 3.98 | 225 | UNK | CIRC | |
| 7750X | 10.19 | 5.72 | 225 | UNK | CIRC | |
| 7751X | 6.926 | 5.166 | 225 | UNK | CIRC | |
| 7752X | 5.888 | 4.148 | 225 | UNK | CIRC | |
| 7801X | 10.332 | | 225 | UNK | CIRC | |
| 780DX | | | 150 | UNK | CIRC | |
| 781DX | | | UNK | UNK | CIRC | |
| 7850X | 10.224 | | 375 | UNK | CIRC | |
| 7851X | 10.478 | | 525 | UNK | CIRC | |
| 785CX | 10.973 | 10.273 | 150 | UNK | CIRC | |
| 785DX | | | 225 | UNK | CIRC | |
| 7901X | 17.452 | 15.592 | 200 | UNK | CIRC | |
| 7904X | | | 100 | VC | CIRC | |
| 790DX | | | UNK | UNK | UNK | |
| 790ZX | | | 225 | UNK | CIRC | |
| 791DX | | | UNK | UNK | UNK | |
| 792DX | | | 225 | UNK | CIRC | |
| 794DX | | | 200 | UNK | CIRC | |
| 7950X | 17.6 | 14.87 | 225 | UNK | CIRC | |
| 79ADX | | | 100 | VC | CIRC | |
| 79BDX | | | 100 | VC | CIRC | |
| 8001X | 24.57 | 22.71 | 225 | VC | CIRC | |
| 8002Y | 24.98 | 23.47 | 225 | VC | CIRC | |
| 8050X | 24.03 | 22.65 | 150 | VC | CIRC | |
| 8051X | 24.87 | 23.64 | 150 | VC | CIRC | |
| 8052X | 31.573 | 30.133 | 225 | UNK | CIRC | |
| 8101X | 32.927 | 31.157 | 225 | UNK | CIRC | * |
| 8101X | 10.86 | | 225 | VC | CIRC | * |
| 8102X | 41.154 | 37.744 | 225 | UNK | CIRC | * |
| 8102X | | | 225 | VC | CIRC | * |
| 810DX | | | UNK | UNK | CIRC | |
| 811DX | | | UNK | UNK | CIRC | |
| 812DX | | | UNK | UNK | CIRC | |
| 813DX | | | UNK | UNK | CIRC | * |
| 813DY | | | 225 | VC | CIRC | * |
| 814DX | | | 225 | VC | CIRC | |
| 8150X | 32.857 | 31.407 | 225 | UNK | CIRC | |
| 8151X | 41.138 | 37.928 | 150 | UNK | CIRC | |
| 81ADX | 10.32 | 8.85 | 100 | VC | CIRC | |
| 81BDX | 10.35 | | 100 | VC | CIRC | |
| 81CDX | 11.035 | | UNK | UNK | CIRC | |
| 81DDY | 10.67 | | UNK | UNK | CIRC | * |
| 81DDX | 10.67 | 9.37 | 100 | VC | CIRC | * |
| 8201X | 48.401 | 45.791 | 225 | UNK | CIRC | * |
| 8201X | 10.92 | 10.43 | 100 | VC | CIRC | * |
| 820DX | 10.62 | 9.36 | 100 | VC | CIRC | |
| 821DX | 10.81 | 9.68 | 100 | VC | CIRC | |
| 822DX | 10.91 | 10.91 | UNK | VC | CIRC | |
| 8250X | 48.724 | 47.064 | 150 | UNK | CIRC | |
| 8251X | 53.009 | 51.349 | 225 | UNK | CIRC | |
| 8301X | 23.19 | 22.09 | 150 | VC | CIRC | |
| 8302X | 18.89 | | UNK | UNK | CIRC | |
| 8303X | | | UNK | UNK | CIRC | |
| 830DX | | | 150 | VC | CIRC | |
| 8351X | 21.82 | | OTHER | OTHER | CIRC | |
| 8400X | 2.96 | 0.39 | 300 | VC | CIRC | |
| 8401X | 22.57 | 21.26 | 175 | VC | CIRC | |
| 8402X | | | UNK | UNK | CIRC | |

