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| 委託名  | 荒尾都市計画事業<br>南新地土地区画整理事業<br>16街区ほか街区確定計画法に基づき委託 |
| 図面名  | 街区確定図  |
| 縮尺   | 1/1000 図面番号                                    |
| 整理番号 |  |
| 課長   | 課長補佐 係長 技師                                     |
| 荒尾市  |  |

# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No： 12 地番名： 7 街区

| 点番   | Xn       | Yn         | 距離     | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|----------|------------|--------|-----------|-----------|------------------|
| 2439 | -543.930 | -53388.957 | 3.000  | 33-17-34  | 1.217     | -661.962810      |
| 2440 | -541.422 | -53387.310 | 50.754 | 80-06-17  | 51.646    | -27962.280612    |
| 2441 | -532.700 | -53337.311 | 3.001  | 126-07-17 | 52.423    | -27925.732100    |
| 2442 | -534.469 | -53334.887 | 31.521 | 172-07-55 | 6.739     | -3601.786591     |
| 2817 | -565.693 | -53330.572 | 3.000  | 214-40-50 | 2.608     | -1475.327344     |
| 2818 | -568.160 | -53332.279 | 14.074 | 257-14-33 | -15.434   | 8768.981440      |
| 2812 | -571.268 | -53346.006 | 31.818 | 260-06-16 | -45.072   | 25748.191296     |
| 3186 | -576.736 | -53377.351 | 4.665  | 310-32-24 | -34.890   | 20122.319040     |
| 3188 | -573.704 | -53380.896 | 13.983 | 347-01-52 | -6.683    | 3834.063832      |
| 3189 | -560.078 | -53384.034 | 15.046 | 342-37-29 | -7.631    | 4273.955218      |
| 3190 | -545.719 | -53388.527 | 1.840  | 346-29-06 | -4.923    | 2686.574637      |

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| 倍面積合計 | 3806.996006  |
| 1/2   | 1903.4980030 |

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| 合計面積 | 1903.4980030 |
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# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No： 13 地番名： 8-1 街区

| 点番   | Xn       | Yn         | 距離      | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|----------|------------|---------|-----------|-----------|------------------|
| 3208 | -447.970 | -53507.568 | 62.526  | 70-11-10  | 60.331    | -27026.478070    |
| 3209 | -426.776 | -53448.744 | 8.702   | 122-28-25 | 66.165    | -28237.634040    |
| 3210 | -431.448 | -53441.403 | 17.780  | 174-46-32 | 8.960     | -3865.774080     |
| 2282 | -449.154 | -53439.784 | 20.382  | 174-46-31 | 3.475     | -1560.810150     |
| 2283 | -469.451 | -53437.928 | 20.331  | 170-46-23 | 5.116     | -2401.711316     |
| 2284 | -489.519 | -53434.668 | 19.976  | 170-46-24 | 6.463     | -3163.761297     |
| 2285 | -509.237 | -53431.465 | 19.905  | 171-03-28 | 6.297     | -3206.665389     |
| 2286 | -528.900 | -53428.371 | 19.862  | 171-55-09 | 5.886     | -3113.105400     |
| 2287 | -548.565 | -53425.579 | 19.940  | 172-46-38 | 5.299     | -2906.845935     |
| 2288 | -568.347 | -53423.072 | 9.492   | 173-21-04 | 3.606     | -2049.459282     |
| 3203 | -577.775 | -53421.973 | 9.495   | 215-41-44 | -4.441    | 2565.898775      |
| 3204 | -585.486 | -53427.513 | 55.042  | 260-06-16 | -59.763   | 34990.399818     |
| 3205 | -594.945 | -53481.736 | 3.000   | 305-06-17 | -56.677   | 33719.697765     |
| 3206 | -593.220 | -53484.190 | 144.810 | 350-06-17 | -27.339   | 16218.041580     |
| 3207 | -450.564 | -53509.075 | 3.000   | 30-09-17  | -23.378   | 10533.285192     |

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| 倍面積合計 | 20495.078171  |
| 1/2   | 10247.5390855 |

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| 合計面積 | 10247.5390855 |
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# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No： 14 地番名： 8-2 街区

| 点番   | Xn       | Yn         | 距離      | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|----------|------------|---------|-----------|-----------|------------------|
| 3217 | -451.488 | -53517.336 | 3.001   | 120-08-42 | 56.399    | -25463.471712    |
| 3218 | -452.995 | -53514.741 | 143.388 | 170-06-18 | 27.235    | -12337.318825    |
| 3211 | -594.250 | -53490.101 | 3.000   | 215-04-41 | 22.916    | -13617.833000    |
| 3212 | -596.705 | -53491.825 | 37.145  | 260-06-18 | -38.316   | 22863.348780     |
| 2822 | -603.088 | -53528.417 | 2.009   | 260-04-58 | -38.571   | 23261.707248     |
| 2823 | -603.434 | -53530.396 | 2.009   | 260-01-36 | -3.958    | 2388.391772      |
| 2824 | -603.782 | -53532.375 | 2.010   | 259-51-30 | -3.958    | 2389.769156      |
| 2825 | -604.136 | -53534.354 | 2.010   | 259-39-06 | -3.956    | 2389.962016      |
| 2826 | -604.497 | -53536.331 | 2.010   | 259-19-59 | -3.952    | 2388.972144      |
| 2827 | -604.869 | -53538.306 | 2.010   | 258-59-11 | -3.948    | 2388.022812      |
| 2828 | -605.253 | -53540.279 | 2.010   | 258-31-21 | -3.943    | 2386.512579      |
| 2829 | -605.653 | -53542.249 | 2.010   | 258-03-09 | -3.936    | 2383.850208      |
| 2830 | -606.069 | -53544.215 | 2.010   | 257-26-36 | -3.928    | 2380.639032      |
| 2831 | -606.506 | -53546.177 | 1.630   | 256-50-31 | -3.549    | 2152.489794      |
| 3213 | -606.877 | -53547.764 | 7.357   | 294-43-58 | -8.269    | 5018.265913      |
| 3214 | -603.799 | -53554.446 | 125.445 | 349-59-44 | -28.475   | 17193.176525     |
| 3215 | -480.261 | -53576.239 | 10.683  | 28-30-29  | -16.694   | 8017.477134      |
| 3216 | -470.873 | -53571.140 | 57.190  | 70-11-11  | 58.903    | -27735.832319    |

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| 倍面積合計 | 18448.129257 |
| 1/2   | 9224.0646285 |

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| 合計面積 | 9224.0646285 |
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# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No： 15 地番名： 9 街区

