


PROPOSED ALIGNMENT CONTROL SHEET

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| PROJECT REFERENCE NO. | SHEET NO. |
| L-5986B | RW02D-3 |
| Location and Surveys | |
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| L | | | |
|------|------------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 773.00.00 | 543409.2697 | 2109553.5565 |
| POT | 780.00.00 | 544042.9640 | 2109850.9310 |
| PC | 880.82.46 | 553170.3903 | 2114134.1700 |
| PT | 887.00.89 | 553730.1796 | 2114397.0281 |
| PC | 916.50.41 | 556399.7049 | 2115651.3342 |
| PT | 923.26.94 | 557008.8499 | 2115945.6474 |
| POT | 927.80.35 | 557414.9413 | 2116147.3102 |
| TS | 983.01.99 | 562360.3650 | 2118603.1815 |
| SC | 987.45.99 | 562753.5302 | 2118809.2913 |
| CS | 992.86.28 | 563196.9054 | 2119117.0276 |
| ST | 997.30.28 | 563527.5115 | 2119413.2705 |
| TS | 1006.57.49 | 564204.3253 | 2120047.0308 |
| SC | 1009.53.49 | 564418.5236 | 2120251.3081 |
| CS | 1011.08.37 | 564527.0569 | 2120361.7927 |
| ST | 1014.04.37 | 564727.4853 | 2120579.5967 |
| TS | 1086.43.17 | 569580.3374 | 2125950.8170 |
| SC | 1087.91.17 | 569679.7924 | 2126060.4192 |
| CS | 1125.10.00 | 572588.8323 | 2128350.7754 |
| ST | 1126.58.00 | 572718.7122 | 2128421.7340 |
| TS | 1166.08.07 | 576189.2458 | 2130308.1150 |
| SC | 1167.56.07 | 576319.4278 | 2130378.5179 |
| CS | 1186.43.59 | 578048.2158 | 2131131.0043 |
| ST | 1187.91.59 | 578188.4529 | 2131178.3063 |
| PC | 1232.85.00 | 582449.2122 | 2132605.4230 |
| PT | 1240.22.99 | 583145.0990 | 2132851.0360 |
| TS | 1312.03.75 | 589877.1178 | 2135349.6979 |
| SC | 1314.99.75 | 590153.7146 | 2135455.0782 |
| CS | 1345.98.71 | 592587.6913 | 2137311.8062 |
| ST | 1348.94.71 | 592762.4254 | 2137550.7179 |
| PC | 1369.12.58 | 593939.5749 | 2139189.6502 |
| PT | 1370.29.16 | 594007.7143 | 2139284.2488 |
| POT | 1449.42.69 | 598641.6039 | 2145699.1590 |

| SR17 | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 12.40.18 | 578923.0956 | 2132325.4165 |
| PC | 12.70.18 | 578933.3614 | 2132353.6054 |
| PT | 14.58.67 | 579087.1800 | 2132425.2979 |
| PC | 14.79.74 | 579106.9749 | 2132418.0891 |
| PT | 21.81.46 | 579792.2910 | 2132280.1200 |
| PC | 26.69.03 | 580279.3027 | 2132256.6847 |
| PT | 39.27.68 | 581518.9144 | 2132428.2870 |
| PC | 48.66.07 | 582408.7179 | 2132726.3216 |
| PRC | 50.90.61 | 582621.2775 | 2132798.6837 |
| PRC | 53.81.13 | 582899.5664 | 2132881.7899 |
| PT | 57.47.42 | 583249.1716 | 2132990.4629 |
| POT | 65.99.36 | 584047.8794 | 2133286.9120 |

| SR19 | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10.00.00 | 582423.1987 | 2132310.2778 |
| PC | 11.26.12 | 582422.6678 | 2132436.3978 |
| PRC | 12.32.52 | 582480.6644 | 2132517.3524 |
| PT | 19.71.67 | 583177.6338 | 2132763.3791 |
| POT | 28.98.68 | 584046.7126 | 2133085.9471 |

| Y18 | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10.00.00 | 593303.5717 | 2135834.5125 |
| PC | 14.50.11 | 593047.1354 | 2136204.4248 |
| PT | 15.51.07 | 592987.9530 | 2136286.2180 |
| PC | 17.67.34 | 592857.6616 | 2136458.8381 |
| PT | 19.06.70 | 592771.5178 | 2136568.3638 |
| PC | 22.01.41 | 592584.7454 | 2136796.3418 |
| PT | 23.51.22 | 592492.3156 | 2136914.2215 |
| PC | 26.90.64 | 592288.6461 | 2137185.7414 |
| PT | 27.96.01 | 592227.0773 | 2137271.2475 |
| PC | 31.12.69 | 592047.0806 | 2137531.7996 |
| PT | 32.16.83 | 591986.2516 | 2137616.3189 |
| POT | 41.42.84 | 591430.9333 | 2138357.3410 |