**LINE STYLES / COLOURS**

- Brown: Foul; Foul Syphon Sewer; Foul Vacuum Main; Foul Rising Main
- Red: Combined; Combined Syphon Sewer; Combined Rising Main; Lateral Drain
- Orange: Building Over Agreement Area
- Dark Blue: Treated Effluent
- Purple: Sludge; Sewer Catchment; Section 104 Area
- Light Blue: Surface Water; Surface Water Rising Main
- Yellow: Private
- Green: Access Shaft; Decommissioned

**MATERIALS**

AK Alkathene; BAC Bonded Asbestos Cement; BRC Brick (Common); BRE Brick (Engineering); CC Concrete Box Culvert; CI Cast Iron; CO Concrete (In-Situ); CP Concrete (Pre-Cast); CSB Concrete Segments (bolted); CSU Concrete Segments (unbolted); DI Ductile Iron; GRC Glass Reinforced Concrete; GRP Glass Reinforced Plastic; MAC Masonry in regular Courses; MAR Masonry in random Courses; PE Polyethylene; PF Pitch Fibre; PP Polypropylene; PVC Polyvinyl Chloride; RPM Reinforced Plastic Matrix; SI Spun Iron; ST Steel; VC Vitrified Clay; XXX Other; ZZZ Unknown

**LEGEND - SEWERS**

Manhole (SW); Manhole (F&C); Lamp hole (SW); Lamp hole (F&C); Pumping Station (SW); Pumping Station (F&C); Side entry manhole (SW); Side entry Manhole (F&C); Blind shaft (SW); Blind shaft (F&C); Ejector station (SW); Ejector station (F&C); Watertight door (SW); Watertight door (F&C); Flushing ch. Mn-e (SW); Flushing ch. Mn-e (F&C); Flushing ch. No-e (SW); Flushing ch. No-e (F&C); Demarcation Chamber

Washout (SW); Washout (F&C); Rodding Eye (SW); Rodding Eye (F&C); Gauging point (SW); Gauging point (F&C); Intercept chamber (SW); Intercept chamber (F&C); Storm Tank (SW); Storm Tank (F&C); Vortex chamber (SW); Vortex chamber (F&C); Label ellipse; Dummy/S24 manhole; Outfall; Penstock chamber; Damboards; Storm Overflow; Backdrop manhole

Other (s); Other; Change in sewer (s); Change in sewer; Reflux valve; Flap valve; Cascade; Anode; Valve; Closed Valve; Air Valve; Hatch box (SW); Hatch box (F&C); Direction arrow; Emptying valve; Catchpit; Soakaway; Inlet; Balancing Pond

Wastewater treatment works; Marine treatment works; Outfall headworks; Vent; Vent column; Tidal storage tank; Blank end; Head of Public Sewer; Micro Pumping Station

**SHAPES (S)**

A Arched; B Barrel; C Circular; E Egg; H Horseshoe; R Rectangular; S Square; T Trapezoidal; U U Shape; X Other

**NODE REFERENCING SYSTEM**

1st digit: hundred metre easting identifier
2nd digit: hundred metre northing identifier
3rd digit: sewer type identifier 0-4 = Foul/Combined 5-9 = Surface Water
4th digit: next sequential node

WARNING: BAC pipes are constructed of Bonded Asbestos Cement

WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement

| O.S. Ref. | SU6905NW | Drawn by: | yadavsa |
|---|---|---|---|
| Scale: | 1:2500 | Date: | 20/07/2016 |

Title: 218407_Site off A27, A2030 Hav

N

Southern Water

The information contained on this plan is provided as a guide to the approximate position of existing public sewers. The accuracy thereof cannot be guaranteed.

THIS INFORMATION MUST BE TREATED WITH CAUTION AND THE ACTUAL POSITION OF THE PUBLIC SEWERS MUST BE ESTABLISHED ON SITE, IN ALL CASES.

Southern Water must be informed before lifting manhole covers or excavating trial holes.

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