| 点番   | Xn       | Yn         | 距離      | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|----------|------------|---------|-----------|-----------|------------------|
| 2655 | -618.850 | -53525.667 | 102.352 | 80-06-17  | 102.809   | -63623.349650    |
| 3219 | -601.261 | -53424.838 | 7.913   | 126-47-25 | 107.166   | -64434.736326    |
| 3220 | -606.000 | -53418.501 | 2.245   | 172-45-28 | 6.620     | -4011.720000     |
| 2264 | -608.227 | -53418.218 | 20.052  | 171-55-06 | 3.102     | -1886.720154     |
| 2265 | -628.080 | -53415.399 | 10.096  | 171-20-48 | 4.338     | -2724.611040     |
| 2266 | -638.061 | -53413.880 | 10.048  | 170-46-06 | 3.131     | -1997.768991     |
| 2267 | -647.979 | -53412.268 | 20.023  | 170-46-19 | 4.823     | -3125.202717     |
| 2268 | -667.743 | -53409.057 | 20.000  | 170-29-18 | 6.516     | -4351.013388     |
| 2269 | -687.468 | -53405.752 | 20.000  | 170-46-12 | 6.513     | -4477.479084     |
| 2270 | -707.209 | -53402.544 | 20.000  | 170-29-18 | 6.513     | -4606.052217     |
| 2271 | -726.934 | -53399.239 | 19.977  | 170-46-14 | 6.509     | -4731.613406     |
| 2272 | -746.652 | -53396.035 | 4.174   | 170-29-09 | 3.894     | -2907.462888     |
| 3221 | -750.769 | -53395.345 | 9.715   | 215-17-42 | -4.923    | 3696.035787      |
| 3222 | -758.698 | -53400.958 | 184.468 | 260-06-18 | -187.337  | 142132.207226    |
| 3223 | -790.398 | -53582.682 | 8.485   | 305-06-02 | -188.666  | 149121.229068    |
| 3224 | -785.519 | -53589.624 | 61.614  | 350-07-43 | -17.505   | 13750.510095     |
| 2731 | -724.817 | -53600.187 | 0.128   | 350-05-45 | -10.585   | 7672.187945      |
| 2730 | -724.691 | -53600.209 | 2.010   | 350-08-38 | -0.366    | 265.236906       |
| 2729 | -722.711 | -53600.553 | 2.010   | 350-12-18 | -0.686    | 495.779746       |
| 2728 | -720.730 | -53600.895 | 2.010   | 350-24-23 | -0.677    | 487.934210       |
| 2727 | -718.748 | -53601.230 | 2.010   | 350-36-29 | -0.663    | 476.529924       |
| 2726 | -716.765 | -53601.558 | 2.010   | 350-57-17 | -0.644    | 461.596660       |
| 2725 | -714.780 | -53601.874 | 2.010   | 351-21-28 | -0.618    | 441.734040       |
| 2724 | -712.793 | -53602.176 | 2.010   | 351-50-59 | -0.587    | 418.409491       |
| 2723 | -710.803 | -53602.461 | 2.010   | 352-23-39 | -0.551    | 391.652453       |
| 2722 | -708.811 | -53602.727 | 2.010   | 353-05-01 | -0.508    | 360.075988       |
| 2721 | -706.816 | -53602.969 | 2.010   | 353-49-47 | -0.458    | 323.721728       |
| 2720 | -704.818 | -53603.185 | 2.010   | 354-37-58 | -0.404    | 284.746472       |
| 2719 | -702.817 | -53603.373 | 2.010   | 355-36-20 | -0.342    | 240.363414       |
| 2718 | -700.813 | -53603.527 | 2.010   | 356-36-18 | -0.273    | 191.321949       |
| 2717 | -698.807 | -53603.646 | 2.010   | 357-43-07 | -0.199    | 139.062593       |
| 2716 | -696.799 | -53603.726 | 2.010   | 358-56-44 | -0.117    | 81.525483        |
| 2715 | -694.789 | -53603.763 | 2.010   | 0-15-24   | -0.028    | 19.454092        |
| 2714 | -692.779 | -53603.754 | 2.010   | 1-40-56   | 0.068     | -47.108972       |
| 2713 | -690.770 | -53603.695 | 2.010   | 3-11-39   | 0.171     | -118.121670      |
| 2712 | -688.763 | -53603.583 | 2.010   | 4-45-58   | 0.279     | -192.164877      |
| 2711 | -686.760 | -53603.416 | 2.010   | 6-22-07   | 0.390     | -267.836400      |
| 2710 | -684.762 | -53603.193 | 2.010   | 7-58-37   | 0.502     | -343.750524      |
| 2709 | -682.771 | -53602.914 | 2.010   | 9-33-56   | 0.613     | -418.538623      |

# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

| 点番   | X <sub>n</sub> | Y <sub>n</sub> | 距離    | 方向角      | Y <sub>n+1</sub> -Y <sub>n-1</sub> | X <sub>n</sub> × (Y <sub>n+1</sub> -Y <sub>n-1</sub> ) |
|------|----------------|----------------|-------|----------|------------------------------------|--|
| 2708 | -680.789       | -53602.580     | 2.010 | 11-11-13 | 0.724                              | -492.891236  |
| 2707 | -678.817       | -53602.190     | 2.010 | 12-45-50 | 0.834                              | -566.133378  |
| 2706 | -676.857       | -53601.746     | 2.010 | 14-22-30 | 0.943                              | -638.276151  |
| 2705 | -674.910       | -53601.247     | 2.010 | 15-58-22 | 1.052                              | -710.005320  |
| 2704 | -672.978       | -53600.694     | 2.009 | 17-35-14 | 1.160                              | -780.654480  |
| 2703 | -671.063       | -53600.087     | 2.010 | 19-09-54 | 1.267                              | -850.236821  |
| 2702 | -669.164       | -53599.427     | 2.010 | 20-44-34 | 1.372                              | -918.093008  |
| 2701 | -667.284       | -53598.715     | 2.009 | 22-22-43 | 1.477                              | -985.578468  |
| 2700 | -665.426       | -53597.950     | 2.010 | 23-58-37 | 1.582                              | -1052.703932   |
| 2699 | -663.589       | -53597.133     | 2.010 | 25-33-28 | 1.684                              | -1117.483876   |
| 2698 | -661.776       | -53596.266     | 2.010 | 27-10-37 | 1.785                              | -1181.270160   |
| 2697 | -659.988       | -53595.348     | 2.010 | 28-47-00 | 1.886                              | -1244.737368   |
| 2696 | -658.226       | -53594.380     | 2.009 | 30-20-34 | 1.983                              | -1305.262158   |
| 2695 | -656.492       | -53593.365     | 2.010 | 31-57-58 | 2.079                              | -1364.846868   |
| 2694 | -654.787       | -53592.301     | 2.011 | 33-34-46 | 2.176                              | -1424.816512   |
| 2693 | -653.112       | -53591.189     | 2.010 | 35-09-11 | 2.269                              | -1481.911128   |
| 2692 | -651.469       | -53590.032     | 2.010 | 36-46-02 | 2.360                              | -1537.466840   |
| 2691 | -649.859       | -53588.829     | 2.010 | 38-22-30 | 2.451                              | -1592.804409   |
| 2690 | -648.283       | -53587.581     | 2.010 | 39-57-19 | 2.539                              | -1645.990537   |
| 2689 | -646.742       | -53586.290     | 2.010 | 41-34-19 | 2.625                              | -1697.697750   |
| 2688 | -645.238       | -53584.956     | 2.010 | 43-09-55 | 2.709                              | -1747.949742   |
| 2687 | -643.772       | -53583.581     | 2.010 | 44-45-29 | 2.790                              | -1796.123880   |
| 2686 | -642.345       | -53582.166     | 2.009 | 46-21-03 | 2.869                              | -1842.887805   |
| 2685 | -640.958       | -53580.712     | 2.010 | 47-57-51 | 2.947                              | -1888.903226   |
| 2684 | -639.612       | -53579.219     | 2.010 | 49-34-52 | 3.023                              | -1933.547076   |
| 2683 | -638.309       | -53577.689     | 2.011 | 51-09-28 | 3.096                              | -1976.204664   |
| 2682 | -637.048       | -53576.123     | 2.011 | 52-45-35 | 3.167                              | -2017.531016   |
| 2681 | -635.831       | -53574.522     | 2.011 | 54-20-59 | 3.235                              | -2056.913285   |
| 2680 | -634.659       | -53572.888     | 2.010 | 55-58-12 | 3.300                              | -2094.374700   |
| 2679 | -633.534       | -53571.222     | 2.010 | 57-33-34 | 3.362                              | -2129.941308   |
| 2678 | -632.456       | -53569.526     | 2.010 | 59-08-55 | 3.422                              | -2164.264432   |
| 2677 | -631.425       | -53567.800     | 2.010 | 60-45-26 | 3.480                              | -2197.359000   |
| 2676 | -630.443       | -53566.046     | 2.010 | 62-22-37 | 3.535                              | -2228.616005   |
| 2675 | -629.511       | -53564.265     | 2.010 | 63-56-41 | 3.587                              | -2258.055957   |
| 2674 | -628.628       | -53562.459     | 2.009 | 65-33-56 | 3.635                              | -2285.062780   |
| 2673 | -627.797       | -53560.630     | 2.010 | 67-08-04 | 3.681                              | -2310.920757   |
| 2672 | -627.016       | -53558.778     | 2.010 | 68-40-11 | 3.724                              | -2335.007584   |
| 2671 | -626.285       | -53556.906     | 2.011 | 70-03-04 | 3.762                              | -2356.084170   |
| 2670 | -625.599       | -53555.016     | 2.010 | 71-22-33 | 3.795                              | -2374.148205   |
| 2669 | -624.957       | -53553.111     | 2.010 | 72-34-28 | 3.823                              | -2389.210611   |
| 2668 | -624.355       | -53551.193     | 2.010 | 73-42-08 | 3.847                              | -2401.893685   |