| Y18RPA | | | |
|--------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10.00.00 | 593004.6489 | 2137783.3971 |
| TS | 10.37.77 | 592984.5285 | 2137751.4309 |
| SC | 12.47.77 | 592877.9298 | 2137570.5810 |
| CS | 14.76.38 | 592793.4688 | 2137358.5171 |
| ST | 16.44.38 | 592754.0165 | 2137195.2528 |
| TS | 17.45.96 | 592732.4669 | 2137095.9852 |
| SC | 19.29.96 | 592676.8739 | 2136921.2711 |
| PT | 20.30.61 | 592616.0684 | 2136841.5662 |
| POT | 20.83.65 | 592577.7833 | 2136804.8671 |

| Y18RPB | | | |
|--------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| CS | 10.00.00 | 591700.9473 | 2136301.6536 |
| ST | 11.20.00 | 591793.0856 | 2136378.5326 |
| TS | 12.02.20 | 591856.0210 | 2136431.4149 |
| SC | 14.12.20 | 592020.6133 | 2136561.7198 |
| CS | 16.82.67 | 592257.6508 | 2136690.7888 |
| ST | 18.50.67 | 592416.0408 | 2136746.6842 |
| POT | 20.24.44 | 592581.2044 | 2136800.6710 |

| Y18RPC | | | |
|--------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| CS | 10.00.00 | 591538.7360 | 2136327.5330 |
| SC | 10.90.00 | 591608.3109 | 2136384.6110 |
| CS | 14.26.53 | 591828.4456 | 2136637.6938 |
| ST | 15.94.53 | 591913.2114 | 2136782.6989 |
| PC | 20.36.24 | 592127.1731 | 2137169.1339 |
| PT | 21.44.46 | 592117.4620 | 2137270.4824 |

| Y18RPD | | | |
|--------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| TS | 10.00.00 | 593227.3980 | 2138302.6601 |
| SC | 11.80.00 | 593120.2211 | 2138158.0665 |
| CS | 15.33.45 | 592878.0040 | 2137901.2891 |
| ST | 16.77.45 | 592768.0780 | 2137808.2844 |
| PC | 23.19.76 | 592272.7843 | 2137399.3291 |
| PT | 24.04.30 | 592193.1926 | 2137383.7804 |

| Y18SP3 | | | |
|--------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| PC | 10.00.00 | 592112.5754 | 2137355.0274 |
| PT | 10.77.08 | 592111.7293 | 2137427.6619 |
| POT | 11.36.81 | 592077.7763 | 2137476.8102 |

| Y18RAA | | | |
|--------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| PC | 10.00.00 | 592117.4620 | 2137270.4824 |
| PCC | 10.63.59 | 592102.3147 | 2137330.0692 |
| PCC | 11.38.27 | 592149.5738 | 2137383.4367 |
| PCC | 11.82.60 | 592193.1926 | 2137383.7804 |
| PCC | 13.20.93 | 592227.0419 | 2137271.2988 |
| PT | 14.46.11 | 592117.4620 | 2137270.4824 |

| Y18SP4 | | | |
|--------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10.00.00 | 592087.6495 | 2137483.6308 |
| PC | 10.76.09 | 592130.8979 | 2137421.0271 |
| PT | 11.42.37 | 592185.0765 | 2137385.8131 |

| Y18SP4D | | | |
|---------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| PC | 10.00.00 | 592089.5056 | 2137505.5752 |
| PCC | 10.90.77 | 592150.1510 | 2137438.3806 |
| PCC | 11.97.50 | 592250.3644 | 2137420.8420 |
| PT | 13.12.93 | 592349.7822 | 2137478.4668 |

| Y19RPB | | | |
|--------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10.00.00 | 597814.4703 | 2142615.8633 |
| TS | 18.13.00 | 597010.5053 | 2142494.9946 |
| SC | 20.29.00 | 596797.8212 | 2142457.5987 |
| PCC | 26.97.77 | 596202.2035 | 2142166.7055 |
| CS | 29.02.12 | 596055.6844 | 2142024.6100 |
| ST | 31.18.12 | 595924.0549 | 2141853.4490 |