# 面積計算 計算書

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令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

| 点番   | Xn       | Yn         | 距離    | 方向角      | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|----------|------------|-------|----------|-----------|------------------|
| 2667 | -623.791 | -53549.264 | 2.010 | 74-42-45 | 3.868     | -2412.823588     |
| 2666 | -623.261 | -53547.325 | 2.010 | 75-37-30 | 3.886     | -2421.992246     |
| 2665 | -622.762 | -53545.378 | 2.010 | 76-26-52 | 3.901     | -2429.394562     |
| 2664 | -622.291 | -53543.424 | 2.010 | 77-12-30 | 3.914     | -2435.646974     |
| 2663 | -621.846 | -53541.464 | 2.010 | 77-51-05 | 3.925     | -2440.745550     |
| 2662 | -621.423 | -53539.499 | 2.010 | 78-25-58 | 3.934     | -2444.678082     |
| 2661 | -621.020 | -53537.530 | 2.011 | 78-54-09 | 3.942     | -2448.060840     |
| 2660 | -620.633 | -53535.557 | 2.010 | 79-18-18 | 3.948     | -2450.259084     |
| 2659 | -620.260 | -53533.582 | 2.010 | 79-37-26 | 3.952     | -2451.267520     |
| 2658 | -619.898 | -53531.605 | 2.010 | 79-51-30 | 3.956     | -2452.316488     |
| 2657 | -619.544 | -53529.626 | 2.009 | 80-01-36 | 3.958     | -2452.155152     |
| 2656 | -619.196 | -53527.647 | 2.010 | 80-05-16 | 3.959     | -2451.396964     |

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| 倍面積合計 | 60521.467005  |
| 1/2   | 30260.7335025 |

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| 合計面積 | 30260.7335025 |
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# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No： 16 地番名： 1 0 街区

| 点番   | Xn       | Yn         | 距離     | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|----------|------------|--------|-----------|-----------|------------------|
| 3229 | -597.511 | -53373.120 | 7.205  | 34-00-44  | 3.368     | -2012.417048     |
| 3230 | -591.539 | -53369.090 | 26.225 | 80-05-58  | 29.864    | -17665.720696    |
| 2811 | -587.030 | -53343.256 | 30.037 | 82-58-00  | 55.645    | -32665.284350    |
| 2653 | -583.352 | -53313.445 | 42.445 | 80-06-18  | 71.625    | -41782.587000    |
| 2526 | -576.058 | -53271.631 | 2.010  | 83-24-06  | 43.811    | -25237.677038    |
| 2527 | -575.827 | -53269.634 | 2.010  | 89-58-17  | 4.007     | -2307.338789     |
| 2528 | -575.826 | -53267.624 | 2.010  | 96-34-12  | 4.007     | -2307.334782     |
| 2529 | -576.056 | -53265.627 | 2.008  | 103-46-24 | 3.947     | -2273.693032     |
| 2530 | -576.534 | -53263.677 | 2.010  | 116-33-54 | 3.748     | -2160.849432     |
| 2531 | -577.433 | -53261.879 | 2.009  | 127-44-33 | 3.387     | -1955.765571     |
| 2532 | -578.663 | -53260.290 | 2.012  | 137-46-48 | 2.941     | -1701.847883     |
| 2533 | -580.153 | -53258.938 | 2.011  | 147-49-10 | 2.423     | -1405.710719     |
| 2534 | -581.855 | -53257.867 | 2.012  | 157-50-01 | 1.830     | -1064.794650     |
| 2535 | -583.718 | -53257.108 | 1.868  | 167-00-19 | 1.179     | -688.203522      |
| 3145 | -585.538 | -53256.688 | 3.554  | 172-09-26 | 0.905     | -529.911890      |
| 3144 | -589.059 | -53256.203 | 4.910  | 171-53-11 | 1.178     | -693.911502      |
| 3143 | -593.920 | -53255.510 | 14.994 | 172-07-36 | 2.747     | -1631.498240     |
| 3142 | -608.773 | -53253.456 | 6.060  | 172-05-21 | 2.888     | -1758.136424     |
| 3141 | -614.775 | -53252.622 | 10.151 | 172-07-05 | 2.226     | -1368.489150     |
| 3140 | -624.830 | -53251.230 | 15.448 | 172-14-23 | 3.478     | -2173.158740     |
| 3139 | -640.137 | -53249.144 | 47.768 | 172-10-06 | 8.595     | -5501.977515     |
| 3138 | -687.459 | -53242.635 | 19.075 | 172-09-13 | 9.113     | -6264.813867     |
| 3137 | -706.355 | -53240.031 | 17.172 | 172-09-16 | 4.948     | -3495.044540     |
| 3225 | -723.366 | -53237.687 | 9.719  | 216-07-37 | -3.386    | 2449.317276      |
| 3226 | -731.216 | -53243.417 | 98.160 | 260-06-16 | -102.430  | 74898.454880     |
| 3227 | -748.085 | -53340.117 | 9.650  | 305-24-58 | -104.564  | 78222.759940     |
| 3228 | -742.493 | -53347.981 | 3.648  | 350-46-21 | -8.449    | 6273.323357      |
| 2540 | -738.892 | -53348.566 | 19.977 | 350-29-09 | -3.887    | 2872.073204      |
| 2541 | -719.190 | -53351.868 | 19.975 | 350-46-23 | -6.505    | 4678.330950      |
| 2542 | -699.473 | -53355.071 | 20.000 | 350-46-22 | -6.410    | 4483.621930      |
| 2543 | -679.732 | -53358.278 | 20.048 | 350-46-20 | -6.422    | 4365.238904      |
| 2544 | -659.943 | -53361.493 | 20.049 | 350-11-54 | -6.628    | 4374.102204      |
| 2545 | -640.187 | -53364.906 | 10.095 | 350-12-06 | -5.131    | 3284.799497      |
| 2546 | -630.239 | -53366.624 | 10.100 | 349-03-10 | -3.636    | 2291.549004      |
| 2547 | -620.323 | -53368.542 | 10.051 | 349-03-24 | -3.826    | 2373.355798      |
| 2548 | -610.455 | -53370.450 | 10.057 | 348-28-56 | -3.916    | 2390.541780      |
| 2549 | -600.601 | -53372.458 | 3.160  | 347-54-28 | -2.670    | 1603.604670      |

|       |               |
|-------|---------------|
| 倍面積合計 | 35914.907014  |
| 1/2   | 17957.4535070 |



# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

|         |               |
|---------|---------------|
| 合 計 面 積 | 17957.4535070 |
|---------|---------------|

# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名: 荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No: 17 地番名: 1 1 街区

| 点番   | Xn       | Yn         | 距離     | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|----------|------------|--------|-----------|-----------|------------------|
| 3235 | -765.006 | -53349.839 | 4.246  | 35-09-40  | -0.016    | 12.240096        |
| 3236 | -761.535 | -53347.394 | 13.411 | 80-06-10  | 15.656    | -11922.591960    |
| 3237 | -759.230 | -53334.183 | 2.499  | 350-05-35 | 12.781    | -9703.718630     |
| 3238 | -756.768 | -53334.613 | 96.038 | 80-06-17  | 94.179    | -71271.653472    |
| 3231 | -740.264 | -53240.004 | 3.003  | 92-13-58  | 97.610    | -72257.169040    |
| 3232 | -740.381 | -53237.003 | 3.596  | 172-10-03 | 3.491     | -2584.670071     |
| 3233 | -743.943 | -53236.513 | 4.248  | 149-28-08 | 2.648     | -1969.961064     |
| 3234 | -747.602 | -53234.355 | 44.925 | 172-10-50 | 8.270     | -6182.668540     |
| 3135 | -792.109 | -53228.243 | 11.474 | 172-12-04 | 7.669     | -6074.683921     |
| 3134 | -803.477 | -53226.686 | 23.141 | 172-09-24 | 4.715     | -3788.394055     |
| 3133 | -826.402 | -53223.528 | 1.594  | 171-16-13 | 3.400     | -2809.766800     |
| 3132 | -827.978 | -53223.286 | 12.811 | 172-13-15 | 1.976     | -1636.084528     |
| 2553 | -840.671 | -53221.552 | 0.745  | 172-58-48 | 1.825     | -1534.224575     |
| 2554 | -841.410 | -53221.461 | 2.010  | 180-03-25 | 0.089     | -74.885490       |
| 2555 | -843.420 | -53221.463 | 2.010  | 190-32-59 | -0.370    | 312.065400       |
| 2556 | -845.396 | -53221.831 | 2.010  | 201-01-23 | -1.089    | 920.636244       |
| 2557 | -847.272 | -53222.552 | 2.011  | 211-30-58 | -1.772    | 1501.365984      |
| 2558 | -848.986 | -53223.603 | 2.009  | 222-00-53 | -2.396    | 2034.170456      |
| 2559 | -850.479 | -53224.948 | 2.010  | 232-28-48 | -2.939    | 2499.557781      |
| 2560 | -851.703 | -53226.542 | 2.011  | 242-21-06 | -3.375    | 2874.497625      |
| 2561 | -852.636 | -53228.323 | 2.010  | 249-37-03 | -3.665    | 3124.910940      |
| 2562 | -853.336 | -53230.207 | 2.010  | 256-37-15 | -3.839    | 3275.956904      |
| 2563 | -853.801 | -53232.162 | 89.863 | 260-06-16 | -90.481   | 77252.768281     |
| 2564 | -869.244 | -53320.688 | 2.010  | 264-15-40 | -90.526   | 78689.182344     |
| 2565 | -869.445 | -53322.688 | 2.010  | 271-04-59 | -4.010    | 3486.474450      |
| 2566 | -869.407 | -53324.698 | 2.010  | 277-51-50 | -4.001    | 3478.497407      |
| 2567 | -869.132 | -53326.689 | 2.010  | 284-38-16 | -3.936    | 3420.903552      |
| 2568 | -868.624 | -53328.634 | 0.945  | 289-39-43 | -2.835    | 2462.549040      |
| 2569 | -868.306 | -53329.524 | 7.173  | 326-51-57 | -4.811    | 4177.420166      |
| 2570 | -862.299 | -53333.445 | 4.365  | 346-21-08 | -4.951    | 4269.242349      |
| 2571 | -858.057 | -53334.475 | 19.845 | 350-29-11 | -4.310    | 3698.225670      |
| 2572 | -838.485 | -53337.755 | 39.990 | 350-46-19 | -9.693    | 8127.435105      |
| 2573 | -799.013 | -53344.168 | 20.021 | 350-46-26 | -9.623    | 7688.902099      |
| 2574 | -779.251 | -53347.378 | 14.456 | 350-11-54 | -5.671    | 4419.132421      |

|       |               |
|-------|---------------|
| 倍面積合計 | 25915.662168  |
| 1/2   | 12957.8310840 |

|      |               |
|------|---------------|
| 合計面積 | 12957.8310840 |
|------|---------------|

# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No： 18 地番名： 1 2 街区

| 点番   | Xn       | Yn         | 距離      | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|----------|------------|---------|-----------|-----------|------------------|
| 3239 | -804.130 | -53586.385 | 3.187   | 15-24-52  | -7.959    | 6400.070670      |
| 3240 | -801.058 | -53585.538 | 3.352   | 71-19-58  | 4.023     | -3222.656334     |
| 3241 | -799.985 | -53582.362 | 202.083 | 80-06-19  | 202.253   | -161799.366205   |
| 2503 | -765.259 | -53383.285 | 19.589  | 170-29-09 | 202.315   | -154823.374585   |
| 2343 | -784.579 | -53380.047 | 20.000  | 170-46-22 | 6.445     | -5056.611655     |
| 2345 | -804.320 | -53376.840 | 20.000  | 170-29-07 | 6.513     | -5238.536160     |
| 2347 | -824.045 | -53373.534 | 20.000  | 170-46-22 | 6.513     | -5367.005085     |
| 2349 | -843.786 | -53370.327 | 20.000  | 170-29-07 | 6.513     | -5495.578218     |
| 2351 | -863.511 | -53367.021 | 11.886  | 192-28-56 | 0.737     | -636.407607      |
| 2355 | -875.116 | -53369.590 | 5.284   | 260-46-36 | -7.785    | 6812.778060      |
| 2505 | -875.963 | -53374.806 | 1.596   | 229-20-39 | -6.427    | 5629.814201      |
| 2506 | -877.003 | -53376.017 | 2.010   | 236-22-52 | -2.885    | 2530.153655      |
| 2507 | -878.116 | -53377.691 | 2.011   | 243-09-17 | -3.468    | 3045.306288      |
| 2508 | -879.024 | -53379.485 | 2.010   | 249-57-04 | -3.682    | 3236.566368      |
| 2509 | -879.713 | -53381.373 | 2.010   | 256-49-41 | -3.845    | 3382.496485      |
| 2510 | -880.171 | -53383.330 | 14.313  | 260-06-12 | -16.057   | 14132.905747     |
| 2205 | -882.631 | -53397.430 | 30.038  | 257-14-33 | -43.396   | 38302.654876     |
| 2206 | -889.264 | -53426.726 | 127.512 | 260-06-16 | -154.911  | 137756.775504    |
| 2511 | -911.177 | -53552.341 | 0.553   | 260-06-43 | -126.160  | 114954.090320    |
| 2512 | -911.272 | -53552.886 | 2.010   | 261-54-22 | -2.535    | 2310.074520      |
| 2513 | -911.555 | -53554.876 | 2.010   | 272-49-21 | -3.998    | 3644.396890      |
| 2514 | -911.456 | -53556.884 | 2.009   | 281-39-24 | -3.976    | 3623.949056      |
| 2515 | -911.050 | -53558.852 | 2.011   | 290-33-10 | -3.851    | 3508.453550      |
| 2516 | -910.344 | -53560.735 | 2.009   | 299-33-01 | -3.631    | 3305.459064      |
| 2517 | -909.353 | -53562.483 | 2.010   | 308-10-12 | -3.328    | 3026.326784      |
| 2518 | -908.111 | -53564.063 | 2.011   | 317-03-20 | -2.950    | 2678.927450      |
| 2519 | -906.639 | -53565.433 | 2.009   | 326-09-35 | -2.489    | 2256.624471      |
| 2520 | -904.970 | -53566.552 | 2.010   | 334-57-08 | -1.970    | 1782.790900      |
| 2521 | -903.149 | -53567.403 | 2.009   | 343-43-46 | -1.414    | 1277.052686      |
| 2522 | -901.220 | -53567.966 | 17.444  | 350-07-38 | -3.554    | 3202.935880      |
| 2733 | -884.034 | -53570.957 | 30.038  | 347-15-51 | -9.613    | 8498.218842      |
| 2732 | -854.735 | -53577.579 | 51.365  | 350-07-43 | -15.428   | 13186.851580     |

|       |               |
|-------|---------------|
| 倍面積合計 | 46846.137998  |
| 1/2   | 23423.0689990 |

|      |               |
|------|---------------|
| 合計面積 | 23423.0689990 |
|------|---------------|

# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No： 19 地番名： 1 3 - 1 街区

| 点番   | Xn        | Yn         | 距離      | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|-----------|------------|---------|-----------|-----------|------------------|
| 2214 | -931.889  | -53548.868 | 127.650 | 80-06-16  | 126.300   | -117697.580700   |
| 2203 | -909.952  | -53423.117 | 30.037  | 82-58-00  | 155.562   | -141553.953024   |
| 2202 | -906.274  | -53393.306 | 39.004  | 80-06-16  | 68.235    | -61839.606390    |
| 2215 | -899.571  | -53354.882 | 149.582 | 170-46-21 | 62.410    | -56142.226110    |
| 2216 | -1047.217 | -53330.896 | 203.881 | 260-06-18 | -176.862  | 185212.893054    |
| 3242 | -1082.253 | -53531.744 | 8.688   | 306-35-58 | -207.823  | 224917.065219    |
| 3243 | -1077.073 | -53538.719 | 26.741  | 352-59-20 | -10.239   | 11028.150447     |
| 3244 | -1050.532 | -53541.983 | 105.312 | 350-07-42 | -21.319   | 22396.291708     |
| 2219 | -946.779  | -53560.038 | 2.010   | 355-50-07 | -18.201   | 17232.324579     |
| 2220 | -944.774  | -53560.184 | 2.010   | 4-44-15   | 0.020     | -18.895480       |
| 2221 | -942.771  | -53560.018 | 2.009   | 13-36-52  | 0.639     | -602.430669      |
| 2222 | -940.818  | -53559.545 | 2.011   | 22-29-02  | 1.242     | -1168.495956     |
| 2223 | -938.960  | -53558.776 | 2.010   | 31-21-53  | 1.815     | -1704.212400     |
| 2224 | -937.244  | -53557.730 | 2.010   | 40-13-05  | 2.344     | -2196.899936     |
| 2225 | -935.709  | -53556.432 | 2.011   | 49-06-52  | 2.818     | -2636.827962     |
| 2226 | -934.393  | -53554.912 | 2.010   | 58-00-35  | 3.225     | -3013.417425     |
| 2227 | -933.328  | -53553.207 | 2.010   | 66-51-14  | 3.553     | -3316.114384     |
| 2228 | -932.538  | -53551.359 | 2.012   | 74-52-20  | 3.790     | -3534.319020     |
| 2229 | -932.013  | -53549.417 | 0.563   | 77-16-21  | 2.491     | -2321.644383     |

|       |               |
|-------|---------------|
| 倍面積合計 | 63040.101168  |
| 1/2   | 31520.0505840 |

|      |               |
|------|---------------|
| 合計面積 | 31520.0505840 |
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# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No： 20 地番名： 1 3 - 2 街区

| 点番   | Xn        | Yn         | 距離      | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|-----------|------------|---------|-----------|-----------|------------------|
| 2215 | -899.571  | -53354.882 | 11.668  | 80-06-18  | -12.492   | 11237.440932     |
| 3283 | -897.566  | -53343.388 | 3.000   | 125-26-00 | 13.938    | -12510.274908    |
| 3284 | -899.305  | -53340.944 | 145.339 | 170-46-21 | 25.750    | -23157.103750    |
| 3285 | -1042.763 | -53317.638 | 3.000   | 215-26-56 | 21.566    | -22488.226858    |
| 3286 | -1045.207 | -53319.378 | 11.692  | 260-06-04 | -13.258   | 13857.354406     |
| 2216 | -1047.217 | -53330.896 | 149.582 | 350-46-21 | -35.504   | 37180.392368     |

|       |              |
|-------|--------------|
| 倍面積合計 | 4119.582190  |
| 1/2   | 2059.7910950 |

|      |              |
|------|--------------|
| 合計面積 | 2059.7910950 |
|------|--------------|

# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No： 21 地番名： 1 4 街区

| 点番   | Xn        | Yn         | 距離      | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|-----------|------------|---------|-----------|-----------|------------------|
| 3250 | -896.150  | -53335.267 | 106.726 | 80-06-16  | 106.878   | -95778.719700    |
| 2250 | -877.809  | -53230.129 | 2.011   | 83-34-29  | 107.136   | -94044.945024    |
| 2251 | -877.584  | -53228.131 | 2.010   | 90-35-55  | 4.008     | -3517.356672     |
| 2252 | -877.605  | -53226.121 | 2.009   | 97-32-58  | 4.002     | -3512.175210     |
| 2253 | -877.869  | -53224.129 | 2.010   | 104-39-55 | 3.937     | -3456.170253     |
| 2254 | -878.378  | -53222.184 | 2.009   | 114-23-48 | 3.775     | -3315.876950     |
| 2255 | -879.208  | -53220.354 | 2.010   | 125-22-55 | 3.469     | -3049.972552     |
| 2256 | -880.372  | -53218.715 | 2.010   | 136-22-14 | 3.026     | -2664.005672     |
| 2257 | -881.827  | -53217.328 | 2.010   | 147-22-09 | 2.471     | -2178.994517     |
| 2258 | -883.520  | -53216.244 | 2.010   | 158-21-46 | 1.825     | -1612.424000     |
| 2259 | -885.388  | -53215.503 | 1.651   | 168-15-16 | 1.077     | -953.562876      |
| 3127 | -887.004  | -53215.167 | 32.613  | 172-09-01 | 4.790     | -4248.749160     |
| 3126 | -919.311  | -53210.713 | 8.282   | 172-11-59 | 5.578     | -5127.916758     |
| 3125 | -927.516  | -53209.589 | 4.299   | 172-16-24 | 1.702     | -1578.632232     |
| 3124 | -931.776  | -53209.011 | 1.388   | 171-30-29 | 0.783     | -729.580608      |
| 3123 | -933.149  | -53208.806 | 27.262  | 172-18-44 | 3.852     | -3594.489948     |
| 3122 | -960.166  | -53205.159 | 13.250  | 172-44-47 | 5.320     | -5108.083120     |
| 3121 | -973.310  | -53203.486 | 19.218  | 173-13-32 | 3.940     | -3834.841400     |
| 3120 | -992.394  | -53201.219 | 19.196  | 173-44-26 | 4.360     | -4326.837840     |
| 3119 | -1011.476 | -53199.126 | 1.112   | 174-19-31 | 2.203     | -2228.281628     |
| 3118 | -1012.583 | -53199.016 | 5.954   | 174-21-40 | 0.695     | -703.745185      |
| 3245 | -1018.508 | -53198.431 | 8.141   | 217-25-08 | -4.362    | 4442.731896      |
| 3246 | -1024.974 | -53203.378 | 109.507 | 260-06-20 | -112.825  | 115642.691550    |
| 3247 | -1043.791 | -53311.256 | 3.000   | 305-25-20 | -110.323  | 115154.154493    |
| 3248 | -1042.052 | -53313.701 | 145.339 | 350-46-21 | -25.751   | 26833.881052     |
| 3249 | -898.594  | -53337.007 | 3.000   | 35-26-56  | -21.566   | 19379.078204     |

|       |               |
|-------|---------------|
| 倍面積合計 | 35887.175890  |
| 1/2   | 17943.5879450 |

|      |               |
|------|---------------|
| 合計面積 | 17943.5879450 |
|------|---------------|

# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No： 22 地番名： 1 5 街区

| 点番   | Xn        | Yn         | 距離      | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|-----------|------------|---------|-----------|-----------|------------------|
| 3257 | -1061.812 | -53304.919 | 9.736   | 35-26-19  | -15.945   | 16930.592340     |
| 3258 | -1053.880 | -53299.274 | 4.001   | 80-05-51  | 9.586     | -10102.493680    |
| 3259 | -1053.192 | -53295.333 | 2.497   | 350-06-28 | 3.512     | -3698.810304     |
| 3260 | -1050.732 | -53295.762 | 95.087  | 80-06-14  | 93.243    | -97973.403876    |
| 3251 | -1034.390 | -53202.090 | 3.502   | 92-44-59  | 97.170    | -100511.676300   |
| 3252 | -1034.558 | -53198.592 | 3.550   | 174-31-14 | 3.837     | -3969.599046     |
| 3253 | -1038.092 | -53198.253 | 4.404   | 151-30-10 | 2.440     | -2532.944480     |
| 3254 | -1041.962 | -53196.152 | 17.709  | 175-06-31 | 3.611     | -3762.524782     |
| 3116 | -1059.607 | -53194.642 | 4.850   | 175-24-40 | 1.898     | -2011.134086     |
| 3115 | -1064.441 | -53194.254 | 8.575   | 175-40-23 | 1.035     | -1101.696435     |
| 3114 | -1072.992 | -53193.607 | 8.228   | 175-34-25 | 1.282     | -1375.575744     |
| 3113 | -1081.195 | -53192.972 | 18.724  | 176-08-52 | 1.893     | -2046.702135     |
| 3112 | -1099.877 | -53191.714 | 34.625  | 176-54-09 | 3.129     | -3441.515133     |
| 3111 | -1134.451 | -53189.843 | 22.069  | 177-39-46 | 2.771     | -3143.563721     |
| 3110 | -1156.502 | -53188.943 | 25.180  | 178-20-19 | 1.630     | -1885.098260     |
| 2234 | -1181.671 | -53188.213 | 0.776   | 181-10-52 | 0.714     | -843.713094      |
| 2235 | -1182.447 | -53188.229 | 2.010   | 185-44-20 | -0.217    | 256.590999       |
| 2236 | -1184.447 | -53188.430 | 2.011   | 193-59-16 | -0.687    | 813.715089       |
| 2237 | -1186.398 | -53188.916 | 2.011   | 202-12-13 | -1.246    | 1478.251908      |
| 2238 | -1188.260 | -53189.676 | 2.010   | 210-27-20 | -1.779    | 2113.914540      |
| 2239 | -1189.993 | -53190.695 | 2.009   | 218-58-50 | -2.283    | 2716.754019      |
| 2240 | -1191.555 | -53191.959 | 2.012   | 230-53-27 | -2.825    | 3366.142875      |
| 2241 | -1192.824 | -53193.520 | 2.011   | 243-28-23 | -3.360    | 4007.888640      |
| 2242 | -1193.722 | -53195.319 | 2.010   | 251-42-01 | -3.707    | 4425.127454      |
| 2243 | -1194.353 | -53197.227 | 2.013   | 258-16-37 | -3.879    | 4632.895287      |
| 2244 | -1194.762 | -53199.198 | 2.011   | 264-46-47 | -3.974    | 4747.984188      |
| 2245 | -1194.945 | -53201.201 | 68.868  | 268-09-34 | -70.835   | 84643.929075     |
| 2809 | -1197.157 | -53270.033 | 7.095   | 265-17-41 | -75.903   | 90867.807771     |
| 3255 | -1197.739 | -53277.104 | 6.926   | 296-00-23 | -13.296   | 15925.137744     |
| 3256 | -1194.702 | -53283.329 | 134.632 | 350-46-19 | -27.815   | 33230.636130     |

|       |               |
|-------|---------------|
| 倍面積合計 | 31756.916983  |
| 1/2   | 15878.4584915 |

|      |               |
|------|---------------|
| 合計面積 | 15878.4584915 |
|------|---------------|

# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No： 23 地番名： 1 6 街区

| 点番   | Xn        | Yn         | 距離      | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|-----------|------------|---------|-----------|-----------|------------------|
| 3262 | -1095.743 | -53535.637 | 3.127   | 18-44-52  | -4.211    | 4614.173773      |
| 3263 | -1092.782 | -53534.632 | 2.527   | 71-33-54  | 3.402     | -3717.644364     |
| 3264 | -1091.983 | -53532.235 | 205.925 | 80-06-17  | 205.259   | -224139.338597   |
| 3261 | -1056.595 | -53329.373 | 145.100 | 170-46-20 | 226.130   | -238927.827350   |
| 2813 | -1199.817 | -53306.105 | 11.851  | 268-09-28 | 11.423    | -13705.509591    |
| 2213 | -1200.198 | -53317.950 | 116.432 | 268-09-37 | -128.217  | 153885.786966    |
| 2807 | -1203.936 | -53434.322 | 0.113   | 267-58-22 | -116.485  | 140240.484960    |
| 2806 | -1203.940 | -53434.435 | 2.010   | 268-10-31 | -2.122    | 2554.760680      |
| 2805 | -1204.004 | -53436.444 | 2.010   | 268-15-39 | -4.018    | 4837.688072      |
| 2804 | -1204.065 | -53438.453 | 2.010   | 268-24-12 | -4.018    | 4837.933170      |
| 2803 | -1204.121 | -53440.462 | 2.010   | 268-39-35 | -4.018    | 4838.158178      |
| 2802 | -1204.168 | -53442.471 | 2.010   | 268-58-26 | -4.019    | 4839.551192      |
| 2801 | -1204.204 | -53444.481 | 2.010   | 269-24-05 | -4.020    | 4840.900080      |
| 2800 | -1204.225 | -53446.491 | 2.010   | 269-51-27 | -4.020    | 4840.984500      |
| 2799 | -1204.230 | -53448.501 | 2.010   | 270-25-39 | -4.020    | 4841.004600      |
| 2798 | -1204.215 | -53450.511 | 2.010   | 271-06-42 | -4.020    | 4840.944300      |
| 2797 | -1204.176 | -53452.521 | 2.010   | 271-51-11 | -4.019    | 4839.583344      |
| 2796 | -1204.111 | -53454.530 | 2.010   | 272-40-49 | -4.017    | 4836.913887      |
| 2795 | -1204.017 | -53456.538 | 2.010   | 273-37-21 | -4.014    | 4832.924238      |
| 2794 | -1203.890 | -53458.544 | 2.010   | 274-37-26 | -4.009    | 4826.395010      |
| 2793 | -1203.728 | -53460.547 | 2.010   | 275-44-20 | -4.003    | 4818.523184      |
| 2792 | -1203.527 | -53462.547 | 2.010   | 276-58-23 | -3.995    | 4808.090365      |
| 2791 | -1203.283 | -53464.542 | 2.010   | 278-17-43 | -3.984    | 4793.879472      |
| 2790 | -1202.993 | -53466.531 | 2.010   | 279-40-57 | -3.970    | 4775.882210      |
| 2789 | -1202.655 | -53468.512 | 2.011   | 281-12-34 | -3.954    | 4755.297870      |
| 2788 | -1202.264 | -53470.485 | 2.010   | 282-47-30 | -3.933    | 4728.504312      |
| 2787 | -1201.819 | -53472.445 | 2.010   | 284-24-09 | -3.907    | 4695.506833      |
| 2786 | -1201.319 | -53474.392 | 2.010   | 286-00-01 | -3.879    | 4659.916401      |
| 2785 | -1200.765 | -53476.324 | 2.010   | 287-34-43 | -3.848    | 4620.543720      |
| 2784 | -1200.158 | -53478.240 | 2.009   | 289-12-38 | -3.813    | 4576.202454      |
| 2783 | -1199.497 | -53480.137 | 2.010   | 290-46-47 | -3.776    | 4529.300672      |
| 2782 | -1198.784 | -53482.016 | 2.011   | 292-23-39 | -3.738    | 4481.054592      |
| 2781 | -1198.018 | -53483.875 | 2.010   | 293-59-19 | -3.695    | 4426.676510      |
| 2780 | -1197.201 | -53485.711 | 2.010   | 295-35-00 | -3.649    | 4368.586449      |
| 2779 | -1196.333 | -53487.524 | 2.010   | 297-12-08 | -3.601    | 4307.995133      |
| 2778 | -1195.414 | -53489.312 | 2.010   | 298-47-00 | -3.550    | 4243.719700      |
| 2777 | -1194.446 | -53491.074 | 2.009   | 300-24-23 | -3.495    | 4174.588770      |
| 2776 | -1193.429 | -53492.807 | 2.010   | 301-59-25 | -3.438    | 4103.008902      |
| 2775 | -1192.364 | -53494.512 | 2.011   | 303-34-46 | -3.380    | 4030.190320      |



# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

| 点番   | Xn        | Yn         | 距離     | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|-----------|------------|--------|-----------|-----------|------------------|
| 2774 | -1191.252 | -53496.187 | 2.011  | 305-11-59 | -3.318    | 3952.574136      |
| 2773 | -1190.093 | -53497.830 | 2.011  | 306-46-23 | -3.254    | 3872.562622      |
| 2772 | -1188.889 | -53499.441 | 2.009  | 308-24-37 | -3.185    | 3786.611465      |
| 2771 | -1187.641 | -53501.015 | 2.010  | 309-58-25 | -3.114    | 3698.314074      |
| 2770 | -1186.350 | -53502.555 | 2.010  | 311-35-27 | -3.043    | 3610.063050      |
| 2769 | -1185.016 | -53504.058 | 2.011  | 313-11-10 | -2.969    | 3518.312504      |
| 2768 | -1183.640 | -53505.524 | 2.010  | 314-47-54 | -2.892    | 3423.086880      |
| 2767 | -1182.224 | -53506.950 | 2.011  | 316-23-25 | -2.813    | 3325.596112      |
| 2766 | -1180.768 | -53508.337 | 2.010  | 317-57-51 | -2.733    | 3227.038944      |
| 2765 | -1179.275 | -53509.683 | 2.010  | 319-35-59 | -2.649    | 3123.899475      |
| 2764 | -1177.744 | -53510.986 | 2.010  | 321-10-48 | -2.563    | 3018.557872      |
| 2763 | -1176.178 | -53512.246 | 2.009  | 322-47-16 | -2.475    | 2911.040550      |
| 2762 | -1174.578 | -53513.461 | 2.010  | 324-23-46 | -2.385    | 2801.368530      |
| 2761 | -1172.944 | -53514.631 | 2.011  | 325-59-09 | -2.295    | 2691.906480      |
| 2760 | -1171.277 | -53515.756 | 2.010  | 327-34-29 | -2.203    | 2580.323231      |
| 2759 | -1169.580 | -53516.834 | 2.009  | 329-11-51 | -2.107    | 2464.305060      |
| 2758 | -1167.854 | -53517.863 | 2.010  | 330-46-55 | -2.010    | 2347.386540      |
| 2757 | -1166.100 | -53518.844 | 2.010  | 332-22-37 | -1.913    | 2230.749300      |
| 2756 | -1164.319 | -53519.776 | 2.010  | 333-58-13 | -1.814    | 2112.074666      |
| 2755 | -1162.513 | -53520.658 | 2.011  | 335-35-21 | -1.713    | 1991.384769      |
| 2754 | -1160.682 | -53521.489 | 2.010  | 337-10-19 | -1.611    | 1869.858702      |
| 2753 | -1158.829 | -53522.269 | 2.009  | 338-41-47 | -1.510    | 1749.831790      |
| 2752 | -1156.957 | -53522.999 | 2.010  | 340-04-40 | -1.415    | 1637.094155      |
| 2751 | -1155.067 | -53523.684 | 2.010  | 341-24-10 | -1.326    | 1531.618842      |
| 2750 | -1153.162 | -53524.325 | 2.010  | 342-36-06 | -1.242    | 1432.227204      |
| 2749 | -1151.244 | -53524.926 | 2.010  | 343-42-08 | -1.165    | 1341.199260      |
| 2748 | -1149.315 | -53525.490 | 2.010  | 344-42-45 | -1.094    | 1257.350610      |
| 2747 | -1147.376 | -53526.020 | 2.009  | 345-40-49 | -1.027    | 1178.355152      |
| 2746 | -1145.429 | -53526.517 | 2.010  | 346-28-32 | -0.967    | 1107.629843      |
| 2745 | -1143.475 | -53526.987 | 2.010  | 347-14-10 | -0.914    | 1045.136150      |
| 2744 | -1141.515 | -53527.431 | 2.010  | 347-52-46 | -0.866    | 988.551990       |
| 2743 | -1139.550 | -53527.853 | 2.010  | 348-25-58 | -0.825    | 940.128750       |
| 2742 | -1137.581 | -53528.256 | 2.011  | 348-56-09 | -0.789    | 897.551409       |
| 2741 | -1135.607 | -53528.642 | 2.010  | 349-19-59 | -0.758    | 860.790106       |
| 2740 | -1133.632 | -53529.014 | 2.010  | 349-39-06 | -0.733    | 830.952256       |
| 2739 | -1131.655 | -53529.375 | 2.009  | 349-52-53 | -0.714    | 808.001670       |
| 2738 | -1129.677 | -53529.728 | 2.010  | 350-01-54 | -0.701    | 791.903577       |
| 2737 | -1127.697 | -53530.076 | 2.010  | 350-06-57 | -0.693    | 781.494021       |
| 2736 | -1125.717 | -53530.421 | 30.424 | 350-07-42 | -5.561    | 6260.112237      |

# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

|       |               |
|-------|---------------|
| 倍面積合計 | 52752.278901  |
| 1/2   | 26376.1394505 |

|      |               |
|------|---------------|
| 合計面積 | 26376.1394505 |
|------|---------------|

# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名: 荒尾都市計画事業南新地土地地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No: 24 地番名: 17-1 街区