| Y19RPCA | | | |
|---------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| TS | 10.00.00 | 595442.2632 | 2141353.8419 |
| SC | 11.62.00 | 595534.7339 | 2141486.8320 |
| CS | 16.72.55 | 595733.2444 | 2141954.5335 |
| ST | 18.34.55 | 595764.6642 | 2142113.4360 |
| POT | 20.16.31 | 595796.7074 | 2142292.3567 |

| Y28 | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10.00.00 | 590748.7436 | 2135013.1235 |
| PC | 16.41.36 | 591068.6628 | 2135568.9955 |
| PT | 22.56.86 | 591460.0546 | 2136040.1359 |
| PC | 24.77.55 | 591627.9030 | 2136183.4237 |
| PCC | 28.27.71 | 591898.1406 | 2136406.0675 |
| PT | 29.75.36 | 592028.3327 | 2136386.5689 |
| POT | 31.99.04 | 592154.9668 | 2136202.1911 |

| Y28A | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10.00.00 | 591773.6890 | 2135471.4157 |
| PC | 14.40.54 | 591523.0355 | 2135833.6960 |
| PT | 14.98.56 | 591487.7707 | 2135879.7393 |
| POT | 16.36.66 | 591398.5982 | 2135985.1902 |

| Y29 | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10.00.00 | 589706.4360 | 2133605.0040 |
| PC | 10.75.84 | 589648.5067 | 2133653.9586 |
| PT | 12.62.34 | 589504.1312 | 2133771.9935 |
| PC | 15.11.58 | 589308.6231 | 2133926.5927 |
| PT | 15.86.08 | 589250.4931 | 2133973.1768 |
| PC | 19.67.85 | 588954.1395 | 2134213.8480 |
| PT | 20.57.32 | 588884.2506 | 2134269.7056 |
| PC | 31.05.12 | 588060.6655 | 2134917.4693 |
| PT | 34.24.12 | 587803.6985 | 2135106.4016 |
| PC | 38.34.69 | 587465.1930 | 2135338.7365 |
| PT | 38.58.25 | 587445.7392 | 2135352.0300 |
| PC | 44.42.53 | 586962.6592 | 2135680.6800 |
| PT | 44.61.78 | 586946.7189 | 2135691.4855 |
| PC | 46.54.05 | 586787.3870 | 2135799.1009 |
| PCC | 47.34.65 | 586738.7778 | 2135861.6979 |
| PT | 47.79.19 | 586729.9815 | 2135905.2070 |
| POT | 49.86.48 | 586718.5491 | 2136112.1851 |

| Y29A | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 7.60.69 | 587769.9959 | 2135129.5336 |
| PC | 7.81.69 | 587781.8795 | 2135146.8477 |
| PT | 9.83.74 | 587960.8740 | 2135201.3900 |
| PC | 11.39.74 | 588105.8765 | 2135143.8550 |
| PT | 12.90.66 | 588252.3716 | 2135110.0459 |
| PC | 16.91.08 | 588651.6327 | 2135079.6849 |
| PT | 19.06.72 | 588863.5278 | 2135109.4919 |
| PC | 30.86.31 | 589969.3950 | 2135519.9465 |
| PT | 39.88.01 | 590785.8964 | 2135900.2678 |

| Y30 | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10.00.00 | 590854.0593 | 2136866.5804 |
| PC | 14.60.41 | 591312.2583 | 2136821.4852 |
| PRC | 22.09.02 | 591922.7244 | 2137168.6444 |
| PT | 25.08.50 | 592152.1147 | 2137342.7396 |
| POT | 25.31.74 | 592175.0333 | 2137346.5832 |

| Y30SP1 | | | |
|--------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| PC | 10.00.00 | 592116.1315 | 2137272.1215 |
| PCC | 10.98.87 | 592027.4415 | 2137284.9180 |
| PT | 11.51.50 | 591987.3627 | 2137250.8993 |

| Y30SP2 | | | |
|--------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| PC | 10.00.00 | 591978.8353 | 2137259.3423 |
| PRC | 11.23.84 | 592080.7788 | 2137328.2530 |
| PT | 11.65.63 | 592112.3475 | 2137354.6783 |

| Y31 | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10.00.00 | 592766.4218 | 2136629.5009 |
| POT | 14.30.03 | 593120.0466 | 2136874.2026 |

| Y33 | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10.00.00 | 593450.8911 | 2139672.6950 |
| PC | 10.62.66 | 593497.6099 | 2139630.945 |