| 点番   | Xn        | Yn         | 距離    | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|-----------|------------|-------|-----------|-----------|------------------|
| 2616 | -1201.135 | -53509.749 | 0.880 | 128-07-14 | 6.866     | -8246.992910     |
| 2957 | -1201.678 | -53509.057 | 2.010 | 126-48-26 | 2.301     | -2765.061078     |
| 2958 | -1202.882 | -53507.448 | 2.010 | 125-30-04 | 3.245     | -3903.352090     |
| 2959 | -1204.049 | -53505.812 | 2.011 | 124-11-45 | 3.299     | -3972.157651     |
| 2960 | -1205.179 | -53504.149 | 2.010 | 122-54-54 | 3.350     | -4037.349650     |
| 2961 | -1206.271 | -53502.462 | 2.009 | 121-34-13 | 3.399     | -4100.115129     |
| 2962 | -1207.323 | -53500.750 | 2.010 | 120-15-53 | 3.448     | -4162.849704     |
| 2963 | -1208.336 | -53499.014 | 2.011 | 118-58-28 | 3.495     | -4223.134320     |
| 2964 | -1209.310 | -53497.255 | 2.010 | 117-39-42 | 3.539     | -4279.748090     |
| 2965 | -1210.243 | -53495.475 | 2.010 | 116-20-54 | 3.581     | -4333.880183     |
| 2966 | -1211.135 | -53493.674 | 2.011 | 115-02-09 | 3.623     | -4387.942105     |
| 2967 | -1211.986 | -53491.852 | 2.010 | 113-44-02 | 3.662     | -4438.292732     |
| 2968 | -1212.795 | -53490.012 | 2.009 | 112-24-57 | 3.697     | -4483.703115     |
| 2969 | -1213.561 | -53488.155 | 2.010 | 111-06-48 | 3.732     | -4529.009652     |
| 2970 | -1214.285 | -53486.280 | 2.011 | 109-49-21 | 3.767     | -4574.211595     |
| 2971 | -1214.967 | -53484.388 | 2.010 | 108-28-48 | 3.798     | -4614.444666     |
| 2972 | -1215.604 | -53482.482 | 2.010 | 107-11-27 | 3.826     | -4650.900904     |
| 2973 | -1216.198 | -53480.562 | 2.011 | 105-52-30 | 3.854     | -4687.227092     |
| 2974 | -1216.748 | -53478.628 | 2.010 | 104-34-57 | 3.879     | -4719.765492     |
| 2975 | -1217.254 | -53476.683 | 2.010 | 103-15-42 | 3.901     | -4748.507854     |
| 2976 | -1217.715 | -53474.727 | 2.009 | 101-57-12 | 3.921     | -4774.660515     |
| 2977 | -1218.131 | -53472.762 | 2.010 | 100-40-01 | 3.940     | -4799.436140     |
| 2978 | -1218.503 | -53470.787 | 2.010 | 99-25-13  | 3.958     | -4822.834874     |
| 2979 | -1218.832 | -53468.804 | 2.010 | 98-16-02  | 3.972     | -4841.200704     |
| 2980 | -1219.121 | -53466.815 | 2.010 | 97-08-46  | 3.983     | -4855.758943     |
| 2981 | -1219.371 | -53464.821 | 2.010 | 96-06-38  | 3.993     | -4868.948403     |
| 2982 | -1219.585 | -53462.822 | 2.010 | 95-04-51  | 4.001     | -4879.559585     |
| 2983 | -1219.763 | -53460.820 | 2.010 | 94-09-53  | 4.007     | -4887.590341     |
| 2984 | -1219.909 | -53458.815 | 2.010 | 93-18-28  | 4.012     | -4894.274908     |
| 2985 | -1220.025 | -53456.808 | 2.010 | 92-30-34  | 4.015     | -4898.400375     |
| 2986 | -1220.113 | -53454.800 | 2.010 | 91-44-21  | 4.017     | -4901.193921     |
| 2987 | -1220.174 | -53452.791 | 2.010 | 91-06-42  | 4.019     | -4903.879306     |
| 2988 | -1220.213 | -53450.781 | 2.010 | 90-27-22  | 4.020     | -4905.256260     |
| 2989 | -1220.229 | -53448.771 | 2.010 | 89-56-35  | 4.020     | -4905.320580     |
| 2990 | -1220.227 | -53446.761 | 2.010 | 89-29-13  | 4.020     | -4905.312540     |
| 2991 | -1220.209 | -53444.751 | 2.010 | 89-05-16  | 4.020     | -4905.240180     |
| 2992 | -1220.177 | -53442.741 | 2.010 | 88-44-45  | 4.020     | -4905.111540     |
| 2993 | -1220.133 | -53440.731 | 2.010 | 88-29-20  | 4.019     | -4903.714527     |
| 2994 | -1220.080 | -53438.722 | 2.010 | 88-17-22  | 4.018     | -4902.281440     |

# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

| 点番   | Xn        | Yn         | 距離      | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|-----------|------------|---------|-----------|-----------|------------------|
| 2995 | -1220.020 | -53436.713 | 2.010   | 88-12-14  | 4.018     | -4902.040360     |
| 2996 | -1219.957 | -53434.704 | 0.896   | 88-08-46  | 2.905     | -3543.975085     |
| 2997 | -1219.928 | -53433.808 | 130.358 | 88-09-34  | 131.187   | -160038.694536   |
| 2500 | -1215.741 | -53303.517 | 45.472  | 170-46-20 | 137.583   | -167265.294003   |
| 2642 | -1260.625 | -53296.225 | 200.466 | 267-43-05 | -193.015  | 243319.534375    |
| 3297 | -1268.607 | -53496.532 | 13.495  | 308-55-28 | -210.806  | 267429.967242    |
| 3298 | -1260.128 | -53507.031 | 51.894  | 350-08-02 | -19.391   | 24435.142048     |
| 2617 | -1209.001 | -53515.923 | 10.000  | 38-07-42  | -2.718    | 3286.064718      |

|       |               |
|-------|---------------|
| 倍面積合計 | 20202.083305  |
| 1/2   | 10101.0416525 |

|      |               |
|------|---------------|
| 合計面積 | 10101.0416525 |
|------|---------------|

# 面積計算 計算書

世界測地系 (測地成果2011)

令和 1 年 10 月 30 日

現場名：荒尾都市計画事業南新地土地地区画整理事業 1 6 街区ほか街区確定計算測量業務委託

地番 No： 25 地番名： 1 7 - 2 街区

| 点番   | Xn        | Yn         | 距離     | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|-----------|------------|--------|-----------|-----------|------------------|
| 2500 | -1215.741 | -53303.517 | 4.063  | 88-09-59  | -3.231    | 3928.059171      |
| 2998 | -1215.611 | -53299.456 | 7.899  | 91-01-22  | 11.959    | -14537.491949    |
| 3296 | -1215.752 | -53291.558 | 3.001  | 129-06-15 | 10.227    | -12433.495704    |
| 3295 | -1217.645 | -53289.229 | 1.671  | 170-42-04 | 2.599     | -3164.659355     |
| 3282 | -1219.294 | -53288.959 | 44.615 | 170-46-22 | 7.424     | -9052.038656     |
| 2502 | -1263.332 | -53281.805 | 2.402  | 210-00-08 | 5.953     | -7520.615396     |
| 3083 | -1265.412 | -53283.006 | 4.430  | 212-03-02 | -3.552    | 4494.743424      |
| 3082 | -1269.167 | -53285.357 | 4.553  | 219-01-38 | -5.218    | 6622.513406      |
| 3081 | -1272.704 | -53288.224 | 6.032  | 269-34-21 | -8.899    | 11325.792896     |
| 3181 | -1272.749 | -53294.256 | 12.283 | 350-46-31 | -8.001    | 10183.264749     |
| 2642 | -1260.625 | -53296.225 | 45.472 | 350-46-20 | -9.261    | 11674.648125     |

|       |             |
|-------|-------------|
| 倍面積合計 | 1520.720711 |
| 1/2   | 760.3603555 |

|      |             |
|------|-------------|
| 合計面積 | 760.3603555 |
|------|-------------|

# 面積計算 計算書

世界測地系 (測地成果2011)

令和1年10月30日

現場名: 荒尾都市計画事業南新地土地区画整理事業16街区ほか街区確定計算測量業務委託

地番No: 26 地番名: 18街区

| 点番   | Xn        | Yn         | 距離      | 方向角       | Yn+1-Yn-1 | Xn × (Yn+1-Yn-1) |
|------|-----------|------------|---------|-----------|-----------|------------------|
| 3261 | -1056.595 | -53329.373 | 4.697   | 80-06-23  | -18.641   | 19695.987395     |
| 3291 | -1055.788 | -53324.746 | 12.797  | 125-25-12 | 15.056    | -15895.944128    |
| 3294 | -1063.205 | -53314.317 | 133.380 | 170-46-23 | 31.816    | -33826.930280    |
| 3287 | -1194.859 | -53292.930 | 1.554   | 176-16-27 | 21.488    | -25675.130192    |
| 3288 | -1196.410 | -53292.829 | 1.553   | 187-30-34 | -0.102    | 122.033820       |
| 3289 | -1197.950 | -53293.032 | 2.994   | 239-16-21 | -2.777    | 3326.707150      |
| 3290 | -1199.480 | -53295.606 | 10.504  | 268-09-42 | -13.073   | 15680.802040     |
| 2813 | -1199.817 | -53306.105 | 145.100 | 350-46-20 | -33.767   | 40514.220639     |

|       |              |
|-------|--------------|
| 倍面積合計 | 3941.746444  |
| 1/2   | 1970.8732220 |

|      |              |
|------|--------------|
| 合計面積 | 1970.8732220 |
|------|--------